# From The Staff:

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

CONVENTION '80...Host Bob Seybold reports that this year's WTFDA Convention should be a great one. If you're making your summer travel plans (now's the time!), mark down August 1-3 on your calendar, and make the Chautauqua area of western New York State your destination. Dunkirk NY, site of the 1970 and 1973 WTFDA outings, will again be our convention city--and it's a super DX site too! We'll have more details in the next two issues--be watching for the 1980 Convention Registration form next month.

CONING SOON...The MTFDA TV Station Guide will shortly be available, and we've got some great news. By special arrangement with the publishers of TV Factbook, a renowned TV broadcasting publication, the computerized station lists will be up-to-the-minute. TVSG editor Morrie Goldman reports that we'll also have Ron LeBlanc's super channel maps again, a feature of the TVSG which makes it unique.

CAPTAIN VIDEO...That's what the Milwaukee Journal calls TV DXpert and WTFDAer Dave Janowiak. An April 24th feature article detailed how he got into the hobby, and included photos of Dave's DX den and antenna set-up. A nice plug for WTFDA was included, and may result in a few new members from Misconsin. Hice going, Dave!

MORE TECHNICAL TOPICS... You may have noticed that the TECHNICAL TOPICS column is now a monthly feature. If you have a question about some technical aspect of the VHF/UHF DXing field, send it along to WTFDA HQ or Bill Thompson (address on back cover). We can't promise personal replies to each question, but we'll try to field the tough ones to the experts in the club, or answer in the best way possible.

ANARC '80...ANARC Convention publicity chairman Pete Grenier is looking for 35mm slides of past ANARC conventions. If you've attended this event in the past and have slides, Pete would like to hear from you. Mark them with your name and address and send them to 927 Pasadena Avenue, Azusa, CA 91702. More info on this year's ANARC meeting appears on page 21 of this issue. All DXers are welcome!

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MAILBOX

John Zondlo 1802 N. Rockwell Apt. 107 Bethany, OK 73008 (405) 787-3717 Deadline: 10th

New Members: David Austin G. Cranston Bonnell Steve Chudoff David Delatte Harold Lane, Jr. Kent C. Macklin John Ridge Robert Schweitzer Tom Venney

1800 Lexington Ave. 404 Albert St. 3628 Genesee Drive Route 2, Box 97B 730 Concord St. Box 70 1 Ira Court 7 Madeline Ave. 4890 Monteray Ashland, KY 41101 Fredericton, NB E3B 2B8 Philadelphia, PA 19154 Jackson, LA 70748 Carlisle, MA 01741 Steward, IL 60553 Brooklyn, NY 11229 E. Brunswick, NJ 08816 Midland, MI 48640

Renewals:
Robert Baker, Phil Boersma, John Bolduc, Danny Buntin, Lynn Burke, Thomas Cornell, Richard Culin, David Curvin, George DuBois, Richard Eckman, Richard Eddie, Eric Fader, William Feidt, Gray Fulk, Roger Gravelle, Ronald Green, Gerard Hart, Harry Hayes, William Hepburn, Hank Holbrook, Ronald LeBlanc, J.A. Markewicz, Fred Nordquist, A. Robert Pantazes, John Robertson, Craig Simons, Joseph Smith, Jr., Phil Sullivan, Pete Taylor, Lee Vulgamott, William Welch, Mike Worst.

Rejoins:
Dr. R.B. Ammons-411 Keith Ave.-Missoula, MT 59801
Charles Zipser-c/o Courtney Lock & Hardware-2242 Jerome Ave.-Bronx, NY

Address Changes:
Doug Everitt-4700 N. Shady Lane, #252B-Enid, OK 73701
Paul Petosky-Box 537-Munising, MI 49862
David Wilson-Mathematics Department-Kent State University-Kent, OH 44242
Mike Worst-6250 Ivanhoe Lane, #215-Beaumont, TX 77706

Renewals Due in June:
Richard N. Allen, Arthur Amorin, John Basehore, Ken Blair, John Blue,
Andy Bolin, Joe Bradley, Jim Brann, Walt Breville, John Combs, Tim Cronin,
Robert Dally, Jr., William Eckberg, Lawrence Glass, Bruce Hammond, Dave
Hascall, Bill Heusmann, Thomas Holmes, Jim Hopkins, George Jensen,
Leonard Jozwiak, Michael Lapinski, Rolland Lindblade, Eldon Luoma,
Andrew Mahoney, David McBride, Fred McCormack, Terry Morris, Gordon Nelson,
R. Colin Newell, John S. Phillips, John Pilger, Ron Schatz, Kevin Slater,
Lexington Smith, William R. Smith, Steven Sprachman, Ralph Strobel, Martin
Theil, Alphonse Tobia, Mel Wilson.

First off, we welcome new member DAVID AUSTIN to the club. David will give us a complete intro in Tidbits.

Bayou country brings us DAVID DELATTE. He's into FM-TV, BCB and SW, and belongs to MVDXC, NNRC, NASWA, IRCA, AYDXC, WDXC, MTDXA, AIDX, CIDX and TSWA. His receiver is a Panasonic RF-2200.

From the ranks of RCMA and SPEEDX comes new joiner HAROLD LANE, JR.

Harold's gear includes a Bearcat 250 and a Panasonic RF4900.

A farmer, KENT MACKLIN lists his interests as BCB and TV DX. Clubs which also claim Kent as a member are RCMA, SDDXC, LWCA, NRC and CIDX. Equipment in his shack includes a Panasonic stereo, Realistic DX-300, Bearcat 250, Bearcat 220 and Realistic Pro-2001

TOM VENNEY is mainly into FM because of interference from his local cable company that jams TV reception. He uses a Midland B&W TV, a Pioneer SX-550 receiver, and a 21 element Winegard antenna turned by an Alliance rotor. He hopes to also get into shortwave DXing and ham radio. Tom invites Michigan members to give him a call at (517) 496-3755 (and he probably wouldn't mind hearing from non-Wolverines, either, hi).

Tidbits....

First off, we have bed news on the home front here in OK. A recent break-in cost me my ST5130 tuner, FRG-7 communications receiver, Bearcat 210 scanner, a Realistic stereo, cash, a credit card, and a bedsheet.

Mailbox

I have faith that it will all be returned. If snything, it's tought me that I can up in but by when I have to, hi.

As promised, we have an ineve to, hi.

As promised, we have an interior partial austine "I'm 10, a sunder majorire to a conting at have a University, Hundlegton, WV. I hope to graduate either in 181 or 182 or have cathered. F spend much of my spare time DXIng and Tiddling with TV antennas and TV equipment in general. I've heep booked on TV DV. general. I've been hooked on TV DX since I was 12, having logged TV stations from several states and provinces. Though I'm not much into FM DXing, seeing the logs of FM stations in the VUD may entice me to give this a try, too. My receiving equipment is pretty much standard fare. I'm hoping to get hold of a super VHF-UHF antenna array with rotor one of these days to pull in the Columbus and Cincinnati stations for day-to-day viewing, as well as for better DX. I'm at somewhat of a disadvantage for DX, as one of the local stations (WSAZ-TV, Huntington) kicks out a powerful signal on channel 3, and a CATV line runs right in back of my home (plenty

of ORM on 2, 4, 5, and 6!!)."

Next up, we have these words from George DuBois of Portland CR: "What's happening to the VUD? I just renewed my membership, mainly for the 'utility' column, and the first issue after I sent the check has Dyer's column missing. The March issue, which came in April, is rather thin, but you still found space to devote an entire page to the ravings of some poor soul obsessed by another cult (they're all cults, it's just a matter of degree). It's too bad he finds it necessary to spend his every hour spreading his word (small 'h') rather than work at something more productive, but why attack anyone involved in any kind of hobby ('the pleasures of the flesh?') while apologizing profusely the whole time? How about a little less evangelicalism, a little more DX?" First, George, let me comment on the first item. We're still looking for Pat's column. It appears to have been lost in the mail, as Bill Thompson didn't receive it and it wasn't returned to Pat. On the second item. Webster's would agree with you, although common usage wouldn't. John Combs has a right to his say, and you're getting yours this time around. I don't feel attacked by his comments...in fact, I'm persuaded in a different direction, though I share many of his beliefs. The 14th chapter of Romans will help explain his comments, if you'd like to check it out.

Recent new member Frederick Martin (12 Eversdale Court. St. Louis. MO 63124) would like some help: "I have an old National HRO-50 T1 receiver in good operating condition. This set has interchangeable coils to tune the various frequencies. Unfortunately, I only have the coils for 1.6 to 32 MHz. Also unfortunately, the company is out of business. I know they made coils for the broadcast band (.55-1.6 MHz) and I think for FM. How would you go about locating a set of these coils for purchase?"

Well, it is time to plug the plugs again, hi. As promised in an earlier VUD, we now have some items available which can help you let people know about WTFDA. First oif, we've prepared some public service announcements which your local radio or TV stations can use (or cable companies). Remember, we are a non-profit organization. We can send the station written copy or fully-produced recordings on a 5" reel, or both. It's up to you to make contact with the station and see if they're interested. If so, let us know! We also have articles on TV and FM DXing which can be used in your local newspapers or magazines. Again, make contact with the pubs and let us know (not that kind of pub, hi), And don't feel bashful about promoting yourself to the station. Many stations look for people with unusual hobbies for their talk show, and papers always need feature material, especially for weekend editions. You might also call in on a local talk show to tall the folks bout the hobby and give WTFDA a plug . Sources windicate recent mentions on the Larry King show and other well known progrems setted one of the BCB clubs approximately 800 inquiries we we been flooded with sample requests in recent months, thanks mainly to mentions in CB Magazine, Popular Electronics and Communications World, but we can always use more Everyone's help is greatly appreciated. resunnce more we deal with backscatter, and recent comments by Robert Grant and Robert Goodman on the topic. These comments are from Saul Chernos in Tomento: "In regard to Robert Goodman and Robert Grant re backscatter. I think I had one, too. In September 1978, the first week, I listened to weak trops. I was in Burnt River ON, 100 miles NE of Toronto. I noticed most Ottawa area FMs were the highlite. Then I had something in well behind semi-local 101.5, CFMP. I got a "CBC Northern...Service" ID, and a list of stations before and after the news. All places mentioned were in the far Ontario north. The only 101.5 mentioned was 'Attawapiskat', on the west shore of James Bay, halfway up it, by Akimioki Island (the

(Chernos, cont.) largest one in the Bay). Attawapisket is 595 miles from Burnt River, could to a very long trans or a short skip. Unfortunately, I do not have it tomed. I have a Ci, out the OBO would verify a Padio Mossow report! CEC's to is a released or locating was a trape, as he said CKO Toronto was once heard near land tay, size and tackscatter. The only difference I can note between it and tropo is that backreatter comes in

rrom unusuel clades, and a strary to everything else."

Returning to the pastiland again, we have this auggestion from Toronto's Crost News on the that may be themeful to the club. It is that we should precare a list of members who are amateur radio operators. With any luck, a club net could be organized on the HF bands...that is, if there is any serious interest in my idea. It would bring those members who are hars closer together (as well as those who have HF receivers)! Members could exchange helrfol hints and tidbits of trivia and "ovenings." This type of net would or could be a sort of extension of VUD." Sounds good to me, Craig. If anyone is interested, drop Graig a line, along with your calls and all pertinent data. MRC has a ham net which has proven fairly successful. Craig also suggests including members' phone numbers in the membership list. I've been hesitant to include any numbers I get for Mailbox, as I'd hate to have someone's privacy disturbed if they weren't agreeable to it. Any thoughts?

A big welcome back to VTWOA to Cary Walsh! Gary tells us that getting his ham license and working with home computers have taken up his time. A bit of bad news in from Paul Petosky- he was general manager at WIDG 940 St. Ignace MI until the owner decided to close it down December 71st due to financial reasons. We says, "As you on imagine, things would happen right in the middle of winter!! With our family of 7 it was rather tight; everything is fine and OK though. I need a little vacation anyway, hi. By the way, WIDG is for sale- anyone seriously interested can contact me and I'll see it gets to the right person. I miss the station- it has a lot of excellent possibilities, under the right ownership, if you know what I mean! I am a good GM and born and raised in that area." With his experience in the business, Paul won't be out of work long. Hopefully he'll

have a new job by the time this hits print. Our friend from West Germany, Wilhelm Herbst, has some more comments on his club: "The ADDX (Association Deutschsprachiger DXer) is a mainly shortwave club, with reports on BCB, tropical band and FM-TV. Our club bulletin is called Kurier and is written in German. Occasionally we publish bulletins called "Publikation." I do this for the club, so I'm the publishing man. All work is without pay, and the money I get in by sold issues is for our club, but not for the central cash of the club. The money is for special things and for the costs of next printing. Publication #14-1 and #14-2 deal with an introduction to TV DXing, and are written in German. I will write more about German stations in part 3." I took the liberty of rewriting some segments of his letter to make the English more readable. I've received copies of both publications, which are quite impressive, and look to be very technically oriented. Wish I could speak the language, hi. Both #14-1 and #14-2 are available for 7

IRC's by writing to Wilhelm at Cornelimunsterstr. 2, D 5000 Koln 41,

West Germany. And to wrap it up this month, we continue our letter from member A.H. Wiese: "Some more facts: The FM band here in Europe begins at 87.5 MHz and reaches up to 100 MHz. Only AFN has some transmitters operating in the above range, till 104 MHz. No station ever heard from 104-108 MHz. Something like SCA isn't allowed here, neither Dolby nor Quadro nor circular antennas. But, they introduced a system called ARI (Autodrivers Radio Information) - every FM station transmitting information for the driver (mostly on the third programs) is airing an inaudible signal at 57 kHz, and when information is carried, another tone is sired, so, on special car radio cassettes, f.i., hearing the cassette and information is aired, the player will shut off automatically and turn on the radio as long as the information is aired. The cheaper car radios will only indicate stations with this 57 kHz carrier. Turning a button, you will only be able to tune in those ARI stations. Here in Munich, that's the third Bavarian program and the third Austrian program. Those driver information items will sound like, 'Attention, there's a traffic stop at so and so" or "Attention drivers, at the autobahn a car is on the wrong side. Slow down, pull right and be cautious.' The driver of this car talks to himself, 'Not ONE is false, but hundreds...! (old joke)." More next month....

See y'all next month......jz

# STORY OF A BEGINNING FM DXER

# by Tim McVey

It had been a fine Spring day. The last few rays of the sun peeked over the coastal ranges to the west: the Diablo, Cholame, and Kettleman Hills. Those last few rays found their way across the great valley and turned the Sierra Nevada into an orange rockpile; and people had settled down into their homes for a night of TV.

In this part of California, all of the television channels are UHF. In fact, the closest city with a VHF TV station is San Francisco, 175 miles to the northwest, on the other side of the mountains. I went in like everybody else and sat down to All In The Family on channel 30. Nobody noticed, however, that the ten o'clock news of some eastern state was fading in and out--in full color--on all those unused VHF channels...

This period of my life--about two years--was infected with a DX bug, all right, but it was of the species known in technical circles as 540-1600 kHz. A friendly amateur radio operator sold the DX boy of eleven years a Hallicrafters SX-99 for twelve dollars. I am eternally grateful to him, whoever he was.

So I had amassed a grand sum of 95 AM stations with my Hallicrafters and a thirty-foot longwire. Farthest was WWL-870 in New Orleans and most favorite was KOB-770 in Albuquerque.

We left California in the late summer of 1974. Our car rolled off the miles at the rate of 70 MPH, through the arid Southwest: the Mojave desert, Needles, Lake Havasau, Flagstaff, the Painted Desert, Gallup. As we came out of Gallup, our car radio came within range of KOB. I remember making a 90-minute tape of KOB--commercials and all--I never thought I would ever hear from KOB again.

Six weeks later we settled down in Meridian, Mississippi. I went to school, dad earned the money, mom did everything else. I inherited an Admiral AM-FM-SW portable from the one who did everything else. I found out that there was only one TV station that we could get to come in: WTOK-11. Meridian has a channel 24, but then, it was very low power. There were only TWO FM stations within 75 miles! One played automated top-40; it was WALT 97.1. The other played oldies and big bands: WDAL 101.3.

I played my KOB tape and DXed AM with my Hallicrafters.

In the spring of 1977, I met the DX bug of the  $88\mbox{--}108~MHz$  species. It bit me right in the old adrenoline, too.

In Meridian there was absolutely no recreation, and very little TV or radio. So, I took up electronics as a serious hobby. I built Morse code oscillators and power supplies. Some worked, some didn't. Most were made of parts out of the old radios that people didn't want and would give to me. One day, I was working on another oscillator when I reached up to change the Admiral from WALT over to WDAL. However, since I wasn't watching, I turned

the knob the opposite direction and heard an easy music station. Very interesting. The dial read "96." The music had static in it--like an AM station. I pulled out the whip and turned on the small tape recorder I had wired into the Admiral. Then these words were captured in my mind forever:

"This is KRDO-FM 95 in Colorado Springs."

The 88-108 MHz DX bug bit and I have yet to recover from the bite. That day, I discovered that those empty channels could actually be as entertaining as the dozens of local FM stations around Fresno. I heard five Colorado stations that day.

