

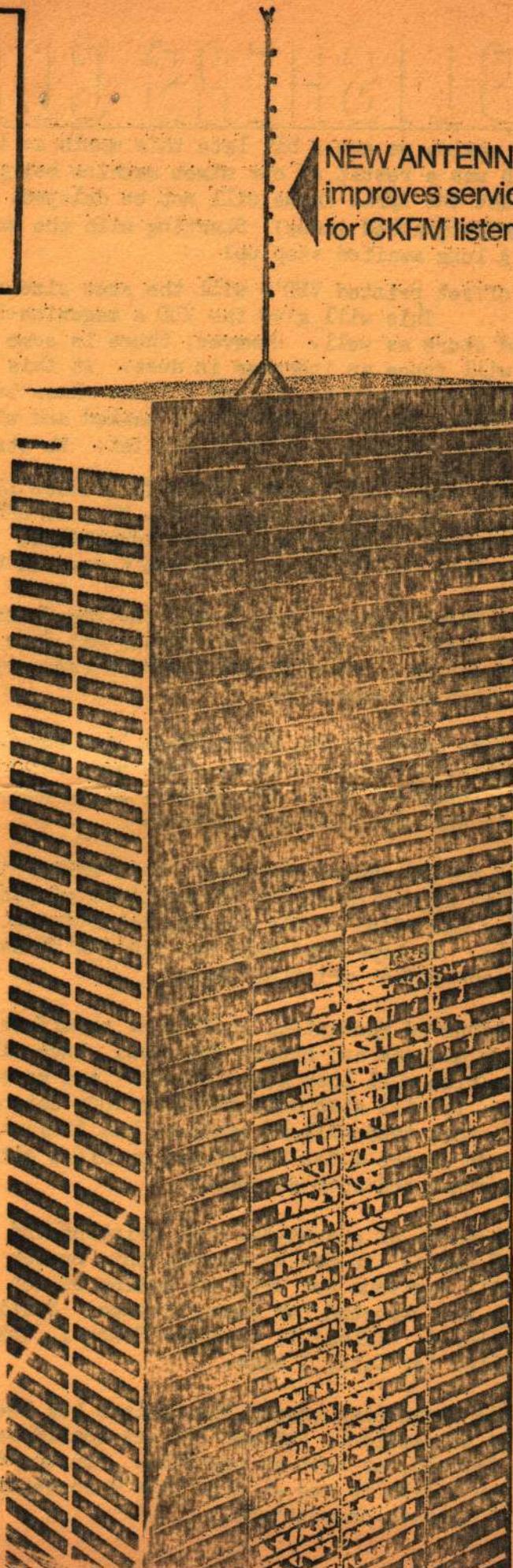
VHF·UHF DIGEST

MARCH

High above downtown Toronto, Radio Station CKFM 99.9 now broadcasts from atop the magnificent new "COMMERCE COURT WEST".

By locating a new antenna on top of "COMMERCE COURT WEST", CKFM has been able to almost double the height of its former antenna. To further improve quality of reception for all CKFM listeners throughout Southern Ontario, circular polarization has also been added. CKFM's new FM-stereo broadcasting equipment is the most modern in Canada today.

NEW ANTENNA
improves service
for CKFM listeners



CKFM STEREO 99.9

New Address:

WTFDA
PO Box 163
Deerfield, IL 60015

PUBLISHERS CORNER

Once again, we are a bit late this month as the transition goes on! Our delay this month was a result of our mimeo machine being in the repair shop for three weeks. We hope that the April issue will not be delayed. The April VUD should also become the last mimeographed issue! Starting with the May issue, the VUD is to be offset printed. A long awaited step up!

The offset printed VUD's will be the same size as SPEEDX ($5\frac{1}{2} \times 8\frac{1}{2}$) and will be "saddle bound"... This will give the VUD a magazine-like appearance, making it easy to handle and store as well. However, there is some bad news as well as good. Increased expenses will force an increase in dues. At this time we forecast a third class increase from the present \$5.50 to \$6, and a first class increase from \$8.50 to \$9. First class will continue to be the first issues mailed and will be mailed in envelopes. You may still renew at the old rate until May 1st. We strongly urge 1st class for speed.

A large supply of the new WTFDA TV STATION LIST is still on hand. This highly detailed list includes the US, Canada, Mexico, Cuba and Costa Rico. Satellites are shown with their originating station identified. Many UHF offsets are also shown. As we move into the DX season, you won't want to be without this list! \$2 PP from HQ.

Roger Brown received no reports for the Central DX column, so that column will not appear until next month. VHF editor Pat Dyer was ill this month and unable to submit his column. We wish Pat a prompt recovery! The European Scene and TV FCC News were also not received.

FM-DXers south of the Mason-Dixon Line should note that they have a new report column editor, Dr. Richard Wood. Send your reports to Richard c/o, Dept. of Foreign Languages, Louisiana State University, Baton Rouge, LA 70803. Roger Winsor will continue to host the Northern section.

While on the subject of FM-DX, this writer (Morrie Goldman) has an article on that subject appearing in the Spring issue of STEREO. The article, which also describes WTFDA, has added to the already large amount of publicity WTFDA has been receiving of late. We hope that this may yield many new members, which would by the way, help to reduce our offset printing costs.

The improved mechanical quality of an offset printed VUD should also help to attract new members and retain old ones. Once all the editors adjust to the new system, our publication will look much "cleaner" and more presentable. For Dave Janowiak and Bob Cooper, it will also mean illustrations can be easily included in their columns. It is true that type will be smaller, but it should also be sharper, darker and more readable. We do expect a few adjustment problems with the first issue or two, but these should be minor and soon corrected.

For reasons of economics, both printing and postage, the average VUD will be held down to 48 pages. In the DX season, this number will be higher; in the off season lower. We will continue our original policy of not limiting report columns. The following limits are expected for summer issues: Statistics 2 pages, TV QSL 1, FM QSL 1, TV FCC 2, FM FCC 2, Mailbag 1, European Scene 1, Tek Notes 2, Tec Corner 2, and a new column called Log Data, 1 page.

On the convention scene, Ron Leblanc has been the first to volunteer to host the 1972 WTFDA convention. Further offers should be submitted to WTFDA's convention chairman, Bob Seybold, as soon as possible. Bob would also be interested in your comments on what you'd like to see at this year's convention, or what you found interesting in particular at past conventions.

73, Morrie

ODD's and Ends Gathering Dust

Over the past several months letters from members have asked (repeatedly) a number of questions. It would appear that many DX'ers have the same questions to ask, and that possibly there are those who have the same questions as my correspondents but who have not written. So ... to clear the decks for the new year

ANTENNA MOUNTING SYSTEMS

When you mount a 7 foot UHF dish on top of your tower and above your all channel VHF antenna, it doesn't take much forethought to see that the mast holding the two antennas in the rotor system just might bend over at an ungainly angle in the first heavy windstorm, leaving the UHF dish pointing at your neighbors backyard.

One member suggested side-mounting his dish on his tower. Another felt two towers might be the answer.

A seven foot dish presents a healthy wind load to any support structure. However, they will stay up at 60 plus feet on the same tower and in the same rotor as your VHF antenna if a few precautions are taken. My own has been so loaded with ice that the back disc forming reflector elements were connected together with frozen water, and with 40 mph plus winds, it has stayed up and together.

- (1) Tower - it should be a ROHN model 25G with a rotor plate (available from Rohn) that allows you to mount the rotor down inside of the tower. This means the collar at the top of the tower section holds the mast as a guide and wind force on the mast laden with antennas is taken at the collar and not by the rotor.
- (2) Rotor - The (relatively) small Alliance rotors just won't handle a combination VHF antenna and UHF dish array; even with a thrust bearing bracket. The best rotor is the HAM-M by CDR; about \$115.00 a pop. The TR-44 by CDR is next best. Both will mount on the Rohn tower plate suggested. If the rotor goes on top of the tower, all of the wind thrust on the mast (loaded with antennas) is transmitted to the rotor gears and housing; neither of which is very substantial, even with the HAM-M. This is why (again) the rotor must go down inside the tower on the rotor plate.
- (3) Mast - Standard TV type mast tubing is OUT. Do not use it. Seamless or seamed aluminum or seamed steel TV mast pipe is very thin wall and not strong enough. Obtain a proper length of the largest diameter thick-wall gas pipe that will fit through the collar on the tower top. Gas pipe is relatively soft steel, and very flexible. I.e. it bends. NOW - obtain a hardwood (oak) dowel of the proper o.d. to drive up inside of the gas pipe mast. This will provide the necessary inner support to keep the mast from buckling under heavy wind. If you cannot find a dowel of the proper o.d., use another piece of the size smaller gas pipe with an o.d. to fit inside (i.e. i.d.) of the larger outside piece. The end result is a re-enforced mast that will bend with the wind, but will NOT bend OVER in the wind. (YES ... we do have winds in Oklahoma).

None of this is cheap. But then a lawsuit from a neighbor who had your antenna

your antenna system after each windstorm.

UHF DX SIGNAL LEVELS

A few of us who are hung-up on UHF tropo know that for the most part UHF DX signals tend to be quite weak, beyond 800 miles. Sure, there are exceptions, but generally speaking anything beyond 700 miles is apt to be very weak. Not the type of signals you catch in a casual and rapid zip across the band with the channel tuning control.

In short, signals tend to be 3-9 db above the system noise level. A 3 db signal to noise ratio produces understandable (with difficulty) audio, and very bad video. A 6 db signal to noise ratio gives you comfortable audio (some straining required) and a picture that you can detect figures and large block letters/numbers on. A 9 db signal to noise ratio provides reasonably comfortable audio (you don't have to shut out all other sounds to copy it) and the picture is at best watchable; if barely.

- (A) The difference between a 5 foot dish and a 7 foot dish is 3 db.
- (B) The difference between 40 feet of antenna height (to center of dish) and 70 feet, in most areas, is 4-6 db minimum.
- (C) The difference between perfect 300 ohm UHF tubular air twin lead and slightly deteriorated same stuff can be anything from 2-4 db. If the twin lead is spliced, runs close to metal surfaces, has any moisture in it, etc., add 3-6 db more loss difference.
- (D) The difference between a very good UHF tuner in a TV set and a standard BTX-11A converter is 2-3 db.

Any one of these will shut you down for signals that are only 3 db above the noise. Any two of these will shut you down for signals that are only 6 db above the noise. Any three of these will shut you down for the signals that are (relatively speaking again) 9.0 db above the noise.

Successful UHF DXing is a combination of little things. Equipment installations are the biggest short coming for most would-be UHF'ers. Just one little sloppy mistake ("I am not going to do it that way ...") can and does make the difference.

If you are planning a UHF installation to compete with the "big boys", I have a three page outline available. Send along a legal size self addressed stamped envelope, to UHF SYSTEM, CADCO, INC., Box 18904, Oklahoma City, Oklahoma 73118. Then do EVERYTHING that it says.

The next biggest failing (in my opinion) is DXing habits. UHF DXing requires the patience of a saint and the stamina of a professional athlete. It is constant dialing and tuning, constant analyzing of where the band is open to, what channels are coming through, and what other channels (on the air) should or may come through next. UHF ducting along fronts changes in minutes from nothing to something, or vice versa. Signals may last only minutes, and their levels may and do change so fast that between the time you tune from 24 to 50 and back to 24 a snowfree picture may appear.

BOB'S TECH NOTES

March 1975

Bob Cooper, Jr.

TECH NOTES

There is no magic and not much luck to 700 mile plus UHF catches. It takes the best of equipment and lots of hard work. The only luck involved is being home at the right time.

STRONG LOCAL SIGNALS

Nearly two years ago the Interdigital Pre-Amplifier (IPA) was introduced to TV and FM DXing. A number of IPA units are in use today; many have been built by DX'ers from magazine article(s) plans and many more are being readied this winter.

Strong local signals (those within 20 miles of us) tend to leak into the TV set several ways. First of course is through the antenna down lead. This signal, fed into an IPA, is effectively eliminated (or downgraded) by the IPA.

Second is through direct pick up by the TV set itself. This happens when the off-the-air TV signal (local one) is so strong that the wire between the IPA and the TV SET TUNER (which is NOT the same as the back of the set antenna terminals) picks up considerable signal. Most TV sets with 300 ohm antenna inputs use a short length of 300 ohm flat line from the back of the set terminals to a matching transformer on the tuner itself. Then the tuner is shielded.

This piece of flat line is long enough to produce 200-2,000 microvolts signals to the tuner balun even with the antenna disconnected in many areas. So it doesn't solve your local channel overload to simply put an IPA ahead of a receiver when the inter-connecting wire acts like an antenna and picks up the local signal(s) all over again.

The answer is to bypass the inter-connecting twin lead with a length of RG-59/U coax; directly from the IPA to the 75 ohm input jack on the TV tuner. This goes around the non-shielded 300 ohm twin lead and the wide open (non-shielded) balun mounted on top of the tower. It very well can make the difference between being able to eliminate your local stations on adjacent channels and being clobbered by them.

In very severe local signal areas (usually within 5.0 miles of the TV transmitters, such as my own 2.1 mile distant location), you may have to do a few other things too to eliminate the local overload. One is to re-shield the TV receiver chassis and grounding the new shielded enclosure to an earthen ground. Another is to place a VHF power line filter on your AC line coming into the TV receiver to eliminate signals leaking in through the power lines.

Finally, you may want to build up the i.f. filter system suggested by Jerry Pulice in a back VUD. It does work, and very well. Jerry is going a step further this year, incidentally. He is building up an IPA i.f. system to really sharpen up his i.f. response in the TV receiver; "the ultimate answer to adjacent channel overload suggests Jerry".

The point here is that while it may help to add IPA or other items ahead of the TV set itself, much of your problem may be occurring between the IPA and the TV set input. No one magic solution will be found usually; it will simply be a combination of things, and as you do each one, the situation will improve a little bit at a time.

73, Bob Cooper, Jr.

WTFDA CONVENTION 1972

It's that time of year again to discuss the convention and its site. Early planning should result in a better convention and good turnout. A definite convention site has not been determined as yet although only one offer has come through. We are still looking for more offers to consider but as it stands now the 1972 convention will be at Ron Le Blanc's site in Louisiana. He has made us a mighty fine offer with good coverage. There will be one or two television stations offering tours and coverage plus local newspaper coverage. Also Ron's site and equipment array and setup should be of interest to all. Now, do we have any other offers? What time of year is best for you to attend a convention? We want a date which is most suitable for majority to attend. August has usually been the best. Also, to those who could not attend a Louisiana convention, where and when could you attend one? Perhaps we could have a north and south convention or east and west affair?? I would like to hear opinions on the above and soon. WE want the 1972 convention to be a success as others have been so let us hear from you. I also would appreciate a letter from Ron LeBlanc with any further details on a proposed convention at his site (Forgot some of the details you gave me on phone call?? I hope to have more news on convention by next month. Send all correspondence to: Bob Seybold, Bennett Rd., Dunkirk, New York.....

BOB'S TELETYPE

Have considerable space left here so will take opportunity to welcome Illinois group into publishing end and wish them lots of luck. Their first edition was very good. Also wish to commend old Wisconsin crew on a job well done in past. I am glad to see club progressing so well and I really enjoy being a member. I finally got a seven foot UHF dish but not up yet. Where do I put it? I'd like it in the hills this summer but winters are bad up there so maybe I'll install on my TV shop for now. Observations should be interesting.

73 Bob Seybold



PHOTOS:

BILL MATTHEWS,
COLUMBUS, OHIO

WJAC-TV, CH. 6,
JOHNSTOWN, PA

WTRF-TV, CH. 7,
WHEELING, WVA

(WEDGE TEST PATT.)



BOB'S TELETYPE

BOB'S TELETYPE

Bob's

TECH TALK

BOB'S TECH TALK

March 1972

Conducted by:
Bob Cooper, Jr.
2609 Chaucer Drive
Oklahoma City, Oklahoma 73120

STATISTICS - WHAT IT TAKES TO TOP 400 TV STATIONS LOGGED

(Or, everything you never wanted to know about Draeb's and Cooper's logs!!!)

This was supposed to be a survey of what it takes to top 400 TV stations logged. However, because of a lack of basic material to feed into the "computer", this is a 2/3rds complete report-

This report analyzes the TV DX logs of DX'ers Bill Draeb and Bob Cooper; both of whom have over 400 TV stations logged. It shows where each is weak and each is strong. And, it looks at what each must do to move ahead towards the 500 mark, and what problems each must face when he is trying to DX.

There are at least four measureable ingredients that go into any DX'ers totals. They include (1) his location (ie. where in the USA is he located, and how near are his local stations, the signals from which he must contend with when DXing); (2) his experience (no, luck and time alone will not hack it); (3) his equipment (YES - a seven foot dish IS better than a single bay bow tie); and, (4) the time he has (or makes) available for DXing (Roger Brown calls this dedication; we suspect singular purpose of mind is equally descriptive).

To prepare this report a three page very detailed questionnaire was circulated to three DX'ers with report totals of 400 or more. From the answers of Draeb and Cooper comes the fodder for this report. At some (much) later date we may also drop down to the 300-400 totals level and ask those fellows to respond to some questions, and then compare the two sets of numbers.

There is much more to this than simply comparing numbers. If YOU become more aware of your own DXing habits and weaknesses while studying this data, that alone will be a useful purpose for this appearing at all in print. It is possible to get too hung up on UHF tropo (as Cooper freely admits to) or low band meteor scatter (as Draeb's totals suggest) and miss other equally productive forms of DXing. In both of these instances the DX'ers themselves were aware of the missed opportunities and work was underway to correct for the oversight. Draeb, for example, is installing a new super UHF system and Cooper is making plans for an improved high band system.

Both live in the middle of the United States; Draeb in upper Wisconsin and Cooper in central Oklahoma. Neither one lives in the highly desirable Iowa/Missouri/Arkansas region, however, where everything seems to fall together for optimum Es distances, tropo and ducting. Both have local signals to contend with. Both began DXing in the early 1950's; one has been in the same spot since starting, one only for a short period of time.

COMPARATIVE CATEGORIES

	<u>DRAEB</u>	<u>COOPER</u>
Total Stations Logged (VHF-UHF) 1/15/72	469	435
Number of Total - VHF	311	275
Number of Total - UHF	158	160
Percentage VHF/UHF (of total)	66.4/33.7 %	63.2/36.8 %
Of All TV Stations On The Air - USA- % VHF/UHF	66.0/34.0 %	66.0/34.0 %

At this point it is clear that neither one has left UHF in a secondary position; each is very close with his totals to the percentages actually on the air in the USA.

<u>COMPARATIVE CATEGOREY</u>	<u>DRAEB</u>	<u>COOPER</u>
Number of Total - LOW BAND VHF and %	203/43.3 %	167/38.4 %
Number of Total - HIGH BAND VHF and %	108/25.1 %	108/27.1 %
Number Per Channel and % of Total		
2	40/8.54 % (*)	57/13.1 %
3	45/9.60 %	52/11.8 %
4	47/10.0 %	18/4.14 % (*)
5	34/7.25 % (*)	10/2.30 % (*)
6	37/7.90 %	30/6.90 %
7	19/4.05 %	26/5.97 %
8	14/2.98 %	13/2.93 %
9	13/2.77 %	10/2.30 % (*)
10	20/4.26 %	14/3.22 %
11	14/2.98 % (*)	15/3.45 %
12	15/3.20 %	12/2.76 %
13	13/2.77 %	18/4.13 % (*)

(* - DXer has local station on this channel.)

On his three local channels (2,5,11) Draeb has 98 stations logged (18.50 % of his station totals); on his four local channels (4,5,9,13) Cooper has 56 stations logged (12.90 % of his station totals). Draeb is the clear leader here lots of early morning MS work really pays off, right Bill?

