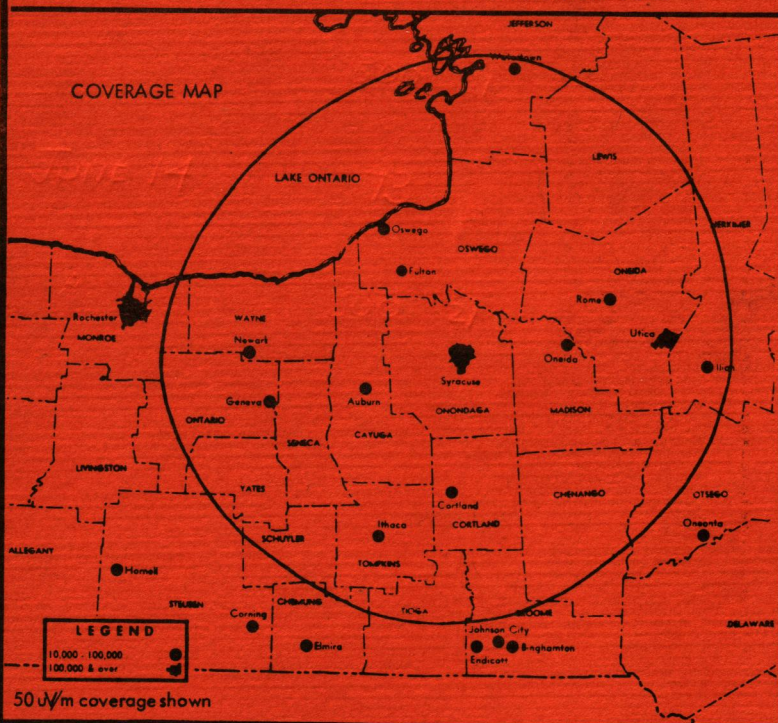


# VHF-UHF DIGEST

1973  
JUNE

THE ONLY FINE ARTS FM STEREO IN CENTRAL NEW YORK



# WONO

Broadcasting with 10,600 watts for 18 hours a day - full time FM STEREO

WONO blankets THE CENTRAL NEW YORK AREA ...

# **publishers' notes...**

**WTFDA HEADQUARTERS, P.O. BOX 163, DEERFIELD, IL 60015 USA**

**ANARC CONVENTION ANNOUNCED...** The Association of North American Radio Clubs has announced a confirmed convention site and date. The convention is to be held in San Diego, California on the weekend of July 27-30. The convention is to be hosted by Fr. Jack Pejza (of the IRCA) at the "Fabulous Inns of America", near the intersection of I-5 and I-8. Registration fee is \$5. Room rates vary with number in party. We have no address to write for reservations of further info, but a letter to ANARC HQ will certainly be forwarded. ANARC, PO Box 3012, Jackson, TN 38301.

**"MAN OF THE YEAR AWARD" NOMINATIONS NOW BEING ACCEPTED...** From now until June 20th, nominations are being accepted for the 1973 ANARC Man of the Year Award. This award is given annually to someone in the DX hobby who has made significant contributions (either in the past year or for a number of years) to the hobby. Those wishing to nominate someone for this award should write to the chairman (Dan Ferguson, 1521 Smith Road, Apt. 7, Charleston, WV 25314) detailing the reasons for believing the award should go to the person being nominated. It should be noted that only data contained in the nomination, or data already available to the members of the committee, will be used in making the decision. Therefore, full data should be given in the nomination letter. In addition, nominations are also being accepted for the ANARC merit awards. Winners will be announced at the ANARC convention.

**WTFDA CONVENTION NEARS...** The first weekend in August is a lot closer than you might think! Convention host Bob Seybold is hoping that most members planning to attend will make early reservations. It's easy to do-- just fill out the reservation form, or drop a letter to Bob. Full convention details are on page 31 of this issue. SEND YOUR RESERVATION! TO BOB TODAY!!

**DESTRUCTION IN NEW ORLEANS...** The custom built tower of Ron Le Blanc (featured on our September 1972 cover) has met with disaster. Ron informs us that a guy wire snapped, causing the tower to whip back and break up. The tower and antenna system, all 70' worth, was a total loss... And as if that wasn't bad enough, when the tower fell, it hit a fiberglass boat in his neighbor's back yard. You think you've got troubles?

