

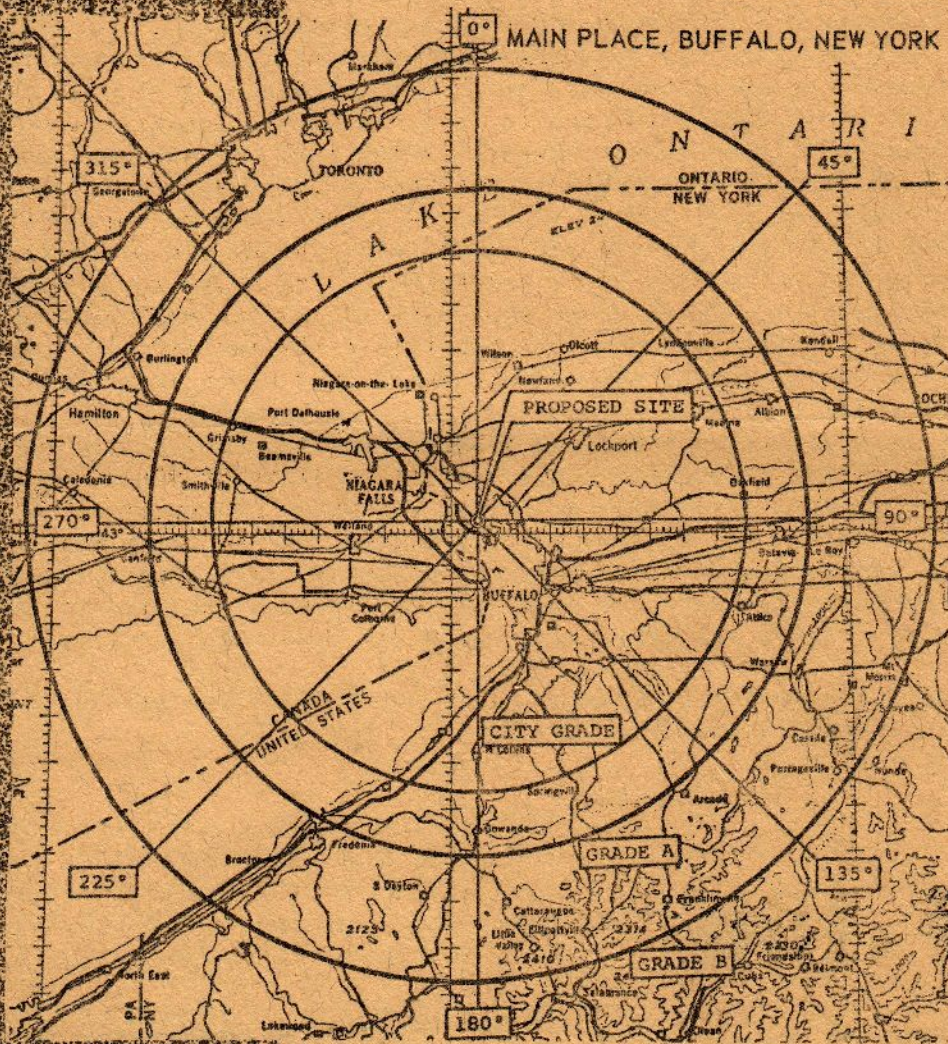
# VHF-UHF DIGEST



**WUTV-29**

ULTRAVISION BROADCASTING COMPANY

MAIN PLACE, BUFFALO, NEW YORK 14202 • 716/854-0029



## FACILITIES

Video: 1,040,000 watts E.R.P.

Audio: 104,000 watts

Antenna Height: 955 feet, above average terrain

Transmitter: Grand Island, New York

## SERVICE FACILITIES

RCA 16 mm color film projectors.

RCA TK44 color studio cameras.

RCA special effects including Chroma-Key and

Tape Editing Programmer.

RCA TR 70C high band color VTR and animation

editing facilities available.

RCA 2 x 2 color slide projectors.

# HQ NEWS

BACK-ISSUES AVAILABLE: DECEMBER 69 AND FEBRUARY 70 TO DATE.

WHAT YOU SEE IS WHAT YOU GET: COLUMNS NOT RECEIVED ARE COLUMNS NOT PUBLISHED. TWO EDITORS DIDN'T COME THROUGH THIS MO.

PUBLISHING ACCOMPLISHED THIS MONTH BY THREE MILWAUKEE ANS: FERDIE DOMBROWSKI, DAVE JANOWIAK, AND BRUCE ELVING. OTHERS ON THE STAFF NOT PRESENT WERE BILL HEUSMANN, GARY OLSON, AND MORRIE GOLDMAN--THE ARMY'S GAIN WILL BE WTFDA'S LOSS SOON.

BY FERDINAND S.  
DOMBROWSKI, JR.

EDITORS NOTE: EDITORS WHO PURCHASE YOUR OWN STENCILS, PLEASE CAN YOU OBTAIN A QUOTATION FOR US ON 10 QUIRES W/SHIPPING.

COMMUNICATIONS WORLD JANUARY ISSUE IS ON THE NEWSSTANDS NOW. HALF THE PUBLICATION IS DEVOTED TO THE FIRST WHITE'S RADIO LOG IN ONE VOLUME SINCE 1963..NOT THAT THE LOG HAS IMPROVED ANY, BUT THEY FINALLY GOT IT ALTOGETHER IN ONE VOLUME, AND WE RECOMMEND BUYING IT TO HOLD YOU UNTIL THE NEXT WTFDA LISTS APPEAR LATER THIS YEAR; (DATE NOT YET SET.) THE EDITORS INJECTED A FE NOTES OF HUMOR IN THE PAGES AS WELL. WHITE'S LOG IS DESCRIBED AS "A GREAT \$4.50 BARGAIN THAT CANNOT BE HAD ANYWHERE ELSE." (I CERTAINLY HOPE NOT.) I STILL CAN'T UNDERSTAND WHERE THEY GET THIS \$4.50 FIGURE, AND CALLING IT A BARGAIN BESIDES. JONES LOG COSTS ONLY \$2.95 AND IS 10 TIMES MORE A BARGAIN THAN WHITE'S EVER WAS SINCE THE CURRENT PUBLISHER TOOK IT OVER 13 YEARS AGO. ONE EXPLANATION IS THAT WHITE'S IS THE ONLY \$4.50 BARGAIN AND JONES IS THE ONLY \$2.95 BARGAIN, AS MORRIE EXPLAINS IT.

THE PUBLISHER ALSO REFERS TO "RADIO-TV EXPERIMENTER WHICH LATER BECAME THE POPULAR SCIENCE & ELECTRONICS." IF S&E WAS SO POPULAR WHY DID IT CEASE TO EXIST IN A YEAR, AND WHY IS COMMUNICATIONS WORLD DESCRIBED ON ITS COVER AS "FORMERLY RADIO-TV EXPERIMENTER? REALLY NOW, HOW NAIVE DO YOU THINK A DXER CAN BE? ADDED PROOF THAT MADISON AVENUE THINKS THE AVERAGE AMERICAN IS A GULLIBLE IDIOT WHO WILL BUY ANYTHING IF IT IS DESCRIBED AS A BARGAIN, MARKED DOWN FROM A PRICE THAT NEVER EXISTED, DESCRIBED AS A NEW MIRACLE OF THE SPACE AGE, ETC., ETC.

IN A SIMILAR VEIN, THERE WAS A REVUE OF COMMUNICATIONS HANDBOOK IN ANOTHER CLUB'S BULLETIN SAYING IN SO MANY WORDS THAT ITS A WASTE OF MONEY. SORRY I DON'T HAVE THE EXACT QUOTE AT HAND BUT I BELIEVE IT WAS IN THE ASHLC BULLETIN. IN EFFECT, THE COMMENT SAID THAT RICHARD WOOD'S ARTICLE IS EXCELLENT AND SHOULD BE READ BY ALL RADIO DXERS. BUT OTHERWISE, IF YOU HAVE ANY PREVIOUS ISSUES OF CH, SAVE YOUR MONEY SINCE THE REST OF THE PUBLICATION IS PRETTY MUCH THE SAME. CH (PUBLISHED BY PE) IS NOT TO BE CONFUSED WITH CW (PUBLISHED BY SCIENCE AND MECHANICS) WHICH WAS DISCUSSED EARLIER.

TWO MEMBERS RECENTLY REPORTED NON-RECEIPT OF RADIO TODAY THE PAST SEVERAL MONTHS SO IT APPARENTLY HAS ALREADY CEASED PUBLICATION.

## VHF-UHF DIGEST

THE OFFICIAL MONTHLY PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION. PUBLISHED ABOUT THE FIRST OF EACH MONTH AT CLUB HQ. MAKE CHECKS PAYABLE TO THE W.T.F.D.A. AND SEND TO HQ: BOX 5001, MILWAUKEE, WI. 53204.

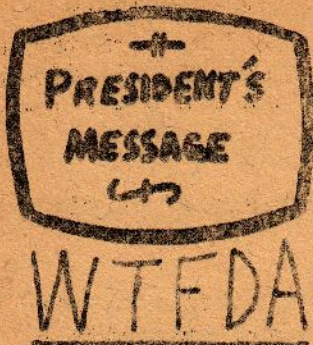
### REGULAR EDITION:

\$4.50--ONE YR.  
\$8.50--TWO YR.  
(IN CANADA, USA, &  
MEXICO: US FUNDS).  
FOR FIRST CLASS,  
ADD \$2 PER YEAR.

### OVERSEAS EDITION:

\$3.50 PER YEAR OR  
EQUIVALENT IN OTHER  
CURRENCIES. (TRIAL  
SUBSCRIPTION: \$1.50  
FOR 5 MONTHS.) SPEC-  
IAL ARRANGEMENTS ON  
REQUEST IF YOU CAN-  
NOT REMIT BY CHECK  
OR CURRENCY OF YOUR  
COUNTRY, AND WISH TO  
SEND OTHER ITEMS OF  
VALUE IN LIEU OF \$.

PLEASE INFORM HQ PROMPTLY OF CHANGE OF ADDRESS. THIRD CLASS IS NOT FORWARDABLE AND 30¢ REMAILING FEE WILL BE CHARGED IF NOT NOTIFIED IN TIME.



# MORE COMMENTS

MORE MAIL HAS BEEN RECEIVED FROM MEMBERS WHO FEEL AS I DO THAT WE WERE SCREWED BY PUBLISHERS. SO HERE THEY ARE:

FROM FRANK ADEN:

"I AM A SUBSCRIBER TO PE AND WHEN IT GOES OUT, THATS IT; I KNOW A FEW PEOPLE WHO HAVE OR WILL DO THE SAME. WHAT I DIDN'T LIKE WAS THE QUICK ANNOUNCEMENT THEY MADE: ONE MONTH WARNING. I THINK IF THEY REALLY CARED ABOUT THE DXERS, THEY WOULD HAVE TOLD ABOUT THEIR PLANS AT LEAST  $\frac{1}{2}$  YEAR AHEAD OF THE CHANGE. I WAS ALSO PLANNING TO GET

A SUBSCRIPTION FROM S&E AND ONLY FOUND OUT ABOUT IT CLOSING DOWN FROM WTFDA. LUCKILY, .....THE TRANSFERRING OF SUBSCRIPTIONS TO EE IS RIDICULOUS. THEY SHOULD REFUND THE MONEY, FOR IF THEY HAVEN'T THEY HAVE SCREWED THE SUBSCRIBERS."

FROM AMBROSE MAXIM:

"....I AM 100% BACK OF YOU AND MY OPINIONS ARE THE SAME AS YOURS. AFTER 10 YEARS WITH PE I WILL NOT RE-SUBSCRIBE. IN FACT I WROTE FOR THE BALANCE TO BE REFUNDED; RECEIVED A CARD SAYING WOULD TAKE 6 WEEKS TO PROCESS MY REQUEST. SO JANUARY PE IS MY LAST COPY, END OF SUBSCRIPTION.....TO ME, MR. FERRELL SHOWS HIS POOR TASTE: 'UNDOUBTEDLY THE INDIVIDUAL WHO WROTE THE EDITORIAL IS FAR TOO IMMATURE TO REALIZE' AND 'CHILDISHNESS BEYOND DESCRIPTION', AS I'M SURE MOST OF YOUR READERS KNOW THIS IS UNTRUE." (HOPE YOU

DON'T MIND ME QUOTING YOU.) AMBROSE GOES ON TO SHOW THAT PUBLICATION FIGURES INDICATE A DROP IN CIRCULATION AS OF OCTOBER 1ST, BUT THIS MAY BE ATTRIBUTED TO A PRICE RISE AND NORMAL FLUCTUATIONS BESIDES THE DROPPING OF ALL DX COLUMNS.

FROM ALBERT ELLIS:

"MY FEELINGS ARE TOUCHED WHEN READING ABOUT YOUR BEING 'TOOK'. THIS SORT OF THING HAS BECOME TOO D--- COMMON. DID NOT REALIZE TILL I READ YOUR LETTER THAT THE ZIFF PUBLISHING COMPANY WAS GUILTY OF THIS IMPROPRIETY... "I HAVE FOR SOME TIME BEEN A SUBSCRIBER OF STEREO REVIEW. SOME YEARS AGO I WROTE THEM ENCLISING A COPY SUPPLIED BY OUR POSTAL AUTHORITIES OF A MONEY ORDER SENT A TAPE CLUB IN NEW YORK. THEY TOOK ME AND DID NOT EVEN ANSWER MY LETTERS. SO I WROTE SR AND LET THEM KNOW WHAT KIND OF GONOPHS THEY WERE ADVERTISING. NO ANSWER, BUT MY SUGGESTION THAT THEY WERE USING THE MAILS TO DEFRAUD MUST HAVE DONE SOME GOOD AS THE GUILTY FIRM REMOVED THEIR AD, AND IN TWO MONTHS TIME SHOWED UP IN PHILADELPHIA. AT LEAST IT LOOKS AS IF THIS IS THE SAME CLUB: SAME FORMAT, A FIN AND YOU ARE A MEMBER FOR LIFE SORT OF THING WITH ALL THE USUAL DISCOUNTS. I DID AT FIRST FEEL IT WAS A SUCKER AD; IT WAS, AND I WAS. WELCOME TO THE CLUB. AS YOU STATE, WHEN PUBLISHERS GET INTO THE ACT ITS JUST TOO BAD." (I'M WITH YOU THERE, AL. I'VE BEEN TAKEN BY ADVERTISERS, TOO, AND WHEN I COMPLAINED TO THE PUBLISHER THEY DIDN'T EVEN HAVE THE COURTESY TO REPLY. THE ADVERTISER REGULARLY HAD ABOUT 3 PAGES (IN EACH ISSUE) SO I WAS NOT SURPRISED TO NOT RECEIVE AN ANSWER. I DECIDED TO DELETE SOME OF YOUR MORE CAUSTIC COMMENTS TO AVOID LEGAL ACTION OR FIRE BOMBINGS OR WHATEVER. HOBBY PUBLICATIONS HAVE DONE US SOME GOOD ON OCCASIONS SO THEY AREN'T ALL BAD. NO ONE SEEMS TO HAVE ANYTHING GOOD TO SAY WHEN SOMETHING BAD COMES UP. HOWEVER. BUT THATS HUMAN NATURE, THEY TELL US.)

