

From The Staff:

WTFDA Headquarters, P.O. Box 97, Calumet City, IL 60409

ASTOUNDING F2 DX HAUL...We've just received word, via New York DXer Jerry Pulice, of some super DX. During an unusually good mid-November E-skip opening in North America, 45 MHz New Zealand ch 1 video was detected by Massachusetts DXer Bill Grant. Along with 46 MHz Australian video, these signals represent perhaps the ultimate in long haul DX to North American DXers. Australian video has been seen in Texas in the recent past, so as some DXers expected, Sunspot Cycle 21 is still full of surprises. The New Zealand video signals undoubtedly made it to Massachusetts via a combination of F2 and E-skip. We'll have more info in upcoming VUDs. In the meantime, congratulations are in order to those lucky DXers who equipped themselves for foreign standard TV signals!

IT'S OKLAHOMA CITY IN '81...Oklahoma City DXer John Zondio has submitted the only bid for the 1981 WTFDA Convention. Tentative dates for the event will be July 31, August 1, and August 2, 1981. More information will appear in the VUD in the next few months; in the meantime, when you think of next summer, remember to include Oklahoma in your travel plans. This will be the one you won't want to miss.

NEM EDITOR NEEDED...We're now in need of a new editor for the EASTERN TV DX column. Good typing abilities, as well as a typewriter in good working condition, will be required for anyone who'd like to volunteer. If you are an avid DXer willing to take on the responsibility of doing a regular DX column for the VUD, this is your chance to help the club. Contact Bill Thompson (address on back cover) if interested. In the meantime, our thanks are due to Robert Kramer for his work as NEM editor.

WTFDA SUPPLY PRICES TO INCREASE...The coming year will see some club supplies increase in price, as inflation continues to be a very real problem. We're trying to hold the line as much as we can--be watching for some special supply offers in the coming months. An updated back cover this month details what's currently available.

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MAILBOX

John Zondio
1802 N. Rockwell,
Apt. 107
Bethany, OK 73008
(405) 787-3717
Deadline: 5th

New Members:

Robert Dixon	2073 Highlandview Drive	Powell, OH 43065
David Hallas	11003 Bristol Terrace	Kansas City, MO 64134
Fred Holland	3606 White Oak Way	Huntsville, AL 35805
David Mergritz	9710 Louis Drive	Owaha, NE 68114
Erik Nagel	P.O. Box 65	Taylor, SC 29687
S.L. Nova	1015 Adams Ave.	St. Charles, IL 60174
Fred Pitterle	12129 W. Green Court	Hales Corners, WI 53130
Michael Todd	Box 392	Banner Elk, NC 28604
Richard Troyer	13130 Wooster St. NW	Massillon, OH 44646

Renovals:

S.W. Baffin, Vernon Eaton, Bill Fahber, James Filler, Robert Fischer, Robert Foxworth, Michael Koronka, Ed Kowalski, Marvin Shultz, Ken Simon, Peter Weeks, Tom Yingling.

Rejoin:

Charles George-6407 Howard-Dallas, TX 75227

Address Changes:

Thomas Cornell-3631 N. Road 900 E.-Greentown, IN 46936
Robert Foxworth-GPO Box A-866-New York, NY 10116
Mark Lucas-721 McKinley Ave.-Lancaster, OH 43130
Jim Pizzi-P.O. Box 2493-Orcutt, CA 93455

Renovals Due in January:

Robert E. Baxter, Roger Carriere, Randall Clark, Lawrence Crane, Ray Fraser, Mark Harris, Ed Houchins, Carlon Howington, Rod Luoma, W.R. McIntosh, Paul Mitschler, Ken Onyschuck, David Rogers, Robert Schweitzer, Paul Traska, Bob Umhoefer, Morgan Williams.

Our new member parade leads off this month with ROBERT DIXON, Robert is an electrical engineer and operates with the calls WRERD.

The program director of WAHR in Huntsville is one of our members now. He's FRED HOLLAND, who's into SSB, FM and TV DX, and belongs to NRC. Fred DXs with a Pioneer TX-1000 tuner.

MICHAEL TODD is primarily a shortwave DXer and belongs to NASWA and SPEEDX. His DX gear includes an RF-2200.

Finally, from the high school football capital of Ohio comes RICHARD TROYER, Richard's DX interests span SSB and TV, and he's a member of NRC. Equipment in his shack includes an RCA 25" color TV with a Channel Master VHF antenna and an indoor UHF antenna. He'd welcome your suggestions on what VHF and UHF antennas and preamps to use to improve his DX system.

Tidbits.....

Here's the latest from Don Erickson on a pre-publication discount for the 1981 edition of the **WORLD RADIO TV HANDBOOK**: "The 1981 WRTH will retail at \$17 in the USA. Orders are now being taken at \$15 per copy including UPS or book rate shipping of copies when received early in 1981. The deadline for orders is 10 December 1980 after which time the price will be \$17. Orders should contain check or money order payable to Donald Erickson. Please enclose a self-addressed, stamped envelope for confirmation of shipment. Canadians may enclose an unstamped envelope with return address and should use only International Money Order or Canadian Postal Money Order payable in U.S. dollars. All orders should specify 1981 WRTH on the outside of the envelope and be mailed no later than December 10, 1980 to: Donald Erickson, 6059 Essex Street, Riverside, CA 92504. 1980 WRTH's are no longer in stock; they may still be ordered from Watson-Guptill in Cincinnati. All orders are accepted with a guarantee of immediate refund at any time before shipment, without question. Inquiries welcome at 714-687-5910 until midnight PST."

This is from member Mike Koronka: "I am in the process of reconstructing my FM antenna system. I want to get it high in the air with a larger antenna. My present installation I have wired to the home stereo so right now I am left without an antenna for my DXing receiver. I had planned on doing it this summer, but just could never find the time."

A big welcome back is in order for Charles George! He updates us on what's been happening with himself: "I am unemployed at the moment; however, I have done volunteer work during pledge drives at KERA-TV and FM. I used to do volunteer announcing at KCHU (now KNOR). I did a DX show for KCHU. I am 27. I have the SWL call EDNSPOD. The other clubs I am in are NASWA, SPEEDX, NNRC, NRC, Association DX del Littoral in Rosario, Argentina. I am interested in DXing whatever I can receive with my equipment. My DXing equipment is a Panasonic RP-2600, a CTR-43 Realistic cassette recorder, and an ECA adaptor from FN Atlas. For most of my FM DX so far I just use the built in whip, but sometimes use a 30' wire. I am a past member of WTFDA, but dropped out from not receiving DX, but this past year I received several stations. In July I picked up stations from Michigan, Indiana, Canada, Ohio and Pennsylvania. I also have a small broadcasting board I bought used for \$100, a Spotsmaster 48EM50, four pots, eight inputs. I use it to practice my announcing/production techniques."

Now, a few words from old friend John Callarman: "I have been doing a bit of FM DXing this summer, though I MISSED the Great E-skip opening that started on my birthday, June 18th. And, doggone it, my wife was out of town that week, too, so I could have spent all my spare time at the FM dials."

Did find a fairly interesting E-skip opening on July 17th when I woke up from my afternoon nap, with Quebec and New Mexico coming in simultaneously, plus Colorado and Utah, but I had to cut it short to travel to Nashville, Illinois, where the WMX All-Stars were involved in a donkey race. Did continue to tape a few DX catches on the car radio on the way over. Most interesting.

My equipment at home continues to be as described previously, a Fisher 220 fed by a TV antenna frozen toward St. Louis at about 30' above ground, which is definitely not optimum for tropo.

I have taken advantage of a couple of off the air situations for WMX and WDDO, two relatively impenetrable signals (well, with my setup, absolutely impenetrable), and was happy to get an opening into Kansas City (KCKK) during WMX's couple of nights off and into Wichita (KARD) while WDDO was missing. KARD is my greatest distance on tropo, about 450 miles, so the really deep tropo that those with better facilities are getting hasn't hit my system yet. Best Class A tropo catch is WEDW 92.1 at right at 300 miles from this site."

Last report this month comes from Dr. Richard Wood: "I have now installed a 106' Rohm tower with a quad array of four horizontally and vertically stacked Winegard FM antennas. Under average conditions I get 300-plus miles in all directions, e.g., Cincinnati, Indianapolis, Birmingham, Knoxville, Chattanooga, Nagee MS, Kansas City. I will be reporting to FM North regularly. When I can afford it, I will add a 10' homebrew UHF dish and a VHF antenna to the system." Not bad, eh?

As many of you know, WTFDA's three representatives to ANARC are yours truly, Peter Oprisko and Morris Goldman. Recently, we cast several ballots which will be of interest to the membership:

1. Ballot for 1981 Convention- On this, the club voted in favor of Thunder Bay, Ontario, over St. Louis for the convention. We feel the convention committee in Thunder Bay is better able to put on the convention and showed their true interest in hosting by bidding for the 1980 convention.
2. Confirmation of ANARC Executive Secretary- There was no call for nominations in the ANARC Newsletter. Dave Browne says he was nominated by ASWLC, seconded by AIDX. The three of us voted against Dave Browne because of the failure to have the nominations called for.
3. Increase ANARC dues to 5¢ per member from the present \$2 per 100- We voted against this, as for our club, it would represent 2½ times what we're now paying.
4. Increase ANARC Newsletter subscriptions to \$5 if postal rates go up January 1- We approved this one, with hopes the rates will go up regardless of a postage increase.
5. Approve site of following year's ANARC convention at ANARC conventions- We voted against this because we feel the club reps should have a say in where the convention will be held, rather than the persons attending the convention.
6. Approve sending a complimentary copy of the bulletin to the ANARC Newsletter editor, rather than the Executive Secretary, unless both positions are held by one person- No problem approving this.

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7. Amend the ANARC By-Laws to read that ANARC business should be taken care of as needed, at the Executive Secretary's discretion, but at least quarterly. We agree with Dave Browne's reasoning that urgent business should not wait for a quarterly vote, but should be dealt with as needed. Any questions or comments you have regarding ANARC business are most welcome, and will aid in future votes. See y'all next month.....73.....JZ

STATION BREAK

c/o Bill Thompson
1907 Seneca Street
Buffalo, NY 14210

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

TRADE - Recent TV GUIDES from all U.S.A. points in return for Canadian ones (you specify area). Saul Chernos, 79 Ridge Drive, Toronto, Ontario M4T 1B6, CANADA.

FOR SALE - I have the VHF-UHF DIGEST issues from 1976 to 1979 for sale. Martin J. Theil, 12 Princeton Drive E., Holiday, Florida 33590.

FOR SALE - Sony ICP-3000W. Like new. Excellent condition. AC cord included. Price: \$75.00, bank draft please. UFG. Robert Heckenlively, Box 26L, Yankton, SD 57075.

Your non-commercial ad can appear in the VUD free of charge! Got a piece of gear you'd like to sell? Looking for something? Advertise in STATION BREAK.

IFCDX

You are invited to join one of the newest and most unique DX organizations in existence today--the International Fellowship of Christian DXers. We publish a monthly bulletin called Fellowship Calling, which features station profiles, SW DX loggings, QSL tips, inspirational thoughts, as well as many other sections dealing with all aspects of the DX hobby. We have established a QSL Bureau for those who have difficulty obtaining verifications of their reception reports and a correspondence department for those who wish to establish meaningful friendships with DXers around the world. The only requirements for joining the club are an interest in religious broadcasting and payment of the \$5 annual dues.

Please send any comments or suggestions you have to David Delatte, Route 2, Box 97B, Jackson, LA 70745.

CADX GETTOGETHER

The longest continuous gettogether in the DX world will take place December 26th - 28th and the New Year's Eve Party/DXathon will be held at 4639 N. Albany in Chicago. This is the 11th edition; there will be several all night sessions on whatever band appears worthwhile, and station junk trading will be encouraged. For further info, contact Robert Kramer, 4639 N. Albany, Chicago, IL 60625. Telephone: (312) 463-4334.

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EASTERN TV-DX

Robert Krauer
4639 N. Albany
Chicago, IL 60625

DECEMBER 1980

Deadlines: 3/4h

It is with regret that I announce my resignation as Eastern TV editor. I have had a good time doing the column, however, recently my work load has increased, making it impossible to continue. I will continue doing the column until someone else comes along. I would, for the good of the club, hope that someone will take over soon, as I will type up only the reports that I have time for. As a result, there will be several reports that won't get in this issue. I have 2 suggestions for you all out there. 1. Either revamp the boundaries for Eastern-Western TV or create a Central TV DX column. The work load for Eastern TV is so great that it would be hard to get it all done for some people. On the other hand, Western TV DX is usually only 2 or 3 pages. 2. Encourage reporters to not report an entire season's DX in one report. This results in the editor getting 10 or more pages (last month I would have had at least 14 if I had printed everything that came in).

Marvin Shultz, R.H. #1 Toulon, IL 61483 (CDB)

April	21 Tr 2100 WGVY-24 WI Milwaukee	5 Tr 0515 WFDL-11 OH Chattanooga	19 Bn 1328 KMRN-5 MN
May	23 Bn 1559 KTVQ-2 MT	0520 WTVX-26 OH	1330 KQAL-2 AZ
	1600 CKCK-2 SE	0525 WHTT-12 RI	1331 KXPM-2 Chih
	1700 WDKN-2 AL	0530 WHTI-25 RI	1630 KXSN-3 MN
	1705 WBSN-2 FL	0535 WDRU-14 RI	0859 WGBH-2 RA
	WPTZ-2 FL	0539 WKMG-29 OH	0900 WCVB-5 MA
	2100 WFTT-2 FL	0553 CKOD-42 OH	1222 WBL-4 MA
	WFTT-64 OH	0600 WOHQ-24 OH	Boston
26 Tr 0727 WFTT-64 OH	7	0730 WKIK-19 KY	1228 WCVB-5 MA
0728 Lexington U's	9 Bn 1328 KXPR-2 Mex	1327 CJBT-3 IN	1327 CJBT-3 IN
KFBI-79 IA	1330 KXPR-3 Mex	1405 WLSZ-2 NE	1405 WLSZ-2 NE
EET 29,46,52, 53,68	X--- 5 Mex	1930 WCAK-3 VT	1930 WCAK-3 VT
0730 WTVR-26 TN	12	1230 KPHO-2 TX	21 1030 KESM-2 Mex
27 Bn 1200 HDAA-5 CO	1234 KIII-3 TX	X--- 2 Mex	1129 KXSN-2 MN
1215 KMGH-2 CO	14 Tr 2260 KTVF-29 AR	1234 KIII-3 TX	0919 WGBH-2 SC
1055 KXSN-2 Mex	15 Bn 1800 WFTT-2 FL	1235 KXNO-2 TX	1000 WVAZ-3 NC
1056 KXSN-2 TX	1900 KPHO-2 TX	1235 KXNO-2 TX	1215 CKCK-2 SK
1700 KXHD-2 Mex	KRIS-6 TX	1330 KXPR-3 TX	1235 KXNO-2 TX
KIII-3 TX	KROV-5 TX	1415 KXSN-2 TX	1415 KXSN-2 TX
June	3 Bn 1200 WTSB-2 FL	1230 KPHO-2 TX	1500 X-HIO-2 Mex
1230 WBSN-2 FL	1230 KPHO-2 TX	1230 KPHO-2 TX	1048 KXPR-3 NJ
WBSN-3 FL	1230 KPHO-2 TX	1230 KPHO-2 TX	1200 KXSN-2 Mex
1248 WGBD-2 SC	16	1230 KPHO-2 TX	1259 KXNO-2 NY
4 Tr 0829 23,29,35,46	1130 KXHD-2 Mex	1230 KPHO-2 TX	1500 KID-3 ID
EET	1200 KXSN-2 TX	1230 KPHO-2 TX	1625 KUTV-2 UT
0830 WTVR-26 TN	KXSN-5 TX	1230 KPHO-2 TX	1630 KUTV-2 UT
WTVT-27 NY	KIII-3 TX	1230 KPHO-2 TX	2200 KTVF-29 AR
Bn 1407 WHD-2 TX	1230 KPHO-2 TX	1230 KPHO-2 TX	KIMN-24 AR
Tr 2341 WJHL-11 TN	1246 KXPR-3 Mex	1230 KPHO-2 TX	2205 KOLB-10 MO
Johnson City	2159 X-HIO-2 Mex	1230 KPHO-2 TX	2208 KXNO-34 OH
2348 WFTT-19 TN	KXPR-3 Mex	1230 KPHO-2 TX	2222 KOLB-12 MO
2350 WLSZ-18 KY	2003 KN ID-2 TX	1230 KPHO-2 TX	0414 WOHQ-24 OH
WVAH-38 IN	2259 KACB-3 TX	1230 KPHO-2 TX	0419 WVAZ-4 MO
WDRB-41 KY	1130 WGBH-2 MA	1230 KPHO-2 TX	Wagona City
WLDZ-35 OH	1200 WFSB-3 CT	1230 KPHO-2 TX	0420 WMTU-27 MO
WPTZ-55 IN	WHD-4 NY	1230 KPHO-2 TX	0429 KXNO-5 MO
2358 WBSZ-36 NC	1205 WBS-4 MA T	1230 KPHO-2 TX	0430 SAER-10 NE
WVTV-37 KY	1800 CHST-3 NE	1230 KPHO-2 TX	Wichita
2359 WHEH-21 NC	2059 WBSN-2 NE	1230 KPHO-2 TX	KWTV-9 OK T
Asheville	1230 KXSN-2 Chih	1230 KPHO-2 TX	WPKA-8 IA T
5 Tr 0010 WVAH-43 OH	KPRD-2 TX	1230 KPHO-2 TX	0459 WPKA-41 MO
0015 CKOD-34 OH	1249 KROV-5 TX	1230 KPHO-2 TX	0516 KTVF-29 AR
0016 CKOD-32 OH	1250 KXSN-2 Chih	1230 KPHO-2 TX	0518 KTVH-12 NE
0017 CKOD-29 OH	1259 WBSN-3 FL	1230 KPHO-2 TX	0524 KTVL-8 OH
0019 KXSN-20 MI	1615 WBSN-2 FL	1230 KPHO-2 TX	Tulsa
WKRQ-50 MI	2000 WGAZ-2 FL	1230 KPHO-2 TX	0528 WGBH-12 NC
WCFR-62 MI	CHSJ-4 NE	1230 KPHO-2 TX	0529 KATV-7 AR
0042 WAAT-31 AL	WAZI-2 ME	1230 KPHO-2 TX	0532 KRTV-26 TX T
0045 WAPP-48 AL	1300 KUTV-2 UT	1230 KPHO-2 TX	0547 KUTV-2 UT
0512 WJWV-8 OH	WUTV-2 NY	1230 KPHO-2 TX	0555 KXNO-5 MO