Draeb has four immediately-adjacent channels (to locals); 3,6,10 and 12. These four channels have netted him 117 stations or 24.95 % of his totals. Cooper has five local channels with adjacent problems (3,6,8,10 and 12. They have netted him 121 stations or 27.8 % of his totals.

<u>COMPARATIVE CATEGOREY</u>	<u>DRAEB</u>	<u>COOPER</u>
UHF Channel Most Productive and # logged	19/9	19/9
At best, this is a real coincidence!		
UHF Channels with NO stations logged (number)	15 channels	18 channels
Lowest 3 UHF channels-no loggings	42,45,51	45,51,52
Highest 3 UHF channels - no loggings	79,81,82	69,72,82
UHF Stations Logged But Now Off The Air	17 stations	6 stations
Number of Translators Logged & % of total	16 / 3.41 %	49 / 11.25 %
VHF Translators	0	4
UHF Translators	16	45
Of Total VHF-UHF Stations Logged...		
...are Canadian	33/7.04 %	15/3.45 %
...are Mexican	1/0.47 %	17/3.91 %
...are other than USA/Canada/Mexico	0	7/1.62 %

Cooper's small lead is due to his living area; being within Es distance of substantial portions of Mexico and Canada plus the Caribbean while Draeb is only within Es distance of a small part of Mexico and none of the Caribbean.

Five Closest TV Transmitters (Channel/Distance)	2/25.0 miles	5/2.1 miles
	5/25.0 miles	9/2.2 miles
	11/25.0 miles	4/2.3 miles
	34/65.0 miles	13/2.1 miles
	7/88.0 miles	25/4.4 miles

COMPARATIVE CATEGOREY

DRAEB

COOPER

Number of Stations Within (mileage) ...		DRAEB/COOPER				
		50 miles	100 miles	150 miles	200 miles	Total-200 m.
Channel	2	1/0	0/1	0/0	1/0	2/1
	3	0/0	0/0	2/2	1/0	3/2
	4	0/1	1/0	0/0	1/1	2/2
	5	1/1	0/0	0/0	2/2	3/3
	6	0/0	1/1	0/1	2/0	3/2
	7	0/0	1/0	1/1	1/1	3/2
	8	0/0	0/0	1/2	1/2	2/4
	9	1/0	0/0	2/0	1/0	3/1
	10	0/0	1/1	0/1	2/0	3/2
	11	1/0	0/1	0/0	1/1	2/2
	12	0/0	1/0	1/1	1/1	3/2
	13	0/1	0/0	1/0	2/1	3/2

Draeb has 32 stations within 200 miles on VHF (6.82 % of his total); Cooper has 27 (6.21 % of his total). The important thing here is channel clutter; how FULL the dials become when tropo conditions are up (improved) to turn these within 200 milers into potent DX ruining signals of the first water. Cooper has four VHF transmitters in his backyard but Draeb has more within 200 miles. Both have 8 within 100 miles.

COMPARATIVE CATEGOREY

DRAEB

COOPER

Year First Began TV DXing	1953	1951
Year Present Totals Count Began	1953	1969 (5-69)
When Reached (total stations logged)		
...100 stations	1957	1969 (9-69)
...200 stations	1959/60	1970 (4-70)
...300 stations	1962	1970 (9-70)
...400 stations	1969	1971 (12-71)
When reached (UHF totals ONLY)		
... 50 stations	1958-59	1970 (1-70)
...100 stations	1968	1970 (7-70)
...150 stations	1971	1971 (12-71)
States Seen Data (Total)		40
States Logged Via UHF Only	19	22
Most UHF States Logged From/Number	Ill./22 stations	Ill./16 stations
2nd Most UHF Stations Logged From/Number	Ohio/20 stations	Ala./13 stations

VHF-UHF Loggings - 10 Highest States

Position	Draeb	Cooper	Draeb	Cooper	Position
1	Ill./36/7.67 %	Tx./46/10.59 %	N.Y./24/5.15 %	Ind./17/3.90 %	-6
2	Ohio/34/7.25 %	Ill./22/5.05 %	Tx./20/4.26 %	Ge./14/3.22 %	-7
3	Mich./30/6.40 %	Mo./22/5.05 %	Mo./18/3.84 %	La./14/3.22 %	-8
4	Wisc./29/6.18 %	Ala./17/3.90 %	Ky./17/3.62 %	Kn./14/3.22 %	-9
5	Ind./28/5.96 %	Neb./17/3.90 %	Pa./16/3.41 %	Ok./13/2.98 %	-10

Underlined states are of course "home states". In Draeb's ten most logged states, he has 252 stations; 53.6 % of his totals. In Cooper's ten most logged states, he has 196 stations or 45.00 % of his totals. Draeb is close to the Great Lakes metropolitan areas and the higher concentration of VHF and UHF stations, accounting in large part for his totals in this area.

Number of Stations Left to Log (ie. to increase totals, what is left?) - TROPO ONLY

	<u>Within 250 miles</u>	<u>250-350 miled</u>	<u>350-500 miles</u>	<u>Total Under 500</u>
<u>Low Band</u>				
DRAEB	0	2	10	12
COOPERE	0	3	6	9
<u>High Band</u>				
DRAEB	0	8	15	23
COOPER	0	2	12	14
<u>UHF (not translators)</u>				
DRAEB	0	1	9	10
COOPER	0	1	2	3

Number of Stations Left to Log - Es or MS (500-1,500 miles)

	<u>DRAEB</u>	<u>COOPER</u>	
Channel 2	<u>10</u>	6	Underlined is local station channel
3	<u>6</u>	10	
4	<u>6</u>	28	
5	<u>20</u>	<u>38</u>	
6	<u>16</u>	13	
LB Totals	58	95	

HIGH BAND ONLY - Tropro Ducting, Already Logged - by distance

	<u>DRAEB</u>	<u>COOPER</u>
500-600 Miles	9 stations	11 stations
600-700 Miles	8	13
700-800 Miles	8	5
800-900 Miles	1	0
Total-Over 500 m.	26/5.55 %	29/6.17 %

WHERE TO FROM HERE

From the statistics it appears (and is fact) that Draeb has done better on his local station channels than Cooper. You won't find it queried on the questionnaire form, but Bill has been diligently chasing early morning MS for many-many years and that kind of patience and endurance pay off; log them on MS before the local stations sign on. Draeb has also logged many of his stations by MORE THAN ONE FORM OF PROPAGATION. For example ... (including LB and HB):

	<u>DRAEB</u>	<u>COOPER</u>
On Es ONLY	46/9.80 %	89/20.40 %
On Tropro ONLY	117/24.92 %	146/33.60 %
On MS ONLY	12/2.56 %	14/3.22 %

Of Draeb's 311 VHF stations, only 175 (56.4 %) have been seen on just one form of propagation. Of Cooper's 275 VHF stations, 249 (90.50%) have been logged on just one form of propagation. Draeb is persistence personified.

Draeb and Cooper are neck and neck in their UHF totals. Draeb can add 10 new ones (not yet logged) within 500 miles; Cooper can add only 3. (This does not include UHF translators of course.) Both are within striking distance of Bob Seybold, the national UHF totals leader.

In the VHF-UHF combined arena, Draeb has 45 yet to log within 500 miles (which would put him over 500 stations logged). Cooper has only 26, which would barely put him at 460.

When the radius is expanded to include all low banders within 1,500 miles not yet logged plus the out to 500 mile high band and UHF stations, Draeb has 103 possibilities and Cooper has 121 possibles. 66 of Cooper's are on his local channels 4 and 5 however. Cooper needs to hit the dials at 4:30 AM every morning for a year to wipe out the channel 4 and 5 possibles (and fat chance of that).

Both have a few other options to nudge leader Seybold. High band VHF beyond 500 miles (Draeb has 26 there now, Cooper 29) on either ducting or meteors shows promise. And UHF beyond 500 miles (Draeb's best is currently WDCD-19 at 728 miles) (Cooper's best is the nearly 1,500 mile logged of WSBK-38) also shows promise, especially for Draeb. If the previous un-logged totals for UHF out to 500 miles are expanded to 600 miles, Cooper still only has 4 left to log and even if it is pushed to 750 miles, Cooper only has 19 un-logged and many of these are very low power ETV outlets.

This winter Draeb is preparing a better UHF system. He knows that between 500 and 750 miles on UHF, from his location, he has many-many UHF potentials; enough to make a substantial dent in Seybold's national lead. But to crack that ring he will need a top notch UHF installation, and have to rework in a small way his DXing schedule to hit the dials hard from 6-9 AM and 7-11 PM; because that is where the UHF action is.

Cooper, on the other hand, can concentrate on getting up early and chasing meteors on channels 4 and 5 (which is exceedingly unlikely in 1972), or, chase the 500 mile and up high band VHF (on ducting and meteors with meteors his best shot), and, rebuild his UHF installation to pack more power into two areas. In spite of his 45 UHF translators logged, there are another 70 or so for him within 400 miles. To make a dent in them he will need to re-tune his dish for the high end of the UHF band and add a translator channel low noise pre-amplifier. This would materially de-grade the lower UHF channel performance however, which suggests to him two separate UHF receiving systems; one for the low end of the band and one for the high end translators.

Can either Draeb or Cooper push Seybold hard in 1972? The chances are not good. Draeb should be able to top the 500 station logged mark by the end of 1972; Cooper will need lots of luck to do so. In the meantime Bob Seybold will not be standing still; he will be working on his own 600 station total mark. Bob has yet to crack the UHF translators and if he really got turned on to them he could hit 600 on UHF translators alone in just a matter of months.

Draeb began in 1953 and has now reached 467 stations logged; 24.58 NEW stations per year averaged over 19 years. Cooper began in May of 1969, with a six month hiatus in late 1970 and early 1971; 16.73 stations per month averaged over 26 months.

Draeb has the patience and persistence of a dedicated DXer. Cooper has the equipment. In our view, Draeb stands the best chance of eventually pushing Seybold. And Cooper has probably reached (or will soon reach) a plateau in his totals growth.

In the meantime, how are your own totals doing?

WESTERN TV DX

Dennis Park Smith
1200 W. Sacramento Ave., Apt. 15
Chico, California 95926

March 1972

Deadlines: 12th of each month

Conditions were somewhat down this time. Glen Neal caught the only MS on 3, 5, 17 January with some good bursts. Scattered Es was seen only on 13, 29, 30 January. Tropo was fairly good in Oklahoma now and then, but the best was in San Antonio on 22-23-24 January with Glenn Hauser catching another 1000-miler on ch. 17.

(Errors in Frank's Jan. report: KLNE should be Ch. 3, and KTVK 13 should be KTVR. dps)
Frank E. Aden, Jr. 915 South Curtis #71, Boise, Idaho 83705 (29 Dec) (MST)

Equipment includes Arvin 9-inch, 17-element ant. with preamp and rotor.

D29 Es 1459 unId 3 (talk show w/police) (29)(Es) 1500 KVOA- 4 Tucson AZ (Id fair-gd)
1500 KTVK 3 Phoenix AZ (Id exc.) 1530 KPHO- 5 Phoenix AZ (weak, NET pgm)

Es out around 1600. I am hoping for good MS in January.

KAID 4 Boise signed on 1703 MST 31 Dec. for regular programming. Schedule is 0900 to 1200 and 1700 to 21- or 2300. I asked them about putting call letters on their TP, but they say it's not that important since they run TP only 15 min. before sign-ons. 73s

Pat Dyer, 327 Solar Drive, San Antonio, Texas 78227 (10 Jan - 9 Feb) (CST)

Receiver: 1971 9-in. E&W Penncrest (* 1968 RCA color GJ721W). Antennas: 6-el. hi-low VHF Yagi and 8-bay bowtie, 12 ft., aimed NE (* 11-el. hi-low VHF Yagi at 15 ft., aimed SE).

J19 Tr 1229	KTVT 11 Fort Worth TX	230 (23)(Tr)	(also UHF unIds, apx ch 16)	
	KERA-13 Dallas TX	240	apx ch 33)	
	1258 WFAA- 8 Dallas	240	24 Tr 0007*KPLC- 7 Lake Charles LA	340
20 Tr 1058	KTVT 11 Fort Worth	230	0009 WAFB- 9 Baton Rouge LA	450
21 Tr 2300	WFAA- 8 Dallas	240	0026 KNCE- 8 Monroe LA	450
	KERA-13 Dallas	240	0040 WABG- 6 Greenwood MS	N555
	2305 KTVT 11 Fort Worth	230	0109 KTBS- 3 Shreveport LA	365
22 Tr 0003	KDTV 39 Dallas	N240	0120 WKRG- 5 Mobile AL	N650
	1059 KNOE- 8 Monroe LA	450	0125 WDSU- 6 New Orleans LA	510
	1143 KVRL 26 Houston TX	185	1129 KERA-13 Dallas TX	240
23 Tr 2135	KHTV 39 Houston TX	N185	WFAA- 8 Dallas TX	240
	2200 KVRL 26 Houston TX	185	1300 KNCT 46 Belton TX	135
	2215 KLFY-10 Lafayette LA	405	1700 XEFB- 3 Monterrey NL Mexico	270
	2227 KATC 3 Lafayette LA	405	XHX -10 Monterrey NL	270

Again there was some abnormally good winter trop ducting, the type that usually doesn't come until April. A cold front moved through late Jan. 24 and put an end to it, however. Jan. 23 temperatures were in the 90's in much of south Texas which is a good sign of inversions coming that night. The disturbing item is the lack of any Es this period. 73, WA5IYX/5.

Dennis Smith, 450 Poplar Ave., Wasco, California 93280 (27 Jan - 3 Feb) (PST)

1954 21" Zenith 19L28, 1965 BTX-11A UHF Converter, 1954 Walsco VHF-UHF 2-bay Stacked Vs.

J31 Tr 1730	KCRA- 3 Sacramento CA	2251 215 (31)(Tr)	(1730) KAIL 53 Fresno CA	3555 95
	KVIE 6 Sacramento	2352 215	KRCR- 7 Redding	3454 390
	KXTV 10 Sacramento	3555 215	KIXE 9 Redding	2354N390
	KOVR 13 Stockton	3555 215	F1 Tr 0700 KLOC-19 Modesto	2325 170
	KTXL 40 Sacramento	5555 215	KTXL 40 Sacramento	3425 215
	KLOC-19 Modesto	3445 170	KWST 46 Monterey	3545 150
	KWST 46 Monterey	3455 150	1200 K71BC Lemon Cove (KFSN30)	2245 70

Winter fog sometimes covers the Central Valley between rainstorms; the inversion boundary improves tropo, often better than summer ducting in this area. KIXE has been on air 8 years; finally coordinated conditions, station schedule and my presence in Wasco to log it. Low band & FM only some improvement, high band good (but no sign of KHSL-12 Chico) and UHF excellent (KAIL best seen in years, KWST best yet, KTXL snowfree and strongest ever seen). No Bay area improvement and translators not affected much. Improved after 1500 31 Jan, peaked 1730, almost back to normal by 1200 1 Feb.

Total now 145.

MORE

Bob Cooper, Jr., 2609 Chaucer Drive, Oklahoma City, Oklahoma 73120 (8Jan-7Feb) (CST)

After the relatively better-than-average December, all forms of TV-DX went into a tail-spin here in Oklahoma, at least for this observer during those periods of time I was able to observe. There was an unusual lack of Jan/early Feb. Es; tropo was as low as it can go and no time for meteor work. Hopefully others further south, out of the cold winter ravages, did better.

The month of January was spent building several new Heathkits, designing some new equipment and generally 'planning' for the new year's antenna systems and equipment. A number of changes are in the mill, mostly on high-band VHF.

Jan 9 Tr 2140 tune-in, KDNL-30 St. Louis MO (458mi) KCBJ 17 Columbia MO (375mi).

Jan 19 Tr 1800 t/in, KHNE-29 Hastings NE (345).

Jan 21 Tr 1855 t/in, KHFI-42 KVUE 24 Austin TX (359) KNCT 46 Belton TX (345);
2130 KCBJ 17 MO (375).

Jan 22 Tr 0015 KFVS-12 Cape Girardeau MO (455).

Jan 23 Tr 0910 t/in, KDNL-30 MO (458) KHTV 39 Houston TX (420).

Jan 26 Tr 1900-2030, KMID-2 Midland TX KOSA 7 Odessa TX (335).

Jan 29 Es 1912-1931, WFMY-2 Greensboro NC.

It has been a cold(-er than normal) winter so far. 73.

Glen R. Neal, 1005 N. 5th, Sayre, Oklahoma 73662 (January) (CST)

January tropo was very good on several dates, reaching a peak of 480 miles.

Es occurred one evening, MUF to ch 6. The Quadrantids MS peaked on the 3rd.

Jan 2 Tr 0812 t/in to 1220 t/out, WFAA-8 KTVT 11 KDTV 39 Dallas TX (4543R235), KHOU-11 KTRK 13 KHTV 39 Houston TX (4543R460), KSLA-12 Shreveport LA (3541R395).

Jan 3 MS Quadrantids peaked today w/outstanding super-bursts 1100-1630 from NE.

Jan 5 MS 2058-2103, super-burst through ch 13 for 30 seconds, with heavy CCI even on KFDO-8! Lasted 5 minutes on low-band with first 2 minutes snow-free. No Ids.

Jan 6 Tr 0555-1000, K79BA K81AR Reydon OK (4545R35 KGNC-4 KVII 7), K75AU K78GM K80AT Wheeler TX (4544R60 KFDO-8 KGNC-4 KVII 7), K70DB K72CD K74CH Clarendon TX (4544-R85 KGNC-4 KVII 7 KFDA-10), K77AQ K80AU K82AZ Memphis TX (4544R75 KVII 7 KFDO-8 KGNC-4) K71EG K73AU K75AV Wellington TX (4544R75 KFDO-8 KGNC-4 KSWO-7). VHF only fair.

Jan 9 Tr 2015-2314 t/out, "K71EH" K73AW K76AN Turkey TX (2042R105 KGNC-4 KVII 7 KFDA-10), K72BZ Childress TX (1044T75 KSWO-7), unId ch 80 NNW (primary station unknown), K78AZ K80ED K83AQ Matador TX (2043R125 KCED-11 KVII 7 KLBK-13).

Jan 10 Tr 0545-0800, "K71EH" K73AW K76AN Turkey TX (4544R105), unId ch 76 to SW (KFDO-8), K78AZ K80ED K83AQ Matador TX (4544R125), unId ch 79 SW (pri. sta. unknown).

Jan 13 Es 2022 t/in to 2206, KNXT 2 KNBC 4 KTLA 5 Los Angeles CA (5533R1040), XHEC-3 Mexicali BCN (5522R1020), KEY-T 3 Santa Barbara CA (5532R1130), KORK-3 Las Vegas NV (5532R880), unId ch 5 (XHAQ or KHEV), XETV 6 Tijuana BCN (4534R1040).

Jan 17 MS Cyginids super-bursts between 1230-1600 to NE.

Jan 18 Tr 2030, unId ch 81 NW (primary station unknown).

Jan 19 Tr 0610-1040, KHFI-42 KTBC-7 Austin TX (3535R360), KFPW-40 Ft. Smith AR (4535R295), KGTO-36 Fayetteville AR (4535R320), KUHI-16 Joplin MO (4535R310), KOED-11 KTUL 8 Tulsa OK (5554R230 KTUL over KFDO), KERA-13 Dallas TX (5544R235), KODA 12 Joplin MO (5543R310), KOKH-25 Oklahoma City (5545R125), unId ch 10&12 translators NE, K70CF K72CB K74BF Higgins TX (5544R70 KGNC-4 KFDO-8 KVII 7), K66AB K68AD Perryton TX (2045R95 KGNC-4 KVII 7). 2200-2254 t/out, unId chs 76 (unknown) 79 (KGNC-4) 81 (KVII 7) NNW, in Oklahoma.