**Es SEASON WELL UNDER WAY...** The 1973 Es season seems to be off to a good start. Although the results are not visible in this month's reports-- or lack of them, we'll see plenty of new loggings in next month's VUD. This again brings me to the subject of preparing column reports... Your editors will be receiving a large number of reports in the coming months. To make it easier for them to prepare their columns, please keep your report neat. Type or print, if possible, on a report form, or in the form used by your editor. List your loggings in the order received, and try to eliminate the very common tropo loggings noted. Send your un-identified loggings directly to the CCI editor. Your editors will appreciate your help.

**NOTES OF NOTE...** A new company, Spectrum Enterprises, is now offering VHF Radio directories for sale. The first in their series covers Chicago area police, fire and local government. 8 pages for \$1.25, from PO Box 253, Deerfield, Illinois 60015... WTFDA is no longer accepting orders for club rubber stamps. We have had problems with our supplier, which have not yet been corrected... 1/2" videotape is available at very low prices, in bulk, from: General Supply, Box 14628, Houston, Texas 77021. Information is free. 73. Gary and Morrie



# MEXICO

THE LATEST DEVELOPMENTS

JUNE IN TELEVISION AND FM  
1973

...by Glenn Hauser

ANOTHER WEEK IN MEXICO gained us a lot more information about TV and FM, especially in the states of Coahuila, Nuevo Leon and Tamaulipas--plus a crumpled fender!

TELEVISION CULTURAL DE MEXICO repeaters may spring up anywhere there is a microwave relay station and sufficient locally-raised funds to pay for the transmitter. The three we saw, in Piedras Negras, Allende and Sabinas, Coahuila were all 100-watt translator-type transmitters, fed to yagis mounted atop the microwave towers. It seems quite likely the unidentified ch 6 (actually about 88.1 MHz audio) we heard from the west in Von Oray was the TCM repeater in Piedras Negras, which has been on ch 6 since its inception last August--despite various listings on 12 and others! It went out of order a couple days before we arrived 8 May, but they hoped to have it back on in short order. DXers should note that programming on TCM repeaters can originate from any of the Mexico City channels, with some TCM-only programming and TCM IDs (none local, of course). TCM isn't strictly cultural--it carries such things as sports, variety shows, and Lassie. The TCM schedule (as of March): Weekdays 1400-2430; Sat. 1020-1400 & 1600-2330; Sun. 1130-1400 & 1600-2320 (CST). TCM-originated shows one week were scheduled Tues. & Fri. 2200-2300; Wed. & Fri. 2030-2100; Sat. 2100-2200; Sun 2000-2030. Various sources give us these TCM repeaters in addition to the ones in our April article and on the next page; we are not adding them to our master list until certain of the channel and a power of 100 watts or more:

- |                     |                      |                       |                      |
|---------------------|----------------------|-----------------------|----------------------|
| 3 Benjamin Hill Son | 5 Pitiquito Son      | 7 Villahermosa Tab    | 12 Durango Dgo       |
| 4 Cd. Carmen Camp   | 7 *Isla de Cedros BC | (some say ch 9)       | 13 San Cristóbal las |
| Cd. Delicias Chih   | San Juan de los      | 8 *Guerrero Negro BC  | Caas Chis            |
| Cd. Maderna Ghih    | Lagos Jal            | 9 Guaymas Son         | *--video-cassette    |
| 5 Altar Son         | Salina Cruz Oax      | 10 Comitán Chis (13?) | (non-interconnected) |

Piedras Negras Coah viewers must depend on Eagle Pass TX CATV not only for US nets but for Mexican TV (aside from the sporadic TCM repeater). Their end-of-the-line microwave station has capability for only one TV channel--TCM. So the CATV system thru its Mexican-side counterpart plays skewy tapes of some Mexican shows and carries KWEX-41, which airs other Mexican tapes of slightly higher quality. No one knew of a ch 12 CP in that city. XHBW-9 Monclova has a 2-bay antenna on a short stick, dwarfed by an immense, much higher microwave tower a block away; one wonders why the XHBW antenna isn't moved atop the microwave tower. No local IDs pass on XHBW-9 and there is no TCM repeater in Monclova. Monclova does have a CATV system, however, as do Monterrey and Reynosa, where we learned there has never been an XERV-9 or any other local repeater on the air, nor is one likely with the advent of CATV.

XEFB-3's unique ch 83 translator in Zapata TX has never been seen in Von Oray; visiting the town we learned it had been off more than 10 years--despite much more recent listings in TV Factbook. Likewise, CATV has driven off the Carriso Springs TX translators.