THREE TELEPHONE CONVERSATIONS HAVE ALSO BEEN "RECEIVED" BUT I'D LIKE TO ASK THE MEMBERS TO PUT THERE COMMENTS IN WRITING SO I GET IT EXACTLY RIGHT WHEN PUBLISHED. IF YOU DON'T WANT YOUR NAME USED, PLEASE TELL US THAT ALSO.

A LATE LETTER WAS JUST RECEIVED FROM MORRIE GOLDMAN: "BASICALLY I HAVE ONE MAIN COMPLAINT WITH THE EDITORIAL...THAT BEING IT WAS UNSIGNED. ALL EDITORIALS SHOULD BEAR A SIGNATURE OR SHOULD NOT BE USED AT ALL." (SORRY ABOUT THAT; I ASSUME EVERYONE KNOWS ITS MY WRITING UNLESS SPECIFIED OTHERWISE, AND THAT NO EDITORIAL IS OFFICIAL CLUB POLICY.) MORRIE GOES ON: "I ALSO FEEL THAT IF A PUBLISHER DEEMS IT NECESSARY TO CHANGE A MAGAZINE ZINE FORMAT...HE SHOULD NOT BE CONDEMNED. HOWEVER, I DO FEEL THAT A SUBSCRIBER SHOULD BE ABLE TO TERMINATE HIS SUBSCRIPTION AT ANY TIME, FOR ANY REASON AND RECEIVE CASH CREDIT FOR THE BALANCE DUE." MORE COMMENTS WELCOME FROM ALL INTERESTED DXERS. FSD

# VIDEO LINES

A General Information  
Feature for For TV-DXers

Morrie Goldman  
5815 N. Christiana  
Chicago, IL 60645

Recently, I discovered an interesting reference source which should be of value to any TV-DXer.

If you can for a moment, try to imagine a TV station listing that not only provides the usual data, such as power, antenna height AAT, network, transmitter site location, station staff, etc., but also lists sign on / sign off times, days and times for many locally originated programs, types of color sources, state media maps, state networks and other valuable information for virtually every commercial television station in the United States! The surprising thing is that this source has been available for quite a number of years. The reference book that I speak of is Standard Rate and Data - Spot Television. This, as all SRDS reference books, is designed to provide advertisers with advertising rates, but also is a storehouse of information for the DXer. And incidentally, there is a similar SRDS book (Spot Radio) which includes FM station information.

Since SRDS books are published monthly, (ad rates change that fast!) "out of date" books can be purchased at a reduced rate of \$3 post paid. According to the SRDS circulation department, "out of date" books are usually no more than three months old!

To order, just send \$3 to Standard Rate and Data, Inc., Circulation Dept., 5203 Old Orchard Road, Skokie, Illinois 60067. Be sure to specify whether you want the radio or television book, and that the \$3 is for an "out of date" edition.

.....

The new Heathkit solid state color TV sets look most interesting from the DXer, as well as consumer point of view. Since I'm a part time employee of the Heath Company, I've had a chance to examine the new models inside and out since they first became available late last year.

Improvements over past sets include greater video resolution, self servicing with modular boards and built in test instruments, improved automatic color control and new tuners. The VHF tuner employs an RCA dual gate MOS FET for very low noise, excellent overload protection and higher usable sensitivity. Tuner contacts are Gold/Nioborium. Memory fine tuning, standard. The smooth operating UHF tuner is a major change, in that hot-carrier diode design is employed for much improved UHF sensitivity. A video amp bandwidth control is also featured.

From my own tests and observations, I also found the new sets to produce color with very little signal, while Heath tube models were only displaying black and white.

The kit is easier to build than the earlier (already easy) tube models, but does take a bit longer to construct. Construction time for a kit builder with moderate experience is from 40 to 50 hours.

Further information is available from the Heath Company, Hilltop Road, St. Joseph, Michigan 49022. If you have any questions on the Heath SS TV's, or any other Heathkits and would prefer contacting me, I will do my best to answer as fully as possible, and without bias.

.....

Video Lines, at this time will not be a regular VUD feature. Your comments, including for a column name change would be appreciated! 73 & Best DX, Morrie

# THE EUROPEAN SCENE

Roger Bunney, Trelawne, Cupernham Lane, Romsey, Hants, SO5 8JH, England

The sunspot details for November are:							Predictions for the next six months:		
1st	79	9th	75	17th	128	24th	75	Dec.	88
	75		76		128		60	Jan.	86
	72		95		125		63	Feb.	84
4th	76	12th	87	20th	126	27th	72	Mar.	82
	61		98		112		87	Apr.	80
	87		108		103		76	May	78
	84		118	23rd	94	30th	101		
8th	67	16th	126						

The mean average daily count for the month was 91.1

There is a well-known saying, 'No news is good news'. When applied to TV-DX, this falls flat. Conditions in the UK for this period have left much to be desired.

Nov.	Dec.
16- ORF E4; Sweden E2, E4	1 - Es, EBU test bar, O1 (TVP?)
18- Sweden E2, E4; BRT E2	7 - MS, DFF E4, and unIDs
21- Czech O1	9 - DFF E4; W. Germany E4
26- W. Germany E4	11- DFF E4; Czech O1; TROPO- NOS E4, E6; BRT E2
28- BRT E2	12- Geminids- DFF E4; ORF E2a, E4 + unIDs
29- BRT E2	

F<sub>2</sub> activity has declined somewhat over the past month. Over the 14th-15th, police, etc., communications were noted from the U.S. up to 40 mc, and paging activity was apparent on many days. Nothing outstanding was noted, the usuals were in, KIY508, KGC223, KEC519, KGC400. KCC482, Concord, NH, was noted a couple of times. One new pager noted this day (12/13?), from Worcester, MA.

Our friend in Cyprus, A. Papaefthychiou, has had a further success with TE. He has confirmed, from local commercials, that his reception was from an unlisted Rhodesian E2 transmitter. From his comments they use a small check-board test card. (This is one using small black squares; used quite a bit over here) He comments reception is limited to a period just before to just after sunset. During the past couple of months, Bulawayo, E3, has been received.

TV DX loggings in the UK have not been assisted by a current power crisis. This has resulted in cuts in power, voltage reductions up to 6%. Fortunately(?), the electricity supply authorities have worked a quota system, so that in any one area there will be no more than three days of cuts per week. The cuts can be three hours at a time. On one day there were totalling ten hours of cuts in Romsey. The studios where I work were taken off the air for a short time, until emergency generators took over. Some TV transmitters in the UK were off the air, and various studio centres were also affected.

A new transmitter started up in this area, Radio Solent, on 96.1 mc. This has an ERP of 5kw, and will cover most of the Solent area. This is operated by the BBC, known as local radio. This will have locally originated programmes, together with extensive programmes from the National Radio, Radios 2, 3, and 4. This is the answer to the considerable cry for local commercial radio, and brought in by the old Labour government. The present Tory government have expressed the idea of these radio stations going commercial.

The ORTF, French TV have gone one commercial, using a similar form of advertising to commercial TV in the UK. That is, advertising in breaks during long programmes and in the gaps between each programme. No programme is sponsored, and advertising must not exceed seven minutes in any hour. ORTF follows this except they will not break into a programme.

Regarding the proposed commencement of South African TV, an English facility company has recently dispatched equipment for a TV set-up in Johannesburg. They are anticipating the start of TV within two years. (A facility company is an outfit that provides both OB and some studio facilities which are hired by broadcasting companies, advertisers, etc.)

With best wishes to you all for 1971, good DX,

Roger

Item	Quantity	Unit Price	Total
100	100	1.00	100.00
200	200	2.00	400.00
300	300	3.00	900.00
400	400	4.00	1600.00
500	500	5.00	2500.00
600	600	6.00	3600.00
700	700	7.00	4900.00
800	800	8.00	6400.00
900	900	9.00	8100.00
1000	1000	10.00	10000.00

The above items are for your information. The total amount is \$10,000.00.

Thank you for your order. We will ship the items to you as soon as possible.

Yours faithfully,  
 [Signature]  
 [Name]  
 [Address]

Enclosed are the items you ordered. Please check the quantity and quality of the items.

If you have any questions, please contact us at [Phone Number].

We appreciate your business and look forward to serving you again.

Best regards,  
 [Signature]

Good DX

Conducted by  
David T. Janowiak

TECHNI/CORNER  
February 1971

3661 South 46 Street  
Greenfield, Wisc. 53220

### CHANNEL 1 IN USA, REVISITED

#### INTRODUCTION

About a year ago, I requested information about the history of channel 1 in the USA. Seems I created some sort of monster, as I've received not a little bit of material from many DXers. Many thanks are due to Jerry Pulice, Glenn Hauser, Bill Matthews, Bill Heusman, etc.

Contributions varied from a few sentences, info from old magazine articles, even an entire book on early TV standards, submitted by Bill H., that proved very interesting, although I haven't had the time to digest it all. As you can guess, some of the tales are, as Jerry Pulice said, fishy, and some info was 180° out of phase with others. What I'll try to do is present what I have, with as little opinion as possible, since I'm getting too old to be involved in feuds, especially over subjects that are now dead!

#### WAS CH 1 ON THE AIR?

Yes, Matilda, some commercial stations did operate on Ch 1. Several lists of TV stations in the 1940's show at least one and possibly three commercial stations operating on Ch 1 (50 to 56 mhz) as early as 1944, although lists are conflicting (see next portion).

#### FREQUENCY

The 44-50 mhz range was originally allotted for ch 1. However, no known commercial or experimental station ever used that range. About 1943-44, ch 1 was assigned to 50-56 mhz, and it is within this range that the few commercial stations operated.

Two lists of TV stations, one from a "source" as of November, 1944, and another from 1945 Broadcasting Yearbook show surprising similarity, but some confliction.

The first list was supposed to be correct as of Nov. 1944, showing stations on the air.

<u>City</u>	<u>Call</u>	<u>Ch.</u>	<u>Notes</u>	<u>City</u>	<u>Call</u>	<u>Ch.</u>	<u>Notes</u>
NYC	WNBT-1	50-56		Chic.	WTZR-1	50-56	
NYC	WCBW-2	60-66		Chic.	WBKB-2	60-66	
NYC	WABD-5	78-84	Low Power	Philly	WPTZ-3	66-72	
Milw	WMJT-3	66-72		Hollyw	KTSL-1	50-56	

The next list is from 1945 Broadcasting Yearbook. More data is given, including stations under construction (UC), both commercial and experimental.

<u>COMMERCIAL STATIONS</u>				<u>COMMERCIAL STATIONS</u>			
<u>City</u>	<u>Call</u>	<u>Ch.</u>	<u>Watts</u>	<u>City</u>	<u>Call</u>	<u>Ch.</u>	<u>Watts</u>
Chicago	WBKB	2	550	Milwaukee	WMJT	3	1200 UC
New York	WCBW	2	1000	New York	WNBT	1	1800
Hollywood	KTSL	1	5600 UC	Philly	WPTZ	3	500
New York	WABD	4	---	Chicago	WTZR	1	1270 UC
Schenectady	WRGB	3	3100				

<u>EXPERIMENTAL STATIONS</u>				<u>EXPERIMENTAL STATIONS</u>			
<u>City</u>	<u>Call</u>	<u>Ch.</u>	<u>KW</u>	<u>City</u>	<u>Call</u>	<u>Ch.</u>	<u>KW</u>
Chicago	W9XBK	2	4/2	Balaban and Katz			
Chicago	W9XPR	?	.01/--	"			
New York	W2XCS	?	1/1	UC CBS			
Cincinnati	W8XCT	1	1/1	UC Crosley			
Passaic NJ	W2XVT	4	.05/.05	A.B. Dumont			
New York	W2XWV	4	1/1	"			
Washington	W3XWT	1	1/1	"			
Ft Wayne Ind	W9XFT	4-TBA	4/6				
Los Angeles	W6XAO	1-120	1/.15	Don Lee			
New York	W2XMT	8	.05/.05	UC			

Salt Lake UT	W6XIS	TBA	0.4/0.2	
Philadelphia	W3XE	3	10/11	Philco
W Lafayette Ind	W9XG	3	.75/.75	UC, Purdue Univ.
Camden NJ	W3XEP	5	30/30	RCA
Iowa City	W9XUI	1,12	0.1/—	State Univ of IOWA
Jamaica LINY	W2XJT	13	.4/.1	UC
Los Angeles	W6XYZ	4	4/1	
Charleston V	W8XGZ	1	.2/.11	UC
Chicago	W9XZC	TBA	1/1	Zenith
Chicago	W9XZV	1	1/1	Zenith

Note the similarity of the lists of commercial stations. Both are identical except (1) the first list shows WABD on ch 5, (2) the first lists no WRGB (maybe not at time first list was published), and (3) the big difference shows several stations UC only in the second (later) list from Broadcasting Yearbook, whereas the first list shows them as on the air. Frequency range for these channels appears later.

### RECEIVERS

Although uncertainty among manufacturers because of frequency shifts (see next part) might have meant receivers (RXs) were manufactured by fewer companies, several people recall seeing RXs with ch 1. Presumably, this was the 50-56 mhz ch 1. Crosley certainly had a ch 1 RX. Besides, who would want a ch 1 allocation if no one could receive it?