Jan 20 Tr 0542-1150, K72CB Higgins TX (5555R70 repeating WFAA-8 snowfree before KFDO-8 c/on), unId ch 76 NNW (KVII 7), unId ch 7 translator NE, K07FX K10FR K12GA Fargo OK (3043R70), KYTV 3 KOLR 10 Springfield MO (4542R390). 1830-2248 t/out, KHTV 39 Houston TX (3432R460), KNCT 46 Belton TX (4545R320).

Jan 21 Tr 054401410 t/out (all-day tropo), KHOU-11 KTRK 13 KHTV 39 KVRL 26 Houston TX (3544R460), KTBC-7 KVUE 24 KHFI-42 Austin TX (454 2-5-5 R360), KLRN 9 San Antonio TX (4532R420).

Jan 22 Tr t/in 1108-1422 t/out, KSLA-12 Shreveport LA (3041R395), KNOE-8 Monroe LA (4040R480). 2215-2310, K72BD K78AP K82AK Miami TX (3042R70 KGNC-4 KVII 7 KFDA-10).

Jan 27 Tr 2156, KFDW-12 Clovis NM (4544R215).

Jan 28 Tr 1038 t/in 1358 t/out, KBIM-10 KSWB-8 Roswell NM (3442R280).

Jan 18-23 tropo was great. Many more stations received than listed. Anyone who says the off season is off, is off! Total: 352.

Glen Harter, Von Ormy, Texas (PSC Box 42309, Kelly AFB TX 78211) (Jan-Feb) (CST)

Monthly Gulf tropo openings continue, but January's ~~lasted less than a day.~~
 Still, it gave me some hope of cleaning out Alabama on UHF; provided another kilome
 plus catch WJKS 17), and my best catch, WSRE 23 (only 6 kW ERP audio, verified).
 Note the three new Mississippi UHFs now on air. UHFs account for 1/5 of my 201 total.

22 Tr	0002	WFAA- 8 Dallas TX (GreatMovie)	250 (24)	Tr	CO44	KABC- 6 Greenwood MS (s/off)	550
	0003	KDTV 39 Dallas TX	250		0054	WDSU- 6 New Orleans LA	515
	0005	KSWO- 7 Lawton OK (IHTP)	325			(back on at 0553 w/custom TP)	
	0006	KDFW 4 Dallas TX	250		0108	KTBS- 3 Shreveport LA	360
	0859	KTAL- 6 Shreveport LA (Id)	N370			(0134 s/off, Navy hymn)	
	0904	KTHV 11 Little Rock AR ?	T		0113	WKRG- 5 Mobile AL	N650
	0910	KSLA 12 Shreveport LA ?	T			FINAL EDITION nx; 0119 Lords	
23 Tr	1015	KTVE 10 El Dorado AR ?	T			Prayer, no SSB)	
	2109	WMAA 29 Jackson MS	530		0123	unId 5 (IHTP)	
	2110	WMAU 17 Budo MS	N485		0131	WERC- 6 Birmingham AL	755
		(airdate sked as 14 Jan;				(Editorial, then devotional by	
		5-station Id; 2306 off)				Mtra Angelica; 0136s/off, IBEW plug, SSB)	
	2115	WMAW 14 Meridian MS	N600		0139	WAPI-13 Birmingham AL ?	T
		(airdate 14 Jan; 2200 Speaking Freely)			0524	WCTV 6 Tallahassee FL	N865
	2116	WAEW 14 Pelham GA ?	T			(s/on, then SSB; 0529 FarmReport)	
	2116	KINI 15 New Iberia LA ?	T		0530	WYEA 38 Columbus GA	840
	2117	WAPT 16 Jackson MS	530			(0548 local nx)	
	2117	WNCM 26 New Orleans LA ?	T		0539	WTVM 9 Columbus GA	845
	2117	WRET 33 Baton Rouge LA	455			(0546 s/on after SSB)	
	2122	WMAH 19 Biloxi MS	N575		0550	WAAY-31 Huntsville AL	795
	2125	WSRE 23 Pensacola FL	N690			(Huck Hound; 0724 Paul Harvey)	
		(2149 local discussion of "Jules & Jim";			0551	WHNT-19 Huntsville AL	795
		2201 Arts Calendar; s/off gives 38/6 kw;				(safety talk; 0603 CBS nx;	
		STL KVVU25, SSB and off 2209)				0701 local morning show)	
	2128	WYEA 38 Columbus GA	840		0558	KALB- 5 Alexandria LA	385
		(2212 WPNX Radio Bingo ad)			0611	WLBT 3 Jackson MS	530
	2130	KLFT-10 Lafayette LA	390			(MIHTP, Tone; w/crg distance last month)	
		(2340//WAFB/Louisiana polit. disc.)			0620	WCOV-20 Montgomery AL	N760
	2137	WETQ 42 Mobile AL (Id)	N645			(OC; 0628 prayer; 0700	
	2153	WLTQ 43 Louisville AL	N800			Paul Harvey, CBS nx)	
		(2159 s/off)			0630	WCFT-33 Tuscaloosa AL	N710
	2156	WAFB- 9 Baton Rouge LA	455			(Fopeye; 0723 local nx)	
		(2313 over KLRN; 2340//KLFT; 0010 SSB			0648	WAFB- 9 Baton Rouge LA	455
		showings scenes from American History,			0624	WBRZ 2 Baton Rouge LA	N455
		both drawings & photos; c.1971 Station Graphics)				(logo u/KPRC)	
	2211	WKAB-32 Montgomery AL	N760		0652	WHMA 40 Anniston AL	N810
		(2254 TG&Y ad)				(local mx req; 0656 birdcall Id	
	2238	WBRZ 2 Baton Rouge LA ?	T			contest; 0702 CBS nx; 0726 Paul Harvey)	
	2302	WCFT 33 Tuscaloosa AL ?	T		0731	WQXI-11 Atlanta GA	890
	2303	WBMG 42 Birmingham AL ?	T			(logo u/KHOU)	
	2310	WJKS-17 Jacksonville FL	N1025		0733	WETV 30 Atlanta GA	895
		(movie; 0050 s/off, "N. Fla's				(RTMA TP, tone)	
		tallest tower!" hymn)			0737	WMAA 29 Jackson MS	530
	2345	WAAY-31 Huntsville AL	795		1648	XHAB- 7 Matamoros Tams	245
		(2359 Id, NEC chimes, Navy propaganda			1649	XHX -10 Monterrey NL	265
		pgm; 0029 c/off; s/off very brief)			1655	XET - 6 Monterrey NL	265
	2358	KNOE- 8 Monroe LA	435		2030	KGNS- 8 Laredo TX	130
		(MOVIE, perfect quality;				(extremely strong reception	
		0025 KNOE-AM plug)				associated w/ frontal passage)	
24 Tr	0019	XHAB- 7 Matamoros Tams	245		2034	XHBR-11 Nuevo Laredo Tams	140
		(characteristic 15kHz CCIToKTBC)				(ditto, but not quite perfect due low power;	
	0029	WALA-10 Mobile AL (0031 s/off)	650			video also poorly modulated: dim gray)	
	0039	KHOU-11 Houston TX	200		2037	XEFE- 2 Nuevo Laredo Tams	140
		(Id slide w/ space world shot)			30 Es	1530 WUSN- 2 Charleston SC	1130
ocp!	22 Tr	0004) KTVT 11 Fort Worth TX	250			Until the next, 73.	

Best of DX to all

Dennis

Edited by Terry Colgan

DX

MAILBAG

This month marks a milestone in WTFDA history with the addition of 47 new members. Although most learned of the Club from electronics magazines, Bob Cooper, Bruce Elving and Glen Hauser deserve special thanks for their recruiting efforts.

Without further delay, let's say hello to the following new members:

John Baldwin	Toledo, OH	thru Communications Handbook
Charles R. Bash	Champaign, IL	sponsor unknown
George Bigley	San Antonio, TX	thru Glen Hauser
Scott A. Blake	Hatfield, PA	thru Popular Electronics
R. W. Bland	Bloomington, GA	Thru PE
Richard Bosse	Windsor, CT	thru Communications World
Lawrence Boyd	Gloucester Point, VA	thru NRC
Kenneth F. Burns	Mountain View, CA	sponsor unknown
Peter Carbone	New York, NY	thru Popular Science
Arthur Catlin	Stanton, NE	thru Radio Electronics
Robert C. Christensen	Amherst, NY	sponsor unknown
Michael Collins	Stratford, CT	sponsor unknown
John W. Comstock	Waldron, IN	thru CW
Tom S. Courténay	New Orleans, LA	thru PE
Frank J. Douma	Avon Park, FL	thru PE
Alfred Eckstadt	N. Miami, FL	sponsor unknown
Darrell R. Elsea	Vicksburg, MS	thru CH
Joseph Estabrook	Westminster, MA	thru CW
Dave Felzke	Lansing, MI	thru NNRC
David A. Folse	Dallas, TX	thru Cadco
Robert L. Foxworth	New York, NY	thru PE
Robert B. Frantz	Ft. Lauderdale, FL	thru Robert Cooper
Angel M. Garcia	Flushing, NY	thru IRCA
Ron Hade	Rockford, IL	thru PE
Don Hamilton	Geneva, IL	thru PE
Alvin E. Harvey	Lawrence, MA	thru NRC
James G. Herkimer	Oxon Hill, MD	thru IRCA
Kendall J. Hosmer	Hamburg, NY	thru PE
William F. Jennes	Chicago, IL	thru CH
Lorne Larson	Shaunavon, SK	thru PE
Gerry Lukacik	Chicago, IL	thru Bruce Elving
Lawrence P. Manyx	LaBelle, MO	sponsor unknown
Joseph A. Markewicz	Winnipeg, MB	sponsor unknown
Richard L. Moore	Colchester, VT	thru PE
Robert S. Moore	Havertown, PA	thru PE
Adela Ossowski	Erie, PA	thru PE
Floyd E. Perry	Stockton, CA	thru PE
Don T. Ratcliffe	Shelbyville, KY	thru FM Atlas
Bruce R. Rummel	Fleetwood, PA	thru CH
Peter Sawatzky	Waterloo, ON	thru CW
Elroy W. Shelley, Jr.	Milwaukee, WI	thru IRCA
K. Shihadeh	Chicago, IL	thru PE
George C. Somerton	Windsor, ON	sponsor unknown
R. H. Upjohn	Salem, OR	sponsor unknown
Doug Walker	Ottumwa, IA	thru PE
Gary Yates	Ogden, UT	thru NRC

In addition, the following members continue to support the Club through their renewals:

Kenneth Atkinson	Stuart Grade (2 yr)	Albert J. Phillips
Waldo F. Bishop	Bob Hawkins	(2 yr)
Dave Bright	Harry Hein	Les Prus
Mike Bugaj	Paul Johnson	Shelby Remington
Emile R. Courcy (2 yr)	Bernard Lecomte	Todd E. Schumann
Michele Dolci	Dana K. Mount (2 yr)	Dennis Smith (2 yr)
	James T. Pawlitz (2 yr)	Paul Traska

DXing for over a year, Bruce Rummel has logged 213 FM stations--9 on Es and one tentative MS--using a Sharp 6-band portable and a Heath AJ-15. Bruce, Pat Dyer (editor of the VHF-Radio column) has written several computer programs similar to yours. Why not drop him a line?

Angel Garcia was a "hardcore" BCB DXer until the high noise level at his new QTH drove him to the FM band. He now listens with a Sony TFM-1600w portable and a Pioneer SX800 connected to a master antenna.

Another new member moving up from the BCB is Robert Foxworth. In addition to working for WCBS Radio and holding ham call K2EWT, he's the foreign tips editor for the National Radio Club.

Mike Dorner is working on a history of U.S. FM stations, especially those built before the FCC freeze in late 1961, and needs directories (such as Broadcasting Yearbook and the old White's Log) for the years 1945-1958. If any member would be willing to sell or loan directories in their possession, please contact Mike at 1409 Hymelia Ave., Metairie, LA 70003.

Barry Johnson, stationed on Luzon in the Philippines, reports almost non-existent DX since he's located 500 yards from a VOA 1250kw ECB transmitter. Needless to say, the harmonics ruin the band, and their HF transmitter blanks out the low and high VHF bands and the FM band. Seems like a good location to take up basket weaving!!

A man after this editor's heart is new member Darrell Elsea. Darrell's main interest is VHF radio as evidenced by his listening equipment: a Regency scanner, and Nova-Tech aircraft and hi-low VHF receivers. (Hope to see your reports in Pat Dyer's column.)

Floridian, Frank J. Douma, lists two of his best catches as KANU and KCUR, using a Lafayette HA-600, Allied 2671, and an RCA AM-FM receiver. In addition to listening, Frank also builds his own antennas.

Besides Dxing TV with a Heath 12-inch B&W set hooked to a Jerrold PIX-225, and using a Fisher R-200-B tuner for work above 30 MHz, Kendall Hosmer is an ardent BCB DXer. Lately he's been using a double-tuned crystal set and a tuned antenna.

Educational FM stations are the DX specialty of Adela Ossowski, using a Sherwood SEL-200 receiver, a Scott 433 digital FM tuner, and an older Scott 1348 receiver.

New members holding ham licenses include: Kenneth F. Burns (WB6UWX), Arthur Catlin (WØAPS), John Comstock (K9KFL & W9DTG), Tom S. Courtenay (WB5FQR), Don Hamilton (WN9FXI), James G. Herkimer (WB2ANO), Robert S. Moore (WA3LLK), and Elroy W. Shelley, Jr. (WB9GIE).

So much for this month's mail. Will there be anything from YOU next month?

DAVE L. BROWN
ROUTE ONE, BOX 514
JACKSON HEIGHTS
FARMVILLE, VA. 23901

Deadline: 12th of month

LOG

DATA

This is the trial installment of a new VUD column which, if it meets with reader approval, will provide the television DXer with information

that, hopefully, can increase his log totals substantially. This column will compile information on the individual station's s/on and s/off habits, the test patterns used by the different stations, and other related information.

The worth of such information is manifest. US DXers can set up schedules to run on meteor shower dates instead of using the now largely "hit or miss" methods. The DXer will also find such info useful during tropo openings by having an idea of in what direction and at what time to look for much needed stations. Hopefully, we will have to rely less and less on the C.C.I. Column to ID our loggings of stations observed transmitting only color bars, test patterns, ect. as more information is compiled.

Readers are requested to send in information on their local stations and, if possible, on their semi-local stations. The contributor should attempt to follow the outline given below and also note daily variations in individual stations' habits. Usually, the weekday habits are fairly consistant with variations occurring mostly on weekends. The C.C.I. editor has requested that contributors also send info on the first and last programs of each station's broadcast day. While this info won't appear in the column due to space limitations, it will be kept on file for direct reference by the C.C.I. editor to aid him in IDing C.C.I. items. This column will concentrate on the low band channels two through six for the first issues and then switch over to either high band VHF, UHF, or a mixture of both. Please let me know what band of channels you would rather see listed after the switch over from low-band. FM DXer take note: If you live in an area that isn't covered by a TV DXer you can do your "brother" WFFDA members a big favor by contributing to this column. Perhaps one day the favor can be returned if we ever see the creation of a column along these lines that covers FM stations.

Because of space limitations, abbreviations will be employed to a great extent in this column. Abbreviations of the various types of sign-off films and, also a new classification of the various types of color bars can be found in this month's C.C.I. column. Here are other abbreviations that will be used in this column:

CL - call letters	scu - shown continously until
flw - follows	T/on - transmitter on
flwb - followed by	T/off - transmitter off
IDS - ID slide	wkdys - weekdays
sl. - slide	? - indicates that the station's s/on or s/off
L.P.- Lord's Prayer	time may vary due to movies, ect.
prcd.- precede or preceds	

As for test patterns and their abbreviations which may have some new members confused, the "Test Pattern Guide" will be reprinted by HQ sometime in the near future.

Credit for this column is given to Les Prus, C.C.I. editor, who saw the need for such a column, proposed the idea to HQ, and contributed a great amount of effort to working out the format and basic contents of the column with me.

Information on each station appears in this sequence:

S/ON:

- 1: transmitter on time
- 2: type(s) of test pattern(s) and/or color bars shown until s/on
- 3: s/on time
- 4: devotional, if any, after s/on; indicated either by yes or no

S/OFF:

- 5: devotional, if any, prior to s/off; indicated either by yes or no
- 6: s/off time
- 7: anthem or film after s/off
- 8: type(s) of test pattern(s) and/or color bars shown until t/off
- 9: t/off time

All times are listed in CENTRAL Standard Time. This will reduce the chance of errors and will make conversion easier since the user will only have to make one time conversion. When reporting, please indicate the time frame your items are in.

Ch. 2: KQTV, St. Joseph, Mo.: S/ON: 0730, CB (8 bars) scu, 0745 w/"Good Morning" sl. flwb NFRssb, yes; SAT & SUN: 0700, rest flws wkdy format except DC ssb. S/OFF: yes, 0011 w/"Good Night" sl., DCssb, 0013; SAT: yes, ?0014, NVYssb, 0017; SUN: yes, 0040, DCssb, 0042. Devotional: "Story of Jesus". CL are sometimes superimposed over CB in lower center.

Ch. 3: KARD, Wichita, Kan.: S/ON: 0600, CB (9 bar) scu 0625 cut to IHTP scu 0630 cut to IDS w/mx. audio, 0646 w/IDS, no, IPssb prcd s/on; SAT: 0630, CB scu 0645 cut to IHTP scu 0652 cut to IDS w/mx. audio, 0659 w/IDS, no, NPssb prcd s/on; SUN: FLWS SAT. format except t/on at 0700. S/OFF: no, 0006 w/IDS, EPssb, 0008; SAT: flws wkdy format except s/off 0045; SUN: same format except 0005 s/off.

Ch. 3: WTAR, Norfolk, Va.: S/O: 0438, open carrier only, 0450 w/IDS, no; SAT & SUN: no s/on due to "All Night Movie 3". S/OFF: MON - THUR.: yes, ?0033 w/IDS, FMHssb, 0035; FRI. & SAT.: no s/off; SUN: yes, 0005 w/IDS, FMIssb, 0007. Devotional: "Lift Up Mine Eyes"

Ch. 4: WDAF, Kansas City, Mo.: S/ON: 0630, 3/4CB (7-2.2-S) scu 0650 cut to IDS, 0653 w/IDS, no; SAT & SUN: flws wkdy pattern except 0657 s/on w/IDS, L.P. prcd s/on. S/OFF: no, 0009 w/IDS, L.P., 3/4 CB scu, 0022; SAT: no, ?0015 w/IDS, L.P. @121; SUN: flws Sat. format except 0000 s/off.

Ch. 5: KCMO, Kansas City, Mo.: S/ON: 0530, MIHTP scu, 0547 flwb RSssb, yes; SAT: same format as wkdy; SUN: 0630, IHTP scu, 0653 flwb RSssb, no; S/OFF: yes, :0214 w/IDS, RSssb, MIHTP scu, 0245; SAT: yes, 0230 w/IDS, RSssb, MIHTP, 0238; SUN: no, ?0030, MIHTP, 0036. Devotional: "Moment of Meditation", KCMO's MIHTP consists of standard IHTP w/CL and location superimposed in white.

Ch. 6: WTVR, Richmond, Va.: S/ON: 0455, M-RETMA, 0458 w/IDS, no; SAT & SUN: 0524; M-RETMA, 0530 w/IDS, no. S/OFF: MON - SAT: no, ?0001 w/IDS, NFRssb, 0003; SUN: no, ?2341 w/IDS, NFRssb, 2343. WTVR's M-RETMA has left vert. & low. horiz. bar replaced w/CB; CL & stn. owner below upper horiz. bar on each side of wedge.