Next morning, I got up and my homemade power supply lay silent and cold on the desk. I had planned to listen for some more FM DX, but the transformer had melted through the red plastic Radio Shack "P-Box." The diodes were fried to a crisp, and the Admiral was dead. Something must have shorted out in the night. And the Admiral was dead now.

Where there's a will there's a way, and where there's a thrift shop or a garage sale, there's a cheap radio. I bought a brown, tube-type, G.E. AM-FM clock radio for two dollars and DXed FM that summer.

The Summer of 1977 brought in lots of tropo, at least lots for a crummy G.E. clock-radio with a coathanger taped to the antenna terminals. The tropos numbered 27 for Alabama, 20 for Mississippi, 6 Louisiana, and 3 Florida. My super, magnificent, unbelievable "distance" records were KSEL 93.7 (Lubbock), KZAK-FM 93.1 (Tyler TX), WAYL 93.7 (Minneapolis), KKDQ 92.9 (Grand Forks ND), and WOKI 100.3 (Oak Ridge TN). All these were identified with a copy of Communications World and lots of wasted time. I remember at the time, I thought I was the only human being crazy enough to DX FM. Shortwave and BCB, yes, but not FM! If Bruce Elving had walked up to my door trying to give out WTFDA pamphlets, I would have known about neither.

I was glad when plans were finalized to leave Meridian and move to Bolivar, Tennessee. However, before we left, we visited Biloxi, Mississippi. After coming out of the swimming pool, the family of three went up to the motel room and turned on the TV. It was 8:15 and the TV was tuned in to WWL channel 4. We sat down to watch CBS, but CBS wasn't there. Instead, there were lots of lines and static, and a man standing in front of a map of New Mexico. He read off the temperatures for Roswell, Lordsburg, Tucumcari, Santa Fe, Gallup, and Albuquerque. It was the KOB I would never hear of again.

For most of my three years here in Bolivar, my Hallicrafters has sat cold and unused. The Admiral is gone. The G.E. fizzled out. The summer of '78 was DXed with a Bigston AM-FM-Cassette portable with an impossible 3-inch scale. It cost me one dollar, and brought in 150 FM stations in the spring.

That summer would have been the most opportune time to DX, but only one E-skip opening came all summer! The one opening I suppose was a celebration--I had just found out about WTFDA and received my Fourth Edition FM Atlas.

On June 30th the cheese thermometer hanging out on the windowframe read 98 degrees at 12:00. No air was moving, the sky was clear and blue. After lunch, I sat on the back porch for awhile and watched a cloudbank build up in the northwest. I then went back in and fired up the Bigston. KMOX 103.3 in St. Louis was coming in strong. Why? I tuned down to 95 on the dial (an empty space) to see if anything would come in. Nothing did, until the clock read exactly 1:00 p.m. I don't remember why I had not changed the channel beforehand, but a voice faded in and said: "At 12 p.m., this is kitten, K-Y-T-N." It faded out. Murphy was asleep. I didn't hear anything else, so I went back outside and watched the cloud bank build. By now, it was rumbling. Clouds were building all over the horizon. I came back in around 4 p.m. and fired up the Bigston again. This time, I heard CHIN 100.7 in Toronto, WHEB 100.3 in Portsmouth NH, WLOB 100.9 in Westbrook, ME, and others. MUF seemed to be 100.9, but I never thought to check the empty frequencies between 92.3 and 96.1!

# **FM NEWS**

ME Dover-Foxcroft 103.1 3000 h,v; 285'; m

MN Tower-Soudan K296Ai \$, r (WAKX-FM

98.9 translator station) ABC Information OR Bandon K220AF \*91.9 \$. (KSOR \*90.1.

Ashland OR translator); An etworks; cr.
OR Camas Valley K207AE \*89.3 (KSOR)
OR Chemult K220AE \*91.9 KSOR

OR Pinehurst-Hombrook CA K207AF \*89.3 /

OR Chiloguin K217AE \*91.3 (KSOR)

OR Coos Bay K207AD \*89.3 (KSOR)

OR Coquille K211AF \*90.1 KSOR OR Gold Beach K211AG \*90.1 KSOR

OR Lakeview K211AE \*90.1 KSOR

OR Port Orford K207AC \*89.3 KSOR

SD Hot Springs 96.7 1400 h,v; 440 feet TN Knoxville \*90.1 128 (h); 62 feet

TN Savannah 93.5 3000 h,v; 300'; m

UT Park City \*91.9 105 h,v; -340 feet
VA Farmville WUTA \*89,3 1000 h,v; 155'
WA Yakima \*88,5 3000 h,v; -250'; Schools
WI Hayward 101,7 1450 h,v; 410 feet

AL Andalusia WKYD-FM 98.1 100000 h,v;265

AL Pratrville WOIM 95.3 285' (3000 h,v)
AR Fayetteville KKEG 92.1 1150 h,v; 450'

AR Monticella KHBM-FM 93.5 2350 h,v; 340' AR Morriton KVOM-FM 101.7 225' (3000 h.v)

CA Chualar KUBO \*89.7 195' (3000 h,v)

CA Tulare KBOS 94.9 1050 h,v; 2690' CO Boulder KBCO 97.3 25000 h,v; 920 feet CO Longmont KCDC \*90.7 100 w h,v; 270'

FL Miami WDNA \*88.9 95000 h,v; 710 feet

GA Statesville WVGS from 91.3 to \*107.7,

FL Key West W219AA should be on 91.7, not

10 watts h,v; 150 feet 1L De Kalb WDEK 92.5 20000 h,v; 490 feet KS Derby KDRB 95.9 1150 h,v; 480' KS Kansæ City KUDL 98.1 510' (100000 h,v)

LA Hammond WTGI 103.3 100000 h,v; 500'

ME Rumford WRUM-FM 96.3 48000 h,v;

MI Houghton WHUH 97.7 880 h.v. 510 feet

MS Moss Point WKKY 104.9 1300 h,v; 205'

NE Hastings KEZH 260' 3000 h,v; 260'

NE O'Neill KBRX-Fm from 92.7 to 102.9

100000 h,v; 430'; k; \$ "

230 feet above average terrain

MA Worcester WAAF 107.3 18000 h,v; 760'

MI Traverse City WTCM-FM 103.5 100000 h.v.;

NY Tupper Lake 102.3 75 wh, v; 1450WTPL-/

NC Burlington-Graham WBAG 93.9 50000 h,v;

Z30 feet above average terrain NC Hickory WXRC 95.7 100000 h,v; 330' NC Lexington WLXN 94.1 50000 h,v; 195 feet OH Cincinnati WGUC \*90.9 12000 h,v; 880', coverage reduced to 31, 89 miles. OH Port Clinton WRWR-FM 94.5 30000 h,v; 170' OK Edmond KOKF \*90.9 3000 h,v; 160'; 9 OR Canyonville K220AC (from Riddle OR)\*91.9 OR Corvallis KL00-FM 106.1 100000 h,v; 1250' DR KJamsth Falls K211AC \*90.1 (from K217AC

OR Kiemeth Falls K211AC \*90.1 (from K217AC \*91.3; KSDR \*90.1 translator this and other

are not on-channel boosters, but are true

from other translators having frequencies

PA Lancaster WLAN-FM 96.9 500' (50000 h,v)

TN Hendersonville WBYQ 92.1 1500 h.v; 430 feet

PA Warminster WCSD \*89.3 200 h,v; 88 feet TN Dayton WNFM 104.9 650 h.v; 660 feet

receives its signal to rebroadcast from K207AF \*89.3 Pinehurst OR.)

\*90.1 translators listed above of KSOR \*90.1

translators, relaying signals that they receive

other than \*90.1; this translator, for instance,

1440 feet

OR Riddle K217AD \*91.3 KSOR

TX Taylor 92.1 3000 h,v; 300'

**FACILITIES' CHANGES** 

Bruce F. Elving, Editor 4515 Avenue "E

TN Manchester WMSR-FM 99.7 200' (30006 (30000 h,v) ; \$ TX Copperas Cove KOOV 103.1 1450 h,v/x20' NEW STATIONS AUTHORIZED TX Dallas KNUS 98.7 100000 h,v; 1590'DA TX Houston KUHF \*88.7 100000 h,v (970') 98.3 1700 h.v: 410': m AL Chickasaw CA Burbank KMAX-1 (KMAX 107.1 Arcadia CA booster station) 107.1; eg; 10 watts CA Crescent City K211AD \*90.1 \$, cr (KSOR VT Burlington WQCR 98.9 50000 (h) (2907) VA Orange WJMA-FM 96.7 2700 h,v; 320' WI La Crosse WSPL 95.9 1700 h,v; 410', with CA Crescent Gry K211AD 50 15 Et (KSON 50). 1 Ashland OR translator); PA networks CA Imperial 99.3 3000 h,v; 200 feet FL Fort Tierce 88.3 3000 h,v; 300'; Indian LA Moreauville 92.1 3000 h v; 300 feet transmitter near Hokah MN ON London CJBX 92.7 50000 h.v: 398 feet

COUNTRY RADIO

P.O. Box 5593 London, Canada NSA 5H8

SCA (t) 67 KHz AR Favetteville KUAF \*88.9 adds SCA CO Sterling KSTC-FM 96.7 adds SCA MA Boston WERS \*88.9 talking book MO Kansas City KCUR \*89.3 farm news KBEQ 104.3 †X (noise)

MO Maryville KXCV \*90.5 no SCA NY Olean WEBF 95.7 adds SCA VA Charlottesville WWWV 97.5 adds SCA WI La Crosse WLSU \*88.9 adds SCA

### **DELETIONS**

MO St. Louis KLSR \*89.7 OH Columbus WFAC \*91.5

### NON-IDs

FL Sarasota WSRZ 102.5 "102%" (not strict; rip rpj NM Gallup KQNM 93.7 KQ-93 (from Quick-FM) OH East Liverpool WELA 104.3 Country-104
OH Salem WOXK 105.1 Country-105

# DUAL-CITY IDENTIFICATIONS

CA Woodland KSFM102.5 adds Sacramento HI Waipahu KULA 92.3 adds Honolulu MI Battle Creek WKFR-FM 103.3 adds Kalamazoo

OH Hamilton WOKV 103.5 adds Cincinnati now r, no longer "103½," but FM-163.5 (not strict)

TX Dallas KMGC 102.9 adds Fort Worth WI Superior KZIO 102.5 adds Duluth MN

# **FM STEREO STATIONS**

AZ Globe KIKO-Fm 100.3 AR Benton KAKI 107.1 k, AP Audio AR Conway KMJX 105.1, rock AR DeQueen KDQN-FM 92.7 AR Fort Smith KXXI, 100.9, r AR Lake Village KLVA 95.9, U AR Menticello KHBM-FM 93.5 CO Canon City KSTX 103.9, Stereo-104 FL Clewisten WAFC 106.3 FL Key West WVFK 95.5 FL Tallahassee WOWD 103.1, m GA Glennville WKIG-FM 106.3 ID Payette KWBJ 100.1 10 Salmon KSRA-FM 92.7 IL East Moline WDLM-FM \*89.3 IN Columbia City WFDT 106.3, r, FM-106 KY Bardstown WO KH 96.7 KY C-rrollton WIKI 100.1 easy rock, FM-100 KY Catlettsburg WCAK 92.7 LA Winnfield KVCL-FM 92.1 ME Rockland WRKD-FM 93.5 MA Pittsfield WUPE-FM 95.9 r (calls from / MI Flint WDZZ 92.7 -rock or soul and jazz? MS Greenville WDMS 100.7 MS Starkville WSMU 106.3 MD Boonville KDBX 99.3, rock MO Cabool KVVC 106.3 g, S Audio MO Cape Girardeau KGMO-FM 100.7 MO Clinton KDKD-FM 95.3 MO Fulton KKCA 97.7

Kearney NE 68847 MT Anaconda KGLM 97.7 MT Dillon KDLN 98.3 NV Las Vegas KUDO 93.1 r, RKO Network ON AIR (AIR NM Taos KXRT 99.3, pc NM Zuni KSH1 \*90.9 S Audio NY Hampton Bays WWHB 107.1 NY Saratoga Springs WASM 102.3 NC Greenville \*91.3 NC Havelock WMSQ 104.9 \*913 NC Jacksonville WRCM 92.1 NC Lumberton WGSS 95.7, m NC Tarboro WKTC 104.3 OH London WSYX 106.3 OH Middleport WMPO-FM 92.1, all k OK Seminole KSLE 105.5 OR Pendleton KUMA-FM 107.7 PA Clarion WCUC \*91.7 PA Franklin WVEN 99.3 PA Indiana WIUP \*90.1 PA Lock Haven WBPZ-FM 92.1 really? PA Williamsport WILQ 105.1 SC Barnwell WBAW-FM 101.7 SC Chester WDZK 99.3, r, S Audin SC Kingstree WWKT 98.3, sg SC Surfside Beach WYAK 103.1 SD Madison KJAM-FM 103.1 TN Trenton WTNE-FM 97.7 TN Union City WALR-FM 104.9, k TX Alvin KACC \*91.3 TX Amarillo KOLZ-FM 93.1 TX Diboll KSPL-FM 95.5 TX Greenville K1KT 93.5, k
TX Jamer KTXJ-FM 102.3, rock TX Merket KBGG-FM 102.3 TX Plainview KWLD \*91.5 TX Spearman KRDF 98.3, kg, Mutual TX Sweetwater KXOX-FM 96.7 VA Lynchburg WJJS 101.7, rs, E VA Warsaw WNNT-FM 100.9, S WA Moses Lake KFMT 100.3 WA Omak W KOMW-FM 92.7 kr, S PR Arecibo WNIK-FM 106.5 PR Bayamon WGSX 94.7

### FORMATS/NETWORKS

AZ Apache Junction KSTM 107.1 Mutual AR Ashdown KMLA 103 9 Mutual AR Conway KHDX to go to \*93.1 (from 89.1), r CA Bishop KIOO 100.7, m CA Blythe KYOR-FM 100.3 m CA Fresno KYNO-FM 95.5 rock CA Twenty-Nine Palms KQYN 95.7 m. I FL Clearwater WOKF 95.7 rd FL Port Charlotte WEEJ 100.1 d. U. "Disco-100" FL Miami WQBA-FM 107.5 rL Strict: Super-Q FL Sarasota WSPB-FM 106.3 r; Strict: W-106 FL Venice WAMR-FM 92.1 mk (Beautiful Country) HI Kailua KKAI 96.3 m ID Blackfoot KBLI-FM 97.7 m ID Pocatello KSIH 94.9 mc IN Terre Haute WBOQ 107.5 k (from rock) KS Concordia KVCO \*88.3 rock KY Beattyville WLJC 102.3 U [mr KY Corbin WYGO-FM 99.3 k; WCTT-FM 107.1 / KY Maysville WFTM-FM 95.9 m LA Jena KJNA 99.3 m LA Many KLWV 107.1 Mutual ME Bath WMOS \*91.5 rock ME Caribou WFST-FM 97.7 k (not kr) ME Fort Kent WUFK \*90.3 p ME Portland WDCS 97.9 all classical (no g) MD Emmitsburg WMTB \*89.9 pj MA Gardner WMWC \*91.7 r Canton WWLM 101.7 rs MO Carrollton KAOL-FM 101.1 U MO Chillicothe KCHI-FM 103.9 mk MO Harrisonville KIEE 100.7 S Audio

MO Houston KSCM 99.3 k

### FCC-FM

MO Lebanon KLWT-FM 92.1 mk MO Liberty KSAS 106.5 r, "SAS" MO Marshall KMFL 102.9 k, U MO Point Lookout KSOZ \*91.7 pc MT Havre KPQX 92.5 m MT Kalispeli KALS 97.1 mg MT Shelby KZIN 95.3 CBS NE Omaha KESY-FM 104.5 no network KEFM 96.1 r (from k) "96-1" (strict), RKO Network NE Sidney KSID-FM 95.3 rk NJ Trenton WBJH 101.5 to r, X101 (applies for new call letters WXXX) NM Espanola KBSQ 102.3 Spanish, L. Y NM Ramah KTDB \*89.7 ethnic NY Elmira WLEZ 92.7 m (from r) NY Gauverneur WIGS FM 95.3 S Audio NC Ahoskie WRCS-FM 99.3 k (from r) NC Albermarie WABZ FM > 100.9 a (from k) NC Forest City WBBO+FM 93.3 k NC Franklin WRFR 96.7 rock NC Greenshoro WNAA \*90.5 is NC Sanford WFJA 105.5 rock NC Southport WLCF 107.1 Y NC Tabor City WKSM 104.9 k OH Castalia WGGN 97.7 U OH Chillicothe WBEX-FM 93.3 k OH Circleville WNRE-FM 107.1 S Audio OH Holland WPOS (and translators) S Audio

102.3, etc. OH Xenia WBZI 95.3 k (from r) Still I-95 PA Philadelphia WYSP 94.1 T PA Pittsburgh WDVE 102,5 T