### ALLOCATION SHIFTS, CH 1 DOOM

Opinions as to the reasons for ch 1 shift, and eventual cancellation, vary. Bill Matthews volunteers this: The 42-50 mhz area that served the commercial FM was subject to E-skip, ruining what was to be a good music media. Since public radio services were used also in that band, it was decided to move the FM Band to the present 88-108 range. Bill claims that the 44-50 mhz TV ch 1, therefore, was also deleted, as of 1948.

From the previous lists, it is, however, apparent that ch 1 was already on 50-56 in 1948, so they may have waited until 1948 to delete it on 44-50, but ch 1 was indeed used from 50-56 mhz as early as 1944. Possibly 1948 was the year ch 1 folded forever in USA. Bill remembers seeing Crosley RXs with a ch 1.

Jerry Pulice tells of two "tales" about ch 1.

The first, which Jerry feels is "fishy", comes via Jerry's electronic teacher in high school and goes like this: Major Armstrong was operating a FM station in the old 42-50 mhz band when the FCC began proposing use of that band for TV ch 1. Armstrong didn't want to move his station to the proposed new 88-108 mhz band, so he started court action. Most TV RX manufacturers waited for the outcome before turning their production lines loose. An "official" rumor spread that ch 1 was doomed, and the effect snowballed until most manufacturers ignored Ch 1. The FCC then decided to drop ch 1, because most RXs on market couldn't receive it, and the 6 mhz allocation could be used for other services.

The second Pulice story comes from an old radio mag. Channels 1 to 5 and 9 to 13 originally were to be shared by mobile and fixed units (like our 30-50 mhz area now). However, interference was so severe that ch 1 was dropped and TV got exclusive use of the other channels.

The "official" TV allocation reported by 1946 Broadcasting Yearbook looked like this.

1	50-56 MHZ	10	186-192
2	60-66	11	204-210
3	66-72	12	210-216
4	78-84	13	230-236
5	84-90	14	236-242
6	96-102	15	258-264
7	102-108	16	264-270
8	162-168	17	282-288
9	180-186	18	288-294



Also available were channels in "group C", ie, any 6 mhz segment above 300 mhz except 400-401 mhz.

Glen Hauser doubts than any 18-channel receiver existed. However, note the 4 mhz gap between ch 1 and 2, similar to our present 4 mhz gap from 72 to 76 mhz between ch 4 and 5. Also, the use of any 6 mhz channel above 300 mhz then was like offering Edsel car manuals today for only \$10.

### CONCLUSIONS

From the info received, it appears that the original 44-50 ch 1 allocation never flew, but when changed to 50-56, several ch 1 stations either operated or were UC. Need for more channel allocations for fixed services, plus need for a larger and more "interference free" band for FM, caused a convenient marriage where ch 1 TV was dropped, FM went to 88-108 band, and plenty of space remained (at that time) for radio services. Since few RXs had a ch 1 anyway, and Ch 1 was avoided by most with a choice, this occurred with only a few disapprovals.

73's

Dave

THERE WERE COMMENTS ABOUT GLENN HAUSER'S PHOTOS OF DX RECEIVED IN THAILAND, TO THE EFFECT THAT THE RELATIVELY POOR QUALITY MIGHT HINDER NEWCOMERS FROM TRYING DX IF THAT WAS THE BEST QUALITY OF RECEPTION THAT COULD BE EXPECTED. NEWCOMERS REST ASSURED THAT QUALITY OF DX VARIES CONSIDERABLY AND THESE PHOTOS, OR ANY PHOTOS, ARE NOT CONSIDERED TYPICAL IF INDEED THERE IS SUCH A THING AS A TYPICAL DX PHOTO. F2 SKIP IS ESPECIALLY DIFFICULT TO PHOTOGRAPH AND THERE ARE VERY FEW GOOD PHOTOS OF F2 SKIP IN EXISTENCE. UNDER THE CIRCUMSTANCES WE FEEL GLENN DID A VERY GOOD JOB WITH THESE PHOTOS AND IS TO BE COMMENDED. F2 AND DOUBLE-HOP ES ARE NOTED FOR BEING VERY GHOSTY AND FADE RAPIDLY AND SEVERELY. TE SKIP IS MUCH THE SAME, TOO. GETTING A DECENT PHOTO WITH A STILL CAMERA IS VERY NERVE-WRACKING AND A VIRTUAL IMPOSSIBILITY. THOSE OF US WHO HAVE EXPERIMENTED WITH MOTION PICTURES CAN APPRECIATE THE DIFFICULTY BECAUSE COMMON ES SIGNALS ARE DIFFICULT TO PHOTOGRAPH SOMETIMES TOO, AND ONLY A MOVIE CAMERA CAN CAPTURE AN IDENTIFIABLE IMAGE DURING PERIODS OF FAST CHANGING CONDITIONS. A GOOD IMAGE MAY APPEAR ON THE SCREEN ONLY A FRACTION OF A SECOND BEFORE IT AGAIN DISAPPEARS, AND THE MOVIE CAMERA'S ABILITY TO TAKE 12-18 PICTURES EACH SECOND IS SOMETIMES NECESSARY TO CAPTURE THE FLEETING IMAGE. SKIP AND TROPS CONDITIONS VARY CONSIDERABLY HOWEVER AND MOST SIGNALS WILL BE STRONG ENOUGH AT ONE TIME OR OTHER FOR AN ID---HOPEFULLY AT THE SAME TIME THE STATION DECIDES TO IDENTIFY ITSELF.

THE DZAO-2 PHOTO WAS REMINISCENT OF 20 YEARS AGO IN THE USA WHEN THERE WAS LITTLE INTERFERENCE BETWEEN STATIONS, EVEN DURING SKIP OPENINGS. IF ONLY ONE SKIP OR TROPS STATION IS RECEIVED AT A TIME, WITH NO CCI FROM LOCAL, FRINGE OR OTHER DX STATIONS, THE STATION RECEIVED MAY APPEAR WEAK AS DOES THIS DZAO SIGNAL. CONVERSELY IT MAY APPEAR MUCH STRONGER THAN IT ACTUALLY IS WHEN ANOTHER SIGNAL IS PRESENT TO AID IT. YOUR RECEIVER IS CAPABLE OF PRODUCING AN IDENTIFIABLE SIGNAL IN SYNCHRONIZATION IF THAT SIGNAL HAS REACHED A CERTAIN LEVEL---THE SYNC LEVEL---OF THE RECEIVER. IF A SIGNAL IS TOO WEAK, IT WON'T SYNC IN. A TECHNIQUE HELPFUL TO METEOR SCATTER DXERS IS TO OBTAIN A WEAK FRINGE SIGNAL ON THE DESIRED CHANNEL AND USE IT AS A BOOSTER TO THE WEAK DX SIGNAL YOU WANT TO SEE. ONE SIGNAL RIDES ON TOP OF THE OTHER, SO COMBINED THEY WILL REACH THE REQUIRED SYNC LEVEL WHEREAS INDIVIDUALLY NEITHER MAY BE STRONG ENOUGH TO SYNC IN BY ITSELF. HOPEFULLY, THE SIGNAL YOU WANT WILL BE THE DOMINANT OF THE TWO AND YOU CAN THEREFORE IDENTIFY IT. IN SKIP OPENINGS YOU HAVE NO CHOICE UNLESS YOUR ANTENNA IS DIRECTIONAL ENOUGH TO SEPARATE ALL STATIONS, WHICH IS RARE. SO SKIP AND TROPS STATIONS ACT AS BOOSTERS TO EACH OTHER WHEN TWO OR MORE ARE RECEIVED SIMULTANEOUSLY ON THE SAME CHANNEL. IN MODERN TIMES, THE ONLY TIME I GET TO SEE ONE SKIP STATION ALL ALONE IS AFTER 0200 WHEN ALL LOCAL AND FRINGE STATIONS ARE OFF THE AIR AND ONLY ONE SKIP STATION IS STILL ON THE AIR. THIS IS USUALLY SALT LAKE CITY, (AFTER DENVER HAS GONE OFF THE AIR), OR IDAHO FALLS WHEN NEARER CHANNEL 3 STATIONS ARE ALL OFF THE AIR. FSD

CCI

Bill Heusmann  
1527 24th St.  
Des Moines, IA  
50311

Gary Olson, 1203 Kenton Road, Deerfield, IL 60015 (These from last summer)

Mon., June 8 2012 Ch. 3, Es from NW. Interview show w/men discussing photography. During 2015 break promo for CTV's "Our World" and ad for Magic Lake Estates on Pendar Road. Irving P. Creek forecast for central Alberta followed. Mentioned their being in central part of province. Faded out 2029. Program was possibly called 'Journal'. Was this CFRN?

Sun., June 28 1145 Ch. 3, Es from SW. Received furniture ad in Spanish for United Furniture Company, 5855 S. Padre Island. (Gary, Corpus Christi Directory Assistance has a listing for this store, hence station must have been KIII. bh)

" " " 1240 Ch. 6, Es from S or SW. Received an outdoor miniature golf tournament! Obviously a local show. One of the players was a Mr. Love. Station not KAUZ which was also in. (KRIS?? bh)

Jim Pizzi, 812 'B' South Pine St., Santa Maria, CA 93454 (PT)

Tue., Aug. 25 1820 Ch. 4, Es from SE. Spanish language, at 1855 had woman giving news with map of central USA, Minnesota in white.

Sun., Aug. 30 1140 Ch. 2, Es from ESE. CCI under and // KNXT, with CBS Sports. DX showing heavy fading. Wonder whether KOAI. (I believe they're NBC only. bh)

FM unIDs!!

Sun., Nov. 8 1828 on. On 89.1 classical music. 90.1 or .3, soul music. Stations IDed were in NM, TX, OK, KS, IL and KY, both single and double hop on FM. (Nice work! bh)

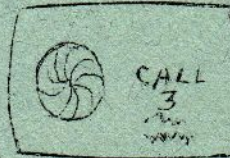
Leslie Prus, 1615 Pierre, Manhattan, KS 66502 (CST)

Fri., Dec. 4 1930 Ch. 2, Es. Magazine format program 'Southern Perspective' including feature on Salvation Army. WTAR-3 IDed at 1900.

Tue., Dec. 29 1530 Ch. 3, Es. Delayed broadcast of Banana Splits Adventure Hour, in until 1550. Suspect Great Lakes area.

Sun., Jan. 3 0537 Ch. 3, MS. Spiral ID, like 'A' at right. From east.

Fri., Jan. 8 0543 Ch. 3, MS. Possible TP/ID, like 'B'. Also seen month ago. In Great Lakes region??



Paul Luchter, 568 Rockville Court, Oceanside, NY 11572 (EST)

Fri., Oct. 16 2045 Ch. 6, Es. 'Laugh-In', probably Canadian.

2100 Ch. 2, Es. Start of movie 'Elephant Walk'.

2230 Ch. 2, Es. Program about adaptive radiation. To 2300.

Sun., Nov. 8 1830 Ch. 3, Es. Auburn-Mississippi football game on tape. Sponsored by South Central Bell.

1850 Ch. 5, Es. 'Green Acres'.

1900 Ch. 6, Es. 'It Takes a Thief'.

73 and good DX,

Bill

P.O. Box 5001  
Milwaukee, Wis.  
53204

# MAILBAG

PREPARED BY  
GARY A. OLSON.

Another fresh new crop of members to add to the group this month. Here's a sampling:

Thomas Yingling Jr., 221 Pinewood Rd., Baltimore, Md. 21222  
Ken Atkinson, 305 Kenyon Ave., East Greenwich, RI 02818  
James Pawlitz, 23410 Groveland, Roseville, Michigan  
Shelby Remington, 291 Whitney Ave., New Haven, Conn. 06511  
G. Somerton, 405 Pelissier St., Apt. 33, Windsor 12, Ontario  
Seppo Pirhonen, Kujalan Koulutila, Lahti 6, Finland  
Matthew and Bradford Hall, 25776 Walker St., San Bernardino,  
California 92404  
Todd Schumann, 2606 W. 105th St., Chicago, Ill. 60655  
Dana E. Mount, 322 17th St., N., Bismarck, N.D. 58501

Among our renewals this trip are:

Al Ellis                      M. Kozlowski                      M. Dolci

From his last point of duty in New York comes the plaintive cry of Dave Swanson: "Greetings (or words to that effect) said the teletype to me, 'you have been selected to fill a position in the Canal Zone come the end of November'. Yoicks says I; they can't do this to me, for I took German in school, not Spanish. 'Foo on you, you're going!' says they. Thus the army in its own infallible way fills its vacancies". Dave adds "One way to learn Spanish is on the tube, I guess, watching dubbed versions of Lucy and other such gems. As I'll be living in government housing I don't know if I can put up antennas, which I greatly desire to do. This would seem to be a great place to DX from w/ locals on only 2, 4, 8, and 10." (!,?) Good luck Dave - keep us posted on what's up/down in the tropics! Incidentally Dave's new address is Box 331, Margarita, Canal Zone.

Over the Christmas holidays some of our members had a mini-convention. Getting together for an evening of DX chatter and good times were Roger Brown, Bill Heusmann, Gary Olson, and Morrie Goldman. For most of us the opportunities for meeting one another are rare, thus occasions when we can compare notes and make face-to-face contacts with other hobbyists are highly celebrated. Hope more of you can get together in similar fashion in the future!

For those who like to correspond, Mark Kozlowski says he's "willing to help anyone out, exchange correspondence and send info about photography of TV images" with everyone who's interested. So all of you who enjoy pen pals get in touch with Mark (address is 306 Riverside, Buffalo, NY).

Another country heard from! Seppo Pirhonen of Finland is another of the overseas contingent joining WTFDA. Seppo heard about us from our friends at the European DX Council. In regard to his hobby he states "I have been an active short-wave DXer for 6 years; 120 countries verified. Nowadays, TV DX is, however, my main hobby. My receiver is Finnish made 35% transistorized ASA Electromatic. European band I antenna is a 4-element yagi, on band III a stacked pair of 12-element broadband yagis and on UHF a Fuba XC-91-C antenna and C-166 outboard converter containing an amplifier".

That about wraps up another month for the mailbag. Be sure and let us know what's happening out your way. And don't forget to keep checking the channels - some of the best tropa and off-season skip openings have been missed at this time of the year by DXers who just figured "There's no DX at this time of the year"!

73's from Box 5001



FCC TV

NEWS - DATA

GARY A. OLSON
1203 KENTON ROAD
DEERFIELD, ILL.
60015

STATIONS OPERATING (AS OF DECEMBER 1, 1970)

Table with 2 columns: Station Type and Count. Rows include UHF ETV (111), UHF Com (184), VHF ETV (85), and VHF Com (512).