Ch. 7: WDBJ, Roanoke, Va.: S/ON: 0510, GS scu 0513 cut to grid pattern, 0520 w/IDS, yes, IPssb prcd s/on; SAT: 0455, CB(8 bar), 0457 w/IDS, yes, NPssb prcd s/on. SUN: 0510, 3/4CB (7-1.0-S) scu 0520 cut to grid, 0525 w/IDS, yes. S/OFF: Mon - THUR: yes, ?0020 w/IDS, L.P., 0022; FRI: yes, ?0200, L.P., 0207; SAT: flws format except ?0015 s/off. Devotional: "Light of Life". Stn's. grid pattern consists of grid with part of upper section of patter replaced w/CB and "Channel 7, WDBJ-TV" replacing section of pattern in lower part of screen.

STATISTICS

Deadlines: Glenn Hauser, editor
 13 March PSC Box 42309
 12 April Kelly AFB TX 78241
 March 1972

Comments: "How about UHF states listing?" --Cooper, who has 22 of them. "I estimate no more than 50 stations have escaped my counting because of strict standards." --Elving. Egan reports MS totals of 22 stations from 13 states and 1 province, as of Christmas. "Keep up the good job, and don't work too hard." --Bolin (This is a contradiction! --ed). "I'd like to /suggest/...starting an "indoor" grouping for those who cannot for economic or landlord reasons erect an outside antenna. ... If there are indoor and outdoor forms of baseball, tennis, etc., why not for FM DXing? Those who are handicapped suchwise are at a severe disadvantage." --Dorner. "ANYONE can get a lot of U's in the midwest...." --Roger Brown. "I still think that zero distance loggings should be eliminated...Such listings simply look strange." --Wood. "TV Statistics. I've never sent them in before because I've been converting the statistics from my method of counting stations to WTFDA standards." --Parillo. "Thanks for your great work as a statistician; a very fair system." --Remington

FM SCOREBOARD

DXer. Location	Stns	88-92	Es	States	Prov	Lands	YB	As of:
Bruce Elving, Duluth MN	1001	61		39+DC	3	2	48	22 Jan
*Carlton Howington, Uniontown OH	800	127	94	33+DC	3	5	67	11 Sep
Russ Brown, Saint Joseph MI	730	85	102	30	5	2	68	7 Jan
Robert Cooper, Oklahoma City OK	704			43+DC	4	5		9 Nov
Robert Seybold, Dunkirk NY	606			38	2	2		6 Jan
John Ebeling, Bloomington MN	598	49	229	37	4	3	48	1 Dec
Andy Bolin, Charleston IL	594	83	22	31	2	2	70	3 Nov
Glenn Hauser, Enid OK	513	28	275	39	4	4	65	27 Nov
Al Kopec, Himrod NY	443	53	35	33+DC	2	3	57	2 Jan
Larry Vogt, Springfield VA	394	98	93	35+DC	2	4	68	7 Nov
Joe Fela, Newark & S Plainfield NJ	380			32+DC	1	2		17 Jan
Waldo F. Bishop, Tallahassee FL	374	53	80	30+DC	3	3	69	9 Dec
Fred Nordquist, N Syracuse NY	342	60	38	29+DC	2	3	69	4 Jan
Glenn Hauser, San Antonio area TX	289	65	82	31	1	4	71	11 Feb
Shelby Remington, New Haven CT	286	39	15	23+DC	2	2	70	1 Dec
Fred McCormack, Des Lacs ND	275	22	132	34+DC	3	2	65	6 Dec
Richard E. Wood, Baton Rouge LA	268	23	5	23	0	1	71	21 Jan
*Frank Merrill, Toledo OH	258						71	6 Oct
Mike Dorner, Metairie LA	243							24 Jan
Dennis Moe, Saint Ansgar IA	228	15	2	14	1	2	70	29 Nov
Dennis Smith, Wasco CA	189	17	40	9	0	2	52	8 Feb
John Ebeling, Addison IL	187	23	4	11	0	1	63	1 Dec
John Parillo, Girard OH	185	33		15+DC	1	2	58	4 Dec
*Peter Hobday, Canandaigua NY	184	29	10	9	2	2	68	11 Sep
David L. Brown, Farmville VA	152	18	4	17+DC	0	1	70	1 Nov
Gil Morgan, Garden Grove CA	121	27	9	7	0	2	69	17 Jan
Joe Kureth, Maryland	104		0	8+DC	0	1	71	18 Nov
*Pat Dyer, San Antonio TX	90	10	11	12	0	2	70	13 Oct
*Jim Hayes, Wilkes-Barre PA	90	4	17	15+DC	1	2		8 Sep
*Peter Sawatzky, Waterloo Ont	90	6	1	5	1	2		Oct
*Frank Wheeler, Erie PA	79	2	0	4	1	2	64	26 Aug
Dennis Smith, Santa Barbara CA	75	8	0	1	0	2	51	8 Feb
Ron Le Blanc, Marrero LA	69	12	0	7	0	1	71	12 Dec
*Les Prus, Manhattan KS	67	11	6	12+DC	0	1	70	7 Sep
*Bill Migley, Lancaster OH	58	9	0	6	1	2	68	31 Aug
*Pat Dyer, Gunbarrel Hill CO	38	8	16	10	1	2	71	7 Sep

*=Update required by 13 March to remain listed. Readers of this column, including its editor, would be grateful if those of you who have not supplied figures for every column in the scoreboards would "fill in the blanks" next time around. Some have suggested adding even more categories, such as MS, Aurora, Tropo, Class A, but your editor hesitates to do this in view of the less than full support for the categories we already have....

94 MHZ FM DX RECORDS

Contributors of 94 MHz record candidates are: Bishop, Bolin, Russ Brown, Dorner, Dyer, Ebeling, Elving, Fela, Hauser, Hobday, Howington, Le Blanc, Markewicz, McCormack, Merrill, Morgan, Sawatzky, Seybold (94.1 only), Smith, Vogt, Wood. Gain a few, lose a few....

MHz	Pr	Call	Location	Miles	DXer, Location	Comments
94.0	Es	XET-	Monterrey NL	1375	John Ebeling, Bloomington MN	now 94.1
94.1	Es	WTCC-	Savannah GA	1420	Glenn Hauser, Denver CO	
	Tr	WQXI-	Smyrna GA	890	Glenn Hauser, Von Ormy TX	
	MS	KBPO	Beaumont TX	935	Russ Brown, Saint Joseph MI	We are investigating some questionable TV records, but will take no action until the claimants have had the opportunity to retract or explain them. Challenges and corrections are always welcome here.
	Au	WIAL	Eau Claire WI	310	Russ Brown, Saint Joseph MI	
94.3	Es	KDLK-	Del Rio TX	1300	Frank Merrill, Milan MI	
	Tr	CFRW-	Winnipeg Man	845	Frank Merrill, Milan MI	
	MS	CFRW-	Winnipeg Man	745	Russ Brown, Saint Joseph MI	
	Au	CFRW-	Winnipeg Man	745	Russ Brown, Saint Joseph MI	
94.5	Es	KELT	Harlingen TX	1460	Bruce Elving, Duluth MN	
	Tr	KSMB	Lafayette LA	875	Russ Brown, Saint Joseph MI	
	MS	KFIA-	Scott City KS	850	Mike Dorner, Metairie LA	
	Au	WWSW-	Pittsburgh PA	220	Frank Merrill, Milan MI	
94.7	Es	WPTF-	Raleigh NC	1445	Fred McCormack, Des Lacs ND	
	Tr	KTTS-	Springfield MO	670	Bruce Elving, Duluth MN	
	MS	WJMD	Bethesda MD	925	Bruce Elving, Duluth MN	
	Au	WPTF-	Raleigh NC	510	Frank Merrill, Milan MI	
94.9	Es	WAVO-	Decatur GA	1340	Fred McCormack, Des Lacs ND	
	Tr	WLCY-	Tampa FL	990	Glenn Hauser, Von Ormy TX	
	MS	WDBJ-	Roanoke VA	1205	Glenn Hauser, Von Ormy TX	

NEW TV DX RECORDS

Ch	Call	Location	Prop Miles	DXer, Location	Old Record
4	KMOX-	Saint Louis MO	MS 735	Tom Yingling, Dundalk MD	W & R Nieman 665
	"CBWT2"	Lac du Bonnet Man	Tr 55	Joe Markewicz, Winnipeg Man	new
5	WKRG-	Mobile AL	Tr 650	Glenn Hauser, Von Ormy TX	Clark 550
6	WCTV	Tallahassee FL	Tr 865	Glenn Hauser, Von Ormy TX	Ruland 855
	KTAL-	Shreveport LA	Tr 370	Glenn Hauser, Von Ormy TX	Neal 360
7	"CBWIT"	The Pas Man	Tr 0	Joe Markewicz, The Pas Man	new
9	KIXE	Redding CA	390	Dennis Smith, Wasco CA	Cooper 300
	KCOO-	Aberdeen SD	385	Joe Markewicz, Camp Morton Man	McCormack 275
	CKX2	Melita Man	200	Joe Markewicz, Camp Morton Man	McCormack 80
	"CBKRT"	Regina Sask	340	Joe Markewicz, Camp Morton Man	McCormack 210
10	KMOT	Minot ND	260	Joe Markewicz, Camp Morton Man	McCormack 230
	"CBWBT"	Flin Flon Man	95	Joe Markewicz, The Pas Man	new
11	KDIN-	Des Moines IA	470	Robert Cooper, Oklahoma City OK	Draeb 360
	CKX1	Foxwarren Man	180	Joe Markewicz, Camp Morton Man	McCormack 255
13	WLWI	Indianapolis IN	685	Robert Cooper, Oklahoma City OK	Hauser 680
	KXMC-	Minot ND	265	Joe Markewicz, Camp Morton Man	McCormack & 225
14	WMAW	Meridian MS	600	Glenn Hauser, Von Ormy TX	new
17	WJKS-	Jacksonville FL	1025	Glenn Hauser, Von Ormy TX	Le Blanc 510
	WMAU	Bude MS	485	Glenn Hauser, Von Ormy TX	new
	KCBJ	Columbia MO	355	Robert Cooper, Oklahoma City OK	new
19	WMAH	Biloxi MS	575	Glenn Hauser, Von Ormy TX	new
23	WSRE	Pensacola FL	690	Glenn Hauser, Von Ormy TX	Le Blanc 175
40	WHMA-	Anniston AL	810	Glenn Hauser, Von Ormy TX	Seybold 695
42	WEIQ	Mobile AL	645	Glenn Hauser, Von Ormy TX	Le Blanc 140
43	WGIQ	Louisville AL	800	Glenn Hauser, Von Ormy TX	Le Blanc 295
66	K66AB	Booker TX	180	Robert Cooper, Oklahoma City OK	Neal 100
68	K68AD	Booker TX	180	Robert Cooper, Oklahoma City OK	Neal 100
70	K70AQ	Boise City OK	285	Robert Cooper, Oklahoma City OK	new
78	K78CO	Fairbury NE	320	Robert Cooper, Oklahoma City OK	of KHNE-29 new
80	K80CP	Beatrice NE	330	Robert Cooper, Oklahoma City OK	of KUON-12 new

UHF TROPO TVDX RECORDS

28	KCET	Los Angeles CA	95	Mort Meehan, North Palm Springs CA	was KTHE
	WTVM	Columbus GA	360	Ed Bourgeois, Norco LA	now ch 9
	WJSP-	Columbus GA	855	Glenn Hauser, Von Ormy TX	
	WSJV	Elkhart IN	740	Robert Cooper, Oklahoma City OK	
	WAFB-	Baton Rouge LA	370	Richard Lowry, Temple TX	now ch 9
	WCPB	Salisbury MD	345	Roy Barstow, Teaticket MA	
	WRDU-	Durham NC	670	Dick Clark, Fort Lauderdale FL	
	WGSF	Newark OH	400	Bill Draeb, Kewaunee WI	
	WBRE-	Wilkes Barre PA	630	Bill Draeb, Kewaunee WI	
			tie	Ferdinand Dombrowski, Milwaukee WI	
	KSEL-	Lubbock TX	450	Don Ruland, Houston TX	
	VVER	Rutland VT	325	Robert Seybold, Dunkirk NY	
29	KBAK-	Bakersfield CA	250	Robert Cooper, Lafayette CA	
	WDXR-	Paducah KY	620	Robert Seybold, Dunkirk NY	
	WKSO	Somerset KY	720	Robert Cooper, Oklahoma City OK	
	WGTU-	Traverse City MI	320	Robert Seybold, Dunkirk NY	
	WMAA	Jackson MS	740	Dick Clark, Fort Lauderdale FL	
	KHNE	Hastings NE	540	Fred McCormack, Des Lacs ND	
	WUTV	Buffalo NY	440	Bill Draeb, Kewaunee WI	
	WCDB	Hagaman NY	230	King Schafer, Kenmore NY	now off
	WTAF-	Philadelphia PA	510	Roger Brown, East Lansing MI	
	WNTV	Greenville SC	615	Dick Clark, Fort Lauderdale FL	
30	KFRE-	Fresno CA	180	Dennis Smith, Santa Barbara CA	
			tie	Robert Cooper, Mount Tamalpais CA	
	KHOF	San Bernardino CA	140	Dennis Smith, Santa Barbara CA	
	WHNB-	New Britain CT	585	Roger Brown, East Lansing MI	
	WETV	Atlanta GA	895	Glenn Hauser, Von Ormy TX	
	WTIU	Bloomington IN	650	Robert Cooper, Oklahoma City OK	
	KDNL-	Saint Louis MO	630	Robert Seybold, Dunkirk NY	
	WRLO	Portsmouth OH	245	Frank Merrill, Milan MI	now off
	WGTE	Toledo OH	860	Robert Cooper, Oklahoma City OK	
31	WAAY-	Huntsville AL	795	Glenn Hauser, Von Ormy TX	
	WMBD-	Peoria IL	785	Fred McCormack, Des Lacs ND	
	WTAF	Marion IN	285	Bill Draeb, Kewaunee WI	now off
	WRLH	West Lebanon NH	365	Robert Seybold, Dunkirk NY	
	WNYC-	New York NY	385	Carlton Howington, Uniontown OH	was WUHF
32	WKAB-	Montgomery AL	795	Robert Seybold, Dunkirk NY	
	KTVE	El Dorado AR	240	Richard Lowry, Temple TX	now off
	KNEW	San Francisco CA	235	Dennis Smith, Sequoia Grest CA	was KSAN
	WFLD	Chicago IL	685	Robert Cooper, Oklahoma City OK	
	WLKY-	Louisville KY (IN)	1040	Fred McCormack, Des Lacs ND	
	WRLP	Greenfield MA (NH)	350	Hank Holbrook, Fair Haven MD	
			tie	Robert Seybold, Dunkirk NY	
33	WCFT-	Tuscaloosa AL	775	Robert Seybold, Dunkirk NY	
	WCHU	Champaign IL	300	Bill Draeb, Kewaunee WI	now WICD-15
	WKJG-	Fort Wayne IN	765	Robert Cooper, Oklahoma City OK	
	WRBT	Baton Rouge LA	510	Robert Cooper, Oklahoma City OK	
	WYTV	Youngstown OH	415	Bill Draeb, Kewaunee WI	
	WITF	Hershey PA	265	Mark Lewis, Downsview Ont	
	WJPM-	Florence SC	550	Dick Clark, Fort Lauderdale FL	
	KMEC	Dallas TX	265	Glenn Hauser, Enid OK	
	WETK	Burlington VT	355	Robert Seybold, Dunkirk NY	
	WMUL-	Huntington WV	495	Bill Draeb, Kewaunee WI	
	WMTV	Madison WI	525	Richard Nieman, Buffalo NY	now ch 15

We would like very much to compile a list of TV DX received via the aurora. But many more reports from members are needed before we can do this. Do not include auroral Es.

UHF TROPO TVDX RECORDS

28	KCET	Los Angeles CA	95	Mort Meehan, North Palm Springs CA	was KTHE
	WTVM	Columbus GA	360	Ed Bourgeois, Norco LA	now ch 9
	WJSP-	Columbus GA	855	Glenn Hauser, Von Ormy TX	
	WSJV	Elkhart IN	740	Robert Cooper, Oklahoma City OK	
	WAFB-	Baton Rouge LA	370	Richard Lowry, Temple TX	now ch 9
	WCPB	Salisbury MD	345	Roy Barstow, Teaticket MA	
	WRDU-	Durham NC	670	Dick Clark, Fort Lauderdale FL	
	WGSF	Newark OH	400	Bill Draeb, Kewaunee WI	
	WBRE-	Wilkes Barre PA	630	Bill Draeb, Kewaunee WI	
			tie	Ferdinand Dombrowski, Milwaukee WI	
	KSEL-	Lubbock TX	450	Don Ruland, Houston TX	
	WVER	Rutland VT	325	Robert Seybold, Dunkirk NY	
29	KBAK-	Bakersfield CA	250	Robert Cooper, Lafayette CA	
	WDXR-	Paducah KY	620	Robert Seybold, Dunkirk NY	
	WKSO	Somerset KY	720	Robert Cooper, Oklahoma City OK	
	WGTU-	Traverse City MI	320	Robert Seybold, Dunkirk NY	
	WMAA	Jackson MS	740	Dick Clark, Fort Lauderdale FL	
	KHNE	Hastings NE	540	Fred McCormack, Des Lacs ND	
	WUTV	Buffalo NY	440	Bill Draeb, Kewaunee WI	
	WCDB	Hagaman NY	230	King Schafer, Kenmore NY	now off
	WTAF-	Philadelphia PA	510	Roger Brown, East Lansing MI	
	WNTV	Greenville SC	615	Dick Clark, Fort Lauderdale FL	
30	KFRE-	Fresno CA	180	Dennis Smith, Santa Barbara CA	
			tie	Robert Cooper, Mount Tamalpais CA	
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	WHNB-	New Britain CT	585	Roger Brown, East Lansing MI	
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	KDNL-	Saint Louis MO	630	Robert Seybold, Dunkirk NY	
	WRLO	Portsmouth OH	245	Frank Merrill, Milan MI	now off
	WGTE	Toledo OH	860	Robert Cooper, Oklahoma City OK	
31	WAAY-	Huntsville AL	795	Glenn Hauser, Von Ormy TX	
	WMBD-	Peoria IL	785	Fred McCormack, Des Lacs ND	
	WTAF	Marion IN	285	Bill Draeb, Kewaunee WI	now off
	WRLH	West Lebanon NH	365	Robert Seybold, Dunkirk NY	
	WNYC-	New York NY	385	Carlton Howington, Uniontown OH	was WUHF
32	WKAB-	Montgomery AL	795	Robert Seybold, Dunkirk NY	
	KTVE	El Dorado AR	240	Richard Lowry, Temple TX	now off
	KNEW	San Francisco CA	235	Dennis Smith, Sequoia Crest CA	was KSN
	WFLD	Chicago IL	685	Robert Cooper, Oklahoma City OK	
	WLKY-	Louisville KY (IN)	1040	Fred McCormack, Des Lacs ND	
	WRLP	Greenfield MA (NH)	350	Hank Holbrook, Fair Haven MD	
			tie	Robert Seybold, Dunkirk NY	
33	WCFT-	Tuscaloosa AL	775	Robert Seybold, Dunkirk NY	
	WCHU	Champaign IL	300	Bill Draeb, Kewaunee WI	now WICD-15
	WKJG-	Fort Wayne IN	765	Robert Cooper, Oklahoma City OK	
	WRBT	Baton Rouge LA	510	Robert Cooper, Oklahoma City OK	
	WYTV	Youngstown OH	415	Bill Draeb, Kewaunee WI	
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	WJPM-	Florence SC	550	Dick Clark, Fort Lauderdale FL	
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	WETK	Burlington VT	355	Robert Seybold, Dunkirk NY	
	WMUL-	Huntington WV	495	Bill Draeb, Kewaunee WI	
	WMTV	Madison WI	525	Richard Nieman, Buffalo NY	now ch 15