EASTERN TV DX

25 Tr 0600 KTVN-3 MO	11 Tr 2008 23,46,52, 54, 52 KBT	15 Bn 1128 CHPT-2 IN
0700 KDLR-10 MO	2229 WBOB-37 OH	1129 WLSZ-2 NE
KDHN-24 AR	WFO-42 OH	1130 CHST-3 IN
0800 WDM-34 OK T	0746 WFO-6 KY	1139 WLSZ-2 NE
1345 KDKZ-21 MO	12 1659 KTVN-3 NE	0840 CHPT-2 IN
2200 WQIO-29 KY	13 0759 WFTT-24 TN	0842 CJBT-3 IN
WQST-48 OH	0800 WFTT-24 TN	0846 WBSN-2 MA
WCTV-15 KY	0830 WGM-26 IA T	0824 WTVV-7 IN
2207 WBSD-6 KY	2059 WPTT-33 AL	Bn 0800 WBSN-2 MA
2252 KXNO-5 MO	2100 KXSN-26 NE	Tr 0800 WVAH-50 IN
WDAF-4 MO	KXSN-29 NE	0630 WVAH-11 KY
KXMA-41 MO	WAPP-48 AL	0900 KXSN-26 NE
KYPC-50 MO	WQST-48 OH	KXSN-29 NE
2259 KTVU-11 NE	WVAH-43 OH	Bn 1156 WBSN-2 FL
Topoka	WVTV-9 MI	1158 WBSN-2 FL
27 Tr 0510 KMOB-8 LA	0520 WTVF-3 TN	1159 WBSN-2 FL
0511 WTVF-9 MO	WJHL-11 TN	WJHL-4 FL T
0519 WFTT-19 AL	0540 WTVT-2 TN	1200 WVAZ-3 NC
0541 WATV-31 AL	0540 WFLX-6 MI	1630 KIII-3 TX
0545 WTVN-36 KY	0545 Detroit 50,56	1636 KIII-3 TX
1330 KQAL-2 AZ	WHTT-25 IN	1700 KXSN-4 TX
1331 KXPM-2 Chih	0553 WVAH-11 KY	KXSN-2 TX
1630 KXSN-3 MN	0554 WBAU-7 MI	1703 KXSN-2 TX
0859 WGBH-2 RA	0557 WABD-12 MI	1729 CHPT-2 IN
0900 WCVB-5 MA	0600 WLCZ-35 OH	1200 WVAZ-3 NC
1222 WBL-4 MA	0605 KXPC-15 KY	1630 KIII-3 TX
Boston	WDSB-41 KY	1636 KIII-3 TX
1228 WCVB-5 MA	0609 WMO-37 OH	1700 KXSN-4 TX
1327 CJBT-3 IN	0610 WFTT-15 MO 712	KXSN-2 TX
1405 WLSZ-2 NE	Baltimore	1703 KXSN-2 TX
1930 WCAK-3 VT	0700 WFTT-64 OH	1729 CHPT-2 IN
CHSJ-4 NE	0710 KXSN-3 NY	1817 WBSZ-2 FL
1030 KESM-2 Mex	0713 WFO-42 OH	1817 WBSZ-2 FL
1129 KXSN-2 MN	0719 WDSZ-47 MD	2200 CKCK-2 SK
0919 WGBH-2 SC	0724 WFTT-25 OH	CKCK-3 SK
1000 WVAZ-3 NC	Newark	WFSB-2 MD
1215 CKCK-2 SK	0728 WFSB-47 MD T	2228 WFSB-2 MD
1235 KXNO-2 TX	0740 WFSB-47 MD	Grand Forks
1235 KXNO-2 TX	0800 KTVN-33 VA T	KXSN-3 MO
1415 KXSN-2 TX	0808 WJLZ-11 PA	Blomarc
1500 X-HIO-2 Mex	0815 WJRN-12 MI	23 Tr 0611 WQPC-15 KY
1048 KXPR-3 NJ	0820 WTAZ-15 VT	0728 KXSN-26 NE
1200 KXSN-2 Mex	0818 WVAH-43 OH	KXSN-26 NE
1259 KXNO-2 NY	0822 WPTT-22 PA T	0729 KXSN-14 IA
1500 KID-3 ID	0827 WUTV-29 NY	KXSN-29 IA
1625 KUTV-2 UT	0828 CKOD-34 OH	Bn 1214,36,32, 38,44 WFSB
1630 KUTV-2 UT	0829 WPM-33 PA	WGTU-29 MI
2200 KTVF-29 AR	0830 WFTT-33 PA 701	26 Bn 0930 WBSN-2 FL
KIMN-24 AR	Ferret	WFTT-27 FL
2205 KOLB-10 MO	0533 WJLZ-11 MD	WFSB-3 FL
2208 KXNO-34 OH	0545 WFTT-11 MD	WFSB-3 FL
2222 KOLB-12 MO	Eagertown	WFSB-6 FL
0414 WOHQ-24 OH	0545 WFAZ-25 MD	1000 WCIH-6 FL
0419 WVAZ-4 MO	0554 WFSB-5 OH	1020 JIB-5 Data
Wagona City	0558 WJLZ-11 PA	1100 KXSN-2 TX
0420 WMTU-27 MO	0559 WJRN-12 MI	1130 KXSN-2 Chih
0429 KXNO-5 MO	0600 WFTT-24 TN	28 Tr 2230 WAPP-48 AL
0430 SAER-10 NE	0611 WJRN-12 MI	Detroit U's
Wichita	WJRN-12 MI	WQST-48 OH
KWTV-9 OK T	0615 WJRN-12 MI	WFTT-48 OH
WPKA-8 IA T	0615 WJRN-12 MI	WFTT-48 OH
0459 WPKA-41 MO	0615 WJRN-12 MI	0724 WVAH-11 KY
0516 KTVF-29 AR	0615 WJRN-12 MI	WJRN-12 MI
0518 KTVH-12 NE	0615 WJRN-12 MI	0725 WFTT-48 OH
0524 KTVL-8 OH	0615 WJRN-12 MI	0729 WJRN-50 OH
Tulsa	0615 WJRN-12 MI	0730 WVAH-43 OH
0528 WGBH-12 NC	0615 WJRN-12 MI	WJRN-12 MI
0529 KATV-7 AR	0615 WJRN-12 MI	
0532 KRTV-26 TX T	0615 WJRN-12 MI	
0547 KUTV-2 UT	0615 WJRN-12 MI	
0555 KXNO-5 MO	0615 WJRN-12 MI	

29 Tr 0730 WKRP-22 OH	10 Tr 0450 WWSB-22 OH	26 Tr 0929 K7GQ-74 ND
0736 WHIS-10 OH T	0455 KMYU-29 MO	K7GA-76 ND
0000 Louisville	KMYU-41 MO	K7BK-78 ND
1059 WYVF-5 TN	0530 WCRS-2 NY T	0930 KHNB-29 NK
1200 WNGR-2 TN T	WLRZ-2 NE T	2100 WUYV-29 NY
1258 WWSB-2 FL	18 Tr 2200 Toledo's	0444 WJIM-7 NY 584
1259 WFTT-2 FL	WUAB-43 OH	0452 WJIB-40 NY
1300 WWSB-2 FL	WUJ1-37 OH	0459 WJOD-40 ON
31 Tr 0625 KYRB-26 NE	19. 0700 WUAB-43 OH	0501 WJOD-13 ON
IPSN elem.	Lexington U's	WJOD-19 MA 864
0630 WWSB-14 IA	0720 WJOD-42 OH	Adams
WUAS-11 KY	0728 WJOD-29 OH	0506 WWSB-28 IA
WJIB-11 NE	0817-76 OH	0507 WJIA-19 KY
Lexington U's	0729 Detroit U's	0522 WJNY-36 NY T
August	0730 WWSB-35 IA	0524 WJNW-27 MA T
5 Tr 1400 KYRB-26 NE	0741 WJOD-22 OH	0525 WJSP-10 PA T
WUAS-29 NE	0746 WJOD-35 OH	0529 WUAB-43 OH
WJIM-12 NE	0800 Cincy U's	0524 WJIB-35 PA
KMYU-7 NE	0745 WJOD-74 IA	0525 WJIB-24 ON
WMTV-3 NE	K7GQ-76 IA	0525 WJNY-25 MI
WOST-6 NE	0900 WJIB-42 OH	0530 WJNY-2 MI
2259 WJOD-42 OH	1137 WJIB-28 MI T	Detroit
CHLPT-46 OH	2304 WJOD-42 OH	0536 Detroit U's
0100-59 OH	0800 WJIB-43 OH	0800 WJIB-54 PA
CHSPT-78 OH	2059 WJOD-69 WI	0429 WJOD-29 ON
2300 DETROIT U's	WJIB-69 WI	0438 WJOD-42 ON
CHSPT-29 OH	2100 WJOD-74 IA	0446 WJOD-30 MI
6 0780 WJIB-43 OH	K7GQ-76 IA	WJIB-24 OH
1000 WJIB-35 PA	0650 WJOD-42 OH	0449 WJNY-25 MI
WJIB-35 OH	WJIB-14 IA	0520 WJNY-7 NE
WJIM-24 PA	WUAB-43 OH	0536 WJOD-5 MO
1029 WJIB-24 OH	KTYE-29 AR	0859 WJIB-43 OH
WJOL-11 OH	WJIM-54 PA	WJIB-54 PA
WJYG-13 OH	0713 WJIB-54 PA	WJIB-64 OH
2129 WJIB-79 IA	Detroit U's	0959 CHSPT-78 OH
WJOD-74 IA	KYRB-26 NE	0406 KMYU-7 NY
K7GQ-76 IA	0716 WJOD-28 OH	September
8 0730 WJIB-23 OH	1048 CHSPT-78 OH	3 Tr 2250 WJOD-42 OH
0740 WFTT-64 OH	1049 WJIB-35 PA	5 0729 WJIB-43 OH
0742 WGA-64	1051 CHSPT-78 OH	Detroit U's
WJIB-64	1059 WJIB-28 MI	WJIB-54 PA
both ILLINOIS	FIAT	0730 WJOD-35 OH
of WJIB-16	0800 WJIB-43 OH	0725 Detroit U's
(Marvin, I	CHSPT-42 OH	0729 WJIB-43 OH
suspect these	Detroit U's	CHSPT-42 OH
are ILLINOIS	0900 WJIB-56 WI	0730 WJOD-29 OH
of WJIB-16	Darlington	0859-14 IA
WJIB-16 ILLINOIS	WJOD-69 WI	0100 CHSPT-28 OH
WJIB-16 ILLINOIS	WJIB-69 WI	0800 CHSPT-28 OH
0745 WJIB-57 OH	0929 74 & 76 Ottawa	
WJIB-43 OH		

1st lightning scatter over-receiving WJIB-32 with ABC programming, WJIB-27 with CBS, WJIB with NBC, WJIB-41 T, & WJIB-46 T. Lightning scatter reception is very similar to meteor scatter. The best tropo that I received to the southwest occurred on June 26 & 27, with Oklahoma City, Tulsa being received and perhaps even reaching Dallas early on the 26th. All VHF channels were jumbled during the evening of the 26th. The best tropo to the east occurred on July 14 & 15 with Baltimore, Hershhey, and Hagerstown coming through the ozone. On July 21, using phase nulling techniques, I was able to receive KPMI-6 Postville during their 10:00 newscast while phasing out local WOO-6. On August 27, super tropo opening occurred to the NNE with WJIB-7 & WJOD-19 travelling the distance. At first all I could see on the WJIB color bars was the 0 at the end of Buffalo, and finally the signal level increased. WJOD's just about the farthest UHF that I have received. Finally, on August 28, I received WJIB-7 Detroit for the first time. Their early morning local news format is just like WJIB, as both are ABC G & J. 73's Mary KAGWO.*

Robert Kramer W639 N. Albany Chicago, IL 60625 (312-461-4734) (CW)

September	12 Tr 0739 WJIB-54 KY 257	12 Tr 2257 WJIB-19 KY 257
12 0725 WJIB-52 KY	WFTT-64 OH 250	WFTT-64 OH 250
WYVQ-36 KY 314	0830 WFTT-27 KY 314	21 2138 WJOD-42 OH 260
0734 WJIB-19 KY 257	0845 WJIB-49 IN	WJOD-30 MI 240
WJIB-48 OH 250	2249 WJIB-48 OH 250	WJIB-56 MI 240

WESTERN TV-DX

Fred McCormack
Box 5221
State University Sta.
 Fargo, ND 58105

December 1980

Deadline: 5th

Only one reporter this time as Pat continues with his extensive loggings of last summer. No DX has been seen here in quite some time.