Total Authorized Stations On The Air 892

New Stations Reported On The Air:

- KNCT (TV) ch. 46, Belton, Tex., took the air Nov. 1970 - 185 kw.

New Target Dates Reported:

WTVG (TV) ch. 66, Joliet, Ill., 3100 kw., late 1971 (station to carry Negro oriented programming)

Miscellaneous Changes:

- WAXN (TV) ch. 62, Hammond, Ind. - cancel CP and delete call letters
ch. 49, Kent, Ohio (Kent State U.) - application for new TV station is dismissed
\*ch. 12, Rincom, N.M. - application for station dismissed
WRIV-TV, ch. 55, Riverhead, NY - cancel CP and delete call letters

The following CPs were deleted after extensions were granted to construct stations:

- WBBU-TV, Buffalo, NY
WGTC-TV, St. Paul, Minn.
KXO-TV, El Centro, Calif.
KCTR-TV, Rochester, Minn.
KIHP-TV, San Bernardino, Calif.

FCC COMPLETED ACTION

New Grants:

Nampa, Idaho, ch. 6, 61.77 kw.

Call Letter Changes:

KTOO (TV) ch. 26, Tulare, Calif. to KMPH (TV)
KVOO-TV, ch. 2, Tulsa, Okla., to KTEV (TV)

New Call Letters Issued:

Leesburg, Fla., ch. 55, granted WLIC-TV

Other Changes Allowed:

WDBO-TV, ch. 6, Orlando, Fla., ERP to 85.1 kw.
WMO-TV, ch. 13, Des Moines, Ia., ERP to 240 kw - ant to 2000'
WCOT-TV, ch. 55, Akron, O., ERP to 1100 kw.

\*\*\*\*\*
\* Thanks to:
\* M. Goldman
\* B. Elving
\* for supplying
\* data to our
\* column this
\* month.....
\*\*\*\*\*

ACTION APPLIED FOR OR REQUESTED

Applications For New Stations:

\*Alliance, O., ch. 45 (Ohio ETV Comm.) 879 kw.

MISCELLANEOUS ITEMS OF INTEREST TO TV DXERS

- The FCC proposes to assign ch. 29 to State College, Penn.
The FCC is looking toward revoking CP's of Victor Muscat:
KVMP (TV) Tulsa, KMYO (TV) Little Rock, ch. 24 in Memphis, WTVU (TV) New Haven, and KIKS-TV Lake Charles, La.

+++++
+ Your FCC News and Data TV column appears in VHF-UHF Digest on +
+ a monthly basis. Factual data is gathered from leading publica- +
+ tions and reliable sources in order to provide you with the most +
+ concise and up-to-date information possible. Your contributions +
+ are encouraged in order accuracy and timeliness. Please send all +
+ pertinent data on TV stations, whether they be operating or only +
+ planned, to the column editor for inclusion! +
+ + + + +



# F.C.C. NEWS

Charles A. Dobbins  
12851 Longacre  
Detroit, Michigan 48227

## NEW STATIONS FINAL ACTIONS

Ashland, WI. 95.9 3 kw. AAT 155 ft.	Rochester, IN. 92.1 3 kw. AAT 101 ft.
Columbia, SC. 93.5 3 kw. AAT 300 ft.	Rushville, In. 94.3 3 kw. AAT 300 ft.
*Geneva, NY. 91.3 TPO 10 w.	San Francisco, CA. 89.5 8w. AAT 460 ft.
Lincoln, IL. 100.1 3 kw. AAT 201 ft.	Springfield, VT. 93.5 3 kw. AAT 174 ft.
*Pensacola, FL. 89.3 100 kw. AAT 510 ft.	

## INITIAL APPLICATIONS

\*Durham, NC. Community Radio Workshop Inc. seeks 90.3 3 kw. AAT 133 ft.  
 \*Ephrain, UT. Snow College seeks 89.5 10 kw. AAT 88 ft.  
 \*Hershey, PA. South Central Educational Bdcstg Council seeks 89.5 15.5 kw. AAT 820 ft.  
 Jackson, Miss. TAB Bdcstg Co. seeks 94.7 100 kw. AAT 358 ft.  
 \*Jacksonville, Fl. Community Television Inc. seeks 89.9 100 kw. AAT 821 ft.  
 \*Jefferson City, MO. Board of Curators, Lincoln Univ. seeks 89.9 43 kw. AAT 73 ft.  
 Lubbock, TX. Lubbock Bdcstg Inc. seeks 101.1 28.3 kw. AAT 33 ft.  
 \*Nashville, TN. Vanderbilt Student Communications Inc. seeks 91.1 10w. AAT 157 ft.  
 \*Pendleton, IN. South Madison Community School Inc. seeks 91.7 10w. AAT 94 ft.  
 \*Plymouth, MI. Plymouth Community School District seeks 89.3 10w. AAT 110 ft.  
 Sault Ste. Marie, MI. Lock City Bdcstg Inc. seeks 92.7 3 kw. AAT 285 ft. AAT 1250 ft.  
 \*Scranton, PA. Northeastern Pennsylvania Educational Television Asstd. seeks 89.1 2.9 kw.  
 \*Selah, WA. Associated Student Body of Selah High School seeks 90.5 10w. AAT 42 ft.  
 \*Thief River Falls, MN. Area Vocational Technical School, Independence School District #564  
 seeks 89.5 10w. AAT 100 ft.  
 Troy, AL. Pike Bdcstg Inc. seeks 105.7 100 kw. AAT 397 ft.  
 Winchester, KY. WWKY Inc. seeks 100.1 3 kw. AAT 190 ft.

## CALL LETTER APPLICATIONS

Canton, NJ. Jersey Info Center req. WNNN(FM)	Oneida, NY. Warren Bdcstg Inc. req WMCR-FM
Carmel, CA. Monterey Bay Area Inc. req KLRB(FM)	Pensacola, FL. Pen. Christ. Sch. req *WPCS(FM)
Columbia, SC. Frank D. Ward Inc. req WXPY(FM)	Prince Frederick, MD. Calvert Co. Bdcstg req WESM(FM)
E. Stroudsburg, PA. E. Stroud. St. Coll. req *WESS(FM)	
Medford, MA. Tufts Univ. req *WTUR(FM)	Rockmart, GA. Georgia Radio Inc. req WZOT(FM)
Newport, NH. Eastminster Bdcstg Corp. req WCNL-FM	
New York, NY NYU req *WNYU-FM	Springfield, VT. Connecticut Valley Bdcstg Co. req WCFR-FM
Winona, MN. KAGE Inc. req KAGE-FM	

## CALL LETTER ACTIONS

Beckley, WV. Waldron Bdcstg Corp. gtd WCIR-FM	McKean, PA. Mikro-Dawn Inc. gtd WMDI(FM)
Bellevue, WA. Bellevue Sch. Dist. #405 gtd *KASB(FM)	Perry, IA. Perry Bdcstg gtd KDLS-FM
Chanute, KS. Neosho Co. Bdcstg Inc. gtd KKOY-FM	Sallisaw, OK. Big Basin Bdcstrs gtd KRBB-FM
Colby, KS. Golden Plains Inc. gtd KXXY-FM	Scolby, MT. Prairie Comm. gtd KCGM(FM)
Decatur, IL. Milliken Univ. gtd *WJMU(FM)	Stockton, CA. San Joaquin Jr. Coll. gtd *KSJC-FM
Eagle Pass, TX. Eagle Pass Bdcstg Inc. gtd KINL-FM	Teaneck, NJ. Fairleigh Dick. Coll. gtd *WFDU-FM
Helena, MT. Superior Bdcstg Co. gtd KCRI(FM)	
Henniker, NH. New England Coll. gtd *WNEC-FM	Tylertown, Miss. Tylertown Bdcstg Co. gtd WTYL-FM
Kent, CO. The Kent School gtd *WKSB(FM)	Vincennes, ID. Vincennes U. gtd *WVUB(FM)
Marion, IL. 3-D Comm. gtd WDDD(FM)	Walla Walla, WA. ASWC Radio Comm. gtd *KWCW(FM)

## AUTHORIZED STARTS

Alliance, O. *WRMU(FM) 91.1 2.8 kw. AAT 190 ft.	Idaho, Miss. WTIB(FM) 104.9 3 kw. AAT 225 ft.
Aurora, IL. WSCH(FM) 99.3 1.25 kw. AAT 440 ft.	London, KY. WFTG-FM 103.9 3 kw. AAT 190 ft.
Carson City, NV. KNIS(FM) 94.7 29 kw. AAT 2160 ft.	Marion, IL. WDDD(FM) 107.1 3 kw. AAT 155 ft.
Denver, CO. *KCFR(FM) 90.1 TPO 10w.	Mt. Pleasant, IA. KLJC(FM) 105.5 3 kw. AAT 300 ft.
Ft. Myers, FL. WSCF(FM) 95.3 1.5 kw. AAT 195 ft.	Port Jervis, NY. WDLC-FM 96.7 3 kw. AAT 300 ft.
Freeport, IL. WACI(FM) 92.1 3 kw. AAT 300 ft.	Truckee, CA. KNLT(FM) 101.7 1.7 kw. AAT 380 ft.
Grenada, Miss. WRIL(FM) 100.1 3 kw. AAT 300 ft.	Yuma, AZ. KALJ(FM) 95.1 25 kw. AAT 76 ft.
Hendersonville, TX. WHUT(FM) 92.1 3 kw. AAT 300 ft.	

EXISTING FM STATIONS

CALL LETTER APPLICATIONS

Bryan, O. WWMS(FM) Williams County Bdcstg System Inc. req WBNO-FM  
 Coachella, CA. KCHV-FM Coachella Bdcstg Co. req KVIM(FM)  
 Des Moines, IA. KWDM(FM) Contempormedia Inc. req KYNA(FM)  
 Detroit, MI. WXYZ-FM WXYZ Inc. req WRIF(FM)  
 Meridian, Miss. WOKK-FM Old South Bdcstg Co. req WALT(FM)  
 Moorhead, MN. KQWB-FM Midwest Radio Co. req KWIM(FM)  
 San Diego, CA. KSDO-FM Gordon Bdcstg of San Diego req KZKZ-FM  
 Toledo, O. WSPD-FM Susquehanna Bdcstg Co. req WLQR(FM)

CALL LETTER ACTIONS

Ashland, KY. WCMI-FM Sterep Inc. gtd WAMX(FM)  
 Bakersfield, CA. KUZZ-FM Chaparral Bdcstg Inc. gtd KZIN-FM  
 Baltimore, MD. WTOW-FM Robert W. Sudbrink gtd WLIF(FM)  
 Erie, PA. WWGO-FM Burbach Bdcstg Co. gtd WCCX(FM)  
 Henderson, NV. KCNA(FM) Pennino Music Inc. gtd KLVM(FM)  
 Los Angeles, CA. KCBH(FM) Able Comm. Of Cal. Inc. gtd KJOI(FM)  
 Lowell, MA. WLLH-FM WLLH Inc. gtd WSSH(FM)  
 Lubbock, TX. KBFM(FM) Corbin Bdcstg Inc. gtd KLLL-FM  
 Miami, FL. WWPB(FM) Robert W. Sudbrink gtd WLYF(FM)  
 Racine, WI. WRAC-FM WRAC Bdcstg Co. gtd WRKR(FM)  
 Reno, NV. KBUB-FM Philip D. Doersam gtd KGLR(FM)  
 Thomasville, GA. WRTG(FM) Thomasville Bdcstg Inc. gtd WWTR(FM)

.....  
 . Comm FM (on the air) 2,145.  
 . CP'S 39 .....

.....  
 . Not on air 124 .....

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 . Total auth. 2,308 .....

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 . Educ FM (on the air) 419 .....

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 . CP'S 15 .....

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 . Not on the air 42 .....

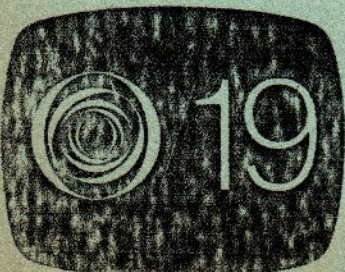
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 . Total auth. 476.....  
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CHANGES TO ALREADY EXISTING STATIONS

WCHN(FM) Hartford, CN. ERP to 7.3 kw. AAT 740 ft. WTOP-FM Wash. DC. ERP to 20 kw. AAT to 500 ft.  
 WDHS(FM) Gaston, IN. seeks CP chge frq. from 91.1 to 89.9  
 WFBG-FM Altoona, PA. ERP to 30 kw. WGBL-FM Scranton, PA. ERP to 2.3 kw. AAT to 1100 ft.  
 \*KTOY(FM) Tacoma, WA. ERP to 40 kw. AAT 310 ft. \*KANG(FM) Angwin, CA. ERP to 20 kw.  
 KLXI-FM Seattle, WA. 95.7 for aux. only AAT 1150 ft. ERP 820 w.  
 WLEO-FM Ponce, PR ERP 11.5 kw. AAT 2560 ft. KBKB San Diego, CA. ERP 50 kw. AAT to 500 ft.  
 \*WPKN(FM) Bridgeport, CN. ERP 2.4 kw. AAT 550 ft. KFML-FM Denver, CO. AAT to 720 ft.  
 WOAL(FM) Philadelphia, PA. ERP 19 kw. AAT 740 ft. WCOS-FM Columbia, SC ERP 10 kw. AAT 402 ft.  
 WESC-FM Greenville, SC ERP 100 kw. AAT 340 ff. \*WRSE-FM Elmhurst, IL. AAT to 100 ft.  
 WRVI(FM) Winnebago, IL. ERP to 3 kw. AAT 195 ft. \*WWWS(FM) Saginaw, MI. ERP 2 kw. AAT 360 ft.  
 WLSM-FM Louisville, Miss. ERP 3 kw. AAT 200 ft. KTXR(FM) Springfield, MO. ERP 100 kw. AAT 1150  
 WCSC-FM Charlestown, SC. AAT to 780 ft. WRNL-FM Richmond, VA. ERP to 140 kw. AAT to 320 ft.  
 KTON-FM Belton, TX. AAT to 412 ft. \*WLCC(FM) Lincoln, IL. chge freq to 88.9 mhz.  
 WCMI-FM Ashland, KY. AAT now 400 ft. \*WRVO(FM) Oswego, NY. ERP to 930 kw(?cd) AAT 46 ft.(?cd)  
 KJEM-FM Oklahoma City, OK. ERP to 79 kw. \*KOAP-FM Portland, OR. ERP 61 kw. AAT to 910 ft.  
 WRSJ-FM Bayamon, PR. delete vert. ant. chge ant. hgt. horiz. ERP 50 kw.  
 WGLC-FM Mendota, IL. 100.1, ERP 3 kw. AAT 98 ft. WOTW-FM Nashua, NH. ERP 3 kw. AAT 165 ft.  
 KSJN-FM Minneapolis, MN. ERP 100 kw. AAT 1160 ft. KOWB-FM Moorhead, MN. ERP 100 kw. AAT 410 ft.  
 WGFM(FM) Schenectady, NY ERP 5.4 kw. AAT 930 ft. KODA-FM Houston, TX. ERP 97 kw. AAT 790 ft.