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CHANNEL 12 TROPO TVDX RECORDS

WSFA-	Montgomery AL	685	Robert Cooper, Oklahoma City OK	
KHSL-	Chico CA	320	Dennis Smith, Wasco CA	
KFRE-	Fresno CA	700	Cecil Morrow, Elma WA	now ch 30
KCOY-	Santa Maria CA	190	Robert Cooper, Modesto CA	
WDEL-	Wilmington DE	765	Sam Brooks, Boston GA	now off
WFGA-	Jacksonville FL	1020	Glenn Hauser, Von Ormy TX	
WEAT-	West Palm Beach FL	670	Ed Bourgeois, Norco LA	
WILL-	Erbana IL	510	Robert Seybold, Dunkirk NY	
KIIN-	Iowa City IA	615	Robert Seybold, Dunkirk NY	
KTVH	Hutchinson KS	1010	Robert Seybold, Dunkirk NY	
WVUE	New Orleans LA	615	L. J. Bros, Mérida Yuc	now WYES
KSLA-	Shreveport LA	685	Jim Himes, Joes CO	
WMEB-	Orono ME	240	Roy Barstow, Teaticket MA	
WPRO-	Providence RI (MA)	430	Dennis Smith, Little Creek VA	now WPRI
WJRT	Flint MI	515	Dave Egan, Valleyfield PQ	
KEYC-	Mankato MN	550	Glenn Hauser, Enid OK	
KNMT	Walker MN	345	Fred McCormack, Des Lacs ND	
WJTV	Jackson MS	655	Bill Heusmann, Steger IL	
			tie Joe Kureth, Southern Pines NC	
KFVS-	Cape Girardeau MO	785	Karl Kleintop, Telford PA	
KODE-	Joplin MO	625	Bill Draeb, Kewaunee WI	
KUON-	Lincoln NE	505	Bill Draeb, Kewaunee WI	
KRNE-	Merriman NE	285	Marv Garber, Lincoln NE	
WHYY-	Philadelphia PA (NJ)	290	Robert Seybold, Dunkirk NY	now in PA
KFDW-	Clovis NM	825	Ron Le Blanc, Marrero LA	was KVER
WNBF-	Binghamton NY	645	Ferdinand Dombrowski, Lebanon WI	
WCTI-	New Bern NC	600	Harold Cooper, Westland MI	was WNBE
WSJS-	Winston-Salem NC	745	Carlton Howington, Homestead FL	
KBMB-	Bismarck ND	685	Barney Rauch, Peoria IL	now KXMB
KCND-	Pembina ND	200	Fred McCormack, Des Lacs ND	
WKRC-	Cincinnati OH	625	Ed Rigel, Independence KS	was ch 11
KVSO-	Ardmore OK	785	Dave Janowiak, Milwaukee WI	now KXII
K12GA	Fargo OK	75	Glen Neal, Sayre OK	of WKY-4
KPTV	Portland OR	240	Ed Albright & Charles Wood, Mount Ashland OR	
WICU-	Erie PA	940	Startzman, Bennington KS	
WRDW-	Augusta GA (SC)	1020	Glenn Hauser, Von Ormy TX	
WDEF-	Chattanooga TN	700	Glenn Hauser, Enid OK	
KBMT	Beaumont TX	485	Glenn Hauser, Enid OK	
KONO-	San Antonio TX	1135	Carlton Howington, Homestead FL	now KSAT
KTXS-	Sweetwater TX	615	Ron Le Blanc, Marrero LA	was KPAR
WRVA-	Richmond VA	465	Jeff Kadet, Needham MA	now WWBT
KVOS-	Bellingham WA	215	Ed Hepp, Portland OR	
WBOY-	Clarksburg WV	545	B. J. Bingham, Festus MO	
WISN-	Milwaukee WI	725	Robert Cooper, Oklahoma City OK	
WAEQ-	Rhineland WI	540	Dave Pomeroy, Overland Park KS	
			tie Robert Seybold, Dunkirk NY	
CHEX-	Peterborough Ont	490	Dave Janowiak, Milwaukee WI	
CFCF-	Montréal PQ	420	Roger Gravelle, Saint Thomas Ont	
CKCK-1	Colgate Sask	130	Fred McCormack, Des Lacs ND	
CMBJ-	Habana Cuba	705	Ed Bourgeois, Norco LA	
CMFF-	Jatibonico Cuba	260	Carlton Howington, Homestead FL	
XEWT-	Tijuana BCN	255	Jim Pizzi, Orcutt CA	
XHAW-	Monterrey NL	690	Ron Le Blanc, Marrero LA	
	El Valle, Panamá	45	Dave Swanson, Margarita CZ	
KMVI-	Wailuku HI	110	Glenn Hauser, Honolulu HI	

For lack of space, and due to some opposition, we will try omitting this time a number of short-distance ch 12 translator loggings, which have been published since September 1969.

FM Q.S.L.

Dennis M. Moe
Rt. 2 Box 32
St. Ansgar, Iowa 50472
Deadline: 12th of month

Contributors sent in much information about Texas QSL's so this issue will be devoted to Texas stations plus others if there is room. Keep up the contributions!

- TEXAS: KFAD, Arlington-Cleburne, 94.9. Signer J. Gordon, TD. (RW)
- KASE-FM, Austin, 100.7. Letter signed John R. Kreiger, P&GM. (RW)
- KMFA, Austin, 89.5. Letter signed Kenneth W. Byrd, Station Mgr. (RW)
- KOKE-FM, Austin, 95.5. Encl'd promo material. T. Jones, PD. (RW)
- KTBC-FM, Austin, 93.7. Coverage map. Signed Don Lincoln, PD. (RW)
- KBPO, Beaumont, 94.1. Coverage map, Signed Mark A. Kiester, M. (RW)
- KMSC, Clear Lake City, 102.1. Clear Lake City not mentioned on letterhead. "Not on full power," transmitting from downtown Houston. Al Pavey, Vice Pres. & GM. Coverage map. (Note the call Richard.. You gave KLUX in your report, but that call was licensed to Phoenix, AZ. Let me know if KMSC is not correct. DMM)
- WTAW-FM, College Station-Bryan, 92.1. Very specific. Antone J. Nemeec, CE. Encl'd rate card with hand drawn CM. (RW)
- KNRO-FM, Conroe, 106.9. Geo. A. Schank, Tech. Supplies Specialist. (RW)
- KZFM, Corpus Christi, 95.5. Don R. Durden, Jr., VP & GM. Says my report was the 4th most distant of 83 received since 3/1/71. (RW)
- KIXL-FM, Dallas, 104.5. Brief letter from Bob E. Tripp, CE. (RW)
- KOAX, Dallas, 105.3. Card from Derrell Pitcock, CE. (RW)
- KVIL-FM, Dallas, 103.7. Robert D. Kanna (? DMM), VP & GM. Totally inspecific text. (RW)
- KDNT-FM, Denton, 106.1. Card signed Darwell V. Shepard, GM. (RW)
- KBUY, Ft. Worth, 93.9. "Mr. Sunshine," producer of program I heard. (RW)
- KNOK-FM, Ft. Worth, 107.5. Letter signed James Cope, CE. (RW)
- KWXI, Ft. Worth, 97.1. Daryl E. Parker, Chief Engineer. (RW)
- WBAP-FM, Ft. Worth, 96.3. Card, two CM's and much promo material. Rupert Bogan, Director of Engineering. (RW)
- KGBC-FM, Galveston, 106.5. Luke Stripling, CE. (RW)
- KRBE, Houston, 104.1. Michael P. Martin, Production/Engineering

- KIKK-FM, Houston, 95.7. Encl'd copy of spot I heard. Gerald R. Chinski, CE. (RW)
- KODA-FM, Houston, 99.1. Encl'd rate card. Martin Griffin, GM. (RW)
- KTRU, Houston (Rice University), 91.7. Full details in one week specifying power as 10 watts (at 200 miles), asked for tape: later sent poster; signed by Ben Kobb, Verification Director(!). (GH)
- KNCT-FM, Killeen, 91.3. Very specific, encl'd CM, sked. Gary A. Witt, SM. (RW)
- KVLG-FM, La Grange, 104.9. Mike G. Wallace, Asst.M. CM, sked. (RW)
- KHER, Longview. Returned report, enclosed CM. (RW) 105.7.
- KLLL-FM, Lubbock, 96.3. Letter in 16 days with smtr-antenna info; signed by Robert G. Purrington, Chief Eng. Returned report. (PD)
- KNFM, Midland, 92.3. Letter in 8 days; signed Max Howard, Bus.M. (PD)
- KEFM, Nacogdoches, 103.3. J. R. Stallworth, CE. (RW)
- KUND, Pasadena, 92.5. Neal Meineke, CE. (RW)
- KCAW, Port Arthur, 93.3. Lee Ashworth, News Director. (RW)
- KPAC-FM, Port Arthur, 98.5. Sam Monroe, SM. Inspecific. (RW)
- KFRD, Rosenberg, 104.9. Bill Sloan, GM. Encl'd sked. (RW)
- KEEZ, San Antonio, 97.3. Ted Stecker, Program Director. (RW)
- KTFM, San Antonio, 102.7. Bruce Kathaway, SM. CM Encl'd. (RW)
- KULG-FM, Temple, 104.9. Letter signed June Menix. (RW)
- KWTX-FM, Waco, 97.5. Letter signed Dave South, PD. (RW)
- KSPL-FM, Diboll, 95.5. Letter signed Wm. M. Powell. (RW)
- OKLAHOMA: KINB, Poteau, OK, 107.3. Letter in 32 days, with apology for delay); signed by Vic Nowlin, Manager. (PD)
- KRMG-FM, Tulsa, 95.5. Enclosed CM, also CM for sister station WBYU in New Orleans. J. Scott Blaker, Operations Director. (RW)
- PENNSYLVANIA: WIFI, Philadelphia, 92.5. William R. Gaston, CE. My most distant verification. (RW)
- SOUTH DAKOTA: KKLS, Rapid City, 93.3. Hand-written letter and calling card from "Uncle Bill" Spitzer, CE. My report was most distant. (RW)
- UTAH: KCPX-FM, Salt Lake City, 98.7. Modified AM card in 7 days; signed by Will Wright, Radio Manager. (PD)

Contributors this month are Dr. Richard Wood, Pat Dyer, and Glenn Hauser. Pat had this comment on his veries: "As I don't include any return postage etc. with my reports I guess that I' lucky to have about an 30% reply rate." 73.

KIFG-FM, Iowa Falls, 95.3. Letter in 4 weeks signed by Aldis Hendrickson, CE. Invited me to receive KWAU-FM in Webster City (new at the time). (DMM)

KENTUCKY: WKMS-FM, Murray, 91.3. Dr. Thomas O. Morgan, Dir., Radio-TV Division. (RW)

WEKU, Richmond, 88.9. Long, very detailed 2-page letter from Loy W. Lee, Asst. Coord. Radio, also a DX-er. (RW) Enclosed CM, sked.

LOUISIANA: KFNV, Ferriday, 93.5. Letter from Bob Cupit, PD. (RW)

KRVS, Lafayette, 88.3. Very specific. Enclosed sked. Calls itself "the ten-watt giant." David L. Clary, Jr., Campus News Director. (RW)

KNOE-FM, Monroe, 101.9. Rodney W. Randall, prog. dir. sent letter, CM. (RW)

WTUL, New Orleans, 91.5. Two letters; Donald R. Newcomb, Asst. to Dir., and Steve Rappeport, PR Dir. Enclosed FCC docket material. Began operations 14:00 CST 4 Dec. '71. Rated power is 10W. ERP 36W. (RW)

KYEA, West Monroe, 98.3. Chuck Morgan, Manager. Enclosed rate card. (RW)

KCRF, Winnsboro, 95.5. Si Willing (I think that's right. DMM), Co-owner. Enclosed brochures. (RW)

MISSISSIPPI: WBIL, Biloxi, 93.7. Hand-written 2-sided letter from Duane (?? DMM) B. Jenkins, CE. Written on WVMI stationery, as call change too recent. (RW)

WVMI-FM, Biloxi, 93.7. Hand-written 2-sided letter from same signer as WBIL above. Written on WBIL stationery, which must have arrived just about the time the station changed calls back to WVMI-FM. Hence, I have WBIL verified on WVMI stationery, and vice-versa! Call change 11 Nov., 1971.

WFFF-FM, Columbia, 96.7. Lester Haddox, Owner. (RW)

WMBC-FM, 103.1, Columbus. Very specific letter from Clyde Harris, Program Director. (RW)

WSWG, Greenwood, 99.1. Keith Wonell, Jr., CE. Enclosed brochure. Verie by letter. (RW)

WBAQ, Greenville, 97.9. Paul Artman, GM. (RW)

WDMS, Greenville, 100.7. Enclosed rate sheet, promo material. Andy Roberts, PD sent letter. (RW)

WROA, Gulfport, 107.1 John A. White, E. (RW)

WNLA, Indianola, 105.5. Eddie Tutts (?). Many enclosures. (RW)

WKXI, Jackson (? DMM), 94.7. "Stereo Soul," detailed verie in one week from President and Part-Owner J. Alex Bowab, also a DXer and NRC member. Included large sheaf of promo material, CM, SC, dial card, etc. "Our first DX-report." Very interested in more reports (GH).

WKOZ-FM, Kosciusko, 105.1. (Mrs.) Carol Payne, PD. (RW)

WCCA, McComb, 94.1. Phillip D. Brady, Co-owner, CE. (RW)

WALT, Meridian, 97.1. Enclosed CM, Jerry Brophy, GM. (RW)

WDAL, Meridian, 101.3. Don Partridge, Manager. Enclosed coverage map. (RW)

WOSM, Ocean Springs, 103.1. Pleasant, detailed letter from Charles H. Cooper, Owner-Mgr. Said my report was most distant, though only 143 miles from here. Not surprised, as station only very weakly heard here. Enclosed calling card, C M. (RW)

WOOR, Oxford, 97.5. Letter including CM and sked. Signed Leroy E. Kilpatrick, WA5UCM. (RW)

WJNS, Yazoo City, 92.1. Letter included CM. Leon Hill, Engineer. (RW)

MISSOURI: WIL-FM, St. Louis, 92.3. Form letter, no details. Tom Perryman, President and General Manager. (RW)

KWFC, Springfield, 97.3. Very specific. Enclosed CM, brochures, rate card. James E. Price, Asst. M. (RW)

NEW YORK: WBGH-FM, Buffalo, 102.5. Card. (RW)

NORTH CAROLINA: WMIT, Black Mountain, 106.9. Signed Dick Jensen, GM. Enclosed card, CM, sked. (RW)

OKLAHOMA: KCSC, Edmond (Central State College), 90.1. Single report quickly drew friendly letters from Jack Bailey, Sta Mgr, and Dan D. Stoner, Chief Announcer. Enclosed brochure, CM, sticker, sked, invitation to visit, and, later, copy of story on the reception in campus paper. (GH) (Another friendly 10-watter! DMM)

KRMG-FM, Tulsa, 95.5. Enclosed CM, also CM for sister station in New Orleans, WBYU (95.7 DMM). Signed J. Scott Blaker, Operations Director. (RW)

Contributors this month are Glenn Hauser, Van Ormy TX, and Dr. Richard E. Wood, Baton Rouge, LA. Out of stencils so 73.

TV QSL CORNER

Editor: Bill Matthews
P.O. Box 15306
Columbus, Ohio 43215

Telephone: 614-236-0026
6:00 P.M.-10:00 PM EST

ALABAMA: WKRC, Mobile, channel 5, sent an interesting letter in 14 days. Verie signer was C. B. Willard, Chief Engineer. (David Egan)

ALABAMA: WAPI, Birmingham, channel 13, sent a routine letter in 6 weeks from Paul D. Gross, Chief Engineer. Said mine was second most distant report after "Canada" (Glenn Hauser)

FLORIDA: WPTV, Palm Beach, channel 5, sent a photostat letter in 10 days. Verie signer was W. L. Evenden, Director of Engineering. (Egan)

IOWA: WMT, Cedar Rapids, channel 2, sent informative letter in 9 days, signed by Ross L. Wilson, Chief Engineer (Egan)

IOWA: KDUB, Dubuque, channel 40, sent a letter in 17 days with airdate, audio and video ERP, transmitter type and antenna height. The transmitter is located in Keiler, Wisconsin. Verie signer was Ken Elkins, Station Manager. Included coverage map. (Hein)

KANSAS: KCKT, Great Bend, channel 2 verified by letter in 7 days. Report was sent to parent station KARD in Wichita. The reply letter, signed by Rodger D. Herring, Engineering Director, specified my reception was of KCKT in Great Bend. (Bill Matthews)

KANSAS: KAKE, Wichita, channel 10, sent a letter in 17 days signed by Harold H. Newby, Vice-President and Chief Engineer. Specified power and antenna height. Also sent a local program magazine and BROADCAST NEWS. (Ron Hade)

KENTUCKY: WKON, Owenton, channel 52, sent a letter in 13 days with transmitter type and ERP, tower height, and the information that they use a simple ended Varien high power Klystron for the final visual amplifier. Signed by Donald A. Littleton, Assistant Director of Engineering. The station is listed as Owenton, but the stationary mentions only Lexington. (Hein)

LOUISIANA: WBRZ, Baton Rouge, channel 2, sends a no data card, which merely acknowledges the report....however, is a QSL as they return my report with a correction to the program data! (Matthews) Sorry, total time 6 days, no signer.

NEBRASKA: KDUH, Hay Spring, channel 4.....I wrote to KDUH directly - and received no reply. So, a report went out to KOTA-TV. The answer came back, "regarding KOTA-TV" So, BEWARE! (Joel Rosenberg). Joel, why not try a follow up and explain the situation? Elmer Nelson is listed as KOTA's CE, try directing your letter to him. (KOTA verie letters are unsigned, but it can't hurt to try the CE)

NEBRASKA: KHTL, Superior, channel 4, sent a letter signed by Tom Nuss, Manager. (Rosenberg)

NEW YORK: WBEN, Buffalo, channel 4, sent a black and white card designed for AM,FM,TV. No signer. Time: 20 days. (Egan)

NEW YORK: WPTZ, Plattsburgh, channel 5, replied by a letter in 4 days. Prompt, but only a short thank you from Lincoln Dixon, Chief Engineer. No technical information. (Peter Sawatzky)

NEW YORK: WWNY, Watertown, channel 7, sent AM-TV card. Printed verie signer name is M. Von Kovig, Director of Engineering. (Egan)

OKLAHOMA: WKY, Oklahoma City, channel 4, sent a card giving power, tower height, and location. (Rosenberg) An especially nice catch at your distance, Joel.

OHIO: WSNS, Columbus, channel 10, sent a letter in 10 days with no info. Signer was William Orr, Director of Engineering. (Hein) The tower for this station is in the middle of the city and can be seen for MILES! It dwarfs most of the buildings - similar to WKRC (12) in Cincinnati.

OHIO: WUAB, Lorain, channel 43, sends letter and card in 10 days with ERP, antenna type, (RCA Pylon TFU 25G), and height. Verification signer was Harry Sykora, Chief Engineer. (Hein)

SOUTH CAROLINA: WCSC, Charleston, channel 5, sent a reply in 12 days. Signer was A. R. Hughes, Chief Engineer. (Egan)

TENNESSEE: WDCN, Nashville, channel 2, replied with a letter signed by Carl Shirley, Chief Engineer. (Rosenberg)

UTAH: KCPX, Salt Lake City, channel 4, sent a card for KCPX Radio with "KCPX-TV" stamped on it. (Frank Adenit). Very good, Frank!