PA State College WOWK 96.7 p WXLR 103.1 rp PA Sunbury WKQX 94.1 pr. CBS RI Kingston WRIU \*90.3 S Audio SC Seneca WBFM 98.1 C (from Mutual) SD Aberdeen KSD N-FM 94.1 m TN Camden WRJB 98.3 r TN Carthage WRKM-FM 102.3 rk TN Cookeville WPTM-FM 94 3 kr TN Dickson WTNO 102.3 k; Mutual TN Martin WCMT 101.7 m TN Springfield WDBL-FM 94.3 U TX Atlanta KPYN 99.3 m TX Beeville KCWW 104.9 m TX Clear Lake City KMJQ 102.1 dr TX Coleman KSTA-FM 107.1 k

TX Dallas KZEW 97.9 T TX Dumas KMRE 95.3 Mutual TX Huntsville KSHU \*89.3 U TX Odessa KOCV \*91.3 S TX Plainview KATX 97.3 k. Mutual TX San Antoniu KRTU \*91.7 ic TX Vernon KVWC-FM 102.3 r

TX Waco KNFO 95.5 rock UT Richfield KJMC 93.7 I VT I vadonville WWI R \*91 7 o VT Stowe WMTF \*91.5 rock VA Norton WNVA-FM 106.3 S Audio

VA Richlands WGTH 105.5 kr WA Edmonds KBIQ 105.3 mg

WA Sunnyside KREW-FM 96.7 k WA Toppenish KENE-FM 92.7 k WA Yakima KDNA \*91.9 ethnic KYBO 98.3 nc

WI Berlin WISS-FM 102.3 S WY Torrington KERM 98.3 k PR Cidra WBRQ 97.7 p. S Audio PR Quebradillas WREI 98.3 ro PR San Juan WRTU \*89.7 L VI Charlotte Amalie WCRN 101.1 S Audio ON Barrie CHAY 93.1 m

### **CALL LETTERS ASSIGNED**

AR Dumas 103.9 KDDA-FM AR Little Rock 98.5 KLAZ (KLAZ-FM)
AR Pine Bluff 92.3 KFXE (KOTN-FM), K-Foxy AR Walnut Ridge 106.3 KCAZ (KCAC) CA Mountain Pass 99.5 KXVR CA Ukiah 103.3 KIAH (KALF) CA Yermo 98.1 KRXV FL Daytona Beach 101.9 WDOO (WQXQ) FL Pensacola 107.3 WOWW (WAJB)

GA Augusta 105.7 WYMX (WAUG"-FM") HI Makawao, Maui 94.3 KVIB KY Paducah 96.9 WDDJ (WPAD-FM) LA Columbia 103.1 KCTO-FM MI Charlevoix 105.9 WKHQ MI Jackson 94.1 WIBM-FM (WHFI) NM Alamogordo 94.3 KKEE 3000 h,v, m,

S (to be on July, 1980) NM Carlsbad 92.1 KATK (KBAD-FM) NY Buffalo 92.9 WFXZ (WBUF) OK Okmulgee 94.3 KOKL-FM (from KLLS)
PA Exeter \*88.1 WASD SC Aiken 95.9 WPBM (WLOW-FM) TN Kingsport \*90.3 WCSK, \$ TN Knoxville 103.5 WIMZ (WBIR-FM)

TN Shelbyville 102.9 WYCQ (WTCV) TX Galveston 106.5 KXKX (from KUFO) TX Houston 99.1 KODA (from KODA-FM)
TX Pasadena \*89.3 KTIH

TX Gilmer 95.3 KNIF VA Bluefield 106.3 WBDY-FM (from WBDY) VA Luray 103.9 WQAA (WEEH) WA Aberdeen 99.3 K.IMD WA Pullman \*90.7 KZUU

# WA Walla Walla 95.7 KUJ-FM

**ABBREVIATIONS** \$ is stereo, h horizontal effective radiated power in watts, v vertical effective radiated power in watts (not kilowatts, but watts without commas separating hundreds and thousands), \* public, educational or religious station operating noncommercially, DA is a station having a directional antenna Program formate: c classical d disco g gospel, i jazz, k country, L is Latin/Spanish, m middle of the road (easy listening-no rock), p is progressive rock, r rock (including "easy rock, s soul. Network codes: A ABC-FM with ABC standing for American Broadcasting Company; C Columbia Broadcasting System; E ABC Entertainment Network; I ABC Information; M is the Mutual Broadcasting System; P National Public Radio: S Associated Press Audio: T is NBC's The Source, U is United Press Audio, and Y is ABC Contemporary.

### May. 1980 READERS' REPORTS AND THEIR COMMENTS

The license of WGTB \*90.1 Washington DC has been transferred from Georgetown U. to the University of DC; expect a block format in its programming when it returns to the air, and with new call letters, says Andy Smith.
My item in the veries column in the March VUD caused Phil Boersma to tell about MI's WVGR \*104.1, which usually simulcasts WUOM \*91.7 Ann Arbor. At about 11:30 a.m. March 15 some strange audio began to break up the big band music. "It rapidly became dominant, and lo and behold, 'twas another radio station, talking about something happening in New York state! A skip opening has caused WVGR to lose WUOM audio! The engineer at WVGR cut the audio, and only a carrier was heard for about five minutes. Then classical music started, with an announcement that WVGR had lost its audio from Ann Arbor, and the classical music would continue until the problem was fixed. This was at about 11:40 a.m., and WVGR did not rejoin WUOM until about 2 p.m.! Thus, this proves that WVGR also has a local studio, but it is apparently only used when emergencies arise. I never did ID the station that was causing the trouble-the WVGR engineer cut the audio too quickly to tell. The offending station may not have been on 91.7, either, as when the interference first started, it sounded something like adjacent channel interference. The signal

# WVGR GRAND RAPIDS 104.1 MHs

probably became so strong that the receiver or RF amp used at WVGR may not have been able to discern between it on an adjacent channel and WUOM.

CJAZ 92.1 Vancouver BC is on in \$tereo. A friend in Burnaby (near Vancouver) told me this. He says their signal is not quite as strong in Burnaby as the other Vancouver stations. CJAZ signed on with regular programming (jazz of course) on March 1. My friend says their transmitter is on Saltspring Island, 'which is south of the 49th parallel—they brag of being 100,000 watts but being that low in altitude and that far away, a million watts wouldn't help them on the north side of the city (down slope)'." Actually CJAZ's EHAAT is 2084 feet and radiated power 52000 both horizontal and vertical-not 100 kw. Still, their overall coverage in the area should be excellent, even compared to other BC stations. Neil Dickerson has been corresponding with some 10-watt stations, and here is some of what he found out about those and a few educational stations with more power: WHCL \*88.7 Clinton NY on 7 days a week with progressive rock; off summers. WMTH 88.5 Park Ridge IL claims 16 watts radiated, 119' and on 9:30 am to 5 pm, Mon.-Fri. They are also on weekends, but no Sat.-Sun. hours specifically mentioned. WMTB \*89.9 St. Mary's College, Emmitsburg MD, has applied for 118 watts, on 7 days a week from 8 a.m. to 2 a.m. Claims to reach north to York PA and south to Frederick MD; on from September through May. KBJC \*91.9 Great Bend KS on Monday-Friday 8 am to 10 pm. September unougn way. RDD- 91.9 creat bend RS on mondays may be an to prink KOBC "90.7 doplin MO, g. on 5:30 am to 11 pm Mon-Fri. SRt. 7 am to 11 pm; Sunday, 8 am to 11 p. m. KUT "90.5 Austin TX will up its power from 4100 wats to 100 kw h & v (stereo added then?) by July 4, 1980. KCBX "90.1 San Luis Obispo CA on 5:30 a.m. to 1 a. m. daily. WBCL "90.3 Fort Wayne IN on 24 hours a day with 50 kw h & v. WSMC \*90.7 Collegedale TN on 18 hours a day from 6 a.m. to midnight; 100 kw h&v. A story about storms at Digital Broadcasting Corp. was sent by Dave Walcutt. This McLean VA company was a pioneer in FM SCA data transmission systems, but that aspect of the business has been slow to develop, depriving the company of profits and causing suits and counter-suits involving former president William von Meister and main investor Jack R. Taub. The SCA subsidiary, Infocast, is expected to be sold to such companies as Xerox, Pitney-Bowes or GTE Telench

WBKE "89.5 North Manchester IN said to have an erratic schedule, not on during the evening hours. WIPU "89.1 Fort Wayne, living up to its call letters is often wiped out by WEMU 'psilanti in north-central Indiana. KWJS 94.9 Arlington TX resumed stereo broadcasting, and increased to 760", 100 kw h & v. WZZR 95.7 Grand Rapids MI has the RKO Radio network, a new true radio network, probably satellite relayed. WSRX \*88.5 Allendale MI still supposedly wants 25 kw; director George Lott refuses to tell
P. Boersma or his henchmen whether WSRX will move or stay on 88.5 and fight WGNR Grand Rapids in this west Michigan FM power struggle.

CONTRIBUTORS: P. Boersma, Spring Lake MI; George Derringer Damariscotta ME; Neil Dickerson, Sharptown MD; Vernon Eaton, Benton AR; Charles George, Dallas TX; Wm. Gilbert, Kingg Park NY; Louis Goldstein, Boston MA; Jeff Guy, London ON; PE, Kingaly, Jr., Detham MA; B. L. Lovett, Coldwater DH, A. P. Smith, Jr., Dillsburg PA; Ralph Strobel, Muncie IN; D. L. Walcutt, Houston TX; R. Winsor, Hobart IN, R. Wood, Cape Girardeau MO; R. Zent, Huntington IN; and a nameless contributor from Los Alamitos CA.

Danny Buntin, editor 1312 N. Skyline Stillwater, OK 74074

DEADLINE: 10th monthly

THIS DX ISN'T JUST SOUTH OF THE BORDER, IT'S SOUTH OF THE EQUATOR AS WELL!

A listen of Neil Dickerson's unID tape(Feb. VUD, pg. 36)on Mexican E-skip has resulted in a discovery of colossal significance. WTFDA language expert, Dr. Richard Wood, who heard the tape, is convinced that Neil caught Brazil on FM. As Dr. Wood reported,

"What Neil did not even suspect, and I did not realize until it suddenly came up from under the Spanish-speaker(s) about six minutes thru his tape, was that there would be a distinctly Brazilian Portuguese voice with very typical samba music for about a minute until the Mexicans took over again. There is no ID, but the Brazilian PT is perfectly clear and included the words 'aproves es espériencies de todo o mundo...' and something like 'cambora...'(a name?), in the second fade-up 'a senhora de...o....cambora...ou Babi Roberto,' (Mexican up and over again). You might argue that Bermuda is on 89.1 and has been known to broadcast in Portuguese. But it uses metropolitan Portuguese, and this is distinctly Brazilian in music, language and culture--and does not sound like an immigrant station, but a domestic product."

Unfortunately, no one seems to know if there is an 89.1(the channel of the suspected Brazilian) in Brazil. It certainly would be great if such info could be found out and a QSL attempt made. Getting Brazil likely means a distance over 6000 miles. What could have led to such an incredible DX event, maybe FAI discussed in the April '79 VUD? Whatever, it certainly appears to be a good question for the propagation experts to ponder on.

# Rick Samford, 404 S. McNeill, Burnet, TX 78611 - March 6 to April 6 CST

3/6 tr 2016 WSJC 107.5 MS Magee, ad for Raleigh bus., Ole Miss bb Net, ID (with CCI from KBUC heard only Mendenhall, not Magee. Does this one have dual-city ID?)

3/7 tr 2327 KHIM 98.3 TX Palestine, g, s/off at 2358, long sought, heard after KMCS off

3/17 tr 0018 KTSU 90.9 TX Houston, \$, black g, ex-10 watter, presumed now to have 18.5 kw, TX #206.

3/23 tr, t/in after 0030 0041 WRBQ 104.7 FL Tampa, promo, "Q-105" 0059 WWBA 107.3 FL St. Petersburg 0102 KZZQ 94.3 LA Golden Meadow, "You're With The Tower of Power," ID 3/22 tr
0159 WOWW 107.3 FL Pensacola, heard as
WAJE as recently as 2/20, "Wow-107"
0212 WINK 96.9 FL Fort Myers, "97-Rock
Means MX For Port Charlotte, Naples, Fort
Myers and All of SW FL"
0218 WYNF 94.9 FL Tampa, ment. of
Bradenton Y-Line, "Y-95", psa, wx, r
0221 WQIK 99.5 FL St. Petersburg, wx,
"FM-99", psa, briefly heard o/semi-local
Kiss, again at 0238, the last two stations
heard previously by Es.
0229 WWL 101.9 LA New Orleans, "FM-102"

March 23 had the only interesting tr session of the period, with just a handful of catches in the 950-1000+ mi. range. Light rain began falling about the time I started DXing, causing most of the receptions to be erratic in nature and keeping me from taping IDs for the three new FL trop catches.

### Randall B. Clark, Rt. 9, Box #231 (Dutch Ridge), Parkersburg, WV 26101 - Feb. 10 to Apr. 4

Equipt: Realistic STA-42, with a 3 ft. long twin lead up 45 ft. AGL(5 miles east of the city) 1 mile from 50 kw WXIL 95.1, UGH!!, all loggings tr, EST used. 304/422-2923 Feb.

Feb.
14-0215 WDJQ 92.5 CH Alliance(ex-WFAH, now w/TM automated rock, "Q-92". DXers should be careful as WBKQ Owensboro, KY has exactly the same TM rock format and "Q-92"!!)
2140 WWWR 89.1 VA Roanoke.\$

2254 WSAI 94.1 CH Cincinnati

2259 WSKS 96.5 OH Hamilton, ex-WLWS

20- 2215 WDJQ plus others. WDMT 107.9 CCIing to WEMM. etc.

26-0210 W??? 92.9 testing w/tones, etc., possible new Summersville, WV station

March
18- 1954 WEEN 102.7 o/WTIC plus the usual 150-225 mile stuff in

20- 2015 WMUZ 103.5 MI Detroit but nothing else in.

23- 0139 WRIA 101.3, 0140 WCVO 104.9, 1100 WZAK 93.1 in w/Dutch,1110 WKTL 90.7, 1208 WCED

N FM DX C1

March 25- 1410 WDJQ has stereo!, the duct tends to fluctuate too much but by 2030 WEBN over WID blus the other semi-fringe stuff and at 2142 WVUD over WVAF.

26- 1142 WSYX106.3 OH London, plus the above, etc.

28- 0047 WVCS 91.9 PA California

0215 WAZU in with a Dr. Demento spot which I am a big fan of!!

Hi there! Here I thought that the preceding two months were bad, boy was I wrong! This is absolutely TERRIBLE!. Anyway I received a six month old QSL reply back! from WKPT so that makes it my latest received yet! On 2/10 at 0235 I got myself on WKIZ. I think I amazed the announcer by being fairly distant. And to top that off, after I sent my QSL report concerning the WPLJ "screw-up", I got a call from WKIZ's C. E. saying that I was hearing "board leakage" to which I disagree.

Glad I had an opportunity to hear such an unusual "mistake"!

On April 1,I received a call from Neil Dickerson, Sharptown, MD in which he relates his dxing experiences, etc. I must say that Neil is quite an avid collector of station bumper stickers, tee shirts, etc. He mentioned one station even sent him(\$6 in postage) a package with tons of stickers, etc.! (Sure he wasn't April fooling you? DB) Neil also mentioned of a station in Wisconsin, which should remain nameless, that sent him a rather nasty QSL non-verification reply, mind you this was from a public E-FM station!, which relies upon listener's contributions. Why in this great hobby of ours do we have to encounter such idiots? I'll never know--anyway I really did appreciate the call Neil!

Well, if everything works out, I'll be heading to Dunkirk, NY with Robert Eddy, Newport, CH for the '80 WTFDA convention this summer. Wishing to everyone the best of DX, 73s.

Neil Dickerson, 426 State St., Sha	rptown, MD	21861 - Feb. 7 to March 23
RX: Panasonic Technics SA-5570 wi	Lth two Char	melmaster #4486 antennas stacked at 50°, rotor
2/7 all tr 1930 WJJS 101.7 VA Lynchburg 2000 WMRT 88.3 OH Marietta 2000 WCUB 91.3 OH Athens	200 310 325	2/26 2320 WCED 102.1 PA Dubois 250 2330 WPIT 101.5 PA Pittsburg 260
2045 WHEW 89.9 WV Huntington 2100 WMYY 2200 WDYN 89.7 TN Chattanooga 2230 WCBE 90.5 OH Columbus	360 410 600 400	2/27       0018     WMMS     100.7 OH Cleveland     380       0130     WPEZ     94.5 PA Pittsburg     260       0240     ???? (ms burst rock,     FM 106 This)
2/26 2100 WDUQ 90.5 PA Pittsburg 2200 <u>WVAQ</u> 101.9 WV Morgantown 2233 WOUB 91.3 OH Athens	260 240 325	3/3 1100 WMTE 89.9 MD Emmitsburg, 10 watts 125 1200 WRNV 89.7 MD Annapolis, 15 watts (I now need only one MD FM-WXIE 92.1)
2300 WNUF 100.7 PA Tarentum	250	3/23 (Nothing else in!) 1400 WTSC 91.1 NY Potsdam 450

This winter was the best I've seen so far. 32 new stations logged between Dec. and April. Compared to only 7 new stations last year. The logging of WDYN was the first 600 mile tr I've seen in the winter. On 4/10, I put up a new amp, all new coax and my rotor reset, so now my antenna is ready for the summer. 73's, Neil.