NEWS FROM MEMBERS

From an unknown member via hdqtrs- WGGO Erie, PA. is now WOCK. WYSL Buffalo, NY is now WBHB.  
 WNOB Cleveland, O. is now WELW.  
 From William D. Fait(ex-member) WERE-FM 98.5 now WGCL stereo with popular music. WGAR-FM  
 99.5 now WNCR stereo with rock music. WWMS-FM 100.7 now has a new rock music format. WCRF  
 103.3 has higher power and is using circular polarization and will begin stereo-casting  
 sometime this year. WELW is now on an all day simulcast of WELW-AM 1330 khz.  
 \*\*\*NOTE- all above stations are in the Cleveland, Ohio area.



AT LEFT IS AN ID SLIDE USED BY CANADA'S FIRST EDUCATIONAL STATION, CICA-TV, TORONTO.

PHOTO FURNISHED BY JOEL ROSENBERG OF DOWNSVIEW, ONT.

AN FM STATION LIST IS IN PREPARATION, WITH MAPS OF EACH STATE/PROVINCE AS WELL. KEY-PUNCHERS ARE NEEDED. CONTACT BRUCE ELVING, 3000 N. OAKLAND AVE., MILWAUKEE, WI. 53211. (SEE PAGE 3 OF CTV COLUMN.)

# VHF RADIO

Pat Dyer  
327 Solar Drive  
San Antonio, Texas 78227  
Deadline: 12th of month

FEBRUARY 1971

Plenty of F2 and Es DX in the column this month.

Bill Heusmann, 1527.24th Street, Des Moines, IA 50311 uses a Regency RR-33, a vertical dipole cut to 41.5 MHz. After Dec 4 a 3-el vertical Yagi (Ch B1) aimed for European TV took over. \* At the Steger, IL location with a 75-ohm dipole. CST used.

<u>10-16:</u> 1920, KCC 266 (Es) Scranton (Es) KEC 516 (Es)	<u>11-2:</u> 1700, KUA 217
<u>10-17:</u> 1200, 47.6 Spanish	<u>11-3:</u> 1014, Eugene 1452, KUA 217
<u>10-21:</u> 1220, WWA 335 1534, KUA 217	<u>11-4:</u> 1028, 35.7-MHz Radio, Canada harmonic 1239, KMD 342
<u>10-24:</u> 1222, Long Beach	<u>11-5:</u> 1408, KMD 342
<u>10-25:</u> 1215, WWA 335 1419, KUA 217	<u>11-8:</u> 1832, KOE 257 (Es) 2229, KGA 804 (Es)
<u>10-26:</u> 1046, 41.7 Spanish 1300, WWA 335 1711, KUA 217	<u>11-9:</u> 1034, KMD 342 Long Beach 1630, KUA 217
<u>10-28:</u> 1755, Long Beach	<u>11-10:</u> 1020, KMD 342 1237, KUA 217
<u>10-29:</u> 0950-0956, ORTF 1005, again faint	<u>11-16:</u> 0945, ORTF very good 1010, out quickly
<u>10-30:</u> 0750, 35.7 harmonic 1103, KMD 342 1107, 35.6 harmonic 1115, Oakland	<u>11-18:</u> 1254, Oakland 1300, KLF 567 1303, Eugene
* <u>10-31:</u> 1048, ORTF, fair BBC, poor	<u>12-2:</u> 1705, 36.8 Russian ? radioteletype
* <u>11-1:</u> 1011, ORTF, good BBC, poor	<u>12-5:</u> 1040, WWA 335
<u>11-2:</u> 0935, ORTF, BBC very strong 0955, BBC local-like 1016, BBC out 1058, ORTF out 1649, 37.5 radioteletype Russian ?	<u>12-7:</u> 1418, Salem <u>12-8:</u> 1703, KOA 796 1705, Salem <u>12-9:</u> 1236, KMD 342 <u>12-11:</u> 1043, ORTF fair with weird choppy fading, out by 1105 1157, WWA 335

Ferdinand Dombrowski at HQ in Milwaukee, WI. CST used.

<u>D11:</u> Long Beach KMD 342 KOP 303	<u>17:</u> 1210, Long Beach 1520, KMD 342	<u>30:</u> 1200, WWA 335 1300, Long Beach 1400, KMD 342
<u>12:</u> 1200, KMD 342 1300, Long Beach	<u>19:</u> 1155, WWA 335 1340, KMD 342	<u>J 1:</u> 1215, KMD 342
<u>13:</u> 1100, WWA 335 1212, KMD 342 Long Beach	<u>20:</u> 1200, WWA 335 1325, Long Beach KMD 342	<u>3:</u> 1200, KMD 342 <u>4:</u> 1130, KMD 342 1230, Long Beach
<u>15:</u> 1225, KMD 342 1400, Long Beach	<u>23:</u> 1445, KMD 342 <u>27:</u> 1315, Long Beach	<u>5:</u> 1150, Long Beach
<u>16:</u> 1250, Long Beach	<u>28:</u> 1400, Long Beach KMD 342	<u>6:</u> 1215, Long Beach

Hank Holbrook, 7211 Chestnut Street, Chevy Chase, MD 20015 with more QSLed DX from his Fair Haven, MD cottage. Times in GMT.

- 4-11: 1910, KGA 806 43.58 Washington, DC (pager, 330 w)
- 7-10: 2000, KJA 459 173.225 Baltimore, MD (Baltimore Sun, 375 w)
- 11-14: 1648, KKS 896 42.90 Midland, TX (Dpt Pub Safety, 500 w)
- 1737, KOA 824 39.82 Kalispell, MT (sheriff)
- 1749, KOG 907 39.82 Butte, MT (sheriff, 330 w)
- 11-27: 1905, KMA 224 39.82 San Rafael, CA (police)
- 1940, KOG 326 39.82 Eugene, OR (sheriff, 450 w)
- 1943, KOB 406 39.82 Ritzville, WA (sheriff, 500 w)
- KBD 336 39.82 Othello, WA (police, 60 w)
- 11-28: 1837, KFL 943 35.58 Las Vegas, NM (pager, 330 w)
- 12-5: 1717, KDN 954 39.18 Bisbee, AZ (sheriff)
- KLY 879 39.18 Bisbee, AZ (police, 100 w)
- 1727, KOG 381 39.82 Virginia City, MT (sheriff, 500 w)
- KOA 404 39.82 Bozeman, MT (sheriff, 60 w)
- 12-12: 1722, KMD 344 35.58 Long Beach, CA (pager)

Marvin E. Robbins, 7805 Woolworth Avenue, Omaha, NE 68124, an NNRC editor, is actively monitoring all 3 WHF-UHF utility bands with a Realistic PRO-3.

KDN 402, 35.54 MHz is a local pager there. Marv believes it may be what I have been reporting as KDN 492. I'm inclined to agree.

XX

Now, my loggings. Allied A-2586 with built-in whip and 30 feet of indoor random wire. F2 unless noted otherwise. CST used. New Dec-Jan.

- |   |  |   |
|---|--|---|
| <ul style="list-style-type: none"> <li>16: 0925, KCC 482</li> <li>KCB 897</li> <li>1323, KCA 591</li> <li>18: 1353, KOA 796</li> <li>KOP 303</li> <li>19: 1322, KOP 303</li> <li>1330, KOA 748</li> <li>KMB 305</li> <li>1359, KCA 633</li> <li>1400, KCA 695</li> <li>20: 1045, KCC 482</li> <li>1200, Mexico Gy (Es)</li> <li>1248, WWA 335</li> <li>1300, KCA 695</li> <li>1350, KOA 796</li> <li>2033, KIY 508 (Es)</li> <li>2037, KFL 936 (Es)</li> <li>2054, KIQ 999 (Es)</li> <li>KIN 645 (Es)</li> <li>21: 1055, WWA 335</li> <li>1100, KCA 695</li> <li>KCB 526</li> <li>1311, KOA 796</li> <li>2010, KIY 508 (Es)</li> <li>2038, KIN 645 (Es)</li> <li>2050, KIE 367 (Es)</li> <li>22: 1903, KFL 936 (Es)</li> <li>24: 1257, KOP 303</li> <li>1300, WWA 335</li> <li>27: 1200, KCA 695</li> </ul> | <ul style="list-style-type: none"> <li>27: 1200, KCA 591</li> <li>28: 1055, KCC 482</li> <li>1412, WWA 335</li> <li>1426, Salem</li> <li>1428, Eugene</li> <li>1500, KOA 748</li> <li>1502, KOG 634</li> <li>2209, LMA 829 (Es)</li> <li>29: 1100, KCD 497</li> <li>1135, Portland</li> <li>KOA 796</li> <li>1140, KOK 418</li> <li>KCC 482</li> <li>1200, Salem</li> <li>1203, Boise (Es)</li> <li>1230, KMD 342 (Es)</li> <li>KMB 305</li> <li>1250, Long Bch (Es)</li> <li>1315, KSC 645 (Es)</li> <li>1405, KFL 943 (Es)</li> <li>1408, KIE 947 (Es)</li> <li>1412, KFL 936 (Es)</li> <li>1422, KOE 257 (Es)</li> <li>2045, KMA 829 (Es)</li> <li>30: 1100, KCC 249</li> <li>KEJ 451</li> <li>KCA 695</li> <li>KEE 720</li> <li>KEG 776</li> </ul> | <ul style="list-style-type: none"> <li>30: 1108, KCC 482</li> <li>1126, KCC 266</li> <li>1240, Eugene</li> <li>1248, KOP 303</li> <li>1318, KOA 796</li> <li>J 3: 1053, KCC 482</li> <li>1100, KCD 915</li> <li>KCD 497</li> <li>KCD 346</li> <li>1300, KCA 695</li> <li>4: 1150, KCC 482</li> <li>1200, KCA 695</li> <li>KOP 303</li> <li>1203, KOA 796</li> <li>1503, KIY 508 (MS?)</li> <li>1615, WWA 335</li> <li>1822, KSC 864 (Es)</li> <li>1835, KAH 661 (Es)</li> <li>1927, KIM 905 (Es)</li> <li>5: 1545, WWA 335</li> <li>6: 1257, KOA 796</li> <li>11: 1157, KOA 796</li> <li>1201, KOA 748</li> <li>1203, Eugene</li> <li>1332, KDA 383</li> <li>1341, KCC 482</li> <li>1343, KEJ 451</li> <li>1400, KCA 378</li> <li>KCA 591</li> <li>KGC 524</li> </ul> |
|---|--|---|



11: 1408, KCC 266	14: 1840, KIM 905 (Es)	15: 1230, KMB 305
1430, WWA 335	1903, KOE 257 (Es)	KOA 796
13: 1240, Salem	15: 1150, KMD 342	KCC 266
1245, KOA 796	KLX 592	1241, KEG 776
1300, KOA 748	1154, Oakland	1242, KOP 303
14: 1830, KSC 645 (Es)	1230, KCC 482	
now, some new ID's from old loggings:		
10-7: 1555, <u>KCE</u> 287	29: 1600, <u>KCA</u> 378	12: 1600, <u>KCD</u> 586
<u>KCI</u> 315	1630, <u>KCD</u> 586	13: 1620, <u>KCD</u> 346
1600, <u>KGE</u> 450	1655, <u>KCI</u> 315	1630, <u>KCD</u> 586
<u>KCF</u> 596	<u>KCA</u> 395	<u>KCD</u> 457
<u>KGE</u> 316	<u>KGE</u> 633	14: 1300, <u>KGE</u> 450
<u>KEG</u> 776	31: 1300, <u>KCA</u> 460	<u>KEJ</u> 451
13: 1600, <u>KOG</u> 634	11-1: 1028, <u>KCB</u> 364	1600, <u>KCE</u> 357
14: 1458, <u>KOG</u> 634	1055, <u>KGG</u> 867	15: 1230, <u>KGE</u> 450
1555, <u>KCE</u> 287	1100, <u>KGC</u> 522	17: 1100, <u>KCG</u> 249
1602, <u>KED</u> 661	<u>KGE</u> 831	<u>KCE</u> 454
<u>KCC</u> 957	1150, <u>KCD</u> 346	22: 1100, <u>KCB</u> 217
1605, <u>KCG</u> 964	1230, <u>KCC</u> 957	<u>KJH</u> 232
15: 1400, <u>KOG</u> 634	1330, <u>KCF</u> 590	1205, <u>KOG</u> 634
16: 1555, <u>KCH</u> 585	1350, <u>KCE</u> 537	1210, <u>KCD</u> 344
20: 1100, <u>KCC</u> 944	1500, <u>KOG</u> 634	1400, <u>KGC</u> 751
22: 1600, <u>KCG</u> 964	1518, <u>KCE</u> 584	<u>KGC</u> 752
<u>KCI</u> 315	1525, <u>KCG</u> 491	24: 1455, <u>KOG</u> 634
<u>KCB</u> 844	<u>KCE</u> 457	1600, <u>KCB</u> 217
23: 1600, <u>KCB</u> 217	2: 0900, <u>KGC</u> 522	26: 1055, <u>KGD</u> 454
24: 1200, <u>KCD</u> 850	3: 1330, <u>KGE</u> 450	<u>KGG</u> 867
1305, <u>KED</u> 661	1600, <u>KGC</u> 522	1100, <u>KCD</u> 492
<u>KGE</u> 450	1630, <u>KCD</u> 586	27: 1105, <u>KCE</u> 584
1330, <u>KGC</u> 750	1655, <u>KCE</u> 287	1228, <u>KOG</u> 634
<u>KGC</u> 752	<u>KCE</u> 869	28: 1100, <u>KGE</u> 450
<u>KGC</u> 755	1700, <u>KCD</u> 658	12-6: 1130, <u>KGL</u> 450
1355, <u>KED</u> 484	4: 1610, <u>KCE</u> 584	1155, <u>KCD</u> 850
1515, <u>KGG</u> 867	6: 1600, <u>KGE</u> 831	1220, <u>KOG</u> 634
1530, <u>KCD</u> 586	8: 0945, <u>KCD</u> 395	1300, <u>KGC</u> 522
1550, <u>KCE</u> 869	1205, <u>KCD</u> 586	1306, <u>KGC</u> 755
1600, <u>KGC</u> 522	1458, <u>KCD</u> 575	7: 0900, <u>KGE</u> 450
1601, <u>KCI</u> 315	10: 1100, <u>KCD</u> 392	<u>KGC</u> 522
1612, <u>KCF</u> 596	<u>KGC</u> 522	8: 1330, <u>KOG</u> 634
1615, <u>KCD</u> 473	1105, <u>KGC</u> 482	1402, <u>KCD</u> 586
25: 1115, <u>KCB</u> 217	1630, <u>KCD</u> 586	1600, <u>KCB</u> 217
1140, <u>KGG</u> 867	1700, <u>KCE</u> 457	10: 1103, <u>KCB</u> 217
1145, <u>KCH</u> 209	<u>KCI</u> 315	1200, <u>KOG</u> 634
1148, <u>KGC</u> 346	11: 1630, <u>KCD</u> 586	1215, <u>KCA</u> 990
1600, <u>KOG</u> 634	12: 1505, <u>KEC</u> 425	1340, <u>KED</u> 482
27: 1500, <u>KOG</u> 634	1555, <u>KCB</u> 217	
<u>KCC</u> 748	1600, <u>KCD</u> 346	