WEST VIRGINIA: WTRF, Wheeling, channel 7 sent a blue and white printed card. No signer. Total 8 days. (Egan) An attractive card and a worthwhile specimen for any collection (Matthews)

WEST VIRGINIA: WSAZ, Huntington, channel 3 replied by letter in 25 days signed by John P. Clay, Chief Engineer. (Pat Dyer)

WISCONSIN: WEAU, Eau Claire, channel 13 sent a non-specific letter in 4 days. (Hein)

WISCONSIN: W75AJ-75, Fond Du Lac, ch 75 - WBAY (2) Green Bay translator, sends WBAY QSL card with a note confirming W75AJ reception. Time: 10 days (Hein) A nice catch, Harry

WISCONSIN: WBAY, Green Bay, channel 2, sends a card in 9 days specifying antenna height and type, transmitter power and type. (Hein)

WISCONSIN: WKOW, Madison, channel 27, will reply to DX reports by letter according to J. O. Sarff, who contacted the station.

WISCONSIN: WHA, Madison, channel 21, sends word that they will reply to correct reports by letter. This per J. O. Sarff

WISCONSIN: WWTW, Milwaukee, channel 18 replied by letter in 6 days telling of power, antenna height, longitude, and sign on time. (Hein)

WISCONSIN: WITI, Milwaukee, channel 6 sent a letter and colorful folder. Signer was R. G. Truscott, CE. Required follow up and total time was 2 months. (Egan)

(Now, the next time we have an opening to Wisconsin - get ready for all those QSLs!. Special thanks for that mass of material concerning Wisc stations, though more is still at hand. Perhaps a bit more in March)

CANADIAN

QSLs

ONTARIO: CFTO, Toronto, channel 9 sent a letter in 3 days. Signer was A. K. Taylor, Transmission Supervisor (Egan)

ONTARIO: CFPL, London, channel 10, sent a QSL card the same day received. Signer was Fred Woodley VE3 - 9301 (Egan)

QUEBEC: CJBR, Rimouski, channel 3, replied with a letter signed by the Chief Engineer, Marcel Vallée. Report in French. (Rosenberg)

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Well, so ends another month of QSLs. Hope you found the Wisconsin "special" of some interest. Thanks for the contributions to the following members... Glenn Hauser in Texas, Harry Hein in Illinois, Ron Hade in Illinois, Frank Adenit in Idaho, Pat Dyer in Texas, Joel Rosenberg in Downsview, Ontario, J. O. Sarff in Illinois, David Egan in Valleyfield, Quebec, Peter Sawatzky in Waterloo, Ontario, and Ye Editor

Remember: ALWAYS thank the station for replying - even a postcard will do. They are doing us a favor by verifying - let's not spoil it! See you next month.

009

Leslie J. Prus
1615 Pierre Street
Manhattan, Kansas 66502

deadline: 12th of month

MARCH 1972

First we'll get the editor's summertime unIDs out of the way:

- Tue May 18 Es 2 1603 EDT - "Sesame St." PTA: mid-Atlantic states WUND?
- 3 1605 " - "David Frost" w' guest Phil Silvers KYW?
- 2 1648 " - "Star Trek" PTA: mid-Atlantic States
- 2 1732 " - "Perry Mason" " " " WFMY? or WSB?
- 4 1735 " - Variety Show w' karate demonstration PTA: GA, FLA
- 2 1740 " - "Big Valley" WSB? or WUSN?
- Fri May 21 Es 3 1145 PDT - No ID shown at 1200 when started "Guiding Light (CBS)
PTA: WA, ID, MT. All evidence indicates KLEW-3.
- 2 1724 EDT - "Perry Mason," promo for "Eyewitness Nx" WUSN?
- 2 1845 EDT - delayed "Edge of Night" PTA: NE USA, ONT, PO.
- 2 1920 EDT - "Galloping Gourmet" PTA: NE USA, ONT, PO.
- Sat May 22 Es 3 0920 CDT - "Dr. Doolittle" PTA: MS, LA suspect WLBT but network
listed as ABC, NBC. What cartoon did they run?
- 2 1620 CDT - kids' variety show: "The Little People" KPRC-2?
- 2 1220 " - "Mr. Ed," PTA: Texas, possibly Louisiana (u)
- Sun May 23 Es 2 1725 EDT - "Wagon Train" ending. PTA: Northeast US
- 2 1725 " - Lcl movie: "Picture for a Sunday Afternoon." Title
of film being shown is unknown. Northeast US
- 6 1730 EDT - Slide: "Dunebuggies - Oliver B.C.," promo for prgrm:
"Telescope 71," start of "Program X," CBC slide shown
PTA: Eastern Canada, or possibly Central Canada
- 4 & 6 1740 EDT - parallel programming: young men & women singing, like
the "Young Americans," PTA: KY, TN, mid-Atlantic
- 2 1753 EDT - Science Prgrm: 2 men w' microscope on lab table
- 2 1703 CDT - Interview Prgrm: "Youth Wardrobe," with Dr. Charles
Scott. PTA: KY, TN, mid-Atlantic states WDCN?
- 6 1710 CDT - "NFL Quiz" PTA: same as above
- 3 1720 " - Local Weather with Tenn. map. PTA: Tenn. WXXX? WRCB?
- 2 1723 " - Ad for "Dr. Claiborne Opel" car dealer
- 2 1728 " - end of "Beverly Hillbillies," CBS logo WFMY?
- 2 1750 " - local movie starring Gregory Peck. PTA as above
- Tue May 25 Es 3 0948 EDT - "Galloping Gourmet" PTA: Fla. Ga.
- 6 0948 " - "Bewitched"
- 3 0958 " - "Gomer Pyle, USMC," ending PTA same
- Wed May 26 Es 2 1058 MDT - Cartoons: Leapfrog, Huck Hound PTA: W. Canada, US
- 2 1213 PDT - Cartoon prgrm with clown MC, PTA WA, OR
- 4 & 2 1215 PDT - parallel: "Beat the Clock" PTA: Northwest US (r)
- 2 1245 PDT - "Three Stooges" (not cartoon) " " " "
- 4 1245 PDT - local cartoon prgrm: ventriliquist MC with puppets
- Fri Jun 4 Tr 11 0040 CDT - signoff news, wx, sports: "Update" with the letter
"U" modified into an arrow. PTA: Ark, Mo.
KTHV or KPLR???
- 1 0040 CDT - Texas ch. 13 signoff with FBI wanted list. PTA:
northern Texas.
- Tue Jun 8 Es 3 1235 CDT - Full Color Bars until 1250 fade. PTA: north MEX
- Fri Jun 11 Es 6 1726 EDT - "Big Valley" PTA: Eastern US
- 3 1830 " - end nx: "The Scene Tonight," start "I Love Lucy"
- Sat Jun 12 Es 4 1610 CDT - variety or talent program. WWL? PTA: MS, LA, TX
- 3 1655 " - promo for "Festivalandia" variety show and for Red
Skelton Show (NBC) PTA: Texas
- 2 1730 EDT - delayed Jacques Cousteau "Galapagos Dragons" FLA
- Sun Jun 13 Es 2 1750 EDT - Laura ~~W~~ Weber Guitar followed by Book Beat. (ETV)
PTA: Eastern U.S., suspect WUND

(Les Prus, continued)

Wed Jun 23 Es 3 1430 CDT - cartoon program "The Ranger Station" PTA: unknown
 2 1425 PDT - "Lucille Rivers" sewing prgrm PTA Western US
 Mon Jul 5^{1/2} Es 2 1200 EDT - local news: "Eyewitness News" WKTV? PTA NY, NE.US
 3 1200 EDT - local news (either WTIC or WCAX) PTA New England
 3 1302 EDT - Art or Botany Prgrm - two men discussing drawing
 of a tree. PTA: NY, New England, Ontario, FQ
 Fri Jul 30 Es 5 1215 EDT - NBC show "Jeopardy" Suspect WCYB do they have it?
 6 1230 EDT - NBC "Who, What, Where Game" begins PTA: VA area WHIS?
 6 1230 EDT - Start lcl "Jim Burns Program" Virginia area
 2 1310 EDT - local mx segment "Tele-Tective News" KDKA??
 Mon Aug 9 Es 2 2140 EDT - delayed "NBC Comedy Theater" lcl nx at 2200 East US
 Sun Nov 14 MS 3 0230 EST - burst of Charlie Chan Movie
 Mon Jan 3 MS 3 0613 EST - world map at right
 3 0640 EST - "Story of Jesus"
 Wed Jan 19 Tr 9 0545 CST - sports film of Wimbledon
 tennis hilites, 1971
 Suspect KMSP, ~~XXXX~~, WAOW
 WWTU, or WCFO. with Michigan & Wisconsin most likely
 Sun Jan 30 MS 2 0700 EST - burst of "RFD-2" program slide PTA Eastern US



Glen Hauser, PSC Box 42309, Kelly AFB, Texas 78241

Mon Jul 5 Es 91.5 2109 MDT - concert mx. PTA Western USA KFGA?
 92.3 2111 MDT - baseball. not KVEG. KXTC??
 Tue Aug 10 88.1 2109 EDT - Rock mx PTA Ohio
 89.7 2119 EDT - Concert mx. at 2303 "Dvorak's 9th Symph. Ohio
 Wed Aug 11 95.7 1033 CDT - ABC News - PTA Wisconsin
 88.3 2111 CDT - Concert mx, not WSBS. WIAA? Richard Tucker
 promo re music education PTA: Wisconsin
 Wed Sep 29 88.3 1653 PDT - "Caucasian sketches", concert mx PTA: S. Calif
 94.1 1718 PDT - concert mx. KOGO?
 Fri Oct 8 91.5 2036 EDT - fem voc classical recital PTA: Fla WFRK, WFSU?
 95.3 2046 EDT - Soul mx, March of Dimes PSA by James Earl Jones
 PTA: Florida WTLN??
 Thu Oct 20 90.9 - open prgrm from Duke Univ. WILL? WSIE also heard
 Sat Nov 13 Tr 91.5 0836 EST - Concert mx PTA Fla WFSU??
 Sun Nov 14 Tr 93.7 0416 EST - cci to KRLY - at 0610 documentary about war with
 a black correspondent. WMOP? Gulf Coast, Fla
 Tr 99.5 0557 EST - end "Master Control", jingle ID. PTA, same
 Tue Dec 14 Es 88.5 1932 EST - explanation of opers "Don Giovanni" Ohio. WYSU??
 88.1 1931 EST - "Firing Line" PTA Ohio
 89.7 1934 EST - disc jockey John Newhall saying Goodbye. PTA Ohio
 88.5 1938 EST - news regarding demonstrations, mentioned college
 officials Pres. Elkins, Chancellor Bishop. PTA OH
 95.1 1949 EST - "Earl Nightengale" PTA Michigan
 94.1 1949 EST - "Number 1 Country Song." PTA Michigan
 91.1 1901 CST - concert mx. student announcer, "Mozart Flute
 Quartet in G" PTA: Indiana, Wisconsin
 94.3 1907 CST - takeoff on old radio overdrama PTA as above
 97.9 1904 CST - "ABC Information News" PTA: Ind, Ill, Wisc.
 98.3 1929 CST * game coverage PTA: KY, OH, IN
 94.7 1937 CST - DJ Dean Francis sitting in for "K.B." who is on
 vacation in Calif. PTA: Kentucky
 89.7 1938 CST - game coverage West Ga. Crusaders vs Temple at
 Carrollton, Ga. PTA Georgia. doubt WDYN
 88.3 1939 CST - lecture about genetics & sociology 1939-43. PTAKY
 Thu Dec 23 Tr 91.7 0900 CST - SSB directly into "Firing Line" KOSU, KVTT PTA TX, OK
 Fri Dec 24 MS 95.1 1600 CST - NBC nx beeps. PTA: eastern or midwest USA

Richard E. Wood, Louisiana State University, Baton Rouge, Louisiana 70803

Thu Jan 6 Tr 91.5 1055 EST - female schoolteacher (retarded class?) with Southern accent. Very basic reading lesson, with much time spent controlling kids. No IDs at 1100 or 1130. Same teacher, class heard before Xmas teaching religious phrases. PTA: Southeast US. WFHC?

Adela Ossowski, 412 East 12th St., Erie, Pennsylvania 16503

Sat Aug 21 Tr 89.5 1930 EDT - Religious services at Catholic church. Heard during last two years until local WITF 89.5 took to the air Sept. 1st. (I suspect this might be WSOU, South Orange, NJ- Seton Hall College is a private Catholic school. Welcome to WTFDA! ljp)

Dave Brown, Route 1, Box 514, Jackson Heights, Farmville, Virginia, 23901

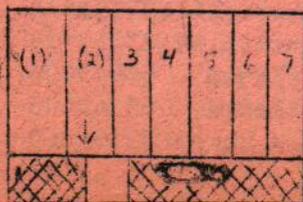
Sun Jan 16 Es ch 3 1115 EST - cartoons PTA: Fla, Ga. WEAR? WRBL?
 4 1120 " - "Camera 3" " " WJXT?
 2 1125 " - "Billy Graham PTA: Fla, Ga. WSB?

STAR SPANGLED BANNER film types - prepared by Les Prus and Dave Brown.

- AF ssb - Air Force: various USAF aircraft and missiles. (Audio is instrumental)
- AMM ssb - Arlington Marine Memorial: various scenes of the monument to the WW2 flag raising on Iwo Jima. (Audio is instrumental)
- DC ssb - District of Columbia: various buildings in Washington; White House, Lincoln Memorial, Tomb of Unknown Soldier, etc. (instrumental)
- FMH ssb - Fort McHenry: various scenes of Fort McHenry (instrumental)
- NFR ssb - Naval Flag Raising: flag raising ceremony with naval personnel.
- NVY ssb - Navy: various US Navy warships (Audio is instrumental).
- NP ssb - Naval Personnel: Navy ships and aircraft, but also closeups of naval personnel such as the pilot, sailor, WAVE, etc. (instrumental)
- PFU ssb - Period Flags and Uniforms: honor guards in period uniforms pass in review carrying various American historic flags. (instrumental)
- RS ssb - Revised Stanzas: Video shows Americans at work, play, voting and at prayer. Audio is a female singing the lesser known stanzas of the sb.
- USH ssb - U.S. History: montage of still scenes from American history, drawings and photos, ending with a photo of the U.S. flag on the moon. (instr)
- VW ssb - Vietnam War: combat film footage. Not in general use any more.

COLOR BAR CLASSIFICATION (cont.)

In the February CCI the variations of color bars and the possibility of using them as an aid to station identification was discussed. This month a classification scheme is offered. The three basic ways in which color bars vary are in the (1) number of color bars, (2) position of the white square, and (3) the width of the white square compared to the color bar: single (s) or double (d).



The position of the left edge of the white square of the 3/4 CB at left is "2.5" (below bar #2, .5 of the way across). Thus the correct designation for the color bars at left would be 3/4 CB: (7-2.5-s), since it has 7 color bars, square at 2.5 and of single width. If describing CB (full color bars,) only the number of bars are necessary. 1/2 CB can be classified in the same way as 3/4 CB. Until next month, 73.

EASTERN TV DX

Dave Pomeroy
 Channel 19
 2100 Stark
 Kansas City, Mo. 64106

While tropo dominates the sparse number of eastern reports received for this month's column skip was reported from various locations on December 6, 10, 13, 14, 20, 26, and January 7 and 9. Tom Yingling of Maryland also noted a strong meteor scatter opening on January 4 when he logged four Missouri TV stations.

Received for this month's column was the first report from Canada since the eastern provinces were switched from Roger Brown's central DX column and some comments from Roy Barstow in Massachusetts about the format of this column. I will try to comply with these suggestions whenever possible, but the reporting of actual DX will always be the prime purpose of this column.

Please note again the change of address. I'd like to hear from more DXer's.

		Ronald J. LeBlanc, 2524 Arizona Drive, Marrero, Louisiana		(CST)
12-11	Tr	0600 WTVM-9 Columbus, GA 2032R337	12-24	Tr 0140 WFAA-8 Dallas, TX 3235R456
		0610 WYEA-38 Columbus, GA 4555R337		0155 KFDA-10 Amarillo 2235R773
		0615 WSFA-12 Montgomery 4554R289		0202 KTUL-8 Tulsa, OK 2024R555
12-13	Es	1715 UNID-2 Spanish 3222	12-25	1700 KTHV-11 LittleRock3344R350
		1745 XEFB-3 Monterrey, ML4323R700		1730 KATV-7 LittleRock4332R350
12-14		1730 WGR-2 Buffalo, NY 2222R1098		1732 KERA-13 Dallas, TX 3234R456
		1800 KDAL-3 Duluth, MN 4232R1169		1915 WEMG-42 Birmingham4455R320
		1940 KUSD-2 VermillionSD4322R969		1920 WHNT-19 Huntsville3445R375
		1945 KWGN-2 Denver, CO 3222R1000		2220 KTVE-10 ElDorado 4452R285
12-20	Tr	1830 KHTV-39 Houston, TX 2335R321		2335 WMAB-2 St.College4142R258
		2000 WYEA-38 Columbus, GA 5555R337 #220		2400 KRBC-9 Abilene, TX3354N590
		2030 WMAB-2 St.CollegeMS4543R258		2401 KVUE-24 Austin, TX4445R460
		2035 WKAB-32 MontgomeryAL4555R289		0015 KHFI-42 Austin, TX3445R460
		2036 WCOV-20 Montgomery 5555R289 #221		0030 KOSA-7 Odessa, TX 3332N471
		2050 WCIQ-7 Mt.Chette St.Park, AL		0030 WBAF-5 Dallas, TX 4445R456
#218		2100 WRBL-3 Columbus, GA 4132N337		0031 KATV-7 LittleRock4555R350
		2130 WHAE-46 Atlanta, GA 3445R406		0037 KTBS-3 Shreveport3444R289
		2131 WTVM-9 Columbus, GA 4252R337		0045 KARK-4 LittleRock3443R350
		2215 WHNT-19 HuntsvilleAL3455R375 #222		0100 WMC-5 Memphis, TN2345N366
		2216 WBMG-42 Birmingham 4555R320		0103 KAUZ-6 Wichita Falls R570
		2217 WIIQ-41 Demopolis, AL5555R220 #223		0140 KMOM-9 Monahans, TX N769
		2220 WFIQ-43 LouisvilleAL4555R287		0150 KTXS-12 Sweetwater, TX R627
		2230 WCFT-33 Tuscaloosa 5555R263		0155 KPRC-2 Houston, TX2235R321
		2255 WMSL-48 Decatur, AL 4555R375		0200 KOCO-5 Oklahoma City R575
		2257 WHIQ-25 Huntsville 3455R375		0205 WREC-3 Memphis, TN3355R366
		2300 WSFA-12 Montgomery 5554R289		0220 WBRC-6 Birmingham4555R320
		2320 WQXI-11 Atlanta, GA 3354R406		0221 WAPI-13 Birmingham3455R320
		2337 W70AU-70 Biloxi, MS 3355R77 #224		0225 KOTV-6 Tulsa, OK 4555N555
		2400 WAPI-13 Birmingham 4453R320		0230 WFAA-8 Dallas, TX 4555R456
#219		0005 WTCG-17 Atlanta, GA 3555R406	12-26	Es 1500 KOAI-2 Flagstaff 3021R1310
		0100 W02AJ-2 Pass Christian, MS	Tr	1900 KTHV-11 LittleRock4443R350
		(translator of WWL-4) 3135N50		1930 KATV-7 LittleRock4332R350
		0110 WBRC-6 Birmingham 5555R320		1900 WCIQ-7 Mt.Chetta 4442R337
12-24		1800 KHTV-39 Houston, TX 3235R321		1930 WTCI-45 Chatanooga4435R473
		1830 KTVT-11 Ft.Worth, TX 3344R485		1931 WTCG-17 Atlanta, GA3445R406
		1930 KERA-13 Dallas, TX 3344R456		2030 WHNT-19 Huntsville3335R375
		0010 KCBF-11 Lubbock, TX 3234R741		2040 WHIQ-25 Huntsville3335R375
		0015 KTVE-10 ElDorado, AK 2234R285 #225		2300 WRMI-28 Durham, NC 2335N796
		0020 KPRC-2 Houston, TX 2135R321		2330 WQXI-11 Atlanta 4444R406
		0110 KBMT-12 Beaumont, TX 3235R244		0020 WSB-2 Atlanta 4554R406
		0135 KFDM-6 Beaumont, TX 2235R244 #226		0045 WCTI-12 New BernNC3335N860