New	New Mode	Testative - t	Unidentified - unid
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Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228
Equipment: 9' b/w Penncrest (1980 model 1001-D for UHF, 1976 model 1001 for VHF) Archer V-100 and 8 bay bow-tie UHF array at 20 feet with rotor

July 1980	17 tr 0717 KLAAt14 LA 430	18 Es 1905-1945 unid 2 sp, w
14 tr 0437 WAFB 9 LA 450	0740 WJIB-24 LA 390	1946 WJIB 2 TN 820
0440 KFLC 7 LA 325	0810 WJIB-24 LA 390	2100 WJIB 2 NC 1175
WJIB 2 LA 450	0812 WJIB-14 MS 620	2140 f/outs
0444 KLFY 10 LA 395	0822 WJIB-15 LA 395	19 Es 0415 unid 3
0601 KLAAt14 LA 430	0925 unid 2 ne	0425 unid 6
Em 0720-0750 unids 2,3	0940-1230 unids 2-5	0429 KDLB 3 SD 1070
0729 WJIB 2 IA 945	(25e on 50 MHz)	KPLB 6 SD 995
KTYV 3 MO 855	1235 unid 3 Canada	0440 unid 5
0825 WJOD 4 MI 1110	1300 unid 6 Canada/	0455 KMYV 3 NE 830
0829 KDLB 3 MO 1250	(global)	3305 f/outs
KFLC 2 MI 1110	(MUF 107.9 @ 1322)	0500-0655 unids 2-4/
(MUF 98.7 @ 0355)	(1350-1505 144 MHz -	(much tropo OCI)
0859 KSHB 6 ND 1300	OH, ON, MI, TN, IL, WI, MN)	0559 WJIB 2 PL 1055
1025 KTYV 2 MI 1245	1925 unid 7 (f to	0705 WJOD 6 PL 1035
1110 f/outs	Austin, CBS WXIA?)	(MUF 107.7 @ 0715)
2035-2100 unids 2,3/	(144 MHz into MI)	(MUF 96.9 @ 0825)
ne	2100 WJIB 2 WI 1190	0825 WJIB 2 TN 1010
2135 null with final	2240 apx f/outs	0959 WJIB 2 ON 1075
f/outs near 2200	(The best 2e MUF day	1215 f/outs
15 tr 0425 KLFY 10 LA 395	of the summer, and,	1310-1945 unids 2-5/
0454 KFLC 7 LA 325	not one solid TV ID!	(lots of 2Be -50 MHz)
WJIB 8 LA 510	Busy with PW, 2e, etc)	2045 unid 2
Em 1935-1945 unid 2	18 tr 0435 KFLC 7 LA 325	2059 WJIB 3 NC 1105
tr 2245 WJOD-26 LA 510	0449 KMYV 12 TX 275	2100 WJIB 2 NC 1175
2252 KADN 15 LA 395	Em 0645 unid 2	WJIB 2 NC 1360
WJIB 35 LA 450	0658 KTYV 2 WI 1015	2200 f/outs
2356 KFDH 6 TX 275	0703 unid 2 sporadic	Em 0540 unids 2 (hvy)
0100 unid 7,9 span.	0725 trop OCI mask-	0759 KTYV 2 WI 1015
0452 KMYV 12 TX 275	ing Em MUF!	0905 KSHB 4 CA 1190
KFDH 6 TX 275	0728 KMYV 2 CA 1190	KTLAT 5 CA 1190
KFLC 7 LA 325	0830 EUSD 2 SD 920	(MUF 106.7 @ 0927)
WAFB 9 LA 450	0834 CWPT 3 MO 1410	1029 KVBK 3 NY 1050
0454 WJIB 16 MS 525	0859 KMYV 3 CA 1270	KTYV 3 AZ 835
0455 WJIB 8 LA 510	(MUF 107.9 @ 0904)	1040 KTYV 5 NY 1040
0515 WJIB 14 MS 620	0952 KSHB 4 CA 1190	(MUF 98.5 @ 1043)
0518 WJIB 17 MS 470	1029 KTYV 2 UT 1080	1159 KDLB 2 AZ 855
0625 WJIB 2 LA 450	1030 KTYV 4 UT 1080	(MUF 104.3 @ 1207)
0715 WJIB-27 LA 450	1059 KVBK 3 NY 1050	1258 KID 3 ID 1215
KLPS-24 LA 350	1115 KMYV 5 NY 1040	1300 KMYV 2 OO 810
0725 WJIB 33 LA 450	(MUF 107.9 @ 1139)	1520 f/outs
0729 KADN 15 LA 395	1145 KTYV 6 SD 1100	1910-1945 unids 2,3/
Em 1220-1230 KQOW 2 OO	1655 unids 2-4 span.	ne
1340-1435 unids 2-4/	(MUF 94.1 @ 1725)	1955-2100 unids 2 sw
ne & ne	1915 KSHB 4 CA 1190	2029 WJIB 2 NY 1245
1555 WJIB 2 MO 1410	1927 KMYV 2 CA 1190	ne 2200-2500 unid 2 ne
1600 WJIB 2 NC 1175	1929 KTYV 6 SD 1100	(offer by 3e)
1605 f/outs	KTLAT 5 CA 1190	Em 1000-1015 unid 2 ne
1925-1930 unids 2,3w	(MUF 107.7 @ 1144)	1845-2100 unids 2-5/
2020-2030 unids 2 sw	1902 KPHB 5 AZ 835	ne/n
2130-2135 unids 2,3e	1905 KTYV 3 AZ 835	2105 unid 2 3e
		2116 KTYV 3 NE 830
		(MUF 96.5 @ 2117)

Pat Dyer (continued)

July 1980

21 Es 2159 KCKT 2 KS 615
 2229 KSHZ 3 ND 1200
 KPST 4 SD 1035
 2230 KFRT 5 ND 1200
 (MUF 94.5 @ 2233)
 2257 KDIX 2 ND 1225
 2301 KDTA 3 SD 1040
 2348 KWGN 2 CO 810
 2355 f/outs

22 Es 0110 unid 2 ne/brief
 0650 unids 2,3 ne/nw
 0657 KVBG 3 NV 1050
 0659 KXKT 2 CA 1190
 KXBT 4 CA 1190
 0701 KTLA 5 CA 1190
 (MUF 94.7 @ 0740)
 0758 KXET 3 CA 1270
 0827 KTWG 2 WY 1015
 0859 WJAG 3 WI 1065
 0900 KTVQ 2 NT 1245
 (MUF 94.7 @ 0928)
 1040 f/outs
 1115 unid 2-4
 1135 WDTN 2 OH 1075
 1215 f/outs
 (hvy loc QRM)
 1545 unid 2
 1555-1945 unids 2,3/
 spotty ne & nw
 2015-2045 unids 2 ne

23 Es 0650 unids 2 ne
 0720 WJAG 2 IN 935
 0720 WJAG 2 GA 830
 (MUF 94.5 @ 0745)
 0747 KALB 6 NH 1030
 0759 WJAG 3 IL 935
 KTVI 2 ND 790
 0850 f/outs

24 Es 0720 unid 2,3
 0726 KTWG 2 WY 1015
 0728 KWGN 2 CO 810
 0730 KOA t 4 CO 810
 0742 KXBT 3 ND 1200
 0845 KOTA 3 SD 1040
 0848 KDSH 4 WE 940
 0859 KNOP 2 NE 815
 0928 KTVQ 2 NT 1245
 1005 f/outs

25 Es 2300 WJAG 2 WI 1190
 unids 2,3
 0000 KTKA 2 MN 1110
 KDLR 3 WI 1290
 tr 0105 KTVB 3 LA 390
 0107 KQTV 2 MO 790
 Es 0114 KTWG 2 WY 1015
 0200 KDLR 3 MN (tp)
 0205 unid 5 nw
 0213 WCCO 4 MN 1110
 0235 f/outs
 0315-0330 unid 2-5
 unid 2 Canada/
 (C.C. Cable 6)
 0750 unids 2-4
 (MUF 107.9 @ 0914)
 1105 unid 6 Canada?
 1107 KPLO 6 SD 995
 (MUF 98.5 @ 1113)

26 Es 1125 KFRT 5 ND 1200
 1129 KTVQ 2 NT 1245
 1225 f/outs
 1510 unid 2
 1625 WY 2 IA 945
 1645 WGGT 4 IN 1110
 1650 KXBT 5 WI 1110
 1659 KTVQ 2 NT 1245
 KDLR 3 IN 1250
 WKSO 3 MI 1140
 1758 KPLD 6 SD 935
 1854 KSHZ 3 ND 1300
 (LUF 97.1 @ 1958)
 2059 KXSD 2 SD 920
 2113 KDLR 3 SD 1070
 2230 f/outs

27 Es 0710-0825 unids 2 ne
 0828 WJAG 2 WI 1190
 0830 WJAG 4 MI 1225
 0858 KTVI 2 MO 790
 0859 WJAG 2 IL 1045
 0959 WGGT 2 SC 1120
 1110 WJAG 2 WI 1190
 1113 WJAG 2 WI 1190
 1217 WJAG 2 IA 945
 1440 WJAG 3 GA 1090
 1456 WJAG 3 GA 830
 WJAG 4 FL 1150
 1459 WJAG 2 FL 1150
 1503 WJAG 4 FL 1015
 1520 WJAG 2 FL 1055
 1640 f/outs

28 Es 1215-1225 KUVV 2 UT
 (video/ no audio @ 80)
 1615-1710 unids 2-4
 1710 KTVI 4 FL 1150
 1715 WJAG 2 FL 1150
 1719 WJAG 3 NC 1250
 1729 WJAG 2 FL 1055
 1756 KXMT 3 IA 985
 (MUF 95.3 @ 1738)

29 Es 1759 WJAG 2 TX 1010
 1925 Cuba t 2
 2000 WJAG 2 IA 945
 2059 KTKA 2 MN 1110
 2059 KDLR 3 WI 1290
 2060 KXBT 5 WI 1110
 2065 KXBT 5 WI 1110
 2054 KXBT 5 WI 1110
 (MUF 101.5 @ 2057)
 (2100, Houston 2 tr
 stronger off back of
 antenna than Es off
 front)
 2128 KXSD 2 SD 920
 2150 f/outs

29 Es 0348-10 WJAG 2 GA 830
 Es 0747 KXBT 2 ND 1225
 0759 KXBT 2 AG 855
 0802 KVBG 3 NV 1050
 0925 f/outs
 1745 KTVQ 2 NT 1245
 1750 f/outs
 1835 unid 2 ne
 1859 KXSD 2 ND 1240
 2128 KWGN 2 CO 810
 2205 KTWG 2 WY 1015
 2241 KUVV 2 UT 1050

29 Es 2330 f/outs
 unid 11 sp, see
 0259 KJAG 4 TX 280
 0437 KFLC 7 LA 325
 WJAG 8 LA 510
 WJAG 9 LA 450
 WJAG 10 LA 510
 0439 WJAG 12 LA 510
 0644 WJAG 27 LA 450
 0645 KXBN 15 IA 395
 WJAG 16 MS 525
 WJAG 17 MS 470
 0710 WJAG 17 MS 470
 Es 0910-0925 unids 2-4
 0925 WJAG 2 NC 1175
 (MUF 85.5 @ 0925)
 0959 WJAG 3 TN 865
 1015 WJAG 5 SC 1120
 WJAG 4 SC 1120
 1020 WJAG 2 SC 1120
 1129 KWGN 2 CO 810
 WJAG 3 VA 1380
 (MUF 88.9 @ 1155)
 1159 WJAG 5 WY 1100
 WJAG 2 TX 920
 (MUF 107.9 @ 1258)
 1355 KTVI 5 ND 1200
 1359 WJAG 2 IL 1045
 unid 5 WI
 (MUF 99.7 @ 1420)
 1429 WJAG 2 WI 1190
 1501 C.C. 2 Canada
 1520 f/outs
 1750 unid 2 Toron. h3
 1756 WJAG 2 IA 945
 1855 WJAG 2 ND 1410
 1900-2010 unids 2,3
 2017 WJAG 4 FL 1150
 2027 WJAG 4 FL 1015
 WJAG 2 SC 1120
 2030 WJAG 2 FL 1055
 (MUF 89.7 @ 2058)
 2059 WJAG 3 FL 985
 2130 f/outs

31 tr 0011 KJAG 4 TX 280
 0022 WJAG 9 LA 450
 0100 WJAG 5 IA 510
 0130 unid 7,9,10,11 /
 (action)

0405 KXSD 7 TX 280
 0535 WJAG 13 LA 450
 WJAG 17 MS 470
 WJAG 19 MS 370
 0712 KJAG 14 LA 450
 WJAG 16 MS 525
 KXSD 24 LA 350
 WJAG 27 LA 450

Es 0700-0800 unids 2 ne/
 trop CCI heavy
 0800 WJAG 2 TN 820
 0915 trop CCI weak-
 ing Es MUF
 0929 WJAG 2 FL 1150
 0940 f/outs
 1100-1135 unid 2-4 ne
 1136 WJAG 2 OH 1075
 1205 KTKA 2 MN 1110
 KXBT 3 ND 1200
 1210 WCCO 4 MN 1110
 1245 f/outs
 1730 unid 2 ne

Pat Dyer (continued)

July 1980

31 Es 1735 C--- 2 Canada fr
 1759 KTVI 2 ND 790
 1800-1910 unids 2,3 ne
 1935-2035 unids 2 nw/
 nna

onset of July 19 to the north and the late-night early-morning session of July 25/26. With most stations off at that hour the scope of the opening can not be determined.

73, Pat, WJAG

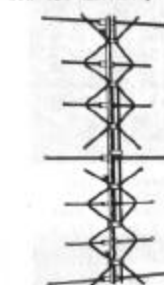
A strong surge of mid-late July Es. Again, for the most part, trop was a problem due to the CCI it gave the weaker Es openings, often making an MUF determination impossible.
 The intense openings of the 17th produced an almost 2-way contact on 220 MHz someplace.
 Other notable events were the very early Es onset of July 19 to the north and the late-night early-morning session of July 25/26. With most stations off at that hour the scope of the opening can not be determined.

TECHNICAL TOPICS



Q: "Does anyone have suggestions for good UHF DXing antennas suitable for indoor use? Is there some compromise such that one can improve one's reception over those little loops provided with TV sets? I have done some experimenting with a reduced size rhombic, but an not too impressed."

A: It's always difficult to get good UHF DX results with any kind of indoor antenna, unless you live in the upper part of a high-rise building, or on a hill. Of course, using a parabolic dish or large yagi inside is probably out of the question for you, but those types of antennas tend to offer the best DX performance. Your best compromise may be the stacked bow-tie antenna, such as an 8-bay (or larger) array. This type of antenna can prove to be ideal for the DXer who must use an indoor antenna to DX UHF, because it offers a fair amount of gain, and can be easily hand-rotated. It can also be easily mounted on a lamp stand, microphone stand, or any kind of home-made base you care to improvise. Several TV DXers report fair-to-good results with this type of antenna indoors, but the actual height of your apartment above ground, the construction of the building you live in, and the amount of signal-blocking "clutter" in the surrounding neighborhood will be the most important factors -- and these will vary greatly among DXers. The drawbacks of these stacked bay antennas are that they tend to work best on the lower UHF TV channels, having poor gain figures up on the translator channels at ch 50 and above (although some manufacturers do offer special models cut for these frequencies), and they don't exhibit the sharp directivity patterns (i.e., deep nulls) that can be found with large yagis and parabolic dishes. For the most part, these are drawbacks you can live with, because such an antenna will far outperform the simple loop or single bow-tie usually provided with a TV set.



As far as rhombic antennas go, they do offer interesting characteristics to the DXer who likes to experiment, so don't sell them short. A well-designed (i.e., no compromise) rhombic can offer good response over the entire UHF TV band, and unlike the stacked bow-tie antenna, shows increasing gain with increasing frequency. You'll find that the stacked bow-tie antenna types are much more practical for DXing purposes though. It's almost impossible to find a commercially available rhombic for UHF TV, but it's easy to find a good 4- or 8-bay UHF antenna at a dealer. The largest of the 8-bay models stands about five feet tall, at just over two feet wide.

(continued on page 33)

TV STATISTICS

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

Dxer, Location	US	CH	NK	FO	TPU	YH	As of:
Bob Seybold, Dunkirk NY	49+	8	4	3	65	50	7/79
Marvin Shults, Toulon IL	44+	7	8	3	63	65	1/80
Ken Simon, Lake Worth FL	70+	4	7	12	94	72	9/80
William Drieb, Kewaunee WI	43+	7	1	1	53	53	10/80
Fred McCormack, One Lacr ND	40+	7	3	1	53	63	5/79
Thomas Yingling, Baltimore MD	40+	7	0	4	51	69	5/79
Robert Kramer, Chicago IL	38+	6	2	5	51	77	11/80
Fowl Franks, Buffalo NY	39+	8	1	1	50	67	10/80
Jim White, Waukesha WI	39+	7	2	0	49	64	4/79
Don Ruland, Kenosha WI	40+	6	1	0	48	71	7/79
Paul Petosky, Trout Lake WI	38	3	0	1	47	54	7/79
Frank Wheeler, Erie PA	34+	9	0	1	45	55	0/80
Mike Reid, Willowdale ON	35+	7	0	0	41	77	5/79
B.W. Battin, Duluth MN	36	4	1	2	43	76	4/79
Mike Scheel, Davenport IA	34	3	2	0	39	72	4/79
Neil Kazaross, Pawtucket RI	52	4	0	1	37	73	10/80
Mike Hollis, Ft. Campbell KY	29	1	2	3	35	78	4/79
Fred Nordquist, Clay NY	28	6	0	1	35	49	10/79
William Hepburn, Niagara Falls ON	26	4	0	0	34	76	4/80
Ed Brindle, Pittsburgh PA	28	3	1	0	32	77	7/80
Bob Langridge, Durant IA	27	4	0	0	34	76	4/79
Steven Schaffer, Hammond IN	23	4	1	0	38	77	9/79
Bill Fabber, Bridgeton NJ	??	?	?	?	27	80	9/80
Dave Hsccall, Fortville IN	22	1	0	1	24	74	7/79
Michael Hogan, Burnham IL	22	1	0	0	23	73	11/80
Robert Goodman, Chicago, IL	17	1	0	0	18	76	5/79
Robert Schweitzer, E. Brunswick NJ	??	?	?	?	16	74	10/80
Robert Ross, London ON.	??	?	?	?	11	77	4/79

Well here you have the Total Political Units Standings from the 'Great 28.' Where was your report?