BBC	41.5	England	KCB 526	33.70	Kennebunkport, ME-f
KAH 661	35.22	Minneapolis, MN	KCB 844	33.70	Greenfield, MA-f
KCA 378	33 /	New Haven, CT-f	KCC 266	35.58	Springfield, MA
KCA 395	33.70	Gardner, MA-f	KCC 482	35.22	Concord, NH
KCA 460	37.18	E Hartford, CT-p	KCC 748	33.94	Windsor, CT-f
KCA 591	33.74	Boston, MA-f	KCC 944	33.70	Torrington, CT-f
KCA 633	33.90	Middleborough, MA-f	KCC 957	33.70	Bethel, CT-f
KCA 695	33.78	Manchester, NH-f	KCD 344	33.94	Blue Hills, CT-vf
KCA 990	37.06	Springfield, MA-p	KCD 346	33.90	Tolland, CT-f
KCB 217	33.90	East Lyme, CT-f	KCD 392	33 /	S Norwalk, CT-f
KCB 364	33.70	Hubbardstown, MA-f	KCD 395	33.90	Brooklyn, CT-f

KCD 457	33.90	Mystic, CT-f	KGC 524	33.78	Dover, DE-vf
KCD 473	33.70	Wolcott, CT-f	KGC 750	33.90	Kinzer, PA-f
KCD 492	33.70	Dennis, MA-f	KGC 751	33.90	Mt. Joy, PA-f
KCD 497	33.64	Bourne, MA-f	KGC 752	33.90	Lititz, PA-f
KGD 575	33.70	Cheshire, CT	KGC 755	33.90	Lancaster, PA-f
KGD 586	33.94	Wethersfield, CT-f	KGD 454	33.98	Erie, PA-f
KCD 658	33.70	Westminster, MA-f	KGE 316	33.98	Mt. Jewett, PA-f
KCD 850	37.22	Waterbury, CT-p	KGE 450	33.98	Allentown, PA-f
KCD 915	33.90	Wareham, MA-f	KGE 633	33.90	Harrisburg, PA-f
KCE 287	33.94	Rocky Hill, CT-f	KGE 831	33.78	Wilmington, DE-cf
KCE 357	33.70	Bethany, CT-f	KGG 867	33.86	Milford, PA-f
KCE 454	33.70	Morris, CT-f	KIE 367	43.58	Miami, FL
KCE 457	33 /	Newton, CT-f	KIM 905	35.22	Charlotte, NC
KCE 537	33.70	Sterling, MA-f	KIN 645	35.58	Miami, FL
KCE 584	33.90	Poquonock Br, CT-f	KIY 508	35.22	Orlando, FL
KCE 869	33.70	Prospect, CT-vf	KJH 232	33.78	Jackson Twp, NJ-f
KCF 590	33.86	Redding, CT-f	KMA 829	35.58	California
KCF 596	33.86	Brookfield, CT-f	KMB 305	35.22	San Francisco, CA
KCG 249	33 /	Southbury, CT-vf	KMD 342	35.22	Fresno, CA
KCG 491	33.70	Wallingford, CT-f	KOA 748	33.90	Seattle, WA-f
KCG 964	33.70	Terryville, CT-f	KOA 796	35.58	Portland, OR :
KCH 209	33.78	Waterford, CT-f	KOE 257	43.58	Phoenix, AZ
KCH 585	33.70	Rutland, MA-f	KOG 634	33.82	Kent, WA-f
KCI 315	33.70	Beacon Falls, CT-f	KOP 303	35 /	Washington ?-mp
KDA 383	33.90	Milford, NH-f	KSC 645	35.58	Chicago, IL
KEC 425	33.82	New Brunswick, NJ-f	KSC 864	35.58	Peoria, IL
KEC 516	43.58	Syracuse, NY	KUA 217	35.58	Honolulu, HA
KED 482	33.90	Binghamton, NY-f	ORTF	41.25	France
KED 484	33.90	Whitney Pt, NY-f	WWA 335	35.22	San Juan, PR
KED 661	33.82	New Market, NJ-f	-	35.22	Boise, ID
KEE 720	33.78	Milburn, NJ-f	-	35.3	Eugene, OR-mp
KEG 776	33.82	Edison Twp, NJ-f	-	35.58	Long Beach, CA
KEJ 451	33.78	Toms River, NJ-cf	-	43.57	Mexico City
KGA 804	43.58	Philadelphia, PA	-	35.4	Oakland, CA-mp
KGC 346	33.94	Reading, PA-f	-	35 /	Portland, OR-mp
KGC 482	33.98	Erie, PA-f	-	35.2	Salem, OR-mp
KGC 522	33.78	Georgetown, DE-f	-	35.58	Scranton, PA

f-fire, p-police, c-county, v-volunteer, mp-mobile phone  
 otherwise pagers; A2 Morse code ID's by: KCB 897, KFL 936, KIN 645,  
 KMA 829, KMB 305, KOK 418, and KOP 303. KIQ 999

Bill Fait, Cleveland, OH noted some new 162.55 weather stations  
 nearby in the state. all 24 hr operation and simulcasting.

KDO 94 Akron                      KHB 59 Chesterland                      KHB 97 Castilla

KFL 936 was earlier reported to be in WI. This is not so sure now.  
 KMB 305 has been previously listed as KMB 395. Locations for KOP 303,  
 KCB 897, KOK 418, KIQ 999 are still not known. I still have a lot of  
 33-MHz FD's with only call letters. These will appear whenever freqs  
 and locations are determined.

Please note that the new deadline for this column is on the 12th.  
 Due to the large size lately with all the welcomed reports this was  
 necessary. Stateside F2 ought to remain good until about mid-March.  
 There's no certainty about the fall level when it returns.

# STATISTICS

Glenn Hauser, editor  
 PSC Box 4563  
 Robins AFB, GA 31093  
 note new address  
 F E B 1 9 7 1

## ADDITIONS AND REVISIONS

Ch	Call	Location	Prop Miles	DXer, Location	Old Record
2	KTCA	Saint Paul MN	T 215	Fred McCormack, Fargo ND	new
	KTVI	Saint Louis MO	T 595	Ron LeBlanc, Marrero LA	Cooper 445
	WKTV	Utica NY	T 220	Mark Lewis, Downsvie Ont	Day 205
	WUND	Columbia NC	T 340	Jerry Pulice, Staten Island NY	Singer 130
	KUSD	Vermillion SD	MS 435	Fred McCormack, Des Lacs ND	new
	"CBFT"	Montreal PQ	T 315	Mark Lewis, Downsvie Ont	Cody 280
	XHI	Ciudad Obregon Sin (Es)	850	Robert Grace, Franklin TX	Wigh TIE
3	KTVS	Sterling CO	1220	Mark Lewis, Downsvie Ont	Plunkett 1215
	KATC	Lafayette LA	MS 1180	Mark Lewis, Downsvie Ont	new
	KTBS	Shreveport LA	MS 1085	Mark Lewis, Downsvie Ont	Seybold 1040
	WPSX	Clearfield PA	T 185	Joel Rosenberg, Downsvie Ont	Pizzi 145
			TIE	Mark Lewis, Downsvie Ont	
	WRCB	Chattanooga TN	1225	Fred McCormack, Des Lacs ND	Nordquist TIE
	CJOX	Argentia Nfld	1485	Harold Cooper, Westland MI	Plunkett 1275
	XEFB	Monterrey NL	T 690	Ron LeBlanc, Marrero LA	Dyer 280
4	WWL	New Orleans LA	1395	Fred McCormack, Des Lacs ND	Michalek 1280
	KCPX	Salt Lake City UT	2Es 1845	Tom Yingling, Baltimore MD	Seybold 1665
	XELN	Torreon Coah	1460	Frank Aden, Boise ID	new
5	WHEN	Syracuse NY	1280	Fred McCormack, Des Lacs ND	Hauser 1235
	WLAC	Nashville TN	MS 1120	Fred McCormack, Des Lacs ND	Cody 840
	WBAP	Fort Worth TX	T 440	Ron LeBlanc, Marrero LA	Rareshide TIE
	KDSJ	Lead SD	T 285	Fred McCormack, Des Lacs ND	new
6	WABG	Greenwood MS	1170	Fred McCormack, Des Lacs ND	Siddall 1145
			T 245	Ron LeBlanc, Marrero LA	Foster 125
	WTVN	Columbus OH	1090	Fred McCormack, Des Lacs ND	Godwin 1075
7	WCIQ	Mount Cheaha AL	(T) 350	Ron LeBlanc, Marrero LA	Rareshide TIE
	KØ7GZ	Minot ND	15	Fred McCormack, Des Lacs ND	(KXMC-13) new
8	WFLA	Tampa FL	MS 1000	Harold Cooper, Westland MI	new
	KHQL	Albion NE	485	Fred McCormack, Des Lacs ND	Cooper 415
	WGHP	High Point NC	450	Jerry Pulice, Staten Island NY	Kowalski 385
	KESD	Brookings SD	355	Fred McCormack, Des Lacs ND	Grade 155
9	KLRN	Austin TX	480	Ron LeBlanc, Marrero LA	Keene 165
10	KFDA	Amarillo TX	775	Ron LeBlanc, Marrero LA	Hauser 305
	CHEX2	Minden Ont	295	Harold Cooper, Westland MI	new
	XHX	Monterrey NL	690	Ron LeBlanc, Marrero LA	Grace 430
11	WINK	Fort Myers FL	550	Ron LeBlanc, Marrero LA	Rareshide TIE
	KXMD	Williston ND	105	Fred McCormack, Des Lacs ND	new
	KHSD	Lead SD	435	Marv Garber, Lincoln NE	new
12	KFDN	Clovis NM	825	Ron LeBlanc, Marrero LA	Hauser 325
13	KERA	Dallas TX	440	Ron LeBlanc, Marrero LA	Hauser 260
14	WJYY	Jacksonville IL	610	Mark Lewis, Downsvie Ont	Seybold 585
15	KPOB	Poplar Bluff MO	280	Earl Fleer, Kansas City KS	new
16	WUSI	Olney IL	565	Mark Lewis, Downsvie Ont	Seybold 525
19	CICA	Toronto Ont	160	John Robertson, Crosswell MI	Rosenberg 5
22	WVUT	Vincennes IN	500	Robert Seybold, Dunkirk NY	Draeb 400
	WKEF	Dayton OH	365	Mark Lewis, Downsvie Ont	Levstein, Draeb TIE
23	WSRE	Pensacola FL	175	Ron LeBlanc, Marrero LA	new
	WAKR	Iron OH	425	Bruce Metzner, Madison WI	Olson 385
	WCVE	Richmond VA	435	Mark Lewis, Downsvie Ont	Luchter 290
25	WKAS	Ashland KY	325	Robert Seybold, Dunkirk NY	new
	WVIZ	Cleveland OH	405	Bruce Metzner, Madison WI	Draeb 360
27	WKOW	Madison WI	685 405	Fred McCormack, Des Lacs ND	Cooper 675
	WRFT	Roanoke VA	355	Robert Seybold, Dunkirk NY	new
28	WVER	Rutland VT	325	Robert Seybold, Dunkirk NY	Lombardo 195

STATISTICS

29	KHNE	Hastings NE	540	Fred McCormack, Des Lacs ND	Cooper 360
	WUTV	Buffalo NY	45	Mark Lewis, Downsview Ont	new
30	WHNB	New Britain CT	570	Joe Kureth, Southern Pines NC	Gravelle 430
31	WRLH	Lebanon NH	365	Robert Seybold, Dunkirk NY	new
32	WKAB	Montgomery AL	285	Ron LeBlanc, Marrero LA	new
33	WETK	Burlington VT	355	Robert Seybold, Dunkirk NY	new
36	WMVT	Milwaukee WI	425	Mark Lewis, Downsview Ont	Brown 175
40	WCMC	Wildwood NJ	400	Mark Lewis, Downsview Ont	Seybold 335
41	KBMA	Kansas City MO	405	Morrie Goldman, Chicago IL	Cooper 295
42	WEIQ	Mobile AL	140	Ron LeBlanc, Marrero LA	new
43	WGIQ	Louisville AL	295	Ron LeBlanc, Marrero LA	new
	WUAB	Lorain OH	405	Bruce Metzner, Madison WI	Draeb 355
44	WTOG	Tampa FL	480	Ron LeBlanc, Marrero LA	Clark 190
50	WGSP	Washington DC	10	Jeff Kadet, College Park MD	new
	KCIT	Kansas City MO	840	Mark Lewis, Downsview Ont	Metzner 385
	WXPO	Manchester NH	400	Robert Seybold, Dunkirk NY	DeLorenzo 110
51	WVPT	Staunton VA	440	Clarence Day, Westerly RI	Vogt 125
57	WCWV	Richmond VA	350	Robert Seybold, Dunkirk NY	Fela 285
61	WKBF	Cleveland OH	405	Bruce Metzner, Madison WI	Draeb 355
67	WMPB	Baltimore MD	290	Clarence Day, Westerly RI	Seybold 260