Ronald J. LeBlanc (continued)

12-26 Tr	0050 WAGA-5	Atlanta, GA	4345N406	1-2	Tr	0030 KPRC-2	Houston, TX	3255R321
	0100 KTBS-3	Shreveport, LA	2233R289			0037 KHOU-11	Houston, TX	3455R321
	0101 WAPI-13	Birmingham, AL	4555R320			0043 KBMT-12	Beaumont, TX	3335R244
	0115 WBRC-6	Birmingham, AL	3445R320			0048 WREC-3	Memphis, TN	3344R366
1-2	1030 KTHV-11	Little Rock	3444R350			0100 WBRC-6	Birmingham	3455R320
	1145 KTVE-10	El Dorado, AK	3332R285	1-7	Es	1715 UNID-2	"in for 15 minutes"	
	1345 KLTU-7	Tyler, TX	3453R353	1-9		2115 UNID-2	Spanish until 2130	
	1900 WJSP-28	Columbus, GA	3435R337	1-10	Tr	1730 WMAH-19	McHenry, MS	4455N70
	1930 WYEA-38	Columbus, GA	2335R337	1-11		1900 WMAW-14	Rose Hill, MS	3445N170
	2000 WUIQ-25	Huntsville, AL	3345R375			1901 KHOU-11	Houston, TX	3445R321
	2052 KDNL-30	St. Louis, MO	3445R610			1950 KHTV-39	Houston, TX	3445R321
#228	2200 WKNO-10	Memphis, TN	5555N366			1955 KTRK-13	Houston, TX	3234R321
	2201 WBQB-13	Memphis, TN	4553R366			2100 KLRN-9	San Antonio	2031R510
	2205 WMAB-2	St. College, MS	4242R258			2120 KVUE-24	Austin, TX	3335R460
	2245 WHNT-19	Huntsville, AL	3345R375			2135 KHFI-42	Austin, TX	4435R460
	2425 WAPI-13	Birmingham, AL	3555R320			2307 KTBC-7	Austin, TX	3234R460
	2430 KPRC-2	Houston, TX						(reception of KLRN-9 through WAFB-9)

"Reception has been real good for the last couple of months. I have broken my most distant UHF record with the reception of WRDU-28 in Durham, North Carolina at 769 miles, my old record was 610 miles. Also logged a new record on VHF tropo with the reception of WCTI-12 from New Bern, North Carolina at 860 miles. As I finish typing this report there is a pretty fair opening to the west--as far as San Antonio. I hate the thought of getting up in the morning and going to work because there probably will be a good opening in the morning. Well, back to the TV before I miss anything." 73's Ron (Ron uses two Zenith sets with a 7-foot dish at 70-feet, a Channel Master #3617 at 65-feet, and an Alliance T-45 rotor. dp)

J.J. Rosenberg, 47 Pannahill Road, Downsview 475, Ontario (EST)

11-1 Tr	1600 Erie, Cleveland, Akron, Elmira, Syracuse, Binghamton, etc.	11-17 Tr	1200 WENY-36	WBRE-28
			1900 WKBN-27	WYTV-33 WICZ-40
11-13	2350 WUHQ-41 Battle, Creek, MI	12-4	1630 WAKR-23	WUHQ-41 WSEE-35
11-14	1030 WKBD-50 Detroit, MI 4445R	12-7,8	more of the above (NY, OHIO)	
	(stns. on 11-1 also in on 11-13, 14)	12-10 Es	1730 weak skip on channels 2, 5	
	1500 CBOT-4 WHEN-5 WENY-36 CKNX-8		(also weak skip on December 13 + 15)	
11-17	1000 weak Tr to Erie, Syracuse, Cleveland, Rochester, Detroit WKBD-50	12-17 Au	1430 strong on ch. 5; weak on 7	
		12-23,28;	1-3 more weak tropo	

"This is my first report to the Eastern TV-DX column. I had for the past two years been reporting to Roger Brown. I'll first tell you a little of my equipment, etc. For VHF a fringe model antenna. For UHF, a Finco 5-foot dish. Rotor is a CDE AR-22 mounted on a 50-foot tower. Receiver is an old bomb Admiral (1957) and a Standard Kollsman deluxe converter for UHF. Location is the northern borough of Metro Toronto--about 8 miles from downtown. Elevation 630 feet although Lake Ontario is 250 ASL." (Thanks for your first report. Hope to get many more. dp)

Robert Seybold, Bennett Road, Dunkirk, New York (EST)

1-14 to 1-16	WANE-15 Ft. Wayne	WJAN-17 Canton, OH	WDHO-24 Toledo, OH	WGTE-30
	WKJG-33 WUHQ-41 Battle Creek, MI	WKBD-50 WTVS-56	WXON-62	Detroit, MI

Also some E-skip with CBHT-3 CJBR-3 CHSJ-4 CKCW-2
2-4, 2-11 Tr WJRT-12 WJIM-6 CKCO-1-2 WOOD-8 WILX-10

"Also please retract my WSL-8 logging back on 10-26-71. WSLA-8 logging was by mistake and turned out to be WSIX-8 newscast talking about trouble in Alabama."

Thomas J. Yingling, Jr. 221 Pinewood Rd., Dundalk, Maryland 21222 (EST)

8-8 Tr 0100 WJAC-6 Johnstown, PA 3333N 10-1 Tr 0200 all NYC VHF's except WNET-13
 0145 WTRF-7 Wheeling, WV 3223N 11-26 0100 WSBK-38 Boston, MA 2322N
 0150 WBNS-10 Columbus, OH 3223N 0115 WKBG-56 Boston, MA 2222N
 0150 WJW-8 Cleveland, OH 2222N 0120 WNJT-53 Trenton, NJ 3333R
 0155 WSTV-9 Steubenville 2333N (also Philadelphia and New York City)
 0200 WTAE-4 Pittsburgh 3333N 12-6 Es 1830 KYTV-3 Springfield MO 3233N
 0215 WKBN-27 Youngstown, OH 3333N 1850 KDUH-4 Hay Springs NE 2222N
 0220 WFBG-10 Altoona, PA 3333N 1900 KTVC-6 Ensign, KS 3333N
 9-6 2145 WYAH-27 Portsmouth, VA 4444N 1-4 Ms 0200 KQTV-2 St. Joseph, MO 2222N
 2200 WCVE-23 Richmond, VA 4444N 0210 KYTV-3 Springfield 2222N
 2215 WXEX-8 Petersburg, VA 5555R 0230 KMOX-4 St. Louis, MO 3333N
 9-7 0050 WNCT-9 Greenville, NC 3333R 0245 KMOS-6 Sedalia, MO 2222N
 0030 WSOC-9 Charlotte, NC 3233R 1-14 Tr 2045 WKBS-48 Philadelphia 5555R
 9-29 2100 WCCB-18 Charlotte, NC 3233R 2100 WNJT-53 Trenton, NJ 4444R
 2120 WRDU-28 Durham, NC 2322N 2230 WICZ-40 Binghamton, NY 3333R
 2130 WRET-36 Charlotte, NC 2232R 2235 WBJA-34 Binghamton, NY 2222N
 10-1 0030 WICZ-40 Binghamton, NY 3333N 2250 WITF-33 Hershey, PA 3333N
 0040 WENT-36 Elmira, NY 3223N 2255 WLVT-39 Allentown, PA 3333N
 (was not aware of this call change, dp) 2300 WXTV-41 Patterson, NJ 2332N
 0045 WBRE-28 Wilkes-Barre 3333R 2310 WNYC-31 New York, NY 2222N
 0500 WJET-24 Erie, PA 3333N 2330 WHP-21 Harrisburg, PA 3333R
 0100 WUTV-29 Buffalo, NY 3333N Tom now has 110 stations verified from 28
 0120 WYTV-33 Youngstown, OH 2222N states and DC. For UHF he uses an Allied
 0200 WTIC-3 Hartford, CN 2222N log-periodic 60-element with two extra 4-
 (due to fast change from NC hurricane, ty) bay bow-ties on top with a JFD amplifier.

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

10-18 Tr 2245 WKBS-48 Philadelphia, PA 12-20 Es 0030 KDAL-3 Duluth, MN
 2250 WPHL-17 Philadelphia, PA 0110 WJMN-3 Escanaba, MI
 2400 WCBB-10 Augusta, ME 0117 WBAY-2 Green Bay, WI
 10-19 0600 WMAR-2 Baltimore, MD 0138 KMTV-3 Omaha, NE
 ("Es right on schedule" rb) 0145 WMT-2 Cedar Rapids, IA
 12-10 Es 1900 WEDU-3 Tampa, FL "first time Es seen this late in December"
 1900 WESH-2 Daytona Beach, FL 1-18 Tr 2100 WNJU-47 Newark, NJ
 12-17 2000-2300 west--no ID's 2100 WXTV-41 Patterson, NJ
 12-19 1800 UNID-2,3,4 out by 1900

"I agree with Jerry Pulice that more comments should be included in the member's reports. ...I would like each member to include the equipment he uses--at least the antennas and what type of TV. I like the western column format because more information is given such as Es at tune in at 1600 hours or WNDU under bursts of KVHI, etc. This way we can get a better understanding about conditions and to me it makes a better report and more enjoyable to read. You could ask the reporters to add the material to their reports and I believe this will cause more participation and an all around better column." (Thanks for your comments, Roy. If others agree send this info and I will include it. Please don't send data that should go to the CCI column conducted by Les Prus. dp)

11-1

11-13

(also on 11-1 also on 11-2, 11-3) Es 730 on 11-1

01-4 WJMN-3 (also on 11-1, 11-2, 11-3)

to 1430 on 11-1, 11-2, 11-3

Conducted by
David T. Janowiak

:
: TECHNI/CORNER :
: March, 1972 :
:

3661 So. 46 Street
Greenfield, Wisc., 53220

NOTE: Because of a winter vacation to the Caribbean, I was unable to complete the next installment of TV ANTENNAS: FACTS, FADS, AND FANTASIES. The series will continue next month with log periodic antennas discussed. The March column involves Channel 1.

CHANNEL 1 REMINISCING

Letters received as a result of the history of channel 1 article (see February, 1971, Techni/Corner) continue to dribble in. Most are the "I enjoyed your article type"; others mentioned how the article brought back memories of those good old '40s. Whatever enjoyment you received, I certainly appreciate your comments.

Parts of two of these letters are reproduced here because they do fit together a few more pieces in the jumbled channel 1 puzzle. These particular letters are especially appreciated.

From Ray Bell, 413 Burton Ave., Washington, Pa., comes the following: Ray had two sets with a channel 1, a RCA and a Tele-King. The Tele-King is still working, but the only thing Ray ever picked up on channel 1 was the Rome short-wave station via an image.

Ray recalls how commercial TV started July, 1, 1941, with 525 lines. Channel 1 was 50-56 mhz, with hams at 56-60 mhz. After the war the 1945-46 allocation set channel 1 at 44-50. Broadcasting Yearbook of 1946 lists only six stations on the air: WCBW-2, WNBT-4, WABD-5 in N.Y.; Schenectady WRGB-4; Philly WPTZ-3; and Chicago WFTB-4.

The 1947 Yearbook lists many stations. The only station ever assigned Channel 1 44-50 mhz and given call letters was KARO Riverside, Cal. (KPRO-AM) Broadcasting Corp. of America at a kw. Ray does not know if the station operated. In 1948 and 1949 it was listed as channels 1 and 6. In 1950, it is gone. When the 1948 freeze occurred (to last until 1952), channel 1 was deleted and no new stations were licensed.

Thus, Ray claims that the official deletion of channel 1 allocation coincided with the freeze. Incidentally, Ray speaks with much authority since he has been active in TV since 1930.

From Dave Egan comes word that he had a 1948 Crosley with circular screen and a channel 1. Only CKVL, 850 on AM, has been received on channel 1. Dave also located an interesting magazine article about early day TV. Reproduced here is Dave's exact rewording used to condense "Television in 1941".

The following material has been extracted from THE PROGRESS OF SCIENCE, 1942, and has been condensed into the information below:

In 1941, television, which was 13 years old in the United States, emerged commercially for the first time. In 1940, the FCC had requested a group of men from the National Television System Committee to set some standards of operation for the new industry. By May, 1941, the FCC had accepted the 22 proposals and announced that beginning July 1, 1941, commercial stations would be allowed to operate regularly.

By October, 1941, there were eight applications granted for commercial TV stations: two in New York (WNBT; National Broadcasting Corp., WCBW, Columbia Broadcasting System) and one each in Chicago (WTZR, Zenith), Philadelphia (WPTZ-3, Philco), Los Angeles, Milwaukee, Hollywood, and Schenectady (WRGB, General Electric). It should be noted that WCBW, WNBT, and WPTZ were on the air in the summer of 1941, while WTZR debuted a little later, and the others were rapidly approaching regular operation by January, 1942. Also, WRGB may not have been the call letters used by the GE station in Schenectady, but they most likely were. Apart from these eight, there were 43 experimental stations in operation.

In 1941, television stations operated at least 15 hours each week, and programmed every day except Sunday. Also, commercial announcements were squeezed in at hourly intervals of one minute each. TV, what happened to that? Today there seems to be more commercials than programs on the air!

Scarcity of materials due to the war effort kept many people from buying TV sets in 1941. The largest audience was in New York, where 6,000 sets were in operation by January of 1942.

Technically speaking, the FCC in 1941 adopted the 525-line picture system, which replaced the old 441-line system, used previously. This, on the whole, improved detail in the television picture. Compare this to the 819 lines on the television screens in France.

Also in 1941 the FCC adopted the use of FM in transmitting the matching sound with the 525-line pictures. This produced clear sound that rejected much interference. England uses AM for its TV sound, which must be a pain when plagued by interference.

Color TV was being experimented with by CBS 32 years ago, but due to the war, technology in the field of color TV would have to wait several years, until the minds of men could be put back on the track of peaceful technology.

Donald G. Fink, then Research Associate in the Mass. Institute of Technology's Department of Electrical Engineering, wrote the information about television for this 1942 yearbook, and he said something which seems a prophecy from 1942:

"When materials and man power once more become available for civilian purposes; it seems likely that television, already set for expansion, may become one of the great industries of the country."

BEDFORD BROWN IS ALIVE AND WELL

Those friends of Bedford Brown -- champion TV DXer of the mid-50s and WTTFA member up to about a year ago -- need not worry if they haven't heard from him lately. Bed has relocated in Puerto Rico and currently forecasts weather for use by the airlines.

Bed has been a close friend for many years. While he lived in Chicago, Bed, my wife, and I spent many weekends together, full of fun, laughs, restaurantering, playing cards and tennis, and, of course, a little drinking.

Having returned from a splendid vacation to P.R., Virgin Islands, etc, most of it spent with Bed as tour guide, you-all will be happy to know that the southern gentleman is just fine. He hasn't changed a bit, as he still has that huge appetite for food, fun and laughs.

Bed's rigid work and vacation schedule (he still travels 6-10 weeks a year) leaves him little time for correspondence. A couple letters to a few old DX friends are about it.

Bed owns his own place in P.R., where he lives with his dad (Bed Sr.) after the untimely death of Bed's mother. The two Beds form a team that defies description. Bed Sr. is a 40 looking 63 years old. He kept up with us during our hikes, tennis, and drinking. Each of us polished off five Pina Colados at the end of a tour through the Ron Bacardi rum distillery, and Bed Sr. didn't even have a buzz on.

Chicago couldn't handle Bed Jr. I doubt if the entire Caribbean can hold two Beds. For in Chicago, Hot Springs, Ark., or P.R., the Bedford Browns are indeed beautiful people.

DX in P.R.? If you overlook rock solid locals on 2, 4, 6, and 7 through 12 (some translators), and semilocals on 3 and 5, the rest of the VHF spectrum is open. Obviously, Bed doesn't DX. But then, there are a few more interesting things for a 33 year old bachelor to do in P.R. than DX.

73's

Dave

FM FCC NEWS

Bruce F. Elving
3000 North Oakland Avenue
Milwaukee WI 53211

Something new has been added this month, as I now subscribe to "Information Canada," and have a few late Canadian station changes to report as a result. As predicted last month, FM translator activity is increasing with several new low-power retransmission units assigned. An FM translator can have up to 10 watts west of the Mississippi River, but is restricted to 1 watt east of that river. This is transmitter power and not ERP. Talking to Paul Stewart, president of WRVB (FM) Madison and W292AA Viroqua WI, I learned that they plan to petition the FCC for ten watts authorization east of the Mississippi for translators. W292AA, the nation's first FM translator, was to have gone on the air Feb. 9. I plan a test drive through the area in March and will report on W292AA's coverage.

Construction Permits - FM Stations

Tuscaloosa AL *91.7 10 w
Lake Havasu City AZ 95.9 2890 -294'
Ashdown AR 103.9 3000 h,v; 210'
Sarasota FL 105.5 3000 126'
Rochelle IL 102.3 3000 h,v; 181'
Brandenburg KY 93.5 3000 190'
Bel Air MD *88.1 10 w
Hattiesburg MS *91.1 10 w
Owego NY 101.7 1100 460'
Roanoke Rapids NC *90.1 860 h,v; 84'
Canyon TX *91.1 10 w

Construction Permits - FM Translators § = Stereo.