Just a few reminders now. All the above ties were broken by the total number of stations seen by the individual Dxers. Upcoming in the future for the column will be some NEW RECORDS set since the last All-Time records listing. Maybe you will be one of them. I know for a fact that this summer brought many long haul Eo and tropo sessions. So I urge you to send in your distances that you think might qualify your reception as a record better.

Remember to support this column and all other VUD columns and this is your club. Also, club supplies aid you in many facets of your DX hobby. These club supplies are listed on the back cover of the VUD. One publication that is a must for the TV DXer is the UHF Translator list. If you have the equipment and the time, the use of this guide will fatten your TV DX totals quickly. Just write WTPDA HQ for current price and availability.

73's

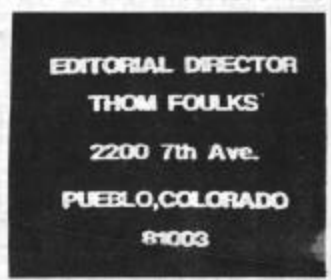
File

PHOTO-NEWS

Jim Alexander
4 Brook Court
Parsippany, NJ 07054
December, 1980

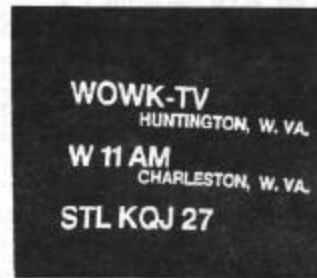


KMTV-4 Mexico City, DF Mexico
1,293 mile E-skip (Conbs)



EDITORIAL DIRECTOR
THOM FOULKS
2200 7th Ave.
PUEBLO, COLORADO
81003

KRAM-5 Pueblo, CO
E-skip (Gaines)



WOWK-13 Huntington, WV
280 mile tropo (Gaines)



KTSB-27 Topeka, KS
570 mile tropo (Battin)



WUHF-31 Rochester, NY
280 mile tropo (Gaines)

Contributors:

John Costa,
Orlando FL

Paul Gaines,
Detroit MI

Jack Battin,
Duluth MN

Wishing a joyous holiday
season to all,

Jim

SOUTHERN FM DX

DECEMBER 1980

Danny Justin
1312 E. Skyline
Stillwater, OK 74074

LEADINGS 10th

NOISE BEAM DX RESULTS

Orca Montl, 1110 Fidler Ln, #1434, Silver Spring, MD 20910 - July 17 to Sept. 29 EDT
Eqpmt: Pioneer TX-9500, 210 PH-8 Beam Box #130 ft. or so

7/17 tr
1037 WKEE 95.7 VA Norfolk, s, \$
1059 WJHR 104.5 VA Norfolk, r, \$ "QFM"
1102 WJH 97.3 VA Newport News, c, \$
8/1 tr (all tr)
0259 WBCI 96.5 VA Williamsburgh, r, \$

8/2
2139 WUTD 107.1 MD Federalburg
2153 WBTY 93.7 DE Wilmington, r, \$
2155 WTVB 94.1 VA Yorktown, k, \$
2159 WEXR 107.5 VA Smeers, b-ball, ID
2212 WYTH 95.9 DE Bethany Beach, r, \$

8/3
1101 WYMI 93.7 NC Elizabeth City, pr, \$
"k-94"

8/6
0129 WJPD 92.7 DE Rehoboth Beach, s, \$
0130 WJMI 105.5 VA Yappahannock, \$, xr test

All stars now; still building up a log of the close-in traps; 101 heard so far here with limited DX time available. 73.

Flex Sanford, 404 E. McNeill, Barnett, TX 75611 - Oct. 6 to Nov. 7 GMT

11/1 EW
1401 KSHR 96.5 TX Houston, ex KSHR
11/2 tr
0740 WAGT 94.1 AL Carrollton-Aliceville, k
0748 WTIQ 101.3 MS Meridian, "Q-101"
0749 WALT 97.1 MS Meridian, nx
0759 WJHM 90.3 AL Birmingham, c, then KFH

11/7 tr, cont.
0606 WGVV 98.7 MS Vicksburg
0615 WJLN 95.5 MS Jackson
0616 WJRE 95.1 MS Natchez
0626 WJZL 102.9 MS Jackson
0627 WJRE 99.1 MS Greenwood, ad
0649 WJHM 96.9 AL Montgomery, r, "99-FH"

Central Texas was once again endowed with some warm, pleasant weather during the first week of November, and this produced the first 700-700 mile tropo heard by this reporter in a number of months. The trop opening (albeit mediocre) was certainly welcomed since I had seen the temperature plummet to around 34 degrees at the end of October. (It was down to around 29 here then. 10)

Fat Dyer, W421X, 5315 Silvertip Dr., San Antonio, TX 78208 - July 14-31 w/prior address
Eqpmt: Realistic TM-1001 into an Allied 426, 6 -al. Archer antenna at 20 ft. w/rotator
(CST used, new underlined, t-tentative)

5/16 Be
0959 WZTC 88.1 TN Chattanooga (WUOT ID) 665

7/14 Be
0850 WFSB 89.3 WI Green Bay 1190
0855 WAKI 98.9 NH Duluth, wx 1250
0858 KBBN 88.5 NH Minneapolis, wx 1110
0859 WBSA 89.9 WI Brule, ID 1235
0907 KDJR 91.1 MN St. Paul, c 1110
0904 KYIS 96.5 MN Minneapolis, s 1215
0907 WJLA 95.3 MD Detroit Lakes, ad 1215
0920 KLLX 93.5 SD Sioux Falls, wx, nx 975
EWMT 96.5 SD Sioux Falls, k 975
KJMT 96.7 MN Moorhead, r 1205
0922 KNNV 97.9 ND Fargo 1200
0925 KKKK 95.7 MN Morris, area ad 1125
0930 KTYN 94.7 ND Grand Forks, ad, m 1280
0932 KQAT 94.9 SD Aberdeen, r 1100
KJH 94.1 SD Aberdeen, s, town ID

0935 KRIM 89.3 ND Grand Forks, c 1280
0956 IQDY 94.5 ND Bismarck, area ad 1200
1014 KRYA 88.5 ND Salfcourt, ND wx 1335
1040 f/outo

7/16 tr
0512 WNEF 89.3 LA Baton Rouge, town ID 450
0743 KJWS 88.1 LA Lafayette, ID 395

7/12 Be
1239 WVIC 96.9 WI E. Lansing, ID 1195
1244 WJPT 88.1 OH Akron, r 1280
WJSD 89.3 PA Pittsburgh, c 1280
1259 WJSD 88.5 OH Youngstown, wx 1275
1301 WJMT 98.9 OH Youngstown 1235
1303 CBE- 94.1 ON Toronto, "CBC & Toronto" 1415
WJH 94.9 OH Medina, ID 1230
WJCL 96.5 OH Cleveland, r 1250
1307 WTOP 98.1 OH Canton, s GMT. 1235

SOUTHERN FM DX

Dyer, cont.

DECEMBER, 1980

7/20 Be
0919 KMET 105.9 CA Los Angeles, ad 1190
(plus five other from Los Angeles-t)
0927 KHQT 106.7 CA Pasadena 1185
0940 KWKI 94.9 MN Astec, area ad 740
0945 KJBT 92.5 UT Cedar City, k 1005
KJBT 93.5 UT St. George, m 1005
1005 f/outo
1043 KXBT 94.1 NV Henderson, s 1040
1047 KQRT 88.1 NV Las Vegas, r 1050
1052 KLOC 98.5 NV Las Vegas, ID 1050
1110 f/outo
1205 KHYA 88.9 UT Provo 1085
KJPT 96.7 UT Salt Lake City, r 1080
(two other from SLC-t)

1210 KALL 94.1 UT Salt Lake City, ad
1211 KJCF 104.3 UT Salt Lake City, ad
1216 KJCL 90.9 UT Salt Lake City, pos 1080
1220 KWHO 93.3 UT Salt Lake City, ad
1230 KJEL 95.7 ID Twin Falls, ID, k 1265
1246 KJDT 94.9 IDampa, r 1380
KJOT 97.9 ID Boise, s 1390
1247 KJXL 94.1 ID Caldwell, area ad 1390
KJBT 92.3 ID Boise, r 1390
1250 f/outo

7/21 Be
2117 KJQT 98.5 IA Council Bluffs, r 830
KJAT 98.1 IA Cedar Rapids, k 945
2126 KJHN 94.1 NE Omaha, ID 830
2128 KJOT 92.3 NE Omaha, r
2129 KJEL 95.3 NE Lincoln, ID 790
2132 KJLO 92.5 SD Sioux Falls, ad, ID 795
2133 KJYL 93.5 SD Sioux Falls, "x-93", ads
2135 KJSD 89.7 SD Vermillion, c 920
KJSD 88.3 SD Brookings, j 1020

2145 f/outo
2233-W241 KJQT 94.5 SD Bismarck, nx 1200

7/22 Be
0704 KJCT 96.9 CA Sacramento, wx 1495
tr
0706 KJIP 96.9 TX Odessa, area ad 280
Es (0710-0730) lull
0733 KJCS 89.3 CA Pasadena, NPS nx 1305
0737 KJST 88.5 CA Northridge, nx 1210
0739 KJON 88.1 CA Long Beach, ID 1180
(8 others from southern CA-t)
0741 KJAK 93.5 WY Riverton, local nx 1080
0745 f/outo

tr
0910 KJFO 95.5 TX Waco, local ads 170
Es
0910-0945 unIDs mostly 88-89 to 94-7, spotty

7/23 Be
0745 KJST 94.5 IA Ft. Dodge, r 935
0758 KJFS 88.1 IA Des Moines, IA nx 885
0825 f/outo (lull since 0800) 7/26 next
0810 WSHR 88.9 NC Raleigh, j 1230
0822 WJPD 88.5 NC Winston-Salem, c 1150
0850 WTVB 94.1 VA Yorktown, k, VA ID 1370
0853 WJRE 96.7 NC Greensboro, ad 1175
0855 WJRE 92.5 VA Asheville, NC set nx 1165
0857 WJVC 94.5 VA Richmond, ad 1325
0900 WJHM 94.7 NC Raleigh, ID 1230
0905 WJHM 93.5 WI Milwaukee, "Q-FH" ID, r
0906 WJMT 96.5 WI Milwaukee, c 1100
0909 W241 95.7 WI Milwaukee 1100

7/26 Be
0910 WJGR 96.9 NC Goldsboro, wx 1260
0914 WJCY 107.9 NC Charlotte, ID 1165
0927 WJUL 94.1 WV Oak Hill, k, ID 1190
0928 WJVT 94.9 WI Baraboo, s 1085
0945 WJLL 95.1 WV Parkersburg, r 1190
0950 WJED 105.7 WI Grand Rapids, ads, ID 1175
WJUS 106.9 WI Muskegon, ad 1190
0957 WJAI 99.1 IL Danville, area ad 960
1001 WJPT 96.5 TN Kingsport, ID 1045
1021 WJJO 98.1 MN St. Cloud, ID, k 1140
1028 WJSD 89.7 SD Vermillion, ID 920
1030 KTYN 94.7 ND Grand Forks, s 1280
1033 KJMT 89.3 ND Grand Forks
soon f/outo
1111 KAMY 94.5 WY Casper, ID 1015
1117 KJDK 96.5 MT Billings, local ad 1245
1120 f/outo
1705 KJIS 96.5 MN St. Paul, ad 1110
1734 KJSD 88.3 SD Brookings, j 1020
1724 KJUR 89.1 SD Sioux Falls, r, ID 975
1726 KJMT 97.9 SD Fargo, s 1200
1731 KJWC 96.5 SD Sioux Falls, ID, s 975
1732 KJWB 96.7 MN Moorhead, r, area ad 1205
1735 KJIX 93.5 SD Sioux Falls, wx 975

1741 KJAF 94.5 TX Galveston, ID 300
Es
1742 KJHN 94.1 SD Aberdeen ad 100
1749 KJLO 92.5 SD Sioux Falls, ID, nx 975
1813 KJDT 94.5 ND Bismarck, ad 1200
1820 KJAT 88.5 ND Bismarck, k 1335
1852 WJLL 94.1 WI Eau Claire, s 1125
1900 WJBT 89.3 WI Green Bay, opera
unID 88.5 MN (see MN nx)
1909 WJSA 89.9 WI Brule, ID 1235
1910 WJKT 96.9 MN Duluth 1250
1917 WJNO 95.3 WI Shell Lake, area ad 1180
1926 KJCR 97.1 MN St. Paul, local nx 1110
1927 WJMS 92.4 MN Golden Valley, ID 1110
1931 KJBL 92.3 IA Colwell, k, ad 985
1938 KJGE 95.3 MN Winona, local ad 1075
1958 KJRE 91.1 MN Mankato, r, local ad 1045
2020 WJMN 98.5 WI Coldwater, local ad 1125
2037 f/outo

7/28 Be
1728-1743 unIDs to 95.3
2035 KJBT 88.5 CA Mission Viejo, nx 1150
2141 WJST 90.3 MN Tijuana 1100
KJED 94.1 CA San Diego, c 1120
2042 WJMT 92.5 MN Tijuana, r 1100
KJMT 96.1 CA San Diego 1120
KJRT 93.3 CA El Cajon 1100
2049 WJTR 91.1 MN Tijuana, r, "91-X" ID
2051 KJYT 96.5 CA San Diego, s 1120
2059 KJSD 88.3 CA San Diego, ID 1120
soon f/outo

7/30 Be
1215 WJHM 90.5 MD Williamsport, pos 1370
1224 WJSP 94.9 PA Harrisburg, c 1425
WJLL 95.1 WV Parkersburg, ID 1180
1225 WJCT 96.5 PA York, r 1420
WJMT 96.7 PA State College, r 1395
WJMT 96.9 PA Lancaster, s 1440
1227 WJX 94.1 PA Sunbury, ad, "94-KX" 1445
1232 WJPM 97.9 WY Fairmont, ads, pos, wx
1236 WJHL 96.5 PA Johnstown, town ID 1330
1240 WJRE 94.5 PA Pittsburgh, r 1280

cont.

SOUTHERN FM DX

Dyer, cont.

DECEMBER 1980

Table of radio frequencies and call signs for Southern FM DX, including stations like WFLA, WFTS, WKMG, etc.

Table of radio frequencies and call signs for December 1980, including stations like KABC, KABC-TV, KABC-2, etc.

SOUTHERN FM DX

Dyer, cont.

DECEMBER 1980

Table of radio frequencies and call signs for Southern FM DX, including stations like WISN, WISN-TV, WISN-12, etc.

Textual information including 'A lot of mid-late July Ee resurgence', 'Danny Rustin, 1312 N. Skyline, Stillwater, OK 74074', and 'KOKI Tulsa 23' now on.



NORTHERN FM-DX

Ralph Strobel, editor
2510 E. McGalliard Rd.
Muncie, Indiana 47303
(317) 288-5815
Deadline: the 10th

DECEMBER 1980

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

AUTUMN TROPO SIGNS TO ZERO, BUT A FEW GOOD SUMMER REPORTS SUBMITTED.

Jeff Falconer - Box 63 - Clinton, OH 43841 LG

Equipment: J.C. Fenner 1913 portable with whip or Realistic STA-85 and Winegard FM-4400 active antenna. Time EDT. All new unless otherwise stated.