TV RANK

<u>DXer, Location</u>	<u>Stations</u>	<u>States</u>	<u>Provinces</u>	<u>Countries</u>	<u>As of date</u>
Robert Cooper, Oklahoma City OK	309	39	5	7	19 September
Gary Olson, Deerfield area IL	281	---	-	-	6 December
Roger Brown, East Lansing MI	243	37	6	4	20 July
Morrie Goldman, Chicago IL	237	---	-	4	16 December
Frank Wheeler, Erie PA	228	32+DC	9	3	26 August
Glen Neal, Sayre OK	223	37	4	3	27 September
Fred McCormack, Des Lacs ND	212	38	6	3	11 November
Mark Lewis, Downsview Ont	207	36	7	2	7 December
Harold Cooper, Westland MI	180	27	1	3	9 August
Jerry Pulice, Staten Island NY	153	33+DC	3	3	5 December
Ronald LeBlanc, Marrero LA	150	30	1	6	13 December
Robert Grace, Franklin TX	145	29+DC	2	4	2 October
Dennis Smith, Wasco CA	140	25	3	3	24 August
Les Prus, Manhattan KS	127	27+DC	0	1	23 September
Pat Dyer, San Antonio TX	124	33	2	5	31 August
Fred Nordquist, North Syracuse NY	98	18	2	2	18 September
Donald Richardson, N. Syracuse NY	95	23	4	2	25 September
John Shannon, Kittanning PA	76	22	3	3	6 October
Thomas Yingling, Baltimore MD	54	16	1	3	December
Dennis Smith, Santa Barbara CA	34	4	0	2	24 August

FM RANK

Bruce Elving, Duluth MN	926	39+DC	3	2	1 November
Robert Cooper, Oklahoma City OK	639	42+DC	4	4	19 September
John Ebeling, Bloomington MN	564	37	4	3	13 November
Fred Nordquist, North Syracuse NY	191	20+DC	2	2	18 September
Dennis Smith, Wasco CA	176	7	0	2	24 August
Peter Hobday, Potsdam NY	100+	7+DC	2	2	30 November
Dennis Smith, Santa Barbara CA	71	1	0	2	24 August
Bill Heusmann, Des Moines IA	60	9	0	1	6 October
Les Prus, Manhattan KS	47	8	0	1	23 September

Any rank totals older than six months (dated before 15 July) have been dropped. Please try to send in your updated totals at least twice a year if you wish to remain in the list. Totals for "dormant" DX locations will be published only once in the future, to save space. All members are invited to report more often in 1971!

# WESTERN TV DX

February 1971

Dennis Park Smith  
450 Poplar Avenue  
Wasco, California  
92280 U.S.A.

Deadlines: 12th of each month

Once again, the mail was slow, resulting in reports being late for last month's column through no fault of the reporters. They are included this month along with current letters, for a good-sized section.

We have more reports of the 8-Nov Es session, along with December openings on dates 3, 4, 28 & 29. The 29th was the best of the month but overall the consensus is that December 1970 was not as good as Decembers of past years. There are some good MS loggings, however, to fill the void.

Jim Pizzi, 812"B" South Pine St., Santa Maria, California 93454 (20Jul-Nov) (PDT; PST25Oct on)

<u>21</u> Es 1637 XHCH- 2 Chihuahua (id)	(26) Es 1500 XHCH- 2 Chihuahua (id)
1930 KMID- 2 Midland TX (id)	30 Es(?) 1140-41 chs 2-3 (see CCI column)
<u>28</u> Es 1130 KMID- 2 Midland TX (id)	<u>56</u> Es 2200 unid- 2 ABC movie
<u>44</u> Tr 2200 KEBS-15 San Diego CA	<u>7</u> Es 1300 KMID- 2 Midland TX (id)
<u>25</u> Es (various unids; see CCI column)	<u>N8</u> Es 1800 KHTL- 4 Superior NE (1758 Tornado
0858 KATU 2 Portland OR (id)	1800 KCKT 2 Great Bend KS /Watch)
1810 XHI - 2 Ciudad Obregon (id)	2000 KGNC- 4 Amarillo TX
Tr 1930 KFMB- 8 San Diego CA (id)	2100 KOA - 4 Denver CO
KOGO-10 San Diego (id)	(Nov 8 was big Es opening. I was in my
2200 KCST 39 San Diego (id)	hi-fi store when TV broke; very strong
KEBS-15 San Diego (id)	CCI on local ch 6. Also tried DXing on
<u>26</u> Es 1040 KMID- 2 Midland TX (id)	FM, nice loggings w/double hop, see FM.)

(This report simply got put aside and forgotten. Apologies, Frank. dps)

Frank E. Aden, Jr., 5805 Flamingo Drive, Boise, Idaho 83704 (October) (MDT)

E skip died out Oct 1 here, getting only WOI-5 Ames IA & KTIV 4 Sioux City IA. There's been a lot of MS but no ids. Anyone who has photos of KFXD/KCIX-6 Nampa ID test patterns or id, and KBOI-2 & KTVB-7 Boise ID before 1960 who could sell me a copy, please contact me. 73. (Frank's November DX is in December column.)

Bill Heusmann, 1527 24th Street, Des Moines, Iowa 50311 (9 Nov - 8 Dec) (CST)

To put it simply, DX has been mighty slim this month....

<u>14</u> MS 0547 WOAI- 4 TX bullseye tp, gd burst (30) (Tr) 0004 KTSE 27 Topeka KS 2455 movie
<u>16</u> F2 0845 ORTF-F2 In abt 25 min, mostly vg D1 Tr 2357 WJYY-14 Jacksonville 5555 grainy
<u>29</u> Tr 2220 WEEK-25 Peoria IL 2355 <u>2</u> Tr 0810 KYNE-26 Omaha NE 3453 w/ IHTP
2222 WICD 15 Champaign IL 4555 lclsports 0815 KDUB-40 Dubuque 2455 RETIA & mx
2225 KCIT-50 KS City MO 2355 ABCmovie 0816 WNDU-16 S.Bend IN 5555 grainy
2229 WJYY-14 Jacksonville IL 5555 id 0823 WCIU-26 3553 10kHz offset w/KYNE
2231 KDUB-40 Dubuque IA 2455 ABCmovie 0825 WSNS 44 Chicago, mx, no video
2244 WNDU-16 S.Bend IN 2355 lcl ad <u>5</u> Tr 1527 KUSD- 2 Vermillion SD fair audio
<u>30</u> Tr 0002 KBMA-41 KS City MO 2455 movie <u>8</u> Tr 1730 KHME-29 Hastings slow deep fade

After Thanksgiving, F2 seemed to have dropped off, but is steadily improving as of late. Am now ready with an ultra-cheapy yagi for ch B1....hope I can still put it to good use! Wishing everyone a DX-filled New Year! 73.

Pat Dyer, 327 Solar Drive, San Antonio, Texas 78227 (9 Nov - 7 Jan) (CST)

Receiver: 1968 RCA color GJ721W. Antenna: Wards 11-el hi-low VHF, 15' up, fix-aimed SE.

<u>28</u> Tr 0000 KHOU-11 Houston TX Mi:185 (3) (Tr) 0038 KTRK-13 Houston TX 185
0130 KOSA- 7 Odessa TX 275 0041 KHOU-11 Houston 185
<u>29</u> Tr 0045 KRGV- 5 Weslaco TX 215 Es 2045 unid 2 Mexico ?
<u>D2</u> Tr 0030 KGBT- 4 Harlingen TX 215 2145 unid 3 Mexico ?
<u>3</u> Tr 0000 KOSA- 7 Odessa TX 275 <u>4</u> Es 1745 unid 2 Mexico ?

Also, on Nov 18, 2355, KHFI-TV 42 Austin TX came through. Though only 85 miles, considering the TV doesn't have any UHF antenna on its terminals and the local Ch 41, it is a bit of a rare catch. At least I got a few ID's this time. 50-MHz Es was noted on Nov 20, 21, and 22 as well as Dec 5 and 6. The Dec-3 Es from Mexico brought in the welterweight championship bout that was only being carried on closed circuit in US. Es provides practical things once in a while. By next time I should be able to come up with a few more Es ID's with the mid-December peak.

(Pat's report, continued)

18 Tr 1230 KOSA-7 Odessa TX Mi: 275 (28) Es 2030 unid- 2 (NBC)
28 Tr 0120 XHK -10 Monterrey NL Mex. 290 29 Es 2000 unid- 2

The December peak of Es this time didn't seem to show up here very well at all. Jan 4 50-MHz Es sounded like the TV should have been good, but I didn't get a chance to check myself. Dec 28 Ch 2 might have been KUTV since 50 MHz was open into there. Until next time, 73.

Les Prus, 1615 Pierre Street, Manhattan, Kansas 66502 (Oct, Nov, Dec) (CST)
07 MS 0515 WBBM- 2 Chicago IL 3 R500 29 Tr 1130 KHQA- 7 Hannibal MO 4454R280
10 MS 0545 WLW-D 2 Dayton OH 2 R650 KOMU- 8 Columbia MO 3333R225
0551 WVAR- 2 Baltimore MD 2 R1060 (E & S, semilocal QRM, condx 3 hrs)
N5 Tr 0030 KOMU- 8 Columbia MO 4453R225 D4 Es 1900 WTAR- 3 Norfolk VA 3234R1100
0040 WAND-17 Decatur IL 2353N310 1930 unid-2 "SouthernPerspective" 3133
0050 KPLR-11 St Louis MO 4453R330 (weak skip, 1850 to 1940)
0130 KMOX- 4 St Louis 4452R330 13 MS 0503 WKYC- 3 Cleveland OH 3 R790
0215 WOAD- 8 Moline IL 4453R350 0624 KPRC- 2 Houston TX 4 N660
0620 KTTS-10 Springfield MO 4453R180 (first good MS photo)
KRNT- 8 Des Moines IA 4445R225 29 Es (weak 1020 to 1050 ch 2; stronger
26 MS 0445 KYW - 3 Philadelphia PA 3 R1130 but very sporadic 1530 to 1600)
0511 WBBM- 2 Chicago IL 2 R500 1530 CJIC- 2 SltSteMarieOnt 24?2N800
0518 KDKA- 2 Pittsburgh PA 2 R870 1540 unid- 3 "BananaSplitsHr" 3332
0525 WLW-D 2 Dayton OH 2 R650 unid- 4 Canada-French prog 4343

I had a scare 26 Dec; got up 0500 for MSing and blooie!, lost my video. Luckily I found a wire to horz.hold coil had come loose so set was fixed after 4 hrs (whew). I watched carefully for Es all December, hoping for repeat performance of 23 Dec 1969 skip which started my DXing. At last, 29 Dec saw traces in morning, then caught unawares at 1530 with KQTV 2 (100mi) video (no CCI bars,etc) but loud-&-clear audio id of CJIC-2 Sault Ste Marie, a new logging. Tape recorder was on and ready but I wasn't fast enough. Skip built up quickly and lasted more than 20 minutes, but no more ids. 73, and Best of DX in 1971.

Fred McCormack, Des Lacs, North Dakota 58733 (December) (CST)
10 MS 0714 KTVO 3 Kirksville MO R690 13 MS 0755 KRTV 3 Great Falls MT N455
0730 WAVE- 3 Louisville (IN) R1035 0759 KFDX- 3 Wichita Falls TX R1000
11 MS 0535 WTTV 4 Bloomington IN N970 14 MS 0600 WKY - 4 Oklahoma City OK R900
0540 KGNC- 4 Amarillo TX R890 0600 KGNC- 4 Amarillo TX R890
0601 WKY - 4 Oklahoma City OK R900 0629 KARD- 3 Wichita KS R750
0615 WCIA 3 Champaign IN R860 16 MS 0608 KGNC- 4 Amarillo TX R890
12 MS 0520 KMOX-- 4 St Louis MO R865 0624 WLBT 3 Jackson MS R1245
0559 KTIV 4 Sioux City IA N460 29 Es 1559 WDCN- 2 Nashville TN R1120
0646 WKY - 4 Oklahoma City OK R900 30 MS 0620 WTMJ- 4 Milwaukee WI N750
0647 KGNC- 4 Amarillo TX R890 0623 KGNC- 4 Amarillo TX R890
0800 KCLF- 4 Butte MT N545

Meteor skip provided most DX during December with five new stations added by this mode. The shower from 10 to 14 was a very fine shower. I was surprised by the short distances of some loggings. The only other DX was an Es opening on 29 which lasted about two hours and reached to FM at times. It was very fadey, however, and only one station was identified. 73 and Good DX in '71.

Marv Garber, 2539 Kessler Blvd, Lincoln, Nebraska 68502 (8 Nov - 8 Jan) (CST)
Nov 29 tropo above average to virtually all directions. KOMC 8 (220mi)
KOMU-8 (265) KRCG 13 (290) plus many stations up to 200 mi also in well.
This opening wasn't as good here as it was further east, it seems.
Dec 11 MS 0045 WLW-D 2 in on 5-second burst w/ VAPI 5555.
Dec 27 MS 0109 WJLN-3 (585mi). Many super bursts around this time but no IDs.
Dec 29 brief Es opening to E-NE 1410-1500 when I had to leave.
MUF reached ch 4 briefly. WCBS-2 & CBFT 2 IDed. UnID FFC on ch 4 @ 1502, CKRN?
This report is indicative of condx here the past month: almost no DX, hri.
The great Es during the '69 Christmas season didn't occur here which was disappoint-
ing to say the least. I hope to have more next time. 73.