### FROM THE SFM EDITOR:

Only minor DX action noted here. On April 3, around midnight Dallas-Ft. Worth was coming in better than usual which helped me net rather new <a href="KTLR">KTLR</a> 107.1 of Terrill, TX, k, 240 mi. At about the same time found to my dismay that new <a href="KBUZ">KBUZ</a> 106.5 of Arkansas City, 240 mi. At about the same time found to my dismay that new <a href="KBUZ">KBUZ</a> 106.5 of Arkansas City, 35 finally made it to the air after long delay, meaning 106.5 is no longer wide open for me. In the good old ays anything registering more than a 1 or 2 on the S meter at 106.5 meant something good was cooking for sure. They go by "K-buzz 106" which is how they sound like in stereo much of the time here.

I hope the skip season is well underway by the time you read this. After two previous seasons that were mediocre for most people, maybe we're due for a blockbuster this season! Please report, especially you new members. Until next month, 73. DB

Report your FM dx to this column if you are from: AR, AR, AZ, CA, CO, DE, FL, GA, KS, KY, LA, MD, MS, NC, NM, CK, SC, TN, TX, UT, VA & WV.

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# NORTHERN FM DX

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

MAY 1980
For FA DKers in Canada, the Northwest-Central States of JA CR ID NO LY NO SD NO LA NO and states east of the Mississippi River and north of the Mason-Dixon Line.

Dave Brunfield - 320% N. Calvert St. - Nuncie, IN 47306 Equipment: 2270 Marantz Rx & Heath AJ-1510, Uinegard Antenna at 50 ft. w/rotor.

Ξq	uipme	nt: 22	270	Marantz Rx & Heath	1 AJ-	-1510,	ine	egard A	inte	enna at oC it. W/ro	tor.
9/6	+ ~				1	0/19	tr				
0100	KDKA	92.9	PΔ	Pittsburgh	300	0030	VBDC	100.9	IN.	Huntingburg Wash. Court House	175
2300	UGCS	91.1	IN	Goshen	85	2025	WCHO	105.5	СН	Mash. Court House	130
9/7	tr	,			- 7	9/20	tr	_ , . ,			
<del>004</del> 3	WOXE	100.1	ΚY	Elizabethtown	170	0000	WGXM	88.1	OH	Dayton, 10w	83
9/9	tr					0801	WDPS	88.7	OΗ	Dayton, 10w	83
1815	WKTN	95.3	OH	Kenton	85	1530	MGFA	94.1	$_{ m IL}$	Dayton, 10w Dayton, 10w Watseka	140
9/10	tr					9/22	tr				
0147	KSCF	97.1	MO	Florissant	310	2200	UTRE	107.5	··V	Wheeling	250
0159	ukqb	105.9	TH	Nashville	300	2301	KUMR	88.5	MO	Rolla	400
0205	WQBE	97.5	MA	Charleston	235	9/23	tr	201.0		D1	7.25
0207	KAGC	102.9	TX	Dallas	770	0.100	JAXI	104.9	T13	ROCKVIILE	127
0215	KEZK	102.7	MU	St. Louis	565	0001	UV PM	102.0	DΛ	Dayton, 10w Dayton, 10w Dayton, 10w Dayton, 10w Matseka Wheeling Rolla Rockville Sharon-Youngstown Terre Haute Pittsburgh Terre Haute Oak Park-Chicago Chicago Louisville Mount Clemens Milwaukee Tuscumbia Florence Russellville Canton Memphis Cedarville Farmington Huntington Parkersburg Decatur Kennett Findlay Youngstown Champaign London Greencastle	260
0250	VVIV	102.7	A.C.	g+ Touis	310	0001	משכש	102.7	TH	Terre Haute	135
0356	WEST	80.7	OH	Kant	215	0045	WITE	102.5	PA	Pittsburgh	300
0405	MKKD	95-9	TI.	Aurora-Naperville	1.90	0048	WVTS	100.7	IN	Terre Haute	135
0412	VDOC	95.5	KY	Prestonsburg	240	0052	WBMX	102.7	IL	Oak Park-Chicago	175
1005	W./DS	90.5	IN	Muncie, 10w	4	0059	WNIB	97.1	IL	Chicago	170
1035	WEIC	92.1	IL	Charleston	235	0115	WEZ	105.9	KΥ	Louisville	160
1230	KSLH	91.5	MO	St. Louis	310	0121	LBS	102.7	MI	Mount Clemens	200
9/11	tr					0128	LPX	97.3	HI	Milwaukee	230
0018	WBEA	107.3	OH	Elyria	175	0154	WILY	100.3	AL	Tuscumbia	430
0100	ADDD	107.3	IL	Marion	280	0157	$M$ $^{\circ}$ $\Gamma$ $^{\circ}$	107.3	AL	Florence	425
0125	WRBR	103.9	IN	South Bend	100	0205	WAKQ	101.1	KY	Russellville	260
0131	WLFQ	103.9	IN	Crawfordsville	115	0213	icos	105.9	OH	Canton	210
1901	WHUK	102.1	MI	Kalamazoo	140	0354	WHICK	97.1	TIN	Memphis	100
2025	ADKÓ	95.1	MI	Detroit	100	1275	WUDK	90.5	MO	En minatan	335
2116	MIXTO	92.0	Un	Bowling Green	170	1/20	WIGH.	90.0	TU	Yuntington	777
2115	MOLY	102 3	UII	Calien	130	1448	WANT.	95.1	:77	Parkershurg	215
2120	CRCL	93.5	OH	London	275	1522	WICK	97.7	TI	Pensselaer	108
2130	CJEC	99.3	ON	London	275	1526	VDZO	95.1	IL	Decatur	210
2146	WORS	105.1	MI	Detroit	180	1535	KTMO	98.9	MO	Kennett	400
2205	WTGN	97.7	OH	Lima	75	1625	VHMQ	100.5	OH	Findlay	90
2301	WLSR	104.9	OH	Lima	75	9/25	tr				
2305	WSTR	99.3	MI	Sturgis	100	0001	₩ŸSՄ	88.5	OH	Youngstown	225
2309	WFRN	104.7	$\mathbf{I}N$	Elkhart	90	1023	HPCD	88.7	IL	Champaign	160
2358	ICZY	95•5	MI	Detroit	150	1225	ASAX	106.3	НО	London	110
9/12	tr	05.5		Chicago	7.00	<u>9/26</u>	tr	01 5	****	Greencastle	210
0054	MMEL	92.5	Th	Vonth Namehoston	170	0/20	#GAE	91.0	T11	Greencastie	110
0079	WAAR	09.7	TIV	Wiles	120	0215	UTVT	OL 3	Τī	Elgin Brantford Marshall Yellow Springs	200
2300	WINOK	102 1	UH	Cleveland	200	10/1	tr	77.7	1.50	\$131n	200
9/13	tr	102.1	On	Oleveland		0445	<u>GK</u> 2G	92.1	OH	Brantford	375
1200	<u>ਬੌਜ</u> ੇਆ	89.1	MI	Yosilanti	145	0600	WELL	1C4.9	MI	Marshall	140
1300	MHDA	89.9	wv	Huntington	215	10/1	4 tr				
9/16	tr			-		0200	WYSO	91.3	ОН	Yellow Springs	85
0100	WKAR	90.5	MI	East Lansing	175	10/1	<u>5 tr</u>				
0402	AITTI	96.7	ΙL	Joliet	160	0200	WCBU	89.9	IL	Peoria	235
0406	WRTL	95-3	IL	Rantoul	150	10/2	4 <u>tr</u>				
0422	HCLR	101.9	ΙL	Skokie-Chicago	175	0055	WCSU	88.9	OH	Wilberforce	100
2312	WQTE	95-3	MI	Adrian	130	2300	LAGEN	96.7	ΜI	Albion	145
2323	WUME	95•3	IN	Paoli	150	10/2	2 <u>tr</u>	05.5	٠	Tananakan	150
9/17	tr	00 <b>-</b>		B 10.	9.0	2200	WHOK	95•5	OH	Lancaster	150
0045	MIUI MIUI	09.3	TN	rranklin, lOW	160	70/5	UDAT	ዕራ ፣	TT	Chicago	170
0700	MG mus MT UD	104.0	TT	Decis PóntsAttre	235	0053	INA MI	106.7	TT	Des Plaines	175
2300	MAC O	92.7	MIT	Charlotte	150	0114	WCXT.	88.7	OF	Yellow Springs Peoria Wilberforce Albion Lancaster Chicago Des Plaines Kettering, 10w Grand Rapids (continued)	87
9/14	tr	J-+1	•••		-,-	0141	WEHB	89.9	ΜI	Grand Rapids	185
196	WES	89.5	ОН	Hamilton	85			, . ,		(continued)	•
<b>44</b> , 1						•					

<u> 100-2002100   TN   DX</u>		<u>Dave</u> Di	rumf:	ield c	ont'	<u>:</u> :		HAY 1	980
2310 1120 33 1		Wast Campallian	8 =	12/30	, ਹੁੰਦ ਪ੍ਰਤੇਸ਼ ਜ	2.8 %	117	Southfield	180
0003 1/JR 96.3	ΚI	Detroit	130	0100	WPLN	50.3	TH	Nashville St. Johns	300
1000 MgTD 91.1 10/29 tr		Renosha	210	1/8	7250 <u>tr</u>	\$2.1	111	St. Johns	185
0114 MBES 96.1 0120 MZAK 95.1	CH	Charleston Cleveland	235	1505 1/12	WBKV	92.5	WI.	West Bend	250
0908 WILL 89.1 1721 WHRT 88.3	OH	Indianapolis, 10w Marietta	70 215	1730 1752	CJRT	91.1 89.9	ON KY	West Bend Toronto Madisonville Alliance	375 250
10/31 tr 2000 WIGB 102.9	ΜĪ	Ann Arbor	150	1930 1/14	WFAH tr	92.5	ОН	Alliance	225
2038 WJFM 93.3 2100 KIIK 103.7	MI IA	Milwaukee Davenport	230 300	1900 1/16	WHAD tr	90.7	MI	Delafield	250
2120 WTL 95.3 2123 WEKK 95.3	IL	Monticello Ottawa	90 200	0000	WEMU	91.1 102.3	VA HO	Addisonville Alliance Delafield Alliance Pound Bluefield Pittsburgh Kent Clarksburg Erie	2 <b>2</b> 5 285
11/1 tr 0023 WMBF 98.9	IL	Rock Island	290	0100	WHAJ WPEZ	104.5 94.5	HV PA	Bluefield Pittsburgh	320 300
1730 WHKR 95.3	ΚY	Falmouth	15C	0200	MEKA	100.1	'.VI	Kent Clarksburg	215 275
2330 WWJ 97.1 11/4 tr	ΜI	Detroit	180	0320 1/18	WCCK tr	103.7	PΑ	Erie	300
0004 WVGR 104.1 11/10 tr	ΜI	Grand Rapids	185	0910 1330	WLHS WCRC	89•9 95•7	OH	West Chester, 10w Effingham	85 220
2000 WIAA 88.3 11/15 tr	ΝI	Interlochen	300	1810 1830	WIBI WAAG	91.1 94.9	IL	Carlinville Galesburg	265 260
2100 WQED 89.3 2139 WGV0 91.7	PA CH	Pittsburgh Greenville	300 50	1840 1959	KRHA UVEN	93.9 101.9	IA IL	West Chester, 10w Effingham Carlinville Galesburg Iowa City Springfield Hannibal-Quincy IL Sullivan-Arthur	350 240
<u>11/16 tr</u> 1030 WUSO ∂9.1	СН	Springfield, 10w	90	2000 2048	KGRC WSAK	92.9 106.3	MO IL	Hannibal-Quincy IL Sullivan-Arthur	335 180
2330 MOWT 91.9 11/17 tr	OH	Centerville, 1Cw	90	1/19 0126	tr KCFM	93.7	MC	St. Louis	310
0215 MJ01 93.7 0230 MKBN 98.9	PA OH	Pittsburgh Youngstown	300 225	1/20 0130	tr WPAD	96.9	КY	Paducah	300
1100 WERN 88.7 1102 WAUP 88.1	WI OH	Madison Akron	280	0137 0200	WDBR WHOP	103.7 98.7	IL KY	Springfield Hopkinsville	240 275
2345 WSIP 98.9 11/19 tr	πŢ	Paintsville	225	0400 0401	WKOA	106.5	IL KY	Granite City Hopkinsville	300 275
0204 MGLT 89.1 11/21 tr	IL	Normal	200	0413 1/21	WBYQ tr	92.1	TH	Hendersonville	290
0237 WWXX 104.5 0500 WWOR 92.1	ZII KT	Gallatin Morehead	130	0100	WEFA WTAZ	102.3	IL IL	Maukegan Morton	200 210
0500 UBCQ 92.7 11/27 tr	OH	Bucyrus	125	1/22	wsgs tr	161.1	KY	Paducah Springfield Hopkinsville Granite City Hopkinsville Hendersonville Waukegan Morton Hazard Taylorville Arlington Heights Le Roy	250
1200 WRCJ 89.3	OH	Reading	90	0100	UWAN	92.7 92.7	IL	Taylorville Arlington Heights	190
12/9 tr (97.9	IN	Indianapolis, 1Cw Anderson off air)	70	1/28	tr	92.7	TT	re goa	200
0211 J. J. 97.9 0213 J. J. 97.9	OH	Columbus	130	0200	WKZW	93.3	IL	Peoria	2 <b>3</b> 5
0222	ON	St. Louis	310	1410	VDHS	91.1	IN	Le Roy Zanesville Peoria Gaston, 10w Alpena	10
12/10 tr 0214 WKSW 99.5	on m	Clausland	200	0200	WCHL	91.7	MI	Alpena	3 <b>3</b> 0
0223 WHD0 99.5	KI	Henderson	225	0007	VLNR	106.3	IL	Alpena Lansing Clinton Monticello Normal-Bloomington	165
0300 WARK 99.5	HI	Detroit	130	0057	WLU	105.5	IL	Monticello	190
12/12 Tr		Peru	55	2/14	τr			Mount Sterling	180
<u>12/15 tr</u>		Ashland		2/15 0000				Nadison	120
0400 ULTT 92.3	CH	Jleveland Heights	205	0130	WEEX	101.7		Jeffersontown	160
12/26 tr 0700 ustis 104.5 1700 usti: 99.5	IL,	Springfield		2011				Indianapolis, 10w	
1915 MESM 57.5	227	Beckley Mnoxville	325	0023	KSAY	95.1	IA	Clinton-Fulton IL	285
			co	nt'd					

13

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```
2/10 tr
0039 000; 90.3 H Orest Hill
0100 WFHH 105.9 HD Oreway Point
                                                          HEID 185.5 IN Sedford
                                                   2/25 5r
5527 NEAT 104.1 40 Personeush
9023 WAL 104.1 GD Gleroland
                                               3.50
0101 ULGL 187.1 IN Lowell
  (on air testing - MIRI 105.9 off)
                                                    0035 MTKK 101.5 MI Grand Rapids
2/15 tr
1755 MIN: 96.9 IL Bion-Menosha WI
                                               200 0550 WHFI 103.5 O'T Wilmington
1306 WLJE 105.5 IN Valparaiso
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115 2/27 tr 0030 V(MM 10/.1 CH Salem (em-13CH) 150 0034 WELA 104.3 CH East Liverpool 2/23 tr 2254 WMFR 103.5 NI Battle Creek (Editors note: This continued report from last mouth was all heard when Dave was

living here. Total: 503 with 96 Ed. band stations. All heard in one year two months)

Fred McCornack - 909 12th St. N. - Fargo, ND 58102 Equipment: Fargo - Weath AJ-1600, Winegard CH-7070, Alliance rotor Des Lacs - Reath AR-1500, JFD 10 element log, CDR rotor Loggings marked with an asterisk are from Des Lacs; the rest are from Fargo.