6/18 Es
1427 KHPF 88.7 TX Houston, J.
my let Es station!
1830 KERT 88.9 TX Commerce
1855 KWSJ 93.9 TX Fort Worth, GS
1917 KJWS 94.9 TX Arlington
2000 KRID 92.9 TX Wichita Falls
2010 KESC 94.7 OK Oklahoma City, k
2022 KBAF 94.5 TX Gainesville
2045 KKAJ 95.7 OK Ardmore, k
2203 KRCZ 91.7 MO Point Lookout
2207 KVTI 91.7 TX Dallas
2226 KAPM 92.5 TX Dallas
2225 KLPQ 94.1 AR Little Rock, r
2227 KRCX 94.5 LA Shreveport, r
2250 KFIZ 97.1 TX Fort Worth, r. "E-97"
2255 WHID 97.1 TX Had TX Rangers NB
7/3 tr
2306 WJMN 106.7 IL Des Plaines, m
7/9 tr
0223 WUW 99.1 WI Milwaukee
0253 WCLR 101.9 IL Skokie-Chicago, r
0355 WYCA 92.5 IN Hammond
0414 WQYJ 101.5 IN South Bend
1643 WFXZ 92.9 NY Buffalo, ex-WHUT, r
2339 WNEU 92.9 IN South Bend, r
7/17 Es
1510 KTSU 90.9 TX Houston, r
1625 KIRS 93.3 TX Killen
1627 KYER 93.3 TX Port Arthur
1635 KBYC 107.5 TX San Antonio
1654 NHTS 98.7 TX Dallas, "K-Newa"
1701 KDOT 106.1 TX Denton
1718 KEAN 105.1 TX Abilene
1727 WMSG 102.9 TX Dallas
1801 KPMN 107.9 TX Abilene
1808 KZCS 96.3 TX Fort Worth
1813 KPIX 99.5 TX Fort Worth
1815 KJBR 99.9 TX Wichita Falls
2010 KMLE 100.1 MO Asopra, local BB gaze
2028 KLTZ 101.9 OK Oklahoma City
2030 KSTW7101.3 TX ment. I-35, can't find
KSPW in any listing.
2039 KNEB 101.3 OK McAlester
2052 KMGK 105.7 AR Gilboa Springs
2100 KUNR 88.5 MO Holla
2103 KOFM 104.1 OK Oklahoma City
2112 KTFX 105.3 OK Tulsa
2114 KESK 102.5 MO St. Louis
2114 KPOG 102.5 MO Joplin
2124 KHEN 99.5 OK Henrietta

7/17 Es
2126 KWBE 97.1 AR Camden
2143 KBBE 106.5 KS Arkansas City
2154 KFTN 103.7 KS Wichita
2200 KFTN 92.5 MO Joplin
2207 KLAW 101.5 OK Lawton
2217 WHID 106.9 TX ID as "K-C" k
7/26 Es
0950 EYTL 95.1 TX Tyler
0954 KROS 92.1 TX Tyler
1000 EYRMT 92.1 TX Sonora, only 88 etc.
here, but ID sounded like KRCZ.
8/10 tr
(New EX and ANT: Realistic STA-85
and Winegard FM-4400 active ant.)
0114 WWHI 90.1 IL Chicago, g
0200 WSHJ 88.3 WI Southfield, r.
nice for 125w.
8/11 tr
0138 WXXI 91.5 NY Rochester
0232 WAGJ 104.1 NY Buffalo, ex-WWOR
8/12 tr
0314 WLLS 98.7 MI Detroit, r, ex-WBFG
'Detroit's Wheels'
8/12 MS
0338 KYNHT 94.1 NE Omaha, s, caught
partial ID; sounded like KTRN.
1240 KCKE 94.1 KS Kansas City, spot for
Sears store in St. Joseph, MO
1426 KLPQ 94.1 AR Little Rock, r, "KQ-94"
Previous by Es.
8/14 MS
0028 KFFI 103.3 OK Tulsa, ID sounded like
EYFA. "Gold's" been KTFD. Taper not running.
8/18 tr
1358 WBCI 97.9 OH Columbus, k
8/17 tr
0117 WGRX 94.5 OH Port Clinton, k, ex-WNWR
8/19 tr
1628 WPOS 102.3 OH Holland
1654 WBSO 100.9 OH Bryan
8/24 tr
1911 KUNI 90.9 IA Cedar Falls
1520 WOI 90.1 IA Ames, c.
Wow, what a signal!
1637 WFTC 104.9 MI Alma
1700 WHAD 90.7 MI Belafield
1705 WBCS 102.9 MI Milwaukee
1714 EGQR 102.9 IA Cedar Rapids, r, "KQ-105"
1724 WGGI 107.5 IL Chicago, "107W"
1729 KTOP 104.5 IA Cedar Rapids
1832 WIXX 101.1 WI Green Bay, r

* Continued *

NORTHERN FM DX

Jeff Falconer cont'd:

DECEMBER 1980

8/24 tr
1906 WTYK 102.9 PA Sharon, "I-103"
2001 WBSB 98.9 OH Youngstown
2102 WNHJ 100.1 OH East, ex-JMPT
8/25 tr
1997 WQOH 100.1 MI Grayling
2021 VLDX 97.3 WI Milwaukee, r
2050 WGR 89.3 IL East Moline
2045 WQTC 102.3 MI Two Rivers
2052 WIAA 88.3 MI Interlochen, c
2201 WQWU 104.5 MI Muskegon
2302 WVIK 90.1 IL Rock Island
8/26 tr
1735 WPTT 88.1 IN Elkhart, r. "The Voice"
1807 WQXQ 101.1 IL Chicago
1823 WNGZ 106.9 MI Muskegon
1828 WFAO 107.1 MI Ann Arbor
1829 WYGR 104.1 MI Grand Rapids
1850 WYTR 103.3 IL Chicago, s
1855 WMTT 98.7 IL Chicago, c
1905 WBSM 96.4 IL Chicago
1909 WYBT 93.1 IL Chicago
1912 WLOO 100.3 IL Chicago
2000 WMSB 90.7 MI Revere Springs
9/3 tr
2305 WMSB 90.1 MI Marquette, c
2311 WBRV 92.5 MI West Bend
Being a new member in WYFDA, I thought I'd send in some info for your Northern FM - DX
column. I started DXing on 6/18/80 and have logged 240 stations as of 10/1. Very good
season. Not much Es, but the tr made up for that. Even had a few productive MS sessions.
Hope to soon have an outdoor antenna to pull in the DX. By the way, I'm 27 years old,
single, and have just started DXing the FM band. Over the years, I've liked the SW band,
AR BCB band, and Ham bands. I am still very active on BCB and on 10/15 I go to try for
my Ham radio license. Also, I work in a local factory which builds mobile homes. Oh yes,
I'm also a member of WBC and WBA. So long for now. 73, Jeff (Thanks for a good report-80)

Paul D. Tranka - 64 Weaver Ave. - Buffalo, NY 14206
(This report from 5/25/80 to 7/24/80)

5/23 GW 1835 WQBC 90.1 NY Greece
5/26 GW 1216 WQWQ 97.5 NY Watertown
5/27 GW 0200 WQOR 96.9 NY Stics
0200 WWHH 102.9 NY Syracuse
5/30 Es 1100 WABE 90.1 GA Atlanta
1126 WABC 90.1 AL Troy
6/16 Es 2155 KLAU 101.5 OK Lawton
1148 KBYL 90.3 MO Buffalo
6/18 Es 1900 KRSU 91.7 OK Stillwater
1900 KWET 97.5 OK Weatherford
1912 KQWU 89.1 KS Wichita
2100 KQBO 90.1 OK Edmond
2204 KATL 101.5 IA Storm Lake
5/19 Es 1502 KESA 90.1 TX Dallas
1602 WRR 101.1 TX Dallas
1630 RWYX 97.5 TX Waco
6/23 Es 1215 WYTT 91.7 TX Dallas
6/27 GW 0155 WSTF 94.5 NY Syracuse
7/2 tr 2300 WYFD 104.7 PA Pittsburgh
2315 WQBN 107.1 MI Detroit
7/3 tr 0145 WQBE 105.7 OH Cleveland
0145 WQBE 105.9 MI Detroit
0250 WYFP 107.5 MI Detroit
0305 WQBE 101.5 OH Toledo
0312 WQBE 101.5 OH Ashland
7/4 tr 1200 WQOR 105.1 OH Salem
1430 WQOR 104.7 OH Toledo
(New underlined; FM totals: 293)

* * * * *

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

Hardly any DX to report from Minnesota as far as I am concerned. No extended high pressure areas have hung around so this fall has not even produced any tropo to speak of. All in all, a disappointing past few months. Only one new "catch" for the entire month of October, and it was logged at the cabin at Prooit, MN.

10/5 tr 1590 KSMN 94.5 MN International Falls (auto x, days)

That's it from here. Until next time I have something to report. 73's, John Ebeling

Nike Bugaj - 69 Sherman Road - Enfield, CT 06082

Equipment: Sony 7150 tuner, Pince PMSL-12 855" w/rotor. All IDs, loggings taped on a Roberts reel to reel deck.

- 8/25 MS 9/18 tr (Best opening of the season!)
2190 KYSM 103.5 MN Mankato, ...will include 1828 WREO 97.1 OH Antabula
all of KY country listening area...(prev. Mo) 1845 WKRN 98.9 OH Youngstown, very strong
8/26 tr 1850 WCRF 103.5 OH Cleveland, g
2100 WWTZ 103.5 MI Detroit, good 1855 WCLW 105.5 OH Mansfield, r
2230 CPGA/CKDS Good 1900 WWSI 104.5 OH Wooster
8/27 tr 1920 WDCJ 99.5 NY Buffalo, g, ID, right over WSPN
1745 WA10 93.9 MI Lewiston, k, WLVH off just long enough for an ID.
8/28 OH 1935 WTOP 98.1 OH Akron, g
8/28 OH 1975 WCKI 105.1 OH Salem, k, "Country-105"
2000 WMR 88.1 MA Cambridge, az-WTRF 2012 WBSH 97.1 OH Columbus, "8-97"
2015 CPBC 91.9 OH Kingston, CBC concert 2018 WJME 99.7 OH Columbus
8/20 tr 2028 WNCI 97.9 OH Columbus, r, prev. by Au
2145 WJTM 91.5 MA Worcester, SS thru WWSU 2057 WSHH 99.7 PA Pittsburgh
9/5 tr 2110 WOCK 105.7 PA Erie, r, "K-104"
2205 WJOC 94.5 NJ Avalon, "8-94" 2125 CHEI 106.3 ON Garmia, "CBC Southwestern Ontario"
2205 All coastal NJ stations were pegging, including WNEA, WHER, and WWSU
9/6 tr - a repeat of 9/5. 2210 CBCL 95.5 ON London
9/12 tr 2225 CKO-3 97.5 ON London, nx
2227 CJRX 92.7 ON London, k, "8X-93"
2140 WBTL 106.5 NC Bridgeton, super strong 9/19 tr (Good from Western NY and Ontario)
all night and until 0900 of 9/12. 2330 WFX2 92.9 NY Buffalo, "Foxy-93"
Total logged now is 1042.

Saul Chernoo - 79 Ridge Dr. - Toronto, ON M9C-1B6 (All DX from Burnt River, 70 air miles NE of Toronto house)

- 9/19 tr 2045 WEPB 100.3 PA Meadville, "The Country One," ID
2047 WBYO 89.9 NY Oswego, in well
2052 WBFM 98.9 NY Rochester, "FM-99," ID
2054 WJLF 101.1 MI Detroit
2155 WWHB 102.9 NY Syracuse, religion
2159 WYFM 102.9 PA Sharon-Youngstown OH, "Y-103"
2200 WEGW 104.3 NY Utica, "8X-104"
9/21 RS 1600 unID 100.5 Probably KATT Oklahoma City, OK, prev. Do
A remarkable September, eh? Well...October was even better, and November is really starting to shape up. Well, back to hibernation. I can't DX FM unless I'm at the cottage anyway, so aside from three weeks in December-early January, three weeks in March-April, and occasional weekends, don't expect much till late May. I can hardly wait for a new Ex season...How about another January opening. 73's, Saul

Ralph Strobel - 2510 E. McCalliard Rd. - Muncie, IN 47303 Equipment: Heath AD-1710, Winegard antenna w/rotor at 60 ft.

- 10/17 tr 1532 WMTT 105.5 IL Wilmington, rs, "1058-FM"
11/2 tr 0500 WRCI 93.5 MI Midland, rs, "83-93-5"
A very poor month for FM. One new station heard and a relog I finally got on tape. 73's

***** MERRY CHRISTMAS TO ALL! *****

VHF UTILITY DX

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

DECEMBER 1980

Incredible as it may seem the solar flux levels appear to be heading for a sizeable peak at the time of the year it will do the most good for the northern hemisphere F2. As of this writing, the flux had already peaked briefly over the 300 mark (though maybe a flare enhanced situation). That is only the 5th such day since August 1959! Also, the sun has been prolific in recent large flare production.

Consequently, while not at the levels of last year, 50-MHz DX has certainly "taken off". The most numerous N.America to Africa contacts since Cycle 19 are being made (though mostly with Liberia some have been with S.Africa and S.W.Africa). European contacts have become as far as the Midwest and NE. Transcontinental paths have become somewhat common again. Japan contacts have been made in the central US with some even heard much more to the NE. The Alaskan paths are on a rapid upswing to the US and a few 50-MHz events from there to Australia. (Again, for more details see the weekly ham radio report, monthly QST, quarterly SMIRK newsletter, or monitor the 28.885 MHz 5-m info net.)

G. DuBois, 10048 NE Campaign, Portland, OR 97220 Bearcat 250, A/S Mon-8, longwire; PWT/FSK used

- 10-10: 1500 VL2AW 39.25 NSW, Australia-pwr 1027 KIJ700 42.56 Henning, TN-p
1715 40.9 S.Korea (military) 1032 KIR536 " Welland, "
1901 38.65 Chonan, S.Korea 1039 KIC568 42.86 Walters Mt., VA-p
1040 KDB462 44.62 Ashland, KY-p
1104 KIB998 42.62 Mt. Mitchell, NC-p
1147 KDT500 44.96 Marathon, FL-parks
1430 KKC531 39.30 Opelousas, LA-p
1440 KKC593 " Alexandria, "
10-29: 1600 RQI316 33.90 Hamilton, OH-f
1610 42.55 Russian 1627 KDX369 33.94 Jefferson, La-cf
1655 38.6 Korea (military) 1706 41.0 Japanese?
1850 33.55 S.Korea (US military)
10-24: 1755* KC3075
10-26: 0921 KI9443 42.42 Woodbury, TN-p
0930 ISE295 " Redkey, IN-p
0931 KSC813 " Ft. Wayne, "
1025 EXL415 42.60 Raleigh, NC-p
Rickey Stein, 456 Barrymore Place, N. Brunswick, NJ 08902 GMT used old ID, 40.390 Guadalajara, Mexico (agriculture and hydrology)
3-13: 1615 33.84 Scandinavian 10-10: 40.100 Spanish @ 1849
1630 36.80 military 1938 NNNWEXX (rtty 60/850N)
20: 1514 40.14 Portuguese 10-13: 2059 40.1 NNNWLLY (rtty ")
1524 34.10 Slavic? 22: 46.750 Cuba? @ 1450
1527 37.19 Dominican Rep. 1515 40.350 Mexico ?
2-26: 1924 40.855 Colombia 1524 34.055 Puebla, MX ?
27: 1412 34.525 Russian 1559 40.550 French
1546 38.320 Spanish 1540 40.855 Colombia
10-7: 1323 37.200 Spanish (ml.) 1619 33.9 Rus. & Ukrainian
10: 1830 40.100 NNNWLLJ (CA) 23: 1959 34.85 White Sands, NM
MARS rtty (60/850N) 2155 32.225 B.W.I.