Best of DX to all

Dennis

# CENTRAL DX

Roger H. Brown  
624 Evergreen  
E. Lansing, MI 48823

February 1971

Next Deadline: February 15

TV-DX as noted by enthusiasts in Wi, Il, In, Mi, Oh, Pa and Eastern Canada

Ho-hum. The "doldrums" of winter are back upon us, and if it's all right with all of you, I'll finish this off...roll over and go back to sleep! Wintertime DXing ain't a whole lot of heart-thumping excitement but thanks to those good reporters that did take time to send in a report...no matter how short...my job is just a bit more fun. Talk about dedication...Morrie Goldman even PHONED in a report! An ex-editor knows how sad a column can be with no news!

The DX in these upper reaches of the spectrum has been a bit sparse for most with a few exceptions. The minor winter peak for Es was not witnessed by TV DXers in the Midwest. Two reporters in the Eastern end of the "central" region noted strong Es on several days...December 6 and 29, and January 3 and 11. As I recall, that's better than last year, and could mean good things for spring and summer! For details, note reports below from Hayes and Rosenberg.

Tropo, typically was nearly nonexistent. I had a couple of above average days here but neither were barn-burners. The winter's weather across the entire region has been damp and fairly cold. The one bit of warmer weather was accompanied by high winds.

For the record...

Joel Rosenberg, 47 Pannahill Road, Downsview 475, Ontario, Canada EST

11-28 Tr 2100 Us to 200 miles	1-1 Tr 1400-2000 WJET-24, WSEE-35 Erie
11-30 Tr 1800 WBRE-28 Scranton, Pa. WPGH-53 Pittsburg, Pa. offsets on all Vs.	WUAB-43, WVIZ-25, WKBF-61 Cleveland WENY-36 Elmira, WCNY-24 Syracuse, WOKR-13, WXXI-21 Rochester, etc.
12-6 Es 0020 Unid to SW	1-3 Tr 1230 on all of above plus WBRE-28, WFMJ-21, WAKR-23.
12-7 Tr 2111 WUTV-29 Buffalo, NY testing (something else to look forward to this summer gang!)	Es 1605 Unid NBC on ch 2
12-29 Es 1629 KNOP-2 North Platte, Nb 1655 KUSD-2 Vermillion, SD plus unids to ch 5. Cut at 1702	1-4 Es 1550 Unid NBC on ch 3

"Too bad the skip didn't get strong except on 1-29. Being on holiday allowed me to be around all day to wait for it to build up! Have been trying some MS hen locals on 2-4 off with not too much success but it's exciting to watch the pictures flash by on my lousy old receiver." (...but couldn't you have pushed those Es this way J.J.?! Thanks for the complete report. RB)

Jim Hayes, 9 Henry Street, Wilkes Barre, Pa. 18702 EST

12-6 Es 1540 WBRZ-2 Baton Rouge, La 1600 WCBI-4 Columbus, Ga.	12-29 Es 1600 KDLO-3 Garden City, SD
12-11 Tr 1600 WSKG-45 Binghamton, NY	1-3 MS? 1400 WSB-2 Atlanta, Ga (Es?) 1-11 Es 1530 WLBT-3 Jackson, Miss WBRZ-2 Baton Rouge

The opening of the 11th brought very intense Es, to the top of the FM band! Tropo very low as usual.

Chuck Dobbins, 12851 Longacre, Detroit, Mi. 48227 EST

10-19 MS 0458 WESH-2 Daytona Beach, Fla. 1-4 MS 0522 WCBS-2 New York, NY  
1-2 MS 0527 KYW-3 Philadelphia, Pa.

My log for 1970 includes 37 stations received in 9 states. Have a new daytime job (old work kept me busy from 2200 to 0800) so I hope to catch more MS and plenty of tropo this summer! Am looking for V and/or U preamp. (...with your locals, there might be a chance of overload Chas. Your getting the idea with MS chasing. Hope to hear more!! RB)

John Robertson, 6055 Gardner Line, Croswell, Mi. 48422 EST

11-8 Es 2029 KACB-3 San Angelo, Tx (1300) 11-30 (cont) Tr 1730 WLBC-49 Muncie, In.  
11-30 Tr 0945 WTAP-15 Parkersburg, WVa (270) (250)  
1028 WKEF-22 Dayton, Oh (240) 1829 WARD-19 Johnstown, Pa. (270)  
2200 WPGH-53 Pittsburg, Pa. (230)

(A little more of that business from last month...and some nice ones too! RB)

Gary Olson, 1203 Kenton Rd. Deerfield, Il. 60015 CST

From 12-6 to 1-4...not a #\$\$"& thing seen or heard. (I thought even no news would be good at this time of the year...) (Right on Gary! Thanks! RB)

Bill Draeb, Ellis St., RR #2, Kewaunee, Wi. 54216 CST

12-13 MS 0637 CBOT-4 Ottawa, Ont. 12-20 MS 0640 CBOT-4 Ottawa  
12-19 MS 0612 WRC-4 Washington, DC

Saw some nice strong bursts on ch 8 during the Quantarids meteor shower but these were between 1020 and 1330 so no IDs. Saw weak Es on 12-14, 26 and 27 but no IDs. Have never been able to ID CBOT-4 before, though I've seen it many times. Haven't been getting up like I used to for MS...guess my bed is getting to feel better on these cold winter mornings! (...how cold does it get in Kewaunee? Well...if Bill stays in the sack...! RB)

Morrie Goldman, 5815 N. Christiana, Chicago, Il. 60645 CST

1-13 GW 1415 KS2XBR-38 Chicago, Il. testing. Zenith owned experimental station, on very infrequently (1 KW RB). Showing TP and testing Zenith's pay TV scrambling device(s). Scrambling included repolarization, breaking picture into many bands, and hashing sound. (Morrie will have a better description at another time, in the Digest. Now then...to clear up something...Morrie has NOT been drafted! He is in the US Army Reserves and will be entering Basic Training in a few months. RB)

Roger H. Brown, 624 Evergreen, E. Lansing, Mi. 48823 EST

12-18 Tr 0800 WDHO-24 near snow free, 1-14 Tr 1115 So Bend, WIMA-35, CCI from  
WIMA-35, WVIZ-25. probably WEHT-25, several unids.  
0820 WKPI-22 Pikeville, KY (380) 1300 WKSO-29 Somerset, KY (400)  
0825 WKHA-35 Hazard, KY (390) 1310 WKMR-38 Morehead, KY (330)

The period from 1-12 to 1-14 included improved tropo to East (WSEE-35) plus the Ky. Us on 1-14. Both of these "openings" brought some improvement in tropo stations like Lima and Cleveland, but neither were spectacular.



Some brief notes. The Brown's will not be moved in time for the next reporting session. Send reports to the old address. Send your reports for the APRIL VUD to 1617 Linden Street, E. Lansing, 48823. (phone # still 517-351-6126)

Several of the reporters have expressed concern over some doubtful reports appearing in this column during the past year. I will tighten up my editing a bit but if a reporter SINCERELY believes he received the station in question, based on Glenn Hauser's general rules...I'll use the reports. I will be in contact with the reporter involved. I have been more than leery of some reports, but I really can't play dictator.

By the way...I personally have no use for veries. They are fine for additional enjoyment of the hobby but they hold NO water with me as PROOF of reception. I have sent for one verification. In the late 50's (...I was very young then, you understand...about Olson's age...) I asked WKAQ-2 for a verie...which I received in a nice letter from the CE, along with a program schedule. The latter showed that WKAQ was not on the air when I "received" them. Do you need more?

One last item. It was my extreme pleasure to spend an evening during Christmas week with infamous DXers Goldman, Heusmann and Olson. You understand of course that I have never been in the company of more than one fanatic at a time. The company was charming, the beer was outasite, and can Heusmann ever take good movies! You haven't seen anything until you've seen rain on the window of a VW bus "at speed" through quaint Quebec countryside. Actually, all we saw were waterspots...but Bill says his DX looks just like that...fantastic. ENOUGH! 73s, best DX. Rog

## 1971 STATION LISTS

WE HAVE BEGUN WORK AGAIN ON A BIG PROJECT: A TV AND FM STATION LIST THIS TIME WITH MAPS. WHILE THE FM SECTION SEEMS RELATIVELY EASY TO BEGIN, THERE IS A LOT OF WORK INVOLVED NEVERTHELESS SIMPLY BECAUSE THERE ARE SO MANY FM STATIONS IN NORTH AMERICA AND THE SITUATION CHANGES DAILY DUE TO CHANGES OF CALL LETTERS, POWER, TOWER HEIGHT, FORMAT, ETC, ETC. HQ ASSISTANT BRUCE ELVING IS HEADING THE WORK "TEAM" ON THE ENTIRE FM SECTION. IF ANY OF YOU WISH TO OFFER ASSISTANCE ON THE TV OR FM SECTIONS, PLEASE WRITE TO THE RESPECTIVE SECTION HEAD. BILL HEUSMANN IS HEADING THE TV MAPS SECTION AND WE CURRENTLY HAVE NO HEAD FOR THE TV LIST DEPARTMENT, BUT DON'T ANTICIPATE ANY DEFFICULTIES BECAUSE OF THIS, AT THIS TIME..

IN PARTICULAR, FOR BOTH LISTS, WE NEED KEYPUNCHERS TO TRANSFER ALL THE INFORMATION TO IBM CARDS FOR CONVENIENCE IN PUBLISHING AND KEEPING THE LIST UP-TO-DATE IN THE FUTURE. (THE LATTER IS ESPECIALLY IMPORTANT). WE DON'T EXPECT ONE PERSON TO DO ALL THE REQUIRED KEYPUNCHING, WHICH WOULD BE ABOUT 2400 FM STATIONS AND 1000 TO 1800 TV (DEPEND- ING ON WHETHER WE INCLUDE TRANSLATORS OR NOT). ANOTHER THING NOT YET DECIDED IS WHETHER WE'LL BE PUBLISHING ALONE OR COOPERATING IN A JOINT PROJECT WITH NRC (NATIONAL RADIO CLUB). NRC PUBLISHES A BCB LIST WHICH IS THE BEST AVAILABLE ANYWHERE AT ANY PRICE, AS SOME OF YOU ALREADY KNOW. NRC FEELS (AS DO WTFDA STAFF MEMBERS) THAT A COMBINED AM, FM, AND TV LIST OF THE QUALITY AND COMPLETENESS OF THE NRC BCB LIST WOULD HAVE A TREMENDOUS SALES POTENTIAL BECAUSE THE ONLY CURRENT LISTS AVAILABLE (JONES AND WHITE LOGS) ARE INACCURATE, INCOMPLETE AND SELECTED OTHER ADJECTIVES. WE COULD HIRE A KEYPUNCHER BUT THIS QUITE COSTLY OBVIOUSLY. AS A LAST RESORT WE MAY HAVE TO ANYHOW, BUT THE COST WOULD HAVE TO BE ADDED TO THE SALES PRICE OF THE FINISHED LISTS, OF COURSE. ONCE THE KEYPUNCHING IS FINISHED, THE ACTUAL PUBLISHING IS A RELATIVELY FAST AND EASY PROJECT. STATION LISTINGS BY FREQUENCY/CHANNEL, BY CALL LETTERS, BY LOCATION CAN ALL BE DONE IN VERY LITTLE MORE TIME THAN IS REQUIRED FOR ANY ONE OF THESE LISTINGS; IF EVERYTHING WERE DONE BY HAND, THESE THREE LISTINGS WOULD REQUIRE THREE TIMES AS LONG! RANDY MILTIER HAS ALREADY OFFERED A SAMPLE MAP RECENTLY FOR TV, AND IN THE PAST YEAR OR SO THERE HAVE BEEN A COUPLE OTHER VOLUNTEERS FOR SIMILAR TV MAPS. ALL MAPS SO FAR HAVE BEEN LACKING IN ONE RESPECT OR ANOTHER SO WE DO NOT HAVE A DEFINITE COURSE OF ACTION IN MIND AS YET. BASICALLY, WE REQUIRE A MAP OF THE USA WITH NORTHERN MEXICO AND SOUTHERN CANADA INCLUDED; THE OUTLINE OF EACH STATE AND PROVINCIAL BORDER IS SUFFICIENT FOR THE ACTUAL MAP. FOR EACH STATION THERE IS TO BE LISTED THE CALL LETTERS, NETWORK AFFILIATION (ONE LETTER PER NETWORK), AND THE OFFSET FREQUENCY (+, -, 0) IS TO BE PLACED AT THE EXACT LOCATION OF THE CITY. THERE WILL BE ONE MAP FOR EACH VHF CHANNEL AND ONE MAP FOR EACH GROUP OF UHF CHANNELS--THE EXACT NUMBER OF CHANNELS PER MAP IS ARBITRARY. MAP SIZE IS ALSO SOMEWHAT ARBITRARY AT THIS TIME BUT PROBABLY 8 $\frac{1}{2}$ X11 OR 8 $\frac{1}{2}$ X14 IS BEST.

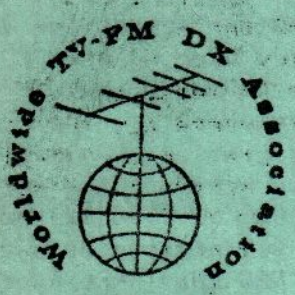
MEMBERS DUE FOR RENEWAL: IN MARCH:

BILL BENS	EDWARD PELISSIER
RAY BELL	JOHN RAMSEY
JOHN CAMPION	ROGER CARRIERE
PAUL CICERI	MARV GARBER
PAT DYER	CHAS. SPELLMAN
DAVID GLENN	WM. WOODFIELD
BILL GRANT	ALLEN ROCKFORD
FRED NORDQUIST	BILL SMITH

IN FEBRUARY:

BOB COOPER	BRUCE METZNER
EDWARD DUNKESON	LESLIE PRUS
JOHN DYCKMAN	JOHN ROBERTSON
STEVE HOWARD	VERRELL TALLEY
JESSE MARX	FRANK WHEELER
	ROGER WINSOR

JUST A REMINDER THAT THE EMBLEM SHOWN LAST MONTH FOR SALE AT \$2.00 EACH IS STILL AVAILABLE. THIS IS THE GLOBE WITH ANTENNA EMBLEM THAT HAS APPEARED SEVERAL TIMES THE PAST 6 MONTHS INSIDE A CIRCULAR CLUB NAME. WE HELD OFF MAILING DECEMBER ORDERS TILL AFTER THE HOLIDAYS BUT FROM NOW ON WE WILL GIVE FAST DELIVERY. SEND \$2.00 CHECK OR WHATEVER TO WTFDA HEADQUARTERS.



BOX 5001  
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