Time CST. New underlined.	6947 CKWG 103.1 MB Winnipeg, testing	210
ELT MIDE.	5 <u>2/2C fr</u> 1430 <u>L3DN</u> * 94.1 SD Aberdeen	240
1/5 Es 1035 unIDs to Maryland, 88.5 in 1/5 Es	2/21 tr	230
1/5 Es 1245 KOTB 93.9 AZ Flagstaff, FM-94 111 1259 KOYT 95.5 AZ Phoenix, "quiet" 122	5 0058 CEK74*91.9 SA Bellegarde, French	90
1851 KBAT 93.3 TX Hidland 105	2029 <u>NDWZ</u> 97.1 MN Crookston	70

+++++ Bob Zent - 1835 Fruit St. - Huntington, II 49750 Equipment: Heath AR-1915, Pioneer TK-9800, Channel Master 4408 Antenna

3/17	tr	£o z	TT	East Mol	ine	c.	270	4/6	<u>tr</u> 9200	95.7	WI	Hilwa	ukee	r. 0/32	ZR 195
3/23		07.7	111	_aaa c 1.51	1110,	3				163.7					275
1258	WETS	ŝ9 <b>.</b> 5	TN	Johnson	City,	С				101.3					270
4/5					•					89.7					195
1306	VBCS	102.9	ИΙ	Milwauke	e, k										power)
	17.0	ew unde	rl:	ined. Loc	king	forw	ard t	:o so	me of	that :	รนกร	ner Es	<ul> <li>758</li> </ul>	, Bob	

# + + + + + + Dave Hascall - 211 W. Merrill - Fortville, IN 45040 Equipment: Soundesign 3 2 Portable

1/1 tr	<u>1/15 tr</u>
2117 WOCH 106.1 IN North Vernon, k mono	1905 <u>WWW</u> 106.1 CH Mansfield, m, wx
2120 WUBE 105.1 OH Cincinnati, ki	1916 MLQR 101.5 OH Toledo, m, " -101"
2130 WHIR 104.9 IN Hartford City, mlt.	1924 WJFM 95.7 MI Grand Rapids
2155 WEZV 101.7 III Fort Wayne, m,"EZ-102"	2218 MIIO 99.1 OH Dayton, m
1/2 +r	11/18 tr
0058 UKRQ 101.9 OH Cincinnati, pr, "0-102"	1619 WIMT 98.7 IL Chicago, nx
0100 MPFR 102.7 IN Terre Haute, p	1626 WMQX 101.1 Th Chicago, pr
0105 WAXI 104.9 IN Rockville-Clinton, r	1629 Will 101.5 IN South Bend, ads
0130 all gone	1/19 tr
1220 UTML 106.5 IN Washington, ads	0015 WDDD 107.3 IL Marion, h, wx, ads
1230 WQLR 106.5 MI Kalamazoo	0035 WSWI 106.1 IL Litchfield, (ew-k)
1/3 tr	"Rock for Mid-Illinois - MSMI"
C245 WSOY 102.9 IL Decatur, m, "FM-103"	0130 WLQA 98.5 OH Cincinnati, m
	1/20 tr
1/6 Es 1855 KTLY 93.7 TN Houston, p, great!!	1159 WPBF 105.9 CH Middletown
1906 RROB 99.9 TX Robstown, neat!	1210 WDAM 106.5 OH Greenville, nx
1855-unID 96.5 A Spanish m station	3/2 tr
1910 wiped out by a pr station	0706 WGGI 107.5 Hb Chicago, wa, d
1/15 tr	0706 MDAC 107.7 OH Darton, d
1303 WLVV 94.9 OH Cincinnati	1319 MVTS 100.7 IN Cerve Haute, r. ads
1501 WSLM 98.9 IN Salem, mix. a/VIAI	New underlined.

# John Ebeling - 9209 Vincent Ave. So. - Bloomington, MN 55431

Not much DX to report from this area, but in case you need info. for the column. I did log 104.9 KRGS IA, Spencer on 3/19/80 @ 1700 w/gospel. Also had them off frequency on 105.1 on 3/7 when they were fighting for channel dominance with WGGR Duluth on 105.1. During the latter part of 1979, I also purchased a Heath AR-15 now modified for SCA reception. I plan to use it along with the Heath AJ-15 for what I hope will be a good DX summer!! Time will tell, however. Regards, John

### Robert S. Ross, VE3JFC - Box 4373, Stn. C - London, ON N5W5J2 Equipment: Marantz 22253 Receiver, Rabbit Lars @90 feet from apt. balcony

L20
60
L50
L20
L20
60
L50
L20

# + + + + + + Saul Chernos - 79 Ridge Dr. - Toronto, ON M4T-1B6

7/28 Es 1945 UGHB 97.7 SC Georgetown	10/1 tr
	1935 WBTF 101.7 NY Attica
(I solved an unid and got a QSL, also)	4:/4 G!!
Hew underlined.	1932 CHUN 104.5 ON Toront

Yes! This incredible catch (CHUN) reflects my activities in FM DX. For TV. I borrow other peoples equipment, but have never hooked an FM radio up. I do most at my cottage 100 mi. ME of the city. MGMB was heard there, MBTF here in Toronto, and surprisingly. CHUM-FM was also heard... I am a mere 11/2 miles from the CN Tower, the world's tallest free standing structure. Guess what's perched on top. No, not pigeons, hi! I just wanted to get the first two loggings off my back, so you should get fresh stuff, probably at the end of the skip season, unless my binder becomes overcrowded. Until then... 73's & good DX....

# STORY OF A BEGINNING FM DXER (continued from page 7)

So now I've gone through 3 or 4 radios, several antennas, and lots of VUD's. I have the very first WHEB QSL. It reads, "First FM DX report received." A high technology JVC stereo sits in the living room fed by a Finco FM-5 ten-element antenna and rotor. I've heard almost 400 FM stations in my 3 years here from 30 states, Canada, and Mexico. KOB AM and FM has been in more than once here. And, so, what is the inevitable end to this story?

Unknown. Probably, though, a \$500 digital tuner and 300' antenna tower. Perhaps ownership of an FM station.

The moral? Well, the DX bug has a very potent bite--especially to succeptable people like me. Also, anyone can start from nothing and be an FM DXer.

I still smile when I hear someone cuss at their TV because the 6 o'clock news on channel 3 won't come in...

# EASTERN TV-DX

Robert Kramer 3406 W. Pierce Chicago, IL 6065

MAY 19	<u>60</u>						<u>_</u>	eadline	יייי		
		Jr. Box 65 C	arolina. R	0281	2	(EST)					
August						<b>100</b> +42	VA	5 Tr	0544	WAST-13	NY
16 Rs	0900	CMJ-4 Cuba	•	.,		WTPA-27		•		Albany	
		WPBT-2 FL				WLYH-15		13 Rs	1107	WMT-2	IA
		NY NJ &				WSYB-18		-,		WBBM-2	IL
-0 11		Phillies in				Blaire				WSB-2	GA
		strong, VA 15,				WCIZ-40	NY			UnlDed	4 edu.
		27, 10				Bingham			/-	UnIDed-	
29 Rs	1 500	KQTV-2 MO				WBNG-12				UnIDed-	
~,		KYTV-3 MO				WCTI-12			1145	WBRZ-2	
		Heavy Het on		14		WBAL-11				UnIDed	
		12 from Can. ar		•		WBOC-16			-22	West	-
		as on FM	•			WDVN-9		17 Tr	0135	Philly !	U's.
	1603	Heavy het. 9				WDCA-20				NJ, MD,	
	,	"These 2 lasted	l			Phillie				WUTR-20	
		several hours,		15		HW, HAYW				WAST-13	NY
		unable to log				WAVY, NJ				WJZ-13	
		anything.				Philly				WBRE-28	
30 Tr	1945	WAVY-10 VA				MD U's	-			WPVI-6	
J	-, ,	WBOC-16 MD		16		WWLP-22	MA			WRGB-6	NY
		WYAH-27 VA				WHYN-40		19	0600	WAST-13	
		WHRO-15 VA				WTEN-10		-,		WKTV-2	
	2300	WWBT-12 VA				WCDC-19				WRGB-6	NY
	٠,٥٠	WHYY-12 DE				WBAL-11				WMUR-9	
		WVEC-13 VA				WBNG-12				WMHT-17	
SEPTEM	ा के कर स	************				WRCB-6				WBAL-11	
		WPVI-6 PA				WCSH-6		NOVEM	BER		
1.	<b>ا</b> رر پ	KYW-3 PA		25		WRC-4	DC			WTVZ-33	VA
		WBAL-11 MD		٠,		Washing		20		Philly'	
	0614	WDVM-9 DC				WTTG-5		DECEM			
		Washington				Washing				WESH-2	FL
		WTAF-29 PA				WJLA-7	DC		-,,-	WEDU-3	FL
		(No date on the	ese.ed.)			Washing			2002	WUFT-5	FL
4	0650	WLVT-39 PA	,,,,,			WDVM-9				WPTV-5	FL
7		WTPA-27 PA				WPVI-6				WJXT-4	FL
	0,20	Harrisburg				WCAU-10				WTVJ-4	FL
	0700	WFMZ-69 PA				WJZ-13				WEAR-3	FL
	0,00	Allentown				WWLP-22				WESH-2	FL
	0751	WOPC-23 PA				WNEP-16				WPBT-2	FL
	0,71	Altonna				WBNG-12		11 Tr	1 541	VA Nor.	
5	0600	WBAL-11 MD				WJAC-6				27,15,3	
,	0000	WDVM-9 DC				Johnsto				12	J,,
		WMUR-9 NH				WTAJ-10		19 Rs	1900	WMAB-2	MS
10	0200	WKPT-19 TN				WIIC-11		.,	_,,,,	KETS-2	
10	0,00	UnIDed 19 NBC				WENY-36				UnIDed-	
	1000	WITF-33 PA				Corning				UnIDed-	
	1,00	WNNE-31 NH		26	2357	WUNT-53			1921	WBRZ-2	IA
		Hanover		LU	~)/(	Annanda	la la			WEAR-3	FL
		KYW-3 PA		27	0550	WTVZ-33			1,,00	WAVE-3	ΚΥ
12	1000	WNNE-31 NH		-,	ورره	Norfolk				WKRG-5	AL
IL		WVTA-41 VT				WCSH-6			2021	WRBL-3	GA
42		WBOY-12 WV				WBAL-11				KTCA-2	MN
13	0,500	WJLA-7_ DC		28	0655	WVIR-29			2023	KQTV-2	MO
		Washington			ررون		tesville		202)	KMOX-4	
		WAVY-10 VA				WMHT-17		JANUA	RY	MION 4	
		WNEP-16 PA			വളവാ	WMGC-29		A Re	1200	Heavy h	et. o
,	0.530	WRGB-6 NY			5000	Binghan		7 194	1,50	12	
	∪ <u>7</u> )∪				1130	WITF-33				KARK-4	AR.
		WTAJ-10 PA		വസവ		*******))	, IA			Little	
		Altoona		OCTOBI	<u> </u>	ugen 4	ME				
		WIIC-11 PA		5 FF	0 200	WCSH-6	ME DA			KTVY-4 Oklahom	
	0600	Pittsburgh				WPVI-6			1756	-	
	0000	WTAR-3 VA				WCAU-10			1/30	Cmaha	NE
		WKTV-2 NY			0 E J. J.	WRC-4		E	0200	KTVI-2	MO
6		WCSH-6 ME			0.544	WUTR-20	n I	5	UZ UU	VIAT-C	nu
.U		Portland									

John Barber Jr. cont			
February	20 Tr 0532 W64AA-64 HY	20 0620	WMET-13 MY
19 Tr 2322 WBOC-16 MD	WHEN XLTR	,	WTVZ, WYAH
20 0528 WPVI-6 PA	W 53AA-53 MY		WCMC-40 NJ
KYW-3 PA	WCBS XLTR		WHRO-15 VA
0532 W59AA-59 CT	W73AR-73 NY	Es.	VMGR-2 TN
WVIT XLTR	WPTX XLTR		

"My equipment; 8' parabolic dish-0072 presmp, Quantam 1110 VHF- Modified Blonder Tengue amp. CDE rotor, on a 100' Rohan Tower. Andrea 25" color TV GE 19" B&W TV."

Bill Fahber 336 Atlantic St.	Bridgeton, MJ	
June 1979	9 Tr 2145 WVIT-30 CT 210	15 ma 1850 KYTV-3 NO 970
3 Tr 0030 WYAH-27 VA 180	2200 WSBE-36 RI 260	20 Tr 2255 ##73-51 PA 80
WDCA-20 DC 100	WMYC-31 MY 115	21 0130 WWHT-68 NJ 105
0100 WITN-7 NC 300	WXTV-41 NJ 115	S EPTEMBER
WWBT-12 VA 170	2230 WLIW-21 MY 125	12 Tr 1800 WPSX-3 PA 200
0115 WXEX-8 VA 200	WSBK-38 MA 300	2200 WIIC-11 PA 260
0200 WCTI-12 NC 330	2330 WXNE-25 MA 300	2300 WTRF-7 WV 290
0330 WVEC-13 VA 190	10 0700 WLVI-56 MA 300	WTAJ-10 PA 180
0340 WFMZ-69 PA 90	0715 WMPB-67 MD 70	13 0001 WJET-24 PA 320
0800 WTVR-6 VA 170	August	0015 WPTT-22 PA 260
0930 WAVY-10 VA 180	2 Es 1900 KARK-4 AR 1000	0100 WMGC-34 MY 190
15 2330 W14AA-14 VA 110	7 1800 WREG-3 TN 870	WS 200-35 PA 320
16 0200 WBRE-28 PA 140	1840 KTEW-2 OK 1160	0200 WHAG-25 ND 130
30 0130 WPRI-12 RI 260	1900 KETS-2 AR 850	0215 WIVB-4 WY 310
JULY	2030 KATC-3 LA 1090	0340 WVIA-44 PA 140
9 Tr 0040 WVIR-29 VA 210	Tr 2100 WCDC-19 MA 250	0730 WCVE-23 VA 170
0240 WTEV-6 MA 280	15 Es 0815 KTVY-4 OK 1240	

"I have a question maybe somebody can answer for me involving one night last summer when I received several stations around Erie, PA, Wheeling, WV, Buffalo, MY, etc. It seems like Es, except that I was tuning in several UHF stations. (A good trope opening will give the appearance of Es, because if you are getting 6,7 or mere stations at the same time, your TV won't know the difference between Es & trope. CCI all leeks alike no matter what the propagation mode (except maybe F2 & aurora), all that differs is the signal strength, and a good trope opening will produce signals equal to these of Es, ed.)."

Bob Seybold Bennett Rd. Dunkirk, NY
"Got a new 4 hand receiver by Lloyds covering 30-50 MHz and 147-174 MHz, also FM and AM for Christmas and put into immediate use on Christmas day, this joining the F2 bandwagon for the first time. Results very good-12/2-5/79 0730 till 1600- much foreign stuff heard on 30-50 MHz with these TV audio or video busz hrd: TF-1 41.25, BBC-41.50 (for hears), 41.27 French, 41.48 BBC, 45.13 Spanish, 40.27 Russian, 45's ? video busz, 38.34 Russian, 48's several test tones of TV stations also a lot of stuff 30.1-30.78-foreign. Lots of Southern CBers, LA, FL, AL & Bahamas booming in most of day.

1/1/80 30-50 MHz band loaded-lots of test tones in 48 MHz band, also 41.23 French, 43.25 Russian, 44.985 ?, 46.815 ?, 41.465 BBC-TV, 38.23 Russian, 40.05 Russian, 30.720 RFE-Spain, 31.100 Russian. Lots of Southern CBers, lots of test test of TV stations somewhere. Entire 30-50 MHz band heavy with signals.

Also trops 12/31/79-suprise opening noted in AM, running into evening and into next day 1/x/80 Ottawa 9 & 13 noted, also these mostly in the evening: WFIE-14, WGMU-14, WAME-15, WICD-15, WNDU-16, Dayton, Cimmcinnati U's 16, 19, 22, 48 also WOSU-34, all Chicago U's, WUNG-41, Indianapolis 40 (rare here), WLFI-18, WAME-17, Peoria U's, WICS-20, WUCM-19, Detroit U's, WFTA-21, WKJG-33 also 39 & 55 Ft. Wayme, several WVIZ-25 XLTRs, WMIT-34, Hazard, KY 35 & 57, WTV0-17, WSBT-22, WSJV-28, Lexington 18, 27, 46, KDMI-30, WTWK-26, WKFT-19 and many others missed some-many signals still in at 1400 next day—counting foreign TV audios heard my totals have now reached 820."