VHF UTILITY DX

DECEMBER 1980

Donald L. Blevins, 1715 Earhart Road, Baltimore, MD 21221 Bearcat 210, 3-el hi-band, 6-el VHF tag, f-wave A/S groundplane; local time used

2-7-79: 0905 KDB682 42.54 San Juan Bau., CA 1128 KRF771 46.32 Pleasant Hill, CA
 2-9-79: 1902 KX775 42.90 Lufkin, TX-sp 0958 KCM941 46.06 Corvallis, OR-f
 6-13-79: 1933 KLD265 44.62 Jonesboro, AR-sp 1152 KMA392 45.98 Sonoma, CA-sp
 1942 KKB232 44.74 Forrest City, " 11-20-79: 1147 KME293 46.26 Garden Grove, CA-f
 2004 KSS283 44.66 Dumas, AR-sp 12-4-79: 1321 KMB332 46.06 Richmond, CA-f
 6-28-79: 1917 KSA235 42.36 Maryville, IL-sp 12-15-79: 2341 KXA258 155.70 Yardley, PA-p
 1924 KSD244 42.38 Stockbridge, WI-" 8-19-80: 2219 KAJ780 42.54 Duluth, MN-sp
 2146 KSB234 42.50 DuQuoin, IL-sp 8-20-80: 2527 KAG646 39.90 Pierce, NE-p
 2356 KIC469 155.64 Norfolk, VA-p 8-20-80: 0008 KDA455 39.46 Pratt, KS-p
 6-29-79: 0004 KOT335 158.79 VA Beach, VA-p 0032 KSB256 39.50 Mt. Carroll, IL-sp
 8-30-79: 2137 KGB243 45.46 Eagleville, PA-sp 8-26-80: 0055 KXA409 154.415 Chesapeake, VA-f
 9-13-79: 0100 KTL512 154.935 Scituate, RI-sp 9-13-80: 2039 KGR371 155.43 Ashland, VA-sp
 0229 KEA898 159.03 Rochester, NY-sp 8-26-80: 2258 KLL679 460.05 Williamsburg, VA
 9-25-79: 1140 KMA448 42.12 Sacramento, CA-sp 2230 KSS350 453.65 Newport News, VA
 9-27-79: 2377 KES266 154.40 Queens, NY-f 2511 KVV749 453.60 " " -p
 9-28-79: 0021 KJW597 151.355 NY, NY-p 9-14-80: 0050 KIK593 155.19 Suffolk, VA-p
 10-16-79: 2243 KIC398 154.875 Chesterfield, VA 0100 KTA789 460.10 Richmond, " "
 10-20-79: 1289 KMS20 42.45 S.L. Obispo, CA-sp 0113 KCM433 453.60 Shamokin, PA-p
 10-23-79: 1007 KCH704 42.88 Las Vegas, NV-sp 0115 KST203 453.15 Yorktown, VA-sp
 1107 KMH791 42.56 Oroville, CA-sp 9-21-80: 0121 KOP911 476.5575 NY, NY-p
 10-24-79: 1251 KPA409 42.50 Bakersfield, CA-sp

(about a dozen loggings under 100 miles were deleted here -pjd)

Now, my loggings, Bearcat 210 with 11-a gp at 14', Ballistics SK-62 with 30' wire at 12'; daily F2 MUF peak(s) noted (* Es, bs-backscatter) new underlined, GMT used (see the 4.5-50 MHz section at the end)

10-6: (see also 49's) 10-6: 1307 KCB364 33.70 Hubbardstown, MA-f
 1257 KCE526 33.70 Kennetunkport, ME-f 1327 KFN716 " Arundel, ME-f
 KCC997 " York Beach, ME-vf 1418 KBN912 33.46 Kerhonkson, NY-cf
 KCB256 " Kennetunk, " -f 1437 KCA346 37.54 Ellsworth, ME-he
 KCD306 " York, " -vf 1438 KCA305 " Edgington, " -u
 1259 KCD454 33.70 Hyannis, MA-fdi 1439 KCC405 " Bangor, " -he
 KCD244 " Falmouth, " -f 1502 K0.16 Canada (Fr.)
 KCD246 " S. Yarmouth, "" 1643 KCI299 35.22 New Haven, CT-tp
 1300 KCE271 " Harwich, " " NY, NY-tp
 KCE286 " W. Salisbury, "-cf 1758 KCB890 " Fall River, MA-"
 KCF358 " Centerville, "-f 2200 45.24/.25 New Zealand TV vid.
 KCD492 " Dennis Port, "" 10-7: 1250 KCB404 33.70 Ashburnham, MA-f
 KCD497 " Buzzards Bay, "" 1258 KDA383 33.90 Milford, NH-f
 KCD900 " Sandwich, " " 1259 KDC288 " Hollis, " "
 KCE596 " Wellfleet, " " 1305 KCD454, KDC271, KCE288, KCF358
 KCF574 " Orleans, " " KCD492, KCD498, KCD596, KCF574
 KCD697 " Mashpee, " " KCD594 33.70 Chatham, MA-f
 1301 KCD760 " Provincetown, "" 1305 KCD760; 1306 KCB781
 KCB781 " Osterville, " -f 1306 KCD845 33.70 Brewster, MA-f
 1307 KCA395 " Barnstable, "-cf 1306 KCD574 " Enthan, " "
 KCC705 " Gardner, "-f
 " " " Holden, " "

VHF UTILITY DX

DECEMBER 1980

(Dyer, cont.) 10-12: 1358 KCI299; 1810 46.74 Spanish
 10-7: 1840 45.26 NE video; 2250 46.25 vid.
 1309 KCF357 33.70 Boylston, MA-f 10-13: 1326 KCC825, KCC997
 1310 KCB890; 1403 37.36 Russian? KCD471 33.70 Welle, ME-f
 1434 KCC405; 1444 KCA346 1327 KFN716; 1400 35.67 R.Moscow-ha
 1555 KOK418 35.46 (west)-sp 1400 KCB890; 1440 37.54 US ne
 1542 35.26 Portland, OR-sp 1615 41.27 France (TV audio)
 KOP303 35.46 Langley, VA-sp 1632 KCI299; 1640 35.88 Russian
 1545 hi-37 Fr. Canada 1726 KOP303 35.62
 1638 KDB256 37.58 Seattle, WA-light 1727 IIF227 35.22 Honolulu, HI-tp
 1845 KOP303 35.62 2200 45.26 Spanish; 2210 KCI299
 1846 35.26 Seattle, WA-sp 2300 40.44 Pacific? 1925 35.64 R.Can. (Backville, NB)-ha
 2200 45.26 Spanish; 2210 KCI299 2342 KUA288 35.22 Portland, OR-tp
 2342 KUA288 35.22 Portland, OR-tp 10-8: 2143 KCB337 33.70 Sterling, MA-f
 1304 KCE288; 1305 KCF358 2146 KCF582 " Thomaston, ME-f
 1305 KCD492, KCD497, KCD498, KCD596 2154 KCH585; 2211 KCF357
 KCF574, KCD594, KCD760 2217 KCF264; 2315 45 NE videos
 1306 KCB781, KCD845, KCD574, KCD454 2347 37.28 Russian; 2350 37.70 Rus.? 10-14: 1332 KDA383; 1342 KCC405
 1323 KCA346; 1325 KCC405 1355 41.27 France; 1410 44.56 ae
 1331 KCA305 1428 40.18 Russian? 1430 41.5 BRC (TV audio)
 1332 KDA381 33.90 Wilton, NE-f 1555 KOP303 35.46; 1545 KCA346
 KCB585 " Rutland, " " 1714 KUA288; 1734 KCB238
 KNU877 " Templeton, " " 1804 KOK418; 1847 35.64 R.Can.
 KCD658 " Westminster, " " 10-15: 0045 38.21 Russian; 1300 KCC405
 1333 KCC705, KCB526 1334 KCR677 33.70 Fitchburg, MA-cf
 1334 KCR657 " Winchendon, "-f 1312 41.27 France
 1435 hi-37 Maine; 1455 KCB890 1341 KCA703 39.82 Fairhaven, MA-p
 1527 40.86 Bucaramanga, Colombia 1525 46.31 Spanish; 1804 KDB238
 1612 46.74 Spanish; 1614 KUA288 2222 KUA288; 2300 IIF527
 1615 KOP303 35.46 1628 " 35.62; 2313 40.68 Pac.? 10-16: 1303 KCD454, KCD244, KCD246
 10-9: 1348 KCC482 35.22 Concord, NH-vp 1304 KCF264, KCE288, KCF358, KCD492
 1348 KCB890; 1359 KDA383, KDA381 KCD497, KCD498, KCD500, KCD596
 1417 KCA346; 1428 KCC405 KCF574, KCD594
 1457 40.58 Fr. Can. 1305 KCD760, KCB781, KCD845, KCD574
 1515 KOP303 35.62; 1534 KCA305 KCF264 33.70 Truro, MA-f
 1553 KCB238; 1623 KUA288 1319 KCE362 33.82 NewtonCentre, MA-f
 1835 37.36 Rus.?; 1907 35.26 Seat. 37.36 Russian? 2302 KOP303 35.46; 2318 39.74 Rus.
 2048 45.26 Sp.; 2115 KOK418 1502 KTA288; 1520 KOK418 2333 46.25 Australian TV video
 2223 45 New Zealand videos 1552 KCB238; 1555 46.24 Spanish 10-17: (see also 50 MHz)
 2223 45 New Zealand videos 1645 KCA346; 1848 KCA305 0025 45.24 New Zealand TV video
 10-10: (see also 49-50 MHz) 1655 KCC405 1301 KCD454, KCD244, KCD246, KCF264
 1300 KR2283 33.90 Orford, NH-rf 1501 KOP303 35.46; 2003 45.26 N.Z. 1301 KCD271, KCE288; 1302 KCF358
 1300 KCD454; 1301 KCD244, KCD246 2135 46.25 Brisbane, Australia-vid. 1302 KCD497, KCD498, KCD500, KCF574
 1302 KCF358, KCD492, KCD497, KCD498 KCD594, KCD697, KCD760, KCB781
 1302 KCD500; 1303 KCF574, KCD594 10-11: (see also 50 MHz)(mag. storm) 1303 KCD845, KCD574, KCD692
 1303 KCD760, KCB781, KCD845, KCD574 1320 40.86 Bucaramanga, Colombia 1309 KCH585, KCF537, KAJ877
 KCF264 33.70 Truro, MA-f 2258 45 New Zealand videos) KCE553 33.70 Townsend, MA-f
 1319 KCE362 33.82 NewtonCentre, MA-f 2340 US 31's sw KCH239 " W.Boylston, ""

(Dyer, cont.)

10-17:
 1309 KCD658; 1310 KCH677
 1311 KAX916 35.70 Lunenburg, MA-f
 1312 41.25 France; 1335 41.5 BRC
 1354 KCC405; 1355 KCA305
 1358 KCI299, KEA860
 1432 KBC209 37.10 Bolton, MA-p
 1500 39's US ne; 40's Fr. Can.
 1510 43 Fr. Can. ?; 1516 46.24 Sp.
 1547 40.04 Russian; 2100 35.26 Seat.
 2300 45 New Zealand videos
 10-18: (see also 50 MHz)
 1302 KCD654, KCD574; 1335 41.27 FR
 1359 11-37 US ne; 1450 46.815 se
 1704 KUA288; 1920 40.64 Pacific?
 2277 KCI299, KEA860
 10-19:
 1301 KCR537; 1302 KRJ877, KCR553
 1302 KCH239, KCD658, KCR557
 1407 KCB990; 1505 41.5 BRC
 1615 39's US ne; 2130 45.14 Spanish
 10-20:
 1330 41.25 France; 1335 41.5 BRC
 1422 45 BRC video; 1443 45.36 B.W.I.
 1545 mid-39 US ne; 1810 43.06 Fr. Can.
 1920 KCI299; 2030 40.64 Pacific?
 2135 KEA860; 2155 45.26 Spanish
 2325 KUA288
 10-21:
 1311 KCA395
 KCD582 35.70 Harvard, MA-f
 KCC705, KCB364
 KCD353 33.70 Lancaster, MA-f
 KCB360 " Leominster, " "
 KAK916
 1312 KDN599 33.70 Faxon, MA-f
 KCR575, KCH585, KCB577, KRJ877
 KCR553, KCH239, KCD658, KCR557
 1328 45 BRC; 1343 41.25 France
 1343 41.465 BRC; 1437 40.19 Rus.
 1452 KCD626 37.54 New Haven, CT-water
 1525 39's US ne; 1728 46.24 Spanish
 1815 43.08 Fr. Can.; 2127 KCR238
 2305 45.25 NZ vid.; 2390 37.96 Rus. ?
 10-22: (see 49-50 MHz also)
 1400 41.25 France; 41.5 BRC
 1500 47.70 B.W.I.; 1600 39's US ne
 1710 41.96 Fr. Can.; 1923 KCR238
 1930 KCA305; 2130 46.25 beat
 10-23: (see also 50 MHz)
 1410 46.24 Sp.; 1643 45.36 B.W.I.
 1740 41.25 FR(ft); 1750 39's US ne
 10-24: (see also 50 MHz)
 1320 40.86 Bucaramanga, Colombia
 1325 KCC705; 1326 KCB364, KCD353
 1326 KCB360, KAK916, KDN599, KCR575
 KCH585, KCH239, KRJ877, KCR553
 1326 KCD658; 1332 KCD471
 1425 41.25 France; 1429 KCC405
 1455 41.5 BRC; 1500 39 US ne
 1520 45.7 Sp.; 1530 45 BRC (ft)
 1577 48.25 videos - likely African
 1815 42.98 ne Canada ?

10-25: (see also 50-MHz)
 1355 41.5 BRC; 1357 45 BRC (ft)
 1400 41.25 France; 1600 46.815 se
 1805 39's US ne; 1825 44.27 B.W.I.
 2017 43.08 Can. ?; 2128 45.25 NZ v.
 10-26: (see also 49-50 MHz)
 1335 41.25 France; 1427 41.5 BRC(ft)
 1440 low-40 Fr. Can.; 1500 39's US ne
 2350 40.64 Pacific?
 10-27:
 1342 KCC482; 1358 37.55 Russian
 1400 41.465 BRC; 1425 41.25 FR
 1442 45.7 Bogota, Colombia; KCA305
 1500 45 BRC(ft); 1510 47.62 Sp.
 1520 39's US ne; 1613 41.64 Fr. Can.
 1615 low-43 Can. ?; 2124 KCB238
 2209 KTL617; 2306 45.25 NZ video
 10-28: (see also 49-50 MHz)
 1400 KCD244, KCD246, KCD271, KCD288
 1401 KCD492, KCD497, KCD500, KCD556
 1401 KCD594; 1402 KCD697, KCD760
 1402 KCD781; KCD845, KCF574
 1410 41.25 France; 1420 41.5 BRC
 1431 KCG405; 1435 40.23 Russian
 1449 41.64 Fr. Can.; 1540 43.04 Can. ?
 1650 45 BRC(ft); 1820 KCA346
 1822 KCA305; 1847 KCR238
 2301 KOK418; 2308 45.28 Rus. ?
 2308 43.76 Russian; 2396 KUA288
 10-29: (see also 50-MHz)
 1329 KCA695 33.78 Manchester, NH-f
 1354 KCI299; 1355 41.5 BRC
 1409 KCA346; 1415 41.25 France
 1435 41.22 Rus. ?; 1444 41.00 Rus.
 1525 43.04 Can. ?; 1450 39's US ne
 1610 46.24 Sp.; 1550 45 BRC
 1638 41.64 Fr. Can.
 1714 35.26 Portland; 1716 KTL617
 1723 KCC405; 1837 KCR238
 1843 KCA305
 10-30: (see also 49-50 MHz)
 1325 KCA405; 1327 KCI299
 1358 45 BRC(ft); 1437 KCA346
 1455 39.75 MA-p; 1500 44 Fr. Can.
 1550 43.22 ne US; 1600 48.25 beat
 1705 43.81 Rus. ?; 1708 44.27 B.W.I.
 2302 40.69 Rus. ?; 2330 37.81 Rus.
 10-31: (see also 49-50 MHz)
 1513 KCA346; 1615 41.25 FR(ft)
 1633 41.5 BRC
 1750 35.50 Philadelphia, PA-up
 1755 KCC405; 1800 39's US ne
 1805 KCD626; 1920 35.26 Seattle
 1949 35.26 Portland
 11-1: (see also 50-MHz)
 0043 KLP527; 1410 41.23 France
 1410 41.5 BRC; 1600 39.50 NH
 1627 41.96 Fr. Can.; 1758 KOK418
 11-2: (see also 49-50 MHz)
 1329 38.85 Rus. ?; 1335 41.27 FR
 1343 41.5 BRC; 1403 45 BRC
 1427 KEA860; 1535 39's US ne
 1598 48.26 beat
 1798 39.26 Bend, OR-up

(Dyer, cont.)