K221AB § Mariposa CA (Yosemite Valley) 92.1 10 w
[K221AB rebroadcasts KDFC 102.1 San Francisco]
K228AA § Mariposa CA (Yosemite Valley) 93.5 10 w
[K228AA rebroadcasts KFOG 104.5 San Francisco]
K292AA § Canon City CO 106.3 10 w [KRDO-FM 95.1 Colo.Sprgs.]
K221AA § Richfield UT 92.1 10 w [KALL-FM 94.1 Salt Lake C.]
K228AC § Richfield UT 105.5 10w [KSL-FM 98.7 " " City]
K224AA § Laramie WY 92.7 10w [KVOD 99.5 Denver CO]
K232AA § Laramie WY 94.3 10w [KLIR-FM 100.3 Denver CO]
K237AA § Laramie WY 95.3 10w [KOSI-FM 101.1 Denver CO]

Station Facilities Changes

Montreal, Quebec. CBF-FM and CBM-FM exchange frequencies;
CBF-FM is now on 100.7; CBM-FM on 95.1, both with 24,600
watts ERP, although CBF-FM has a CP for 100 kw at 818'.
San Fernando CA KVMF 94.3 to 3000 h,v; -72'
San Francisco CA K101 101.3 to 1170' (125,000 h,v)
San Jose CA KOME 98.5 adds Vertical (v)
Tulare CA KBOS 94.9 to 770 watts h & v, 2650'
Tampa FL WFLA-FM 93.3 to 930' (100,000 h,v)
Columbus GA WWRH 104.9 to 21' (3 kw)
Kailua HI KKAF 96.3 to 25,000; 2123'
Chicago IL WJJD-FM 104.3 adds Vertical (v)
Salem IL 100.1 to 2900 h,v; 150'
Richmond IN WGLM 96.1 to 50,000 h,v; 400'
Kansas City KS KCKN-FM 94.1 to 100,000 h,v; 460'
Glasgow KY WOVO 105.5 to 1000 h,v; 480'
Minneapolis MN KTCR-FM 97.1 § to 50,000 h,v; 150'
Kansas City MO KWKI 93.3 adds V
St. Louis MO KAD1 96.3 [note: not 96.5] 100 kw h,v; 200'
Buffalo NY WDFD *88.7 to 230' (770 watts)
New York NY WNYU *89.1 to 255' (8300 w, h & v)
Tulsa OK KRMG-FM 95.5 to 100,000 h,v; 300'
Suffolk VA WFOG 92.9 to 50,000 h,v; 480'
Seattle WA KRAB *107.7 to 45,000 h,v; 1190'

On the Air - Including New Canadian Stations

Charlottetown, Prince Edward Island [the first for this province!]
CBC-FM 103.1 59,200 (no stereo)
Drummondville, Québec, CFDM 104.3 50,000 (no stereo)
Helena AR KCRI 107.5 and power to be increased to 49,000; h, v;
260'. Arcata CA KXGO 93.5 220 w, h/v; 920'.
Merced CA KBDR *89.1 10 w (new calls, too)
Monticello IL WVLI 105.5 3000 h,v; 300'
Catlettsburg KY WCAK 92.7 3000 h,v; 300'
Ann Arbor MI WCBN *89.5 10 w
Ossining NY WOSS *90.3 10 w
Goldsboro NC WFMC-FM 102.3 3000 h,v; 275'
Durant OK KHIB *91.9 10 w (call letters, too)
McMinnville OR KSLC *90.3 10 w
Edinburg TX KBFM 104.1 100,000 h,v; 320'
Laredo TX KOYE 92.7 3,000 h, v; 155'

Call Letter Assignments

Kelowna BC CJOV 104.7 (not CJOV-FM or CKOV)
Kentville NS CKWM 97.7 (not CKEN-FM)
Montreal, Que. CKMF 94.3 (from CJMS-FM)
Mobile AL WKSJ 94.9 (from WZAM-FM)
Palatka FL WWPF-FM 99.9
Murphysboro IL WTAO 104.9
Springfield IL WDBR 103.7 (from WTAX-FM)
West Frankfort IL WFRX-FM 97.7
Donaldsonville LA KSMI-FM 104.9
Annapolis MD WFSI 107.9 (from WXTC) Goes religious.
Flint MI WWCK 105.5 (from WMRP-FM)
St. Johns MI WRBJ-FM 92.1
Crookston MN KCUM *91.7
Pachogue NY WBLI 106.1 (from WBLI-FM)
Plainview NY WPOB *88.5
Gahanna OH WCVO 104.9 - Religious programming
Oklahoma City OK KKNK 92.5 (from KXLS)
Pittsburgh PA WQED-FM *89.3
Union City PA WCTL 106.3 (from WBVB)
Washington PA WJCR *88.3
Richmond VA WRXL 102.1 (was WRNL-FM)
Bellevue WA KBCS *91.1 MORE Calls on next page

Dual-City Identifications Granted:

WQXI-FM 94.1 Smyrna GA to Smyrna-Atlanta
WEAW-FM 105.1 Evanston IL to Evanston-Chicago
WGLD 102.7 Oak Park IL to Oak Park-Chicago
WWIZ 103.9 Mercer PA to Mercer-Sharon

Deletion

Sparks NV KFON 98.3

More Call Letter Changes —

Heber Springs AR	KANW-FM	96.7
Seaford DE	WSUX-FM	98.3
New Orleans LA	WEZB	97.1 (from WJMR-FM)
Cleveland MS	WCLD-FM	103.9
Dillon MT	KDEM-FM	98.3
Oklahoma City OK	KAFG	102.7 (from KJEM-FM)
Sturgis SD	KBHB-FM	93.1
Vernon TX	KVWC-FM	102.3
Berlin WI	WISS-FM	94.3 (to move to 102.3)

Dennis Smith reports KUSC *91.5 Los Angeles is far from dead, and is appealing to listeners for funds to go stereo. The FCC confirms KUSC's continuing viability.

Robert Baker, Humboldt, Iowa, sends information on the new 2000' tower at Alleman, Iowa. FM stations on the tower will be WHO-FM at 1700' radiating 100 kw V and 87 kw H. At about 1500' is WOI-FM \$ with 100 kw h & v, making WOI-FM, in terms of coverage, one of the most powerful public FM radio stations in the country. WHO-FM is on 100.3; WOI-FM 90.1. In about a year, KRNT-FM (and TV) will build another 2000 foot tower about a half mile from the WHO-FM-WOI-FM tower.

More CPB News: The West Virginia Educational Broadcasting Authority has announced that two applications were filed with the FCC for Fairmont College with 4220 watts, and a 10,720 watt station in Raleigh County, southwestern WV. WVBC *90.1 Bethany and WMUL *88.1, both 10-watters, have applied for increased power.

Gil Morgan writes that XHOK 100.1 Tijuana, Mexico, went off the air in early December, replaced Jan. 13, 1972, with XHERS "Hers Radio," automated all English rock; same studio as XHIS, Royal Inn at the Wharf, San Diego; 24 hrs. but off Monday mornings at 2 a. m. PST. XHERS stronger than XHOK was — 100 kw plus? "What next?" muses Gil.

Allen Rockford, who works at WONO 107.9 Syracuse NY, writes that anyone hearing WONO wanting a verification should write to him. WONO is the only all-classical stereo station on 107.9, and even though announcements are not given frequently the station should be easy to recognize. He also mentions that WCNV-FM Syracuse on *91.3 is on with about 8 hours of classical music, plus additional hours of public affairs, news, and other types of music, including rock and jazz.

Here's more news about various public radio stations I've pulled together from a variety of sources: WGUC *90.9 Cincinnati receives music production grant from the CPB. As of Feb. 1, 1972, as a result, WGUC was to have embraced a 6 a. m. to Midnight schedule seven days a week. WAER *88.3 Syracuse NY is now on 24 hours a day, 7 days a week, but no word whether this includes periods when Syracuse University has its academic vacations. WPGU 107.1, a commercial station run by students of the University of Illinois, is now in stereo. WUHY-FM *90.9 Philadelphia had a budgetary problem and has cut back its hours to a noon to midnight schedule. Similarly, WUWM *89.7 Milwaukee operates only from 1 p. m. to 1 a. m. because of budgetary problems. Both stations formerly signed on early in the morning. KSWT 107.7 "K-Sweet Music," is in stereo 24 hours a day with 52,131 watts h & v, 460'.

One of my FM ATLAS customers, William O. Dickerman, Williamsport PA, reports that WBPZ-FM 92.1 Lock Haven PA is not and never has been stereo, while WMPT-FM 99.3 South Williamsport PA is. WRFY 102.5 Reading PA is presently testing their high power transmitter, and expect to switch over to it in mid-March [42 kw h, 32 kw v; 538']. Similarly, WAVT 101.9 Pottsville PA is awaiting equipment and will go higher power in a month or two [29 kw; 540']. WMPT-FM is awaiting arrival of a new transmitter and, in the meantime, is operating at slightly reduced power.

Speaking of lower power, a former employee of WGLB-FM 100.1 Port Washington WI says they are a bad operation, and get out with only about half their authorized effective radiated power of 3000 watts. Other stations known to chronically operate with less than their legal power are WWLA 93.3 La Crosse WI and WGGP 105.1 Duluth MN.

KMUW *89.1 Wichita KS operates 9 a. m. to 1 a. m. Mon. through Thursday; 9 a. m. to 6 a. m. Friday and Saturday [including the following day's early morning], and Sundays from 9 a. m. to 1 a. m. Monday. J. Alex Bowab reports that the new WKX1 *94.7 Jackson MS is on the air and looking for reports, operating 5:30 a. m. to 1:30 a. m.; 24 hours on Fridays and Saturdays. Format is all black-oriented with soul in stereo, "with a smattering of compatible jazz." Alex is president and operations manager, and a DXer himself.

Dennis Smith reports that KXFM 99.1 Santa Maria CA has been off the air a long time and is still off. KOCN 104.9 Pacific Grove CA has a poor transmitter location and is on and off erratically, now being sold. KPER 94.3 Gilroy is on a 3000 foot mountain with 90 w ERP; they get out until you get over a ridge! KKUP *91.5 Cupertino (10 w) on a mountain has a solid signal in Monterey! XETRA-FM 91.3 Tijuana is low powered and non-stereo (although XETRA-AM has stereo). XHRM 99.3 Tijuana is all-Spanish and never seems to announce with call letters—just "Radio Moderna," with MOR-type music.

Help! Nobody has come forward to tell me where Mandaree ND is, where a new 10-w station has been granted on *88.1.

Glenn Hauser reports that KOSU *91.7 Stillwater OK on Dec. 8 boosted its power to 100,000 (h only), 440', and is on the air Mon.-Sat. 6 a. m. to Midnight; Sun. 11 a. m. to Midnight. They have all new equipment donated by HEW, and are the 100th National Public Radio affiliate.

The Corp. for Public Broadcasting announces awards to upgrade the following public radio stations to fulltime operation and improved equipment: WBEZ 91.5 Chicago and WBOE 90.3 Cleveland. New stations to be applied for in Oklahoma City, Norfolk and Rochester [NY] will be given grants for full-service operations. WMBI-FM 90.1 Chicago is appealing to the public for funds to go stereo, and produce such programs as "Unshackled" in stereo.

FM - DX

Editor: Roger W. Winsor
718 N. Fremont Road
Valparaiso, Indiana
46383

Deadline 10th of the month.

Glen Hauser Von Ormy TX (PSC Box 4230 9, Kelly AFB TX 78241 CST

Gulf tropo seems to have been hitting on the average of once a month, but in January the opening was down to less than a 12 hour period. Strangely, no FM Es at all this January. Best catch of the period was the 2.5kw Roanoke, Alabama station on 95.3 at 825 miles.

1/22	0809	98.1	KTAL	Vivian LA	370	cw/K tall FM ID
	0811	106.5	KOOL	Jacksonville TX	270	Tyler TSO, ID K one\$ radio in Jacksonville.
1/23	2146	89.3	WPCS	Pensacola FL (AL)	660	Inspirational msg.
	2225	91.7	KTRU	Houston TX	200	Poverty/Vista PSA; 0102 ug rr, then s/off msg w/percns; low stn
	2230	107.1	UnID			rx heads, no ID, "\$ Serenade"
	2231	106.7	WKYV	Vicksburg, MS	505	Usual
	2231	94.7	WKXI	Jackson, MS	530	MRN nx
	2232	95.1	WQNZ	Natchez MS	460	Usual
1/24	0022	94.9	WAVO	Decatur GA	895	"Way voh" ID, wx
	0522	94.5	KSMB	Lafayette LA	400	mention Lafayette
	0535	95.3	WLRY	Roanoka AL	825	ID, PSA, listed as WELR, but didn't sound like it.
	0537	96.1	WKLS	Atlanta GA	890	"Midnight Sun" restaurant ad (I've been there)
	0540	100.3	WNSL	Laurel MS	585	Schwartzfigger Ford in twm 4/8kw, KBER still off MM
	0545	100.7	WCOA	Pensacola FL	N 690	"WCOA comment"
	0558	93.9	WMTM	Moultrie GA	N 895	State farm ad, KSIX o/fast
	0601	95.1	KTRM	Beaumont TX	270	s/on, still 3100 watts
	0605	89.3	WPCS	Pensacola FL	660	Devotional
	0617	99.7	WMC	Memphis TN	650	Jack Panell show, ID; 0644 PSA, maybe a diff. stn.
	0639	99.5	KLCL	Lake Charles LA	330	End NBC nx, local nx,wx.
	0710	88.9	WKES	Chattanooga TN	875	Sermon
	1229	98.1	WAFB	Baton Rouge LA	455	ID; mobile at Kelly AFB!
	2040	93.7	XHNOE	Nuevo Laredo Tams	N 135	local ads in SS, associated w/frontal passage o/KTBC, down by 2055

Until the next, 73 de Glenn....

Jim Hayes 9 Henry Street

Wilkes Barre, Pennsylvania 18702

WCLH 90.7 began broadcasting on Sunday February 6 at 6PM. Studios are located at Wilkes College. Power is 125 watts, although they don't sound like much here, hi. Programming is mainly cultural including operas, old time radio type programming, with a sprinkline of public affairs. On weekends they give the student body a treat and play rr favorites. Station broadcasts from 6PM to midnight. This format contrasts to WRKC's whose is basically rock. During the great Es opening of 12/10 I heard WIOD 97.3 FL at 5:30 PM. Also heard were tentatives WOCN 94.9 and WEDR 99.1, both Miami. Slight traces of tropo on 1/13 with WIOQ 102.1 PA in at 11:18AM.

Bruce R. Rummel R. D. 4 Box 385 Fleetwood, Pennsylvania 19522 EST

This report covers Nov. 15, 1971, to Feb. 7, 1972, Present log totals 22 from 17 states, DC, PQ, ON and Bermuda. 37 via Es. My DX equipment is Heath AJ 15 with a longwire antenna. 11/15 2201 Aircraft scatter (AS) WJAC 95.5 Johnstown PA 166. 11/16 0220 AS WEEP 107.9 Pittsburgh w/cw 226. 11/22 0030 Tropo WDLG 96.7 Port Jervis NY \$ MoR testing, local WWDB off 83. 11/28 2355 tropo WVIP 106.3 Mount Kisco w/s/off 121. 11/29 0045 tropo WWRJ 95.3 Southampton LI \$MoR full quieting 178. 12/5 1128 AS KDKA 92.9 Pittsburgh mx, wx, ID, 1330 GW WRHY 92.7 Starview PA new local sked 0800 to 2300 in mono w/rr 52, 1645 AS WCNY 91.3 in Syracuse NY 178. 12/8 2258 AS WRFK 106.5 Richmond VA non Comm. sermon o/WMAL 226, 12/9 0400 Tropo WBPZ 92.1 Lock Haven PA, oldies, ID nx 100. 12/10 1753 Es WUSF 89.7 Tampa FL perfect quieting to 1804, no other activity on FM, but cci on 2,4,5 unID to 1820. 12/15 0415 MS WDIZ 100.3 Orlando FL Drake ID 880, 12/24 1647 AS WISL 95.3 Shamokin PA \$MoR ID 43, 12/26 2045 AS WBUF 92.9 Buffalo NY ID o/mulled WYZZ. 1/24/72 2033 Tropo WVHC 88.7 Hempstead NY late canned ID 114. 2/5 0808 MS WPVR 94.9 Roanoke VA closest IDed on MS at 315. 2/6 1900 AS WCLH 90.7 Wilkes Barre \$ jazz o/WFUV, 2230 AS WLYN 101.7 Lynn MA heavy nx, ID, local WBJH off 2 days 281 and finally 2/7 2100 AS WPIT 101.5 Pbgh gospel mx, ID. Despite poor antenna, mountains and locals here in "NSP valley", some very nice wintertime catches. I waited so long to hear WCLH, WISL and WBPZ. Wished WBJH would ID on some of its 3 hour long OC stretches or even ID their FM instead of "Big Bud" at the proper times. On the local scene WXTC is now owned by Family Stations, Inc. (religious tape/program network) and on Feb. 1 came on at 0545 with new call WFSI. Runs 0545 2400 daily. Local WFME, WKDN both NSP! 73.

Ronald J. LeBlanc 2524 Arizona Drive Marrero, Louisiana

DX conditions have been beautiful for this time of year. We have only had one freeze this year so far. Temperatures have been up in the 70 and 80s. We had a nice opening the weekend of 23 and 24. I logged 37 new stations that weekend. All stations received are by tropo, new ones underlined. 1/9 KJFT 107.7 TX. 1/10 1900 WTUL 91.5 local finally realized they were on the air, Tulane U. low. 1/12 2000 WSWG 99.1 MS, 2005 KAGH 104.9 Crossett AR, 2015 WBAQ 97.9 Greenville MS. 1/13 1900 KPFT 90.1 TX, 2130 KQUE 102.9. 1/16 KYN D 92.5 TX. 1/22 0930 WTAM 102.3 Gulfport MS, 2000 KRLY 93.7 Houston, 2020 KAUM 96.5 same, 2047 KGBC 106.5 Galveston, 2051 KNRO 106.9 Conroe TX, 2300 KAYD 97.5 Beaumont, 2347 KPUP 97.7 Kingsville TX, 2407 KRBE 104.1 Houston, 0230 KRMH 103.7 San Marcos, 0258 WPEX 94.1 FL, 0301 KODA 99.1 Houston. 1/23 0703 KOOL 106.5 TX, 0728 WTAW 92.1 College Sta. TX, 0738 KITY 92.9 San Antonio, 0740 KIVY 92.7 Crockett TX, 0745 KLIS 94.3 Palestine TX, 0758 KLYX 102.1 Clear Lake City TX, 0829 KUT 90.7 Austin, 0732 KFAD 94.9 Arlington TX, 0835 WFAA 97.9, 0845 KNOK 107.5 Ft. Worth, 0848 KIXL 104.5 Dallas, 0850 KBOX 100.3, 0930 KEXL 104.5 San Antonio, 0950 KWKH 94.5 IA, 1001 KIEF 94.5 Houston, 1019 WBAP 96.5 TX, 1038 KNUS 98.7 TX, 1105 KOUL 103.3 Sinton TX, 1900 KBPO 94.1 TX, 1915 KNCT 91.3 Killeen TX, 1948 KZFM 95.5 TX, 2000 KTBC 93.7 Austin, 2043 KIOU 96.5 TX, 2105 KROB 99.9 TX, 2120 KWTX 97.5 Waco, 2135 WFFF 96.7 Columbia MS, 2200 KNBT 92.1 New Braunfels TX, 2215 KVCL 92.1 Winnfield IA, 2236 KMAG 99.1 Ft. Smith AR, 2258 KGCC 89.7 Denison TX, 2329 KYLE 104.9 Temple, 2335 KDNT 106.1 Denton, 2430 (???) RWW KSFA 92.1 Nacogdoches TX, 1/24 0100 KRBE 104.1 TX, 0130 KOAX 105.3 Dallas, 0138 KCWM 99.5 Ft. Worth, 0147 KTFM 102.7 San Antonio, 0150 KCAW 93.3 Pt. Arthur, 0200 KNCB 105.7 Houston, 0705 KWPM 93.9 West Plains, MO, 0713 WAPI 94.5 Birm. AL, 0727 KARK 103.7 Little Rock, 0729 WLSM 107.1 Louisville MS, 0730 KASU 91.9 Jonesboro AR, 0805 WCRT 96.5 AL, 0830 KGAF 94.5 Gainesville TX, 0850 KVLG 104.9 TX, 0935 WRAS 88.5 GA, 0940 WREK 91.1 GA, 0953 WBRC 106.9 AL, 1030 KTBC 93.7 TX, 1031 WVNE 98.7 Vicksburg MS. Well, it's been 14 days now since the last good opening and the only new thing is WLPR 96.1 AL on 2/5 @2150, so I'll close for now, till next month. 73s.

note:
new address

WORLDWIDE TV FM DX ASSN
P.O. BOX 163
DEERFIELD, ILLINOIS 60015



1st
Class Mail

J. J. Rosenberg
47 Pannakill Rd
DOWNSVIEW, 475, ONTARIO
Canada