Dave Moody	880 Bertha Av	. Lot 12 Portamo	uth, OH 456	<u>62</u> (1517)	
December		28 Tr 0041 WIK	Y-32 KY 150	28 Tr 1732	KDUB-40 IA 475
26 Tr 1700	WHMB-40 IN 190	1500 WCI	u-26 IL 3 <i>5</i> 0		WDHO-24 ON 225
1730	WLKY-32 KY 150	1 <i>5</i> 09 WFF	T-55 IN 225	1756	WHMB-40 IN 190
1737	WSVN-47 VA 105	1510 WSN	S-44 IL 350	1801	WUHQ-41 HI 275
2259	WJHL-11 TN 175	1628 WMB	D <b>-31</b> IL 375	1815	WBGU-57 OH 195
27 GW 1600	WBTI-64 OH 90	1630 WGT	E-30 OH 225	1829	WIPB-49 IN 175
	STV	1633 WHM	E-46 IN 275	1930	WUAB-43 OH 210
Tr 2300	WJHL-11 TN 175	1644 WQR	F-39 IL 400	1931	WSVN-47 VA 105
	WLIO-35 OH 150		1- <b>1</b> 8 IN 225		WCAE-50 IN 300
	WICS-20 IL 360		v-28 in 27 <i>5</i>		WMVT-36 WI 400
	WAND-17 IL 350		A-21 IN 225		KRIN-32 IA 550
00 <b>40</b>	WNDU-16 IN 275	1730 WEE	K-25 IL 375	2 <b>14</b> 5	WKON-52 KY 250

EASTERN MIKE HOGAN		MAY 1980
Dave Moody cont'		•
December	30 Tr 0017 WPGH-53 PA 210	15 Tr 1700 H799-55 EN 225
28 Tr 2226 W63AH-63 OH 90	0030 WQHO-40 PA 210	1726 WUHQ-41 MI 275
2229 WKMJ-68 KY 150	0034 WSJV-28 IN 275	1735 WHME-46 IN 275
00 4000 0000 10 00 1000	0074 IRDE 14 MT 207	ADDE WHOLE AN THE SOLE

1358 CKCO-42 ON 400 0051 WUHQ-41 MI 275 1746 WMDU-16 IN 275 1403 WUAB-43 OH 200 0100 WFMJ-21 OH 225 1906 WCTU-29 NI 475 0102 WWYU-24 WV 180 1406 W63AH-63 OH 90 2000 WJAN-17 OH 160 1414 WSNS-44 IL 350 0130 WJAN-17 OH 160 2152 WKBD-50 MI 260 1416 WCIU-26 IL 350 0131 WAKR-23 OH 190 2216 WSJV-28 IN 275 2243 WUAB-43 OH 200 1430 CKGN-29 ON 300 0137 WRAU-19 IL 375 Oil Springs, ed. 0154 WNDU-16 IN 275 2316 WDRB-41 KY 150 1435 WKBD-50 MI 260 0207 WYTV-33 OH 225 0058 CKCO-42 ON 300 1450 WUHQ-41 MI 275 0220 WFIE-14 IN 260 0100 WGPR-62 MI 260 1524 WPGH-53 PA 210 0259 WDRB-41 KY 150 0102 WKBD-50 MI 260 1615 WXON-20 MI 260 0310 WXON-20 MI 260 0103 WUAB-43 OH 200 1630 WTVS-56 MI 260 0312 WANE-15 IN 225 0104 WLIO-35 OH 150 1654 WOUG-44 OH 125 1730 WCFC-38 IL 350 0113 WDHO-24 OH 225 1657 WCTE-30 OH 225 1747 WHME-46 IN 275 1357 WLFI-18 IN 225 1757 WSJV-28 IN 275 1658 WTIU-30 IN 200 1500 WAND-17 IL 350 1700 W17AA-17 OH 125 1801 WBGU-57 OH 195 1519 WFID-32 IL 350 1734 WKON-52 KY 250 1803 WFFT-55 IN 225 1535 WSNS-44 IL 350 1739 WKMA-35 KY 275 1837 WOUC-44 OH 125 0100 WMBD-31 IL 375 1830 WHMB-40 IN 190 1900 WUHQ-41 HI 275 0137 WHA-21 WI 460 1834 WFFT-55 IN 225 1905 WCIU-26 IL 350 0202 WIFR-23 IL 460 1839 WKSO-29 KY 140 1907 WMBD-31 IL 375 0203 WIKY-32 KY 150 1847 WMBD-31 IL 375 1928 WHMB-40 IN 190 1659 WKON-52 KY 250 1920 WKMJ-68 KY 150 1930 WGVC-35 MI 350 1830 WKPC-15 KY 150 1930 WKZT-23 KY 170 1942 WCTE-30 OH 225 "As of 1/19/80 WPBO reduced 2100 WSVN-47 VA 105 its aural power in half. 0000 WFYI-20 IN 190 1 Tr 1618 WHME-46 IN 275 Aural power is now 10% of 0004 WKBD-50 MI 260 1630 WSNS-44 IL 350 visual power. Visual power 0005 WFFT-55 IN 225 1636 WFFT-55 IN 225 is now 52.5 kw ERP." 0006 WUAB-43 OH 200 1923 WDHO-24 OH 225

Robert Ross VE3JFC Box 4373, Stn. C London, ON N5W 5J2 (EST)

March 23 Tr 0009 WKAR-23 MI 0032 WQIN-54 PA 0035 CBLFT9-68 ON 0029 WEYI-25 MI 0030 CBLFT-25 ON 0030 CBLFT-25 ON

1630 WHEEB-40 IN 190

(This report was sent to

me from the temporary

WTFDA DEFINITIONS
Dangerfield... A large restaurant for LLAMAS
LLAMAHA...... A very dangerous brand of motorcycle.

0008 WHMB-40 IN 190

Paul Gaines % CP CLEANING	15920 Puritan St. Detroit, MI	48227 (313)-861-6321
September	November	25 Tr 0921 WRAU-19 IL 345
27 Tr 0315 WTTV-4 IN 255	1 Tr 0354 WSAZ-3 WV 280	0925 WILL-12 IL 305
0517 WROC-8 NY 280	5 Ms 0509 CKGN-2 ON 320	December
0647 WHEC-10 NY 280	19 0345 WCBS-2 NY 490	5 Hs 6306 WEIV-4 SC 685
C707 WOKE-13 MY 280	24 Tr 2300 WILL-12 IL 305	12 0530 WCBS-2 NY 490
0730 W64AK-64 OH 125	2309 WOKR-13 NY 280	13 0542 WSB-2 GA 600
29 1057 WICD-15 IL 305	2333 WAND-17 IL 340	Atlanta
1126 KOLR-10 MO 630	2350 WICD-15 IL 305	# 394
1130 WGEM-10 IL 450	25 0041 WIKY-32 KY 310	14 0533 WSB-2 GA 600
2248 w64ak-64 oh 125	0118 WKYT-27 KY 305	15 0551 WCBS-2 NY 490
2300 CHEX-12 ON 270	0125 WIFR-23 IL 325	0623 KTEW-2 OK 795
30 2117 WILL-12 IL 305	0145 WDRB-41 KY 310	Tulsa
October	0147 WTVQ-62 KY 305	# 395
1 Tr 0945 WILL-12 IL 305	01 <i>5</i> 2 WZTV-17 TN 475	16 0553 WCBS-2 NY 490
5 Ms 0406 WCBS-2 NY 490	0154 WHAS-11 KY 310	19 0556 WCBS-2 NY 490
11 0405 WCIV-4 SC 685	0156 WBKO-13 KY 410	21 0552 WCBS-2 NY 490
Charleston	Bowling Green	24 0533 WCES-2 NY 490
# 392	# 393	25 0549 WCBS-2 NY 490
21 0418 WCBS-2 NY 490	0309 KPLR-11 MO 450	0622 WCED-2 SC 685
Tr 0423 WSAZ-3 WV 280	0412 CKGN-2 ON 320	Charleston
23 Ms 0318 WREG-3 TN 615	0421 WSAZ-3 WV 280	# 396
24 0300 KOA-4 CO 1125	0633 WLEX-18 KY 305	26 0330 WDAF-4 MO 625
28 0233 WCBS-2 NY 490	0705 WFIE-14 IN 375	Kansas City
31 0305 KOA-4 CO 1125	0919 WMBD-31 IL 345	# 397
18		

EASTERN TV DX		MA: 1980
Paul Gaines cont'		
26 Tr 0530 WTWO-2 IN 290	4 KE 0310 WWAR 4 4 4	LO No 0613 WDE-2 GA 600
Terre Haute	free (	12/1 LANGE AR 71f
# 398	21 4 4	section of the
27 Ms 0306 WDAF-4 MO 625	# . * *	se solit,
28 Tr 0212 WREX-13 IL 300	5 0627 KHdw-1 UF 795	64 (316 <u>KAFE-+</u> TX 1100
0930 WILL-12 IL 305	c Es 1800 WIET-: Po 790	Amarillo
2252 WTHI-10 IN 296	15 0 56 × 40 €	# 40°
2309 WMBD+31 IL 345	1859 WILLU-U 14 94L	20 0541 N3B3-2 NY 490
2313 WRAU-19 IL 345	2000 WEAR-3 FL 870	0626 WSB-2 GA 600
2320 WEEK-25 IL 345	12 Ms 0617 KTEW-2 OK 795	27 0547 KTEW-2 OK 795
29 0237 WGEM-10.IL 450	15 Tr 1228 WDEF-12 TN 525	31 0250 KARK-4 AR 715
0241 WREX-13 IL 300	Chattannooga	February
02 54 KPLR-11 MO 450	# 400	1 Ms 0.46 KDFW-4 TX 1000
0305 WHAS-11 KY 310	1247 WILL-12 IL 305	4 0220 KARK-4 AR 715
0341 WIUK-11 WI 275	2221 WOWK-13 WV 280	5 0517 KDFW-4 TX 1000
Ms 0534 WCBS-2 NY 490	2228 WBOY-12 WV 260	6 0511 KDFW-4 TX 1000
Tr 0855 KETC-9 MO 450	2239 WMUL-33 WV 280	7 0330 WDAF-4 MO 625
2255 WILL-12 IL 305	16 0527 WHAS-11 KY 310	8 0438 KDFW-4 TX 1000
30 0855 WOWK-13 WV 280	18 0242 KFVS-12 MO 475	12 0455 <u>KMOL-4</u> TX 1220
2309 WBOY-12 WV 260	1203 WKNO-10 TN 615	San Antonio
31 0124 WOWK-13 WV 280	1208 WSIU-8 IL 435	# 404
0829 WBOY-12 WV 260	Carbondale	13 0516 KMOL-4 TX 1220
January	# 401	20 0313 KDFW-4 TX 1000
1 Ms 0536 WCBS-2 NY 490	1232 WILL-12 IL 305	"KMOL IDed by pic (not good
3 0533 WCBS-2 NY 490	19 Ms 0523 CKGN-2 ON 320	MICE IDEA of PIC (NOT BOOK

enough to print(VUD)) (Paul, if you send it to me, the negative that is, I'll see what I can do with it. A 1220 mile Ms logging is certainly worth trying, ed.) is my longest Ms-KOA was! . Hard way to make a living (Msing)! CBers, cold in apt. this winter (heat). 95' lead-in, no preamp. But have done good. WCIV, KTEW, KAMR sent to photo column. Unfleds not listed."

General Robert (Ulysses) Grant	5775 Bishop Detroit, MI 482	24 (EST)
February	March	"Hi, I am predicting a
30 L1 2998 "VT amalL" 800	9 Ms 0315 UnIDed-4	good Es season. Cycle 21
Llama ch 4000	ID slide	was a flop (also a dog food
Light 5000, 647	0347 UnIDed-2	for extremely old dogs,
GHz years.	13 0245 same as <b>3</b> /9	ed.). Thanks to the aid of
Llama planet	0303 UnIDed-4 RETMA	my Union Army forces, i
Llama propagation reached	"Gaines thinks	have found and rescued
ch L1 4000 in late Feb.,	KT'IV"	Mike Hogan (thanks, ed.)
strongest L1 video since the	0347 UnIDed-4 REIMA	in Brazil. He was up in
1890s. Keep in mind that	14 As 0300 WTAE-4 FA 210	high up in a tree, with a
llaman TV uses reverse time	Pittsburgh	white look on his face,
polarity, this means bullets	27 Tr 0200 WWTV-9 NI 175	pointing at the ground,
fly out of dead outlaws &		yelling snake. It was
into guns.		only a stick though."

And now its time for another episode in the unfortunately unending story: MIRE HOGAN, the Man? The Myth? The Legend? Fresh from his recent adventure in Brazil, his lack of success in quest of llamas, and his run in with a snake, our hero, much to the distress of his long suffering wife, goes out in search of further adventure. He's decided to go to sea. Knowing that all sailors regularly sail the 7 seas, out not being satisfied with just doing that, Mike has decided to prove the theory he had long held, that there are 8 seas. This is his latest quest. Will he te successful or will once again fail? Tune in next month for another episode of: Mike Hogan, the Man? the Myth? the Legend?

Dave Hascall 211 N. Merrill	Fortville, 1N 46040	
August	8 Tr 0100 WPSD-6 KY 250	14 Tr 2230 WILL-12 IL 125
7 Tr 0830 WILL-12 IL 125	Paducah	WICD-15 IL 125
WTHI-10 IN 90	0155 WZTV-17 TN 260	WAND-17 IL 165
WTVW-7 IN 160	Es 1000 XEPM-2 MX 1300	16 0900 WNIT-34 IN 120
0900 KSD-5 MO 245	Cd. Jaurez	South Berd
KETC-9 MO 245	10 1715 KPRC-2 TX 900	WKJG-33 IN
KPLR-11 MO 245	1800 WBRZ-2 LA	17 Unified-5 JRI
1200 KSD-5 MO 245	1830 KOA-4 90	September
2230 WTVF-5 TN 260	1830 UnIDed-5 CBS	4 Tr 2159 WJHT-12 HI 250
8 0000 WZTV-17 TN 260	UnIDed+3 JBS	Flint
Nashville	UnIDed-2 ABC	2200 <u>WIIX-10</u> KI 770
0015 KPLR-11 MO 240	14 Tr 1900 KPLR-11 NO 245	Onanda <i>r</i> a
-	2200 KSD-1 18 248	

EASIER	UV IV DA						
	Mascall cont'	13 Tr	0700	WDHO-24 OH 165 Toledo	29 Tr	1600 1800	WDHO-24 OH 165 WTOL-11 OH 165
2	Alpena 2217 WKZO-3 MI 220 Kalamazoo 2135 KPLR-11 MO 245 2200 WHIO-2 OH 90	25	0700	KATV-7 AR 540	•	1859	WKEF-22 OH
	Kalamazoo			Little Rock	Januar	<u>y</u>	3 3 1 mm//
6 3	135 KPLR-11 MO 245	Novem	ber		4 83		CCI on local WTTV
2	Ralamazoo 2135 KPLR-11 MO 245 2200 WHIO-7 OH 90 2205 WBAK-38 IN 2207 WHIU-30 IN 70 Bloomington 2208 WCET-48 OH 90 Cincinnati	20 Tr	0645	WKRC-12 OH 90		2000	KENW-3 NM
2	205 WBAK-38 IN			Cincinnati	,	2100	KMID-2 TX
2	207 WTIU-30 IN 70		0655	WLKY-32 KY 115	6 -	1830	KATC-3 LA
	Bloomington	24	2335	WKEF-22 OH 90	18 Tr	1800	KCRG-9 IA 360
2	208 WCET-48 OH 90	Decem	ber				Cedar Rapids
	Cincinnati	29 Tı	1430	WIIO-35 OH 113		2000	KH-2A-7 MO 330
2	258 WLKY-32 KY 115			Lima			Hanni bal
	WUSI-16 IL 150		1500	WSNS-44 IL Chicago			
7 2	207 KOLR-10 MO 480			Chicago			
M		TT 61	1,00	(200) 286-7201	(ሮኖጥ)		
Marvin	n Shults RR #1 Toulon	11 01	.40)	(309) 200-7291	20 55	0001	MOLICE PIL ON
Uecem I	0er	28 Tr	2129	WTVS-56 MI	JU 11	0.00 t	WITO 25 OF
11 12	1000 Ch A∠ strange			WGPR-62 MI		0905	#110-33 OR
	buzz		2130	WUAB-43 OH		0006	W39AA-39 IN
13 Tr	0945 KOZK-21 MO			w63ah-63 oh		0900	WUSU-34 OR
	0958 KTVP-29 AR		2159	W 58AG-58 OH		0910	WDHO-24 OH
	0958 KLMN-24 AR			Georgetown			WGTE-30 OH
	1059 WPTY-24 TN			XITR WCET-48		0911	WVIZ-25 OH
	1115 WMAV-18 MS			WBGU-57 OH		0913	WKYT-27 KY
17 F2	1030 BBC1-B1 GB			WDHO-24 OH		1030	WKBD-50 MI
	41.25			WCTE-30 OH			WGPR-62 MI
18	0845 TF1-F2 France		2200	WVTZ-25 OH		1100	WPTD-16 OH
	41.5 MHz			WXIX-19 KY			WPTO-14 OH
	0900 BBC1-B1 T		2223	KCPT-19 MO		1127	wkon-52 ky
	"Video lines"			KPMA-41 MO		1300	WPBO-42 OH
	0925 BBC1-B1 GB			KYRC-50 MO	31	0939	WBTI-64 OH
	"Test tone"		2230	CBEET-78 ON	-		WCET-48 OH
	0945 BBC1-Bi "Welsh		22,00	W6741-67 MT		0940	WUAB-43 OH
	Instructional		2300	WETE-1/L TN		0941	WLIO-35 OH
	TV?"		2251	MATON STATE		-, -	WPBO-42 OH
19	0830 TF1-F2		1رر ۵	V76D7_76 TA	Januar	v	
-/	0930 BBC1-B1 Welsh		2255	V70DI-70 IA	2 Es	1229	KBCI-2 ID
20 Tr	0800 KOZK-21 MO		4,727	אים באים יות אים	4 Tr	02 51	WKEF-22 OH T
-0 .1	KMTC-22 MO	20	4)70	WADDO-AD ON		02.55	KMTC-27 MO
F2	0830 BBC1-B1 GB	29	002/	UKGN-29 UN	14	1030	WTCN-11 MN
20	0855 TF1-F2 France		0030	WPIU-14 UH			WHWC-28 WI
	0830 BBC1_B1 CB		0830	KBMA-41 MU		1330	KTHT-11 ND
27 77	1055 KBMA-41 MO		0830	CKCC3-42 UN	18	1030	MCEG-48 OH
~/ 11	1055 MTSB-27 VA		0838	WUAB-43 OH	10	,-	WKON-53 KY
	1059 V07V-21 MO		0840	WCET-48 OH			WCVN_5L KY
	VMPC_1/L TA			WBTI-64 OH			WKYT-27 KY
	1050 VVIN-2/1 TA		0842	W63AH-63 OH			MKIE-PV KA
	1628 VCDT-10 MO		0844	WNEO-45 OH			WTWO_62 KY
	1653 VVDC_50 MO		0953	CBEFT-78 ON		1100	WIRAR-IR OH
	2200 hund 2/r Un		0955	CICO-59 ON		1120	WYWA_35 VV
	7200 MDMO-54 OU		1000	CBLFT3-48 ON		1127	WVVU_67 VV
28	0800 KCZK-21 MO KMTC-27 MO 0830 BBC1-B1 GB 0855 TF1-F2 France 0830 BBC1-B1 GB 1055 KTSB-27 KA 1058 KCZK-21 MO KMSC-14 IA 1059 KYIN-24 IA 1628 KCFT-19 MO 1653 KYFC-50 MO 2200 WDHO-24 OH WCTE-30 OH 0845 KMSC-14 IA KBMA-41 MO KTSB-27 KA 0850 KHKE-29 NE KYNE-26 NE 0852 KTVP-29 AR 0859 WCTE-48 OH 0859 WTVQ-62 KY 0902 WBT1-64 OH			W64AE-64 OH T		1120	Touteville His
20	UDMA JII MO		1030	W69AB-69 WI		11)0	MADA NA
	MUCH 22 VA			Darlington			MVLT- VI
	VIDD-CL VV			XLTR WKOW-27		1920	ות כב-ובאו
	0000 KUNE-59 NE			W67AC-67 WI		1320	WMUL-)) WV
	AIRE-20 RE			Darlington		1200	WOOMI-OO KI
	0052 KTVP-29 AR			XITR WHA-21		1 300	WIVK-20 IN
	0859 WCET-40 UH		1158	WPTD-16 OH			"NOW NEG"
	0859 WTVQ-02 KI			WAKR-23 OH		4000	WHAS-II KI
	0902 WBTI-64 UH		1159	WLIO-35 OH		1330	WUAB-43 OH
	Cinncinati		2129	WPGH-53 FA			WNEU-45 OH
	0904 WLIO-35 OH		2130	WOUC-44 OH		1628	wivw-y IN
	0910 WPBO-42 OH	30	0852	WUAB-43 OH			wnin-9 in
	WOSU-34 OH	-	08 53	W63AH-63 OH		2029	WCPO-9 OH
	1100 KCPT-19 MO		08.55	WBGU-57 OH		2100	WRIP-61 TN
	1200 WKEF-22 CH		1.75	N 300-48 1H			Chattannooga
	1430 WXIX-19 KY		OH 55	#KEF-22 UH		2129	WCPT-55 TN
	2059 CKCO3-42 ON		-00	WINED-45 OH		2130	WKMU-21 KY
	0859 WCET-48 OH 0859 WTVQ-62 KY 0902 WETI-64 OH Cinncinati 0904 WLIO-35 OH 0910 WFBD-42 OH WOSU-34 OH 1100 KCPT-19 MO 1200 WKEF-L2 CH 1430 WKEF-L2 CH 1430 WKIX-19 KY 2059 CKCO3-42 ON 2120 CICO-59 ON 2129 WKED-50 MI		0900	WPGH-53 PA		2140	WPTY-24 TN
20	2129 WKBD-50 MI		5 900	W47AB-47 OH		2148	KYFC-50 MO
ZΨ	- ·			17 1120 17 011			