11-2:
 1910 40.64 Pacific?
 1925 35.26 Portland; 2103 KCR238
 2255 43.76 Rus. ?; 38.00 Russian
 11-3: (see also 49-50 MHz)
 1305 KCB951 33.70 Welle Beach, ME-f
 1309 KCC350 33.90 E. Bridgewater, MA-f
 1321 KCC405; 1333 KCD626
 1334 KCA305; 1355 41.5 BRC; 41.23 FR
 1402 KRB29 39.10 Morristown, NJ-ig
 1405 43 Can. ?; 1410 45 BRC
 1714 KTL617; 1733 KCB238
 1734 KCA346; 1837 35.26 Portland
 1858 KOK418
 11-4: (see 49-50 MHz also)
 1347 KCI299, KEA860
 11-5:
 1347 41.25 France; 41.5 BRC
 1415 45 BRC; 1445 48 videos
 1537 41's MA-p
 1543 KCI295 43.22 Manchester, NH-tp
 1842 KTL617
 11-5: (see 49-50 MHz also)
 1316 KCB979 33.90 Norwich, CT-f
 1334 KCC405; 1344 46.815 se
 1347 41.5 BRC; 1413 45 BRC
 1420 41.23 France; 1535 42.34 NA-p
 1550 low-43 US ne
 1645 KOB677 42.88 Tillamook, OR-sp
 1654 43.26 sp-mobila units
 1705 KAA418 42.88 Astoria, OR-sp
 43.46 sp-mobila units

 49-50 MHz, Swan 250 with Ameco navigator preamplifier, 5-el Cushcraft
 horizontal Yagi at 23 feet with rotor

 10-6: 1555-1620 49.65/.7 Spanish; 49.89 ?
 10: 2110-2112 50.74 New Zealand TV audio
 11: 1412 49.65
 1420-1430 KCLBI 50.11 Quito, Ecuador (5 watts)
 1435-1450 49.65/.7 Spanish
 1505-1515 KCLBI
 1948 KENYC 50.1+ CA -be; 1958 50.74 NZ audio
 2005 50.76 NZ audio; 2005-2100 more CA be
 2302 50.74 NZ audio (Be link thru Mexico)
 17: 0010 50.75 NZ audio; 0100 much same; 0220 50.75 still in
 0218 IOTDE 50.09 Buenos Aires, Argentina (Be to TE link)
 0230 CPBAZ 50.09 Riberalta, Beni, Bolivia (in until apx. 0400)
 LU3EX 50.09 B.A., Arg.
 0300 PYZXB 50.12 Sao Paulo, Brazil
 22: 1510 FVTHF 50.098 French Guiana (fak beacon)
 1517-1615 49.65/.7 Spanish; 49.90 AM (unmodulated carrier)
 23: 1803 KH6IAA 50.1+ HI, HI; 1806 KH6EI 50.1 (ex beacon) Honolulu
 1806 KH6JJI 50.1+ Maui, HI; 1830 WABKLE/KH6 50.1+
 1855 f/outa
 1930 much the same, and KH6IJ 50.1+ , WRGADA 50.1+ Kauai
 2045 f/outa
 24: 1605-1630 EL2AV 50.04Q Monrovia, Liberia, Africa
 2232-2305 50.74/.76 New Zealand TV audio
 25: 1840-1850 KH6HI 50.1+ HI (be to south)
 26: 1355-1535 49.65/.7 Spanish; 1420 be to OH
 1430 FVTHF (briefly and faint)
 28: 1453-1555 49.65/.7 Spanish; 2149-2205 KL7NO 50.1+ Fairbanks, AK
 29: 1930-1945, 2000-2005 KL7NO
 30: 1355-1500 49.65/.7 Spanish
 31: 1345-1505 49.65/.7 Spanish
 11-1: 1415-1450 49.65/.7 Spanish; 49.90 AM; 1955-2000 KH6IAA
 21: 1450-1520 49.65/.7 Spanish; 2300-2305 49.75 video SW
 22: 1435-1440 49.7 Sp.; 2108-2113 KL7NO; 2255-0100 49.75 videos ne
 23: 1350-1505 49.65/.7 Sp., 49.99 AM; 1410-1500 49.75 videos ne
 1918-2025 KH6IAA; 2235-40, 2300-2345 49.75 videos ne
 24: 1925-2005 KL7NO, 2020-2115 same; 2135 AL7C 50.1+ Anchorage, AK
 2215 KL7JIE 50.098 Fairbanks; 2210-0100 49.75 videos ne
 2310 50.135 burst of JA's
 6: 0018 JA4MMX 50.090

 Late news - Nov 9-10 21-22z ED8TC (Ascension Is.) to Pacific nw
 10 14-18z Z83, Z86 to W8, 9, 8, W8, 4, 5, 6; W7 et al.

IN SEARCH OF POC

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IN SEARCH OF POC....This month's feature will focus on a most interesting source of enjoyment for many, the public utilities. Mr. D. Wilson of Kent, Ohio once again has come through to provide a most interesting package of information for your **DI pleasure.**

EAST OHIO GAS

37.90	KGB 411	Flymouth Township (Ashtabula "Lakeshore")	
40.62	KEM 437	Akron	158.265
	KEM 455	Dover	100 810 Akron
	KGD 891	Richfield (State Route 176)	EGU 921 Desdemona
	KGC 384	Cleveland (East 9th)	EA 5975 Mobiles
	KWV 455	Canfield (Austintown)	
	KCP 412	Doylestown (Chippewa)	451.125
	KQH 219	Fremont	WRH 302 Akron
	KQA 803	Jackson (North Canton)	
	KGA 402	Price	451.10
	KQP 966	Macedonia (Tadnburg)	Mobiles
	KQF 683	Sugar Creek Township	
	KCP 445	Temporary	500 On the Air
	EA 5122	Mobiles	502 Off the Air
40.86	KEM 457	Akron	503 Anything?
	KSM 768	Flymouth Township (Ashtabula)	504 Nothing
	KQD 384	Cleveland (East 9th)	505 Phone at Once
	KWN 471	Franklin	506 Phone Anytime
	KGC 266	Cambridge (Clayville)	507 Too Loud/Fast
	KJE 51.6	Richfield (State Route 176)	508 No Reception
	KEM 455	Dover	509 Repeat
	KQA 803	Jackson (North Canton)	510 Understand
	KXR 900	Temporary	513 Personal Distress
	EM 7172	Mobiles	
153.635	KZH 751	Akron ("HI-10")	
	MMH 398	Mobiles	
	KW 3835	Mobiles	
150.145	KDS 419	New Philadelphia	Washington Gas Light Company
	KQJ 353	Wooster	47.90 48.30 153.68 451.20 451.175
	KQC 977	Perry Township (Canton)	KFJ 595 Washington, DC
	KQH 330	Austintown	KGA 575 Springfield, VA
	KQ 721.8	Mobiles	KGA 576 Washington, DC
158.175	KJB 652	North Randall	KGA 577 Chillum, MD
	KQF 971	Westpark	KGA 578 Rockville, MD
	KUM 598	Cleveland	KGU 762 Lorton, VA
	KQ 721.8	Cleveland	KEM 591 Springfield, VA
	Mobiles		KEM 592 Middleburg, VA
158.19	WTD 312	Akron	KKH 435 Springfield, VA
	KQH 328	Akron (Cascade)	KKH 540 Springfield, VA
	KKH 327	Canton	KKH 882 Middleburg, VA
	KQD 829	Warren	
	KQB 883	Youngstown	
	KEX 704	Delphi	
	KQK 520	Marietta	37.64 Elkton, MD KAP 390
	KQF 454	Temporary	37.64 Bayview, MD KGG 743
	KA 5957	Mobiles	37.78 Bayview, MD KGG 743
150.205	KJB 650	Wickliffe (Northeast)	
	KJB 652	North Randall	
	KJ 3111	Mobiles	
158.25	KJT 956	Chardon	
	KQA 884	Cleveland (East 55th)	
	KQF 454	Temporary	
	EA 5975	Mobiles	

AT & T Mobile Telephone Frequencies

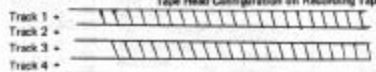
Channel	Transmit	Receive	Mobile Service Area	Channel	
20	43.26	35.26	-		
2P	43.30	35.30	-		
2H	43.34	35.34	-	Providence, RI	2L
2M	43.38	35.38	-	Albany, NY	2L
2A	43.42	35.42	-	Buffalo, NY	2A 2L
2Y	43.46	35.46	-	Johnstown, NY	2L
2R	43.50	35.50	-	New York, NY	2R
2B	43.54	35.54	-	Poughkeepsie, NY	2L
2W	43.62	35.62	-	Rochester, NY	2L
2L	43.66	35.66	-	Syracuse, NY	2L
			-	Utica, NY	2L
JL	157.77	152.51	-	Atlantic, NJ	2R
YL	157.80	152.54	-	Philadelphia, PA	2R
JP	157.83	152.57	-	Pittsburg, PA	2A 2L
YP	157.86	152.60	-	Uniontown, PA	2R
YJ	157.89	152.63	-	Wilmington, DE	2L
YK	157.92	152.66	-	Washington, DC	2L
YB	157.95	152.69	-	Larose, LA	2H
YD	157.98	152.72	-	Akron, OH	2R
YR	158.01	152.75	-	Cincinnati, OH	2A
YK	158.04	152.78	-	Cleveland, OH	2A
YR	158.07	152.81	-	Columbus, OH	2A
			-	Ironton, OH	2A
QC	459.375	454.375	-	Lima, OH	2A
QJ	459.40	454.400	-	Lorain, OH	2A 2R
QD	459.425	454.425	-	Steubenville, OH	2R
QA	459.45	454.45	-	Youngstown, OH	2A
QE	459.475	454.475	-	Detroit, MI	2A
QF	459.50	454.50	-	Wauau, WI	2A
QK	459.525	454.525	-	Jefferson, IA	2R
QB	459.55	454.55	-	West Branch, IA	2R
QO	459.575	454.575	-	Duluth, MN	2A
QR	459.60	454.60	-	Ely, MN	2R
QI	459.625	454.625	-	Fergus Falls, MN	2R
QF	459.65	454.65	-	International Falls, MN	2R
			-	Two Harbors, MN	2R
Augusta, ME	JR			Alpine, TX	2M
Bangor, ME	IJ			Bellingham, WA	2O
Bolton, ME	IY			Centralia, WA	2O
Leiston, ME	JP			Langley, WA	2Y 2W
Lovell, ME	IL			Seattle, WA	2O
Warridgewick, ME	IK			Bend, OR	2O
North Anson, ME	IF			Eugene, OR	2O
Portland, ME	IY			Glade, OR	2Y
Presque Isle, ME	JP			Lyons, OR	2Y
Rockland, ME	JP			Portland, OR	2O
Stratton, ME	IY			Roseburg, OR	2O
Strung, ME	45			Salem, OR	2O
Union, ME	JK			Sakersfield, CA	2M
Unity, ME	YS			El Centro, CA	2M
Boston, MA	JL YL YF YI YJ			Fresno, CA	2M
Brookton, MA	YS			Lebanon, CA	2M
Hyanis, MA	JS			Los Angeles, CA	2M 2Y
Lawrence, MA	JP			Modesto, CA	2M
New Bedford, MA	JP			Oakland, CA	2Y
Pittsfield, MA	YS			Sacramento, CA	2M
Springfield, MA	JP YK			Salinas, CA	2M
Worcester, MA	YS JR			San Diego, CA	2Y 2Y
Contoocook, NH	JL YL			Ventura, CA	2M
Dover, NH	JS				
Hillsboro, NH	IR				
Manchester, NH	IY				

Some of the best DX that I have received came before tape entered my life. I am sure you, too, have memories of really good DX that are only that—memories, substantiated by listings of what you heard in a log or as a letter of verification of what you received. Log listings are essential, of course, for your own records and for the club's statistics section, and verifications are nice for those who go in for QSL collecting. But the proper use of a tape recorder while DXing can do a lot to enhance your hobby. The recorder can be cassette, eight-track or reel-to-reel, monaural or stereo. While most of the specific advice I will give pertains to reel-to-reel, certain principles of recording are common to all three systems.

You need not spend a large sum on a tape recorder. Used reel-to-reel recorders are perhaps the best deal. Gadgets such as automatic reversal of tape, extra-large reel capacity, sound-on-sound, and Dolby might be nice to have, but are not necessary for recording DX. Reel tape, too, is cheap, and can often be bought at rummage sales, begged off radio stations for free, and spliced together easily by the recorder. All cassette recorders I know of have "automatic level control," which sets the recording level a certain way so that all sounds come onto the tape with the same approximate degree of loudness. This is bad for DXing, and for making off-air radio "air checks." I will discuss "air checks" later. A few cassette radio recorders include a switchable ALC control (such as the General Electric 3-5255 AM-FM Stereo radio cassette recorder at about \$175). Another good feature on cassette recorders is an auxiliary input jack (the GE mentioned above has such a jack). This enables high-level inputs, such as an FM tuner presents, to be recorded without distortion. Cheaper cassette recorders, with only a microphone in jack, require the use of a resistor patch cord for the tuner's audio to be properly recorded. When you go to a resistor patch cord for taping DX you introduce fidelity loss and increased hum distortion onto the tape.

A good feature to have on any tape recorder or tape deck is a cue control. This allows you to selectively stop the recorder while you are tuning for DX, with the record and audio-level controls unchanged. When the cue is released (usually a one-finger operation), your recording continues at full speed ahead (but, of course, not fast forward). Thus you don't have to firmly press the "record" and "play" buttons. A lockable cue is better than a cue that you have to hold all the time. When DX is pounding in, such as it did June 18, I don't like to record the entire eight hours or so of the DX. My time to listen to tapes is limited; therefore, I do not usually tape while tuning across the dial, but once tuned into a station about to identify, then I let the tape roll. Otherwise, the cue holds the tape apparatus in readiness. While I may tape a little of a station's music to preserve the flavor of its programming, my main interest is in taping its legal identification, usually given and required by the Federal Communications Commission, on the top of the hour (or within a few minutes of that time). I may also tape commercials, beginnings of newscasts, etc., for detail to be used in writing a letter (reception report) seeking a verification from a station.

My recorder happens to be stereo, but even if I am taping a monaural station or have the receiver turned to "mono," I record on both stereo channels. The objective is to record the maximum width of tape that your recorder will allow when it is going forward. A four-track stereo recorder will normally



record on tracks 1 and 3 of the tape. If the tape is reversed, then tracks 2 and 4 would be utilized. If you can fill both tracks 1 and 3 instead of only track 1 or track 3, your tape will usually be recorded at a higher audio level and be less susceptible to "drop out" because of aberrations in one of the tape tracks. Therefore, I use two patch cords between my receiver or tuner and the tape recorder.

Now, for the most important tips to follow. Only record on one side of a tape. Never reverse tape. Have plenty of tape on hand so that when DX is pounding in you can go to a new reel or a new cassette. Do not waste time rewinding tape when DX is heard. You can get perfect recordings of DX with just one tape recorder; you don't need a second one in readiness for when the tape ends on the first recorder. Just put aside the tapes that have made their one-way excursion through the recorder, grab a new tape, transfer the used reel to the take-up side of the machine, and you are ready for more exciting taping! Remember, to minimize tape handling, use long tapes, if possible. A long tape for reel-to-reel would generally be on a 7-inch reel, and for that you need a 7-inch take-up reel. If you happen to be using a 5-inch tape, wind the 5-inch tape onto a 5-inch take-up reel. You will need all the take-up reel capacity you can have when DX is coming in, and if the tape you are about to use is on a 7-inch reel and this is the only clear reel you have is a 5-inch you are headed for trouble! Later on you can do the tape rewinding. No matter how selectively you do your recording, however, after you listen to the tapes, you will discover a lot of garbage that you wouldn't care to hear again, including something my wife, Carol, calls "static." All of this you will want to edit out if you want to keep the good stuff—such as IDs of rare DX.

Do your DX taping at 7 1/2 inches per second! The high speed is on your recorder to permit you to record with better fidelity than is possible at 3 3/8 ips, 1 7/8 ips, or even 15/16 inches per second. True, recording at 7 1/2 ips uses up tape at twice the rate that recording at 3 3/8 ips does, but the fidelity is so much better that it is definitely worth it. When you record at the faster speed, you can go back and pick out an ID or other program details from the mush that would be possible if recorded at a lower-fidelity slower speed.

An even better reason for using 7 1/2 inches per second is that you might want to go through your tapes and edit out the garbage, saving only the IDs and other good stuff. You could take tape splicer in hand and razor blade and splice all that stuff out, but that is a laborious process, and it results in a bunch of spliced tape stock for you. The best way is electronic editing, using two reel-to-reel (or cassette to reel-to-reel) editing, where you save only the good material on the tape. To do good edits, as this process is called, requires tapes that were recorded with as good a quality as possible in the first place, hence the need for 7 1/2 ips exclusively when taping for DX purposes. Then the tape you had the DX on originally can be erased and used again. The best erasing is with a bulk tape eraser. This is by far the best method of clearing cassettes and eight-track cartridges, as well as reel tapes, of all previous material from all tracks simultaneously. An el-cheapo model is listed in the McGee Radio Co. catalog (1901 McGee Street, Kansas City MO 64108) at \$26.95. We have been using it at V-91 radio, and find that it has a cheap switch which had to be replaced with a heavier-duty momentary switch than the one it came with.

Many people mail DX tapes to me, and not only do they send material at 3 3/8 ips or 1 7/8 ips, it includes a lot of songs and extraneous programming. When you mail a tape to a fellow DXer or to a radio station along with your reception report, send only an "air check." Never, unless you have a definite reason for doing so, include entire musical selections. When you sense that a song is ending, start your recorder, tape all of the announcer's chatter between records, and then stop the tape after the intro to the next song is said. If commercials are similarly deleted, you could present the flavor of an entire hour's programming on a radio station in as little as two to three minutes. By selectively editing what you mail on you can use 7 1/2 inches per second with all its fidelity advantages, and still not have to send a long tape, probably a 5-inch tape at the maximum would be sufficient. Little 2 1/2" to 3" tape reels do not play on professional machines found at radio stations, so be careful about sending tapes like that if you want a station engineer or manager to hear his or her station as you received it. Be sure, too, that the tape you are sending has been bulk erased, or is a new tape, so that nothing else is on tracks you have not recorded on. Some stations utilize full-track monaural recorders, and anything else on your tape could be heard in backwards rendition along with what you intended the folks in "radio land" to listen to.

Most radio stations and fellow DXers now have access to cassette recorders, and here it is better to use quality tape, especially in the C-60 mode and longer, that won't bunch up around the tape capstan. For tape dubbing, I have found that dubbing from reel-to-reel onto cassette results in better quality than when you record from cassette to cassette. But most of my experience with cassette has been with lower-priced units, and it is possible that with better component-quality stereo cassette equipment, results could be close to what you might expect with reel-to-reel equipment at 3 3/8 inches per second. Tape is a lot of fun, and can add much to a DXer's enjoyment of the hobby. Use it well, and I'm sure you will enjoy going back over past DX, especially during the winter months like now when there might not be too much new DX to hear. Furthermore, when you have guests over, you might make some converts to DXing by playing them evidences of your "strange" hobby!

[The author offers copies of his Duluth, Minnesota, DXing, in an FM DX tape, containing almost 100 FM station identifications, with examples of sporadic-E skip, ionospheric DX, and meteor scatter, for \$1.00 from Box 261-RSC, Kearney NE 68847. That tape is at 7 1/2 inches per second, full-track monaural, reel-to-reel.]

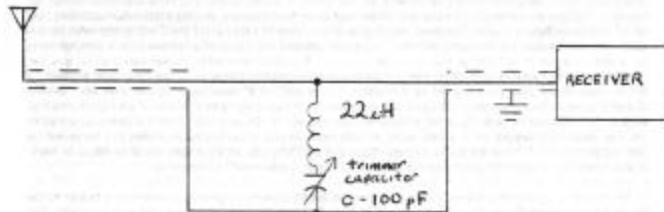
□

MORE ABOUT CAR FM FILTERS

BY PETER WEEKS

This is a sequel to the article (published February, 1980 YUD) regarding car FM filters.

Fundamentally, this was a set of experiments to deal with overloading problems caused by 5 high-powered FM stations radiating from the CN Tower (1/2 mile high) about 4 miles from here. Reception of certain Buffalo stations (across Lake Ontario, about 80 miles or so away) was greatly helped by a couple of simple LC filters connected across the antenna lead and ground a few inches from the receiver input, thus:



Tuning this to the minimum interference point for the strongest offending station also reduced interference from other stations that might also be audible at that point on the dial.

But one problem with this is that a given setting affects reception of other stations near the point of resonance. In other words, there is a noticeable "insertion loss", for example, when this filter is tuned to 104.5 MHz to eliminate CHUM-FM Toronto, in order to clear up interference with WNEB-FM Buffalo at 94.5, there would be some loss of the desired signal. I did mention compromises which would weaken the effect of the filter, while still enabling it to do the necessary job. But I am wondering still if someone can come up with any of the following improvements--to make it a narrower-band filter with a sharper resonance curve:

(a) using an "active filter", although what I have read seems to indicate that they are the most suitable and successful at much lower frequency ranges, particularly at audio ones (as in equalizers),

(b) a multi-stage passive filter for more selectivity,

(c) a multistage filter that would allow for filtering of 2 or 3 specific frequencies at the same time.

Are RC filters rather than LC filters the way to go here?

With my new car, a Datsun 8210 with a Clarion AM-FM mono set, I have far fewer problems with overloading, such that simple filters are adequate most of the time, if they are needed at all. But I have noted considerable success with an FM booster sold by HAMERONICS (65 Moul Road, Hilton, NY 14468), model F14, a VHF preamp. Unlike most, this is a TUNED circuit

MORE ABOUT CAR FM FILTERS

which is about all that could work in this location. The range for which it is designed is rather narrow, but by attaching knobs to plastic screwdrivers for tuning the coil slugs, I can conveniently cover from 88 MHz to just over 92 MHz, ideal for the educational FM section of the band, and particularly the station I wanted to receive more clearly for their jazz broadcasts, WPMO Buffalo, whose power is only 21,500 watts. The gain is quite impressive, and has enabled some good DX--from such stations as WUOH Ann Arbor, MI, WRVD Oswego, NY, WYSU Youngstown, OH, WESU Kent State University, OH, WQED Pittsburgh, PA, and WQLM Erie PA on the adjacent channel to our local CJRT, a 50 kw at 91.1. This booster with its tuned circuit serves to assist the filtering out of the CN Tower stations further up the band starting at 94.1 MHz. Is anyone familiar with other TUNED FM boosters which would cover the whole band, or adapting fixed ones like Winegard's for locations where overload is a problem?

If anyone wants further details about the switching and by-pass circuits that I use for the combination of the booster and filters, I'd be glad to oblige.

73's, Peter Weeks
95 Burnside Drive
Toronto, Ontario
CANADA M6G 2M9

TECHNICAL TOPICS (continued from page 13)

Q: "I read that when you stack antennas, you should use only a "hybrid" type combiner. What is a hybrid combiner?"

A: Hybrid combiners (also called splitters, or splitter/combiners) are coupling devices that allow signals to go in one direction only. When a hybrid splitter/combiner is used as a combiner, the output of the combiner contains the sum of the two input signals, while the signals remain effectively isolated from one another. If you're stacking antennas for best DX performance, make sure you use a good quality hybrid-type combiner. They are more expensive than resistive-type combiners, but cause much less loss of signal. The most important thing about the hybrid combiner is that it allows the signals from the antennas in a stack to add together in such a way that a very deep signal null can be created in certain directions. Other cheaper types of splitter/combiners can't do this, because they don't offer the high amount of isolation between input signals that hybrids do.

Q: "Stacking antennas will give increased signal gain, but isn't it easier to just get a preamp--to give the same results?"

A: When antennas are stacked for DXing purposes, it's not so much for the increased gain. After all, stacking two identical antennas produces only 3 db signal gain, which would hardly seem enough to justify the cost of a second identical antenna to many DXers. The real value of such an array comes in the deeper nulls that are created, such as in the case of a horizontal stack. The gain that a preamp gives you, and the increased gain of a stacked antenna array are really two different types of gain, even though they can both be expressed in db. A preamp won't be of much use unless its noise figure is lower than that of your tuner--and even then it may be overloaded by strong local signals. A good antenna stack, on the other hand, will give you many more DX opportunities than you would have had without it, because along with the gain increase comes increased directivity. This improvement in DX system performance is usually more important on the FM and highband VHF TV bands, where it can be of use in "digging" weak signals out of a crowded channel during an intense tropo opening. Stacking antennas for DXing is rarely easy--and almost never very cheap--but is probably the best way to add new stations to your log on the high-band VHF TV and FM channels.

QSL CORNER

Thomas J. Vingling, Jr.
221 Pinewood Beach
Baltimore, MD 21222

FM-QSL's

- Ont GPHO 93.9 Ottawa, 150 Isabella St. Old card from signer Mr. Coach 1 Chernoc
GBOK 107.5 Kingston. CBC card from public relation, no signer, received during
visit to CBC Sq's in Toronto, Ill Gerrard E. Chernoc
CHIN 100.7 Toronto, 637 College St. Letter from Frenor Joles (?) Tech. Super.
reply in over 1 year, after 8 follow-ups. I visit station later on
& got 30 buttons, 50 skeds was offered 250, but my wood stove is
too small. Chernoc
- IA KLEF 100.3 Des Moines, 1100 Walnut St. Letter from Robert G. Engelhardt, VP &
TU, mentions he enclosed a "DX report card", but no enclosure. Cooper
KSUI 91.7 Iowa City, University of Iowa. Letter from George S. Klingler, Asst.
Dir. of Broadcasting. Cooper
- IL WSWT 106.9 Peoria, Box 3335, W. Glen Stn., 61614. Letter from Don Moreland, CE
reply in 2 weeks. Ross
- LA WREZ 97.1 New Orleans, 601 Loyola Ave, Poydras Plaza, 70113. Letter from Tim
Anderson, CE on "B-97" stationary, enclosed a "Super Card" (just like
a credit card) Chernoc
- WBNO 99.5 New Orleans, 4539 I-10 Service Rd, Metairie, LA. Letter from Joseph H.
Costello III (?), Pres. & GM. Sq's for company includes stations KHCN,
KSMI, KXAT, KMLA. Send a *WBNO Book 99* license plate, & the shipping
weight (very nice...I got one from WLOP-am, ed.) Chernoc
- MA WJLM 93.3 Taunton, Box 2, CE Steve Sorul states WJLM will permanently leave the
air on 8/12/80 (now in the past, ed.) yielding their dial position to
WJAH, Providence, RI now on 92.0KHz, AM. Cooper
- WJUC 99.9 Barnstable, 737 W. Main St, Hyannis, 02601. Letter from Donald P.
Moore, Pres. Cooper
- WPOL 104.3 Fitchburg, Box 960. Letter from David L. Coder, CE. Cooper
- WYCR 88.5 Asherst, University of Mass. Letter from Charles Ferguson, CE Cooper
- WRPE 91.5 Rockland, 31 Goddard Ave, 02370. Letter from Steve Bodkewitz, SM
ten watie, send form letter. Cooper
- WUCB 102.5 Waltham-Boston, 02150. Letter from Dave Tucker, VP of pro. Cooper
- NO KGBW 92.1 Sedalia, Box 1056, 65301. Send back my prepared form letter from
signer Carl Eimerschied, CE Eddie
- KMHR 88.5 Holla, 3-6 Library, University of Missouri-Holla, 65501. Letter from
Jeffrey R. Stoll, CE. Hespel
- KMSU 90.7 St. Louis, University of Missouri-St. Louis, 5001 Natural Bridge Rd,
63122. Letter from Dave Obergosener, CE in 2 weeks. Hespel
- NE KBNH 106.3 Blair, 1621 Washington St, 68008. Letter from Roy Brown, General
Manager answering for Arvin Heras, CE. Eddie
- KKCT 97.7 Nebraska City, 121 N. 8th, 68110. Letter from David J. Messing,
General Manager. Eddie
- KVXI 102.7 Lincoln, Box 9, 68209. Letter from Kenneth Beckwith, CE. Eddie
- SD KDLQ 96.9 Garden City, 4 501 S. Phillips, Sioux Falls, SD 57102. send a QSL-
Card from L. S. Artus. Holbrook
- TX KLSB 93.7 Austin, 910 Brazos, P. O. Box 1209, 78767. Letter from Lou Montgomery,
Asst. GM. Owner is Johnson Co. Inc., the family of late President
Lyndon Johnson. WJW 1 Chernoc
- KLUR 99.9 Wichita Falls, 4302 G. Call Field, 76307, or Box 5344. Friendly letter
from Bill Michaels, DJ & music director, send qsl letter & bumper
sticker from Willie Nelson's Texas World Music Festival. Chernoc
- VA WYOC 90.5 Chesapeake City. Letter & very specific veric text in 1 week from
Jack Garrison, Mgr & CE & Instructor of Broadcasting. He misunderstood
the nature of skip by referring to a possible undesirable "tilt" in its
antenna pattern that does not show up in "close in" measurements. My
report is first from anywhere outside their market operation. Wood

Reporters this all FM QSL Corner are: Seal Chernoc of Toronto, Ont; Ernest R. Cooper of Provincetown, MA; Robert S. Ross of London, Ont; Richard T. Eddie of St. Louis, MO; Bob Hespel of Hanson, IA; Hank Holbrook of Chevy Chase, MD; & Richard L. Wood of Cape Girardeau, MO. Welcome to new report Bob Hespel this month. 73's & good dx in wintertime.

1980 WTFDA CONVENTION REPORT

The first weekend of August, 1980 brought 36 avid VHF-UHF DX enthusiasts to the Dunkirk, NY area for the twelfth annual WTFDA convention. The gathering was hosted by veteran TV DXer Bob Seybold at the Seybold family farm, with accommodations nearby at the Vineyard Motel.

The first arrivals on Friday (August 1st) evening were treated with excursions up to Bob's hilltop DX location, several miles away (and several hundreds of feet higher) from the Seybold farm, a location where 300-400 mile UHF is present with fair-to-excellent signals on the simplest of DX equipment on the average summer evening. Meanwhile, down at the Seybold family farm, DX "gab" sessions were getting underway as the evening progressed. As the ranks of arriving DXers grew, plenty of refreshments were consumed as signs of a slight tropic opening were detected.

Things got into full swing Saturday (August 2nd) morning. As rain came to Dunkirk that morning (oh, well--it was good for the grape crop!), signs of building tropic diminished. At the same time however, S-skip was noted by several DXers--first on the 6-meter (50 MHz) amateur radio band, and then into TV channels 2 and 3 for a brief period.

The later part of that morning saw the first of several equipment demonstrations, the most fascinating of which was Jerry Police's. Jerry had brought along his VHS-format VCR, and displayed tapes of his astounding reception of British and European video signals via F2 during the winter 179-180 DX season. Jerry had assembled a fascinating collection of video images of an actual real-time F2 opening. The amazed attendees got to see what a 3000-mile-plus skip opening looks like, complete with the fading and smearing patterns that are characteristic of this exotic DX mode.

Massachusetts DXer Bill Grant displayed his European standard TV receiver, and showed us what the North American local signals looked like when viewed on a set with different video standards. Needless to say, it wasn't very useful for domestic TV DXing, but during the F2 skip season, you could have viewed European video with its built-in antennae!

Following the demonstrations and some informal talks, the group moved to the Vineyard for the traditional banquet.

The meal was followed by a brief talk and "Q and A" session by engineer Joe Gragg. It seems like Joe's technical talks are fast becoming one of the highlights of WTFDA conventions, as there were plenty of questions for him from the attendees--and Joe enlightened us on everything from mediumwave propagation to galactic noise levels.

After Joe's "chalk talk," it was time to return to the farm's DX site in the Seybold barn, where more informal talks were given. F2 skip DX was a big subject with many of the conventioners, with a lot of information exchanged about possible DX targets in Europe in F2 range of North America.

There was plenty of time to check DX equipment--and also plenty of time for more DX gab sessions. As the evening went on, several more DXers went up to "The Hill," to see what conditions are like up there "between" openings (the 300-400 mile UHF DX seems to hang in there, even during rain!)

Sunday morning started early (too early for some DXers), with the club business meeting. The state of the club, and its future, was discussed, along with printing problems, and suggested projects, as well as staff changes. Major announcements centered around staff changes, with Jim Alexander taking over as club bookkeeper on a temporary basis, and the closing of the old Deerfield, IL club address.

At the close of the meeting, the formal part of the convention was over, with the drawing for door prizes. Among the lucky winners were Ontario DXer Mike Held (Vineyard IC-4990 UHF preamp, donated by Bob Seybold) and Illinois' Steve Shaffer (Archer Y-100 VHF antenna, donated by WTFDA).

WTFDA is grateful to Bob Seybold for another fine job as convention host. We'd like to thank all who attended, and those who assisted Bob. See you at next year's convention!