EAST	ERN TV DX		MAY 1980
Marv	in Shults cont'		
18 T	r 2148 KBMA-41 MO	19 Tr 0508 WKRC-12 OH	19 Tr 1958 WPTY-24 TN
	2152 K7400-74 IA	0519 WAVE-3 KY	21 0859 WLIO-35 OH
	k76bz-76 ia	0520 WAAY-31 AL	0900 WOSU-34 OH
	2158 K79BL-79 IA	0539 WHNT-19 AL	w63 <b>ah-</b> 63 oh
	2159 K740Q-74 MO	0545 WCOV-20 AL	0915 WCET-48 OH
	K76CA-76 MO	Montgomery	MONG-14 OH
	<b>K78BX-78</b> MO	0616 WDRB-41 KY	0929 WPBO-42 OH
	Marceline	0627 WAFF-48 AL	wcvn-54 ky
	XLTR KMBC-9	0859 WCET-48 OH	1029 32,41,68
19	0446 WHIO-7 OH	0901 WBTI-64 OH	Louisville
	0450 WKEF-22 OH	0900 WFYI-20 IN	(2 reports combined, ed.)
	0452 WCPO-9 OH	0930 WMUL-33 WV	"As can be seen, I just got
	0500 WXIX-19 KY	1028 21,22,23,29	
	0508 WTVK-26 TN	35,38,46,52	geared up for F2 reception on Dec. 17. I was quite a thrill to
	-	53,68(all KET)	hear my first F2 overseas

reception ever of BBC1. On Dec. 17,18,19 I was receiving both BBC1 & TF1. Only BBC1 on Dec. 20 was heard. On Friday the 2ist, I may have been receiving a video test pattern with about 12 vertical alternating black and white bars. I have been working feverishly on a 1963 GE black and white set so that I could receive F2. The GE had several problems which had to be correcte . I am now running regular deep fringe VHF antenna through a pre-amp directly into the 41 MHz I.F. strip. This system worked the first time that I hooked it up on Dec. 17. I have not listed any of the F2 reception of BBC1 & TF1; however, F2 has been received on at least 14 days in January. On Dec. 31, I reserved BBC1-B1 video with a program titled "The Best of ---". At that point, I got my soldering iron out and reversed the video detector diode for British positive modulation. I saw a spot on WKEF-22 announcing that there would be a program with the general managers of WKEF-22 and WDTM-2 discussing the changing of network alliliations between WKEF(NBC) and WDTM( now ABC). KBCI-2 Boise popped through on Es for about 10 minutes on Jan.2. On Jan. 18 I received a program on ch. 55 with the same program-only a lady minister-that was on WRIP 61 and speculate that it might have been WCPT-55 Crossville. Good January tropo openings have been noted on January 14,18,19 and 21."

# IRVINE, CA. JULY 18-20

Things are starting to shape up for the ANARC 80 convention to be held July 18, 19 and 20 at the campus of the University of California at Irvine. Some of the people who are planning to attend include: Ian MacFarland, the popular host of "DX Digest" on Radio Canada International, George Wood, the editor of "Sweden Calling DX'ers" from Radio Sweden, J.M. Frost and Andy Semnitt of the World Radio-TV Handbook, Takahito Miki of the Japan BCL Federation and DX'er of the Year (1979) Mike Hardester of San Diego. Also planning on being in attendance will be some of the various manufacturers including Grant Manning of Radio West and a representative from Ham Radio Outlet. It also looks like we will have people from the R.L. Drake Co., Kerwood, Panasonic and also from Sony.

Now is the time to get your registration in, ANARC 80 offers to be the largest "All Wave" convention. Get your Registration Form today. To get your form. send a #10 SASE to: Convention Chairman, Mr. Stew MacKenzie, 16182 Ballad Lane, Huntington Beach, CA 92649 USA. DO IT TODAY!!!

# WESTERN TV-DX

May 1980

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

Deadline: 5th

There was very little activity here this month and only two reports were received. Things should pick up very soon.

New Mode\_ \_

Tentative - t

Unidentified - unid.

Paul Mitschler, 2324 Winterwood Lane, Topeka, KS 66614

radi muschici, zyca minusi		
January 1980	5 Es 1539 WUNCt 4 NC 944	March 1980 25 tr 1755 KMTV 3 NE 170
2 Es 1815 WCBD 2 SC 970	1715 WPTV 5 FL 1270	1308 KCBJ 17 MO 180
4 Es 1735 unid 2 CBS se	1728 WUFT 5 FL 1060	1900 KTVJ 16 MO 160
unid 3 NBC 1800 WMARt 2 MD	1730 WESHt 2 FL 1070	2120 <u>KGMC</u> 34 OK 290 KOKH 25 OK 290
KYW t 3 PA 1089	WEDUt 3 FL 1125 1737 WCIXt 6 FL 1345	
1830 WTAR 3 VA 1050		KHIN 36 IA 150
5 Es 1215 WUND 2 NC 1090 unid 3 XE?	February 1980	26 tr 0655 KYTV 3 MO 180
1525 WFMY 2 NC 930	12 tr 1930 <u>KMOS</u> 6 MO 150	KLMN 24 AR 210 KTVP 29 AR 210
(MUF @ ch 4)		KOLR 10 MO 180
1539 WWAY 3 NC 1030		

I got very little Es activity during the first three months of the new year after the strong skip during the first part of January. During the 5th (January) logging I was able to receive an FW station from Miami, Florida (WUSF) during my at activity. At that time I had my FM antenna on the rotor with the TV so was able for the first time to monitor for higher MUF's than before. On March 25, I got my first activity from the south in the UHF with excellant pictures from KGMC and KOKH from Oklahoma City. KOKH definitely maintained a better signal level here in Topeka than did KGMC. This was quite a surprise since I did not know KOKH was operating at high power.

Frank M. Luman, 1148 S. Steele St., Denver, CO 80210

(Frank sent a very interesting letter describing his DX'ing from his former QTH in Glasgow, Scotland. I am sure he would be happy to assist any of you who have questions about British television. He describes the bands at Denver as very crowded. Frank would like to get in touch with other TV DX'ters in the Denver area. So, if there are any of you out there, drop him a line. fm)

# STATION BREAK

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

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

WANTED - Copies of WHTH, 1960 and earlier. Please state price and condition. John Walters, RD 3, Acorn Dr., Vincentown, NJ 08088.

WANTED - Very old TV sets (before 1953). Also old TV GUIDEs or TV GUIDEtype magazines from before 1953. Jeff Kadet, Box 90, Rockville, MD 20850, (301) 65h-1876 after 10 p.m.

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

# VAF UTILITY DX

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

MAY 1980

In early April solar flux levels were on the upswing, reaching values not seen at this time of the year since 1959. That had just followed a month with the lowest average (169) since May of 1979. The smoothed value for Sept thus was down from the Jul-Aug "peak" (191 vs 194).

Most of the 50-MHz DX has involved equatorial paths -- many England & German openings to S.Africa in the 09-17z range...Darwin getting the French Guyana beacon (FY7THF), sometimes via Africa path 15-16z... Solomon Islands into FY7, Surinam, Venezuela, Costa Rica, Argent ...Hawaii to South America & Australia (mostly Queensland)...Hawaii beacon into Hong Kong & 12z on 25 Mar into Greece over South Pole... Japan to Puerto Rico on 10 Mar over the same regions...Cyprus beacon into W.Australia...Ascension Island (ZD8TC) into Brazil & Gibraltar ...Guam into Brazil...Gibraltar to Argentina...Arizona & Mexico heard in Tasmania...2 Apr 2115z Wellington,NZ to St.John,NB...5 Apr 2140-2250z lots of Florida into ZL4 (s. end of s. Island)

My loggings; Bearcat 210 & 11-m g.p. @ 14', Hallicrafters SX-62 with 30' wire @ 12' (see later for 49-50 MHz); F2 unless noted (\* Es, bs-backscatter) with daily MUF peaks noted; GMT used, new underlined

3-6:	3-7:
1353 KCB526 33.70 Kennebunkport, ME-	
1400 KBZ283 33.90 Orford, NH-rf	" Eugene " "
1430 KCA305 37.54 Eddington, ME-u	1707 KOP303 35.46 Langley, WA-mp
1502 KCA346 " Ellsworth, "-he	1708 40.62 Pacific ?
KCC405 " Bangor, " "	1840 KCB890 35.58 Fall River, MA-tp
1520 43.7 se	1907 35.26 Centralia, WA-mp 2139 35.46 Sackville, NB-ha(R.Can)
1625 35.50 Philadelphia, PA-mp	2139 35.46 Sackville, NB-ha(R.Can)
2230 45.24 New Zealand (TV video)	3-8:
2355 40.04 Russian ?	0108 KLF527 35.22 Honolulu, HI-tp
3-7: 1400 KCD244 33.70 Falmouth, MA-f	1345 KCC284 33.90 Tolland, CT-af
1400 KCD244 33.70 Falmouth, MA-f	1355 KCH677
KCD246 "S.Yarmouth,""	KCB404 33.70 Ashburnham, MA-f
KCF264 " Truro, " "	
KCD271 " Harwich, " "	KDAOO7 DOITON,
KCE288 " W.Tisbury,"-cf	KCF337 " Boylston, " " KCH246 " Clinton, " "
KCE288 " W.Tisbury,"-cf KCF358 " Centerville,"-f KCD492 " DennisPort." "	KCH246 " Clinton, " " KCA395 " Gardner " "
KCD497 " BuzzardsBay," "	hobjoz harvara;
1401 hop430 bandwich,	
	KCB360 KDN599 " Paxton, """
RCD / 34 OHA CHAM,	1357 KCN575 " E.Princeton," "
	KCH585 " Rutland " "
KCB781 "Barnstable,"-cf KCD845 "Brewster, "-f	KCE537 " Sterling, ""
KCD574 " Eastham, " "	KRJ887 " Templeton, ""
1402 KCD454 " Hyannis, "-fdi	
KCF574 " Mashpee, "-f	KAV492 " Winchendon, " "
1407 KCD353 " Lancaster, " "	1358 KAX916, KCD658; 1403 KBZ283
1408 KCB360 " Leominster," "	1414 KCD454, KCD244, KCD246, KCF264
KCH677 " Fitchburg, " -cf	KCD271, KCE288, KCF358
1409 KAX916 " Lunenburg, " -f	1415 KCD492, KCD497, KCD500
KCD658 "Westminster,""	KCD556 33.70 Orleans,MA-f
1445 37.48 Russian; 1520 KCC405	KCF574, KCD594
1542 KCC944 33.70 Torrington, CT-f	KCD697 33.70 Provincetown, MA-f
1545 KCA305	1415 KCD760, KCB781; 1416 KCD845
1554 KCC957 33.70 Bethel, CT-f	1525 43.7 se
1558 43.7 se	1610 41.23/.25 France (TV audio)
1654 KOK418 35.46 (west)-mp	1857 40.62 Pacific ?
	72

VHF UTILITY DX (Dyer, cont.) 3-17: 1930 46.24 Spanish 3-18: 1258 KCJ939 33.70 TenantsHarbor, ME-f 1311 KCB479 33.90 Kingston, MA-f 1311 KCB479 33.90 Kingston, MA-f 1329 KDC288, KDA383, KDA381 1330 KBZ283; 1355 41.27 France 1405 KCA305, 1559 KCC405 1755 R.Mia 45.62 Panama (stl) 2339 KOP303 35.46; KOK418 2340 35.26 Portland; 2345 KUA288 3-19: 0010 40.68 Pacific 1357 KCH239, 1400 KCH677 1400 KBZ283, 1501 KCA346 1501 KCA305; 1515 41.23/.25 France 1535 41.27 France; 1600 41.5 BBC 1732 46.46 Spanish 2155 45.24 N.Z. video 2200 45.25 " " 3-20: 0030 39.71 Russian 1329 KDC288, KDA383; 1330 KBZ283 1331 KCD346 33.90 Tolland, CT-f 1331 KCB970, 1332 KCC482 1339 KCA346; 1350 KAX916, KDN599 1350 KCN575, KCH585; 1351 KCE537 1351 KRJ887, KCD658; 1401 KCD594 1405 41.23 France, 41.5 BBC 1406 KEA860; 1420 41.27 France 1435 39's US ne; 1758 35.26 Port. 1759 KOK418, 1940 KCC405 2245 45.24 N.Z. v1d; 2259 KLF527 2300 45.25/.26 " " 1329 KDC288, KDA383; 1330 KBZ283 3-21: 1259 KCA695, 1301 KDA381 1306 KCC944, 1307 KCC284 1311 KCB781, 1316 KCE970 1316 KEV416 33.90 GlensFalls, NY-cf 1317 KCK671 " LakeGeorge, " " 1342 KCC405, 1403 KCA305 1404 KCA346, 1720 46.74 Peru? 1934 KUA288; 1946 KOP303 35.46 2050 45.26 N.Z. video 3-22: 1454 KC1299, KEA860 1457 37,54 US ne; 1705 KUA288 2205 45,26 N.Z. video 2305 45.24 3-23: 1722 KCA346 2144 45.26 N.Z. video 1432 KCF364, 1515 KCC405 1515 KCA305, 1719 KCC284 1727 KCD453 33.90 Hanson,MA-f 1730 KDC288; 1839 KOP303 35.46 1847 35.26 Portland 2140 45.25 N.Z. video 2153 46.24 Australian video? 3-25: 0110 31.04 R.Peking-ha 1454 KCA695 33.78 Manchester, NH-f 1646 KCD511 33.70 Camden, ME-f

2128 45.24 N.Z., 46.24 Aust.? 3-26: (magnetic storm) 1335 35.28 Sp., 1906 KLF527 3-27: 1809 35.26 Seattle; 1856 KOH894 2125 45.24 N.Z., 2140 45.26 N.Z. 2155 46.46 Spanish 49-50 MHz, Swan 250 with Ameco nuvistor preamplifier, 5-element Cushcraft horizontal Yagi at 23' 3-18: 1610 FY7THF French Guyana (50.037, fak beacon) 1815-2210 49.65/.7/.82 Spanish 1923 50.02/.075 Colombia? 2100-15 CA bs to sw 1845-1930 49.65/.7/.82/.92 Sp. 3-21: 2125 50.76 New Zealand (TV audio) 2130 50.75 " 1950-2055 49.92/.82/.78 Spanish 0045-0100 50.75 N.Z. 0120-0220 LUSMBL Mendoza, Arg. 2125-2130 49.78 se 3-24: 0145-0220 TE se 0213 CE3DZ Santiago, Chile 1945 49.82 se 3-25: 2000-2010 49.82 se 1940 49.82 Sp.; 2045 49.92 ? 2110 ZL2CD Wellington, NZ 2125 CA bs, 2130 NM bs 2132 ZL3NE Christchurch, NZ 2150 ZLIBPW Auckland, NZ 2200 50.74 N.Z. 4-2: 2115 ZL1 ?? 2140 ZL40Y Dunedin, NZ 4-5: 2045-2210 K5CM (OK) bs 2158-2205 W6XJ (CA) bs The other loggings for Mar 28-Apr 5 will be in the June column. This May column marks the 10th anniversary of my editorship of it. (Those were the days when it was done by cutting those nasty stencils!) That was at the best part of Cycle 20 and Cook Island was about the best 6-m DX to be found. Cycle 21 has proved a much better deal!

WA5IYX

**MAY 1980** 

# SEARCH OF SA

Station

Location

Donald L. Blevins 1715 Earhart Road Baltimore, نسر 21221 hone 301-574-2714

Call Sign \*\*\*\*\*\*\*\*\*\*\*\*\*\*

IN SEARCH OF .....This month's feature will focus on the Oregon State Police and is the courtesy of Kevin Slater of Salem, Oregon and George Du Bois of Portland, Oregon.

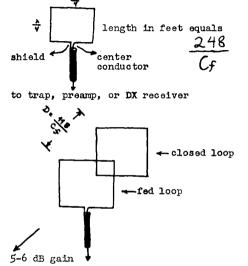
Channel

Location	Station	CHAIRIEL	*	
Albama	23	P6	KDu 231 *	
Albany	12	P4	KOA 381 *	
Arlington	43	Pi	LOA 418 *	
Astoria	13		LOA 383 *	
Baker	41	P4	LOA 383 * KYO 328 *	
Basque	43B	P4	K10 320 +	F5 42.92
Beaverton	18	Pl	KON 349 *	
(Standby)		_	KVA 741 *	
Bend	51	P7	KON 896 *	
Blue River	25B	P6		*****
Burns	47A	P4	KOB 311 *	
Coos Bay	33	Pj	KOB 307 *	Martin J. Theil
Corvallis	27	P2	KDQ 231 *	12 Princeton Dr
Cottage Grove	28	P6	KUY 513 *	Holiday, FL
Dallas	21B	P2	KYJ 267 *	
Patannajas	21B 46A	P/4	KON 823 *	
Enterprize Eugene	25	PΖ	KOA 693 *	Reports:
Eugene	£7	P2	KOA 693 *	
Eugene (Civil Defence)	25 57 26A	Po		St. Petersburg
1 101 01100	56A	P6 P2 P4 P6 P2 P2 P7	KJW 724 * KOL 482 *	
Gilehrist	70A	P3	KEP 653 *	. 02200 0///-/
Gold Beach	24	P5	KOB 202 *	Tarpon Springs
Government Camp	TTW		KOA 513 *	P
Grants Pass	34 11A 35 49	P3	KOA 382 *	101100 0// 14/
Hermiston	49	P4		
		Det.	KZn 520 * KVN 611 *	
Hood River	53A	P7		
Hood River John Day(Hiway) John Day(OSP) Klamath Falls La Grande Lakeview Lincoln City Madras McMinnville Medford Mill City Milton-Freewater Portland	41A	P4		**************************************
John Day(OSP)	410	P4	/ -/	
Klamath Falls	56	P7	KYT 247	
La Grande	46	P4	KOA 744 *	
Lakeview	56B	P7	KJE 229 *	
Lincoln City	22	P2	KRA 530 *	
Madras	51A	P7	KVJ 735 *	
McMinnville	14	P1	KOI 284 *	
Medford	31	P7 P1 P3	KBG 513 *	
Mill City	21A	P2	KSZ 324 *	
Milton-Freewater	48A	PL.		k
Portland	ii	P1 P1 P5 P2	KOA 745 *	*
Multnomah	19	P5		*
Newport	19 26	P2	KOA 315 3	*
Oakridge	25A	P3	KVG 920 3	¥
Odell Lake	56C	P3 P3	KUA 296 -	*
Ontario	47	P4		<b>*</b>
	48	P4	KOn 382 '	*
Pendleton		- 7		<b>*</b>
D-4	51B	P7	KOL 354 3	<b>*</b>
Princeville	38	Ρ̈́3	KVG Q1Q 3	<b>*</b>
Reedsport	37	Ρ́3		<b>*</b>
Roseburg	21	P2	KOA 598 :	*
Salem (Headquarters) (Civil Defence) Santiam Junction St. Helens	έ.Ε Ε.Ε	P2	KOA 598	
(Headquarters)	22	P2 P2 P2 P2 P1	KOA 598	
(Civil Derence)	20	F &	K U 299	
Santiam Junction	250	ar & Di	KON 822	
St. Helens	12	E.T	KUU 311	
Sweet Home	6 3 M	P2 P7	KOA 293	
The Dalles	<b>53</b> <b>17</b> 9	r /		
The Dalles Tillamook Warm Springs		P1	KOB 877	
Warm Springs	51C	P5	KOB 728	

# **TECHNICAL TOPICS**



Q: "I live in an apartment and cannot put up any kind of outside antenna for DXing purposes, no matter how small. My landlord says I can't put any holes in the walls either. I would like to know if it is possible for me to have a practical DX antenna inside for E-skip, other than a yagi (this ism't too practical for my small apartment!) I have used rabbit ears for ES DXing, but would like to have something with a little more gain. Is there anything I can do?"



THE LENGTH OF EACH SIDE OF EACH LOOP IS

DETERMINED BY THE FORMULA: 1

Cr -- center frequency

A: Your best bet would be a simple quad loop antenna, which is easy to make from electrical "zip" cord (lamp cord), available at any hardware store. TV and FM DXers who have experimented with this type of indoor antenna report results equal to or better than many kinds of rotatable rooftop antennas. You can make yourself a simple single quad loop and tape it to a wall--or even make a simple wooden frame for it, to turn it by hand. A more elaborate version of this antenna can also be used indoors, in the form of a single quad loop with a closed loop reflector. The illustrations at left show you just about all you need to know for building these type of quad loops using the zip cord and 75ohm coaxial cable. A very informative article on using the quad loop for DXing Eskip from an apartment appeared in the June 1974 VUD, which is available as a back issue from WTFDA HQ (see back cover), or as a reprint article from WTFDA's

Reprint Service. If you're unable to put up an outdoor antenna for DXing, this is definitely the way to get around the problem.

Cç

Q: "Will an antenna-mounted pre-amp greatly improve my E-skip DX results?"

A: It may actually hurt you more than it helps. With E-skip DX, signal strength is rarely much of a problem to the DXer, assuming the DXer has a fairly good antenna. If you live in an area with lowband TV stations or FM stations nearby, their signals may cause more cross-modulation and overload problems than you bargained for. A good pre-amp will often improve DX performance on a set with a poor tuner however, and can be useful in certain weak E-skip openings. You may find that you'll prefer to DX E-skip without using a preamp, but need the preamp for weaker tropo and meteor scatter signals. There have been cases of DXers experiencing excessive adjacent channel interference from E-skip signals on other E-skip signals!

(continued on page 29)

TV unID's Robert Grant 5775 Bishop Detroit, EL A. 2024 1979 UnID's From Detroit Sat Jun 2 Tr ch 9 0545 EDF--Full CBTP/TT ch 9 0650 EDT--"Good Morning" slide with 2 eggs, piece of toast and toaster ch 9 0658 EDT -- "Oh Canada" ch 9 0700 EDT -- "Mid-Canada Television" slide with vertical banner of stations ch 9 0701 EDT--"Our Church Today" Sun Jun 24 Pr ch 9 0630 3D?--"Jizard of Oz" and "New Adventures of Pinnochio" Es ch 3 2059 EDT--ABC station with ad for Louisiana Bank and Trust Tue Jun 26 Es ch 5 1657 EDT--promo slide with ID. KENS in at time (see drawing 1) Sat Jun 30 Es ch 3 1300 EDT -- ATV slide (see drawing 2) ch 3 1301 EDT--"Farm Digest" Thu Jul 12 As ch 2 1350 EDF-3/4 CB with 3S audio Mon Jul 23 Ms ch 2 0529 EDT-- Jedge TP Tue Jul 24 2Es ch 6 1555 EDT--"Sesame Street" in 33;1600-picture of sunset with block "6" in hexagon in lower right. Audio Ib "Canal Beis" Wed Jul 25 2Es 2ch 2 1440 EDT--C3/TT (This was seen as late as 1730) From Detroit Wed Aug 8 Tr ch 2 0425 EDI--CB with high Tr (not CKGN) Mon Aug 20 Es 2000-2100 EDT -- "The Crosswits" over :DIV ch 4 --"Star Trek" ch 5 Fri Aug 31 Tr ch 5 0815 EDT--"AM Canada" //CKCO Wed Sep 5 Tr ch 11 0410 EDT--promo with 11 logo(see drawing 3) Mon Sep 10 Tr ch 11 0350 EDT--BE-like TP almost all black(see drawing 4) Mon Dec 24 F2? ch 3 1148 EDT--"Good Moring America" with time given as 0848 1980 UnID's Sun Jan 6 Es ch 2 1805 EDT--"Muppet Show" PTA: Gulf Coast Mon Jan 7 Es ch 3 1155 EDT--"Mr. Dressup" Robert Goodman 5129 W. Roosevelt Rd. Apt 37 Cicero, IL 60650

# 1980 UnID's Sun Jan 6 Es ch 4 1213 EDT--"Andy Griffith"

ch 3 1805 EDT--Nusic program PTA:Southeast

TV ID's

# Jim Ayers

Fri Aug 10 Es ch 2 1817 CDT--John Chandik doing weather report ch 2 1825 CDT--"Glen Dehmer, Action Sports" seen ch 2 1859 CDT--"2 Power" seen

These were identified by Bill Draeb as WBAY-2.

May, 1980 -DRAWIULI DRAWING 2 -- DRAWING 3 DRAWING 4

## TECHNICAL TOPICS (continued from page 27)

Q: "I use a large multi-element VIF antenna for DXing channels 2-13. Do you think I'd be better off using a separate lowband antenna for DKing E-skip on channels 2-6?"

A: Definitely yes, especially if you have nearby local or semi-local TV stations on one or more of the lowband channels. Assuming that your large VHF antenna is mounted as high as practical for your DX set-up (for best tropo DX results), we can say that a lower rotatable lowband-only antenna would give you the best Es DXing results. Always keep in mind the fact that antenna height is not very critical for good Es DX, due to the relatively high angle that signals propagated by the E-skip "clouds" arrive at. In most cases, lowering the antenna height decreases the amount of unwanted local or semi-local signal on a given channel, while at the same time having almost no effect on the DX signal. In fact, some DXers have success using what sounds like the worst possible DX antenna set-up for Bs-rabbit ears, in a basement!

Q: "I need a reliable early-warning system for E-skip on TV and Phy-I don't have time to constantly check for it. Any ideas?"

A: Get a public service band scanner, and monitor the 30-50 band. During the Es season, you soon become familiar with what to expect. As the skip increases in MUF and decreases in distance, the chances for it reaching up into channel 2 become greater. There's a lot of interesting and challenging DX possibilities on 30-50 MHz PSB, so if you're not equipped for it. you're missing a lot.

# PH TO-NEWS

Jim Alexander 4 Brook Court Parsippany, NJ 07054

May, 1980





KDFW- 4 Dallas, TX 965 mile E-skip (Combs)

WABG- 6 Greenwood, MS E-skip (Grant)



WIT 19

WTAJ-10 Altoona, PA 275 mile tropo (Gaines)

WLTX-19 Columbia, SC 390 mile tropo (Combs)



Contributors:

John Combs, Orlando FL

Bill Grant, Worcester MA

Paul Gaines, Detroit MI

John Barber, Carolina RI

73 and good DX, Jim



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

AR	KFSM	5	Fort Smith, 318 N. 13th, 72901. Send letter from James Anhalt, Chief
			Engingeer & Operations Manager. Got reply in 1% months. Yingling
IL	WICD	15	Champaign, TV Plaza, 250 Country Fair Dr. 61820. Send letter, & coverage-
			map from Joe Norris, Station Manager. Eddie
	WBHW	55	Springfield, 3217 S. 6th Street Rd, 62703. Send my prepared letter form
			signed by CE, but unreadable name. Eddie
IN	WANE	15	Fort Wayne, 2915 W. State Blvd, 46808, Send my prepared letter form
			from John Demshock, Chief Engineer Eddie
	WNDU	16	South Bend, P. O. Box 1616, 45634, Received post card with tw.am.fm inform-
			ation on it. Chienf engineer sign it, but signature is illegible. Wolf
	WIPB	49	Muncie, 246 Minnestrista Blvd, 47303, Letter from George Nolnar, jr, Chief
	STORES.		Engineer, Reply in 4 weeks. Ross
TA	KMEG	14	Sioux City, 51102, Send my prepared letter form from Chief Engineer Charles
	THE STATE OF	-	Davis, Address- 7th & Floyd Blvd. Eddie
KY	WICMA	35	Madisonville, 600 Cooper Dr. Lexington, KY 40502. Send my prepared letter
- No	TO STATE OF	9.0	form sign by Dir. of Eng. but name unreadable. Eddie
	WEZT	23	Elisabethtown, same address as above; send my prepared letter form, signed
	WAST.	-	Betty Samuels-Programming. Ky Education TV. Eddie
	WKON	52	Owenton, NCVN 54 Covington, WKMJ 68 Louisville, WKMR 38 Morehead
	MICON	52	All above are from KY Ed. TV Network, use above address as WKMA-TV 35. Edddie
		-	
	WKYH	57	Hazard, Box 929, 41701. Send post card showing transmitter site, send decal
100	No.		& my prepared letter form, signed by Richard McKenney, CE. Eddie
MA	WGBY	57	Springfield, 44 Hampden St, Send letter & program booklet from Joan C.
Marian .	Service Co.	1447	Steiger, Executive Assistant for Special Projects. Yingling
MI	WUHO	41	Battle Creek, 49016. Card received from Steve (no last name) WBSWMW,
		112	with contour map & Flue Crest with 41 ARC on it, in 1 week. Ross
MO	KOTV	2	St. Joseph, 40th & Farron Sts., 64506. Received a black & white card that
			was unsigned in 3 weeks. Ross
NY	MIBA	4	Buffalo, 2077 Elmwood Ave, 14207. Return my letter right way with a hastily
			scribbled verification on the back page, signed by Quintin Reuner (or Remner)
			Program Manager. Fahber
OK	KTVY	4	Oklahoma City, 500 E. Britton Rd, 73114. Send old OSL Card of WKY-TV with
			it inked out, & KTVY typed over it & date typed in. Fahber
TX	KPRC	2	Houston, Box 2222, 77001. Send a letter signed by E. P. Hubadorffu & reply
			came in 5 months! Ross
W	WMUL	33	Huntington, 301 Blackwood Ave, Nitro, WV 25143. Received a brief letter
			from George Parniczna, Chief Engineer. Used SASE, reply in 14 days. Wolf
WIT	WK OW	27	Madison, Box 100, 53701. Letter signed by Beckly Neuendorf, Programming
			and reply in 4 months!. Ross
	WHRM	20	Wausau, % N. University Circle Dr., Green Bay, WI 54302. Received letter from
			Don Kates, Program Rep. Reply in 1 month. Ross

Reporters this TV Month: Richard Eddie of St. Louis, MO; Robert Ross of London, Ont.Canada; a new reporter of Bill Fahbler of Bridgeton, NJ (thanks alot for reporting Bill) & me, ed. This was an good all ty gal month. I got a big report a little while ago from Richard Eddie, and still have more to use. I wish more members would be so nice to send in a report. This column is only as good as the support it gets. I recently joined a shortwave club, NASWA, & they have a 5 to 9 pages of swl gal's. It is a bit different from tw & fm gal reporters. It is not meant as a ad for NASWA, but to show just the differce in the club members. 73's