MONTERREY NL is due for a fifth "Canal Cultural" come September. Under auspices of the Instituto Tecnológico, ch 8 is under construction near the university in the SE part of the city. No power is known, but it should be low, as it is short-spaced to KGNS-8 Laredo. In last year's enigmatic Official Stations list, XHFN was the call given for Monterrey-8. Monterrey is cupped by high mountains from the north westward to the SE, but DX paths to the NE are unobstructed.

gets out best, and now we transmits from the high SE of the city. That inaccessible site is lit up at night, easily visible from the average terrain far below. Crews ascend for weekly or two-weekly shifts, reaching the top on muleback. XEFB-3 and XHX-10 transmit from the much lower Cerro El Mirador south of the city, tho the old self-supporting tower remains at the downtown studios. XHAW-12 transmits from the same 29-floor downtown building as XHSRO-92.5 (no relation), but plans a move to Loma Larga, not far from El Mirador, where room has been reserved for it and two more FMs in the XHRL-98.1 transmitter building. This Loma is only about 250m above the city, lower than both the other sites; a nearby airport pre-

## MONTERREY

We've long noticed that XET-6 know the reason. It alone

Cerro de la Silla mountain



XHSRO-FM 92.5 mc.

vents towers very far above the ground. At XEFB-3 we had a very informative visit with CE Ing. Alfonso R. Tames, who showed us his 1972 DX report file, from such people as Goldman, Hostetler, Kirkpatrick and several potential new WFFDA members: XET-6 studios were a depressing shell--not only because local production has been eliminated, but because a lightning strike had burnt out most of the house lights. We did learn that some filmed programming is still shown locally (see the updater on next page).

XET-94.1 now uses the self-supporting former XET-6 tower at the former studios. "Stereo 94" operates from a penthouse atop the vacant building, accessible only by spiral staircase or ladder. Most broadcasting in Monterrey is organized into extensive "grupos". Estrellas de Oro, for instance, comprises 6 AM stations and 2 FM CPs in one studio complex, XHAW-12 in another place (XAW-1280 being the group's key station), and the separately-owned subgroup of XHRL-98.1 and two sister AM stations including XEG-1050 (yes, the one with all the preachers!) whose studio it adjoins. Chica's manager agreed with me that fuller IDs would be a good idea!

Grupo Radio Alegria studios house the XHRK-96.5 and XENV-90.0 transmitters; neither is legally allowed to serve as an AM link any longer. Still, they continue simulcasting XEJB-570 and XENV-1340. XHRK-96.5 carried experimentally for a short while XEFV-1110 programs to extend daytime "R. Kono-La Mascota Musical" into the evening. XHXL-90.1 still hasn't been born tho it appears in GRA publicity. Talk was that these two FMs plus the next two would organize into a "Grupo FM".

XHSP-99.7 is the newest FM, having come on in April, with IDs only as "Stereo Ritao"; it never mentions Monterrey and has no proper sign on/off announcements. To top this, XHSP is operating on approximately 100.2, putting it uncomfortably close to XHMG, which in turn seems to have slid closer to its nominal 100.5. We left a message for XHSP's manager, urging full identification and frequency correction. Both 100 MHz stations have 4-gain antennas on their low downtown buildings. We tried to visit XHMG-100.5 three times on two days, but despite its 24-hour schedule, no one ever came to the opaque wooden door with crudely-painted call letters--the city's only AM, FM or TV we didn't succeed in entering! KBFM-104.1 Edinburg TX almost amounts to another Monterrey local, since it's audible on the car or portable radio just about anywhere in the city--even inside Huasteco Canyon.

Monterrey's 148-174 MHz band is chock-full of FM links for various AM and FM stations; we heard them all; some are about to move above ch 13 to relieve the congestion: XENV-1340 has often had its programming relayed on competitor XETKR-1480 after the latter's adjacent frequency link signs off! Some of these should provide fine DX targets during intense Es or tropo openings from Monterrey. We have given the approximate directionality for some, deduced from known studio and main transmitter locations; powers are low, generally 10-50 watts (5w for 940 MHz, 13w for 217.3.) First a Sabinas Coah link plugged as an FM outlet:

173.24	XEBX-610	(Sabinas Coah)	05-23	W	(60 watts)
149.24	XEMR-1140	"La Nueva MR"	24h	NE	(to move to 217.425)
149.3	XEAU-1080	"Radio AU"	days		
152.9	XEH-1420	"Radio Actualidades"	06-23	NE	(same as XHQQ-93.2)
153.14	XEJB-570	"El Cañonero del Cuadrante"	05-24		(same as XHRK-96.5; move 217+)
165.08	XERC-690	"Onda Groovy"	06-01	NW	(to move to 217.725)
165.5	XELZ-1240	"Radio Felicidad"	06-24		
165.68	XET-990	"La T de Monterrey"	24h	NE	
173.48	XEG-1050	"Radio Melodía"	24h		(English at night)
173.6	XETKR-1480	"TKR"	06-24		(to move to 216.225)
173.66	XENV-1340	"Radio Alegria"	24h	E	(to move to 217.275)
217.1	XENL-860	"Radio Recuerdo"	06-24	N	
217.3	XHRL-98.1	"La Chica Musical"	07-02	SSE	(at times 24h; stereo)
217.?	XHQQ-93.2	"Radio Actualidades"	06-23	SSE	(same 152.9, XEH-1420)
940.0	XEFB-630	"XEFB"	06-24	E	

UPDATER to last month's FM & TV lists:

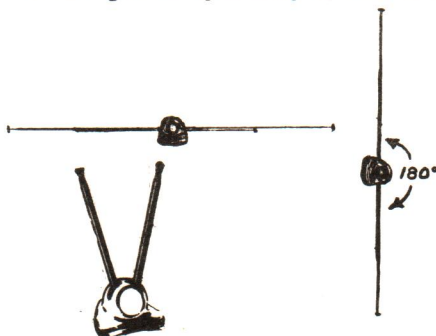
90.0	XENV-	power 0.075; relay, not link; hrd May 73	100.5	XHMG	hrd near nominal freq, May 73
93.2	XHQQ	relay, not link; add dp to format; sked 06-23	102.5	XHEC	sked 09-22, Sundays 10-14
94.1	XET-	add cl to format	3	----	add Sabinas Coah, 0.1 kw, net-TCM
95.44	XHOX	freq varies; here Apr 73	5	XHCC	indicate net as TCM, not 11
95.7	XHPJ	add CP, 6. kw, Monterrey; format io is	6	----	add Piedras Negras Coah 0.1 kw TCM
96.5	XHTA	format aa au; no annts; 24h	6	XET-	change net to L+8; W. 1330-1530
96.5	XHRK	relay, not link; CP for 1. kw	8	XHTM	sked Sun 1030-1330, Mon 0030-0200
97.3	XHRE	"R Ensueño", sked 0830-20 (but carrier remained on past 2300)	8	XHPN ?	add CP Monterrey NL; net-L cultural
98.1	XHRL	add sked; 24h Sat Sun (also-hrd all night on a Wed)	10	XHX	sked +1045-1145 for net-2
98.9	XHJD	add CP, 6. kw, Monterrey NL; tentative "Estereo Recuerdo"	11	XEDI	Ciudad Juarez Chih 5. kw authorization; status uncertain
99.3	XHMS	sked 08-22 (soon to -24)	11	XETT	Chihuahua Chih 0.2 kw authorization offset -; status uncertain
99.7	XHSP	CP is on, but on 100.2 (qv)	11	XHBR	seen May 73 w/full net-2 schedule, no switchover to XEFB-2
100.2	XHSP	add Monterrey NL, 4. kw, "Stereo Ritao" \$ 07-23 hrd May 73 nom 99.7	12	----	add Allende Coah, 0.01 kw, CP for 0.1 kw, net-TCM
			12	XHAK	change net to TCM
			14	XHEM	CP is on (per antenna ad on XHEC-3, May 73)

## TEST YOUR E-SKIP KNOWLEDGE WITH A TRUE/FALSE QUIZ

- 1.) You need a rotatable, high, multielement fringe area antenna to log most E-skip.
- 2.) E-skip starts at the lower channels first, then moves up to the higher channels.
- 3.) If you log a channel 5 or 6 skipper, there is a good chance you will identify a channel 2 station transmitting in or near the same town.
- 4.) Diagonal bars and unusual offset during E-skip openings are always due to the fast fading signals.

1.) FALSE. The directional qualities of a good, rotatable deep-fringe antenna system are obviously desirable to null out locals on the same channels. However, since E-skip signals are usually strong, many E-skipppers can be logged on modest gain antennas at low heights, even rabbit ears, if local interference is minimal. In fact, unless good trapping systems are used, excessive antenna height in areas close to many strong locals can cause severe adjacent channel interference that inhibits E-skip reception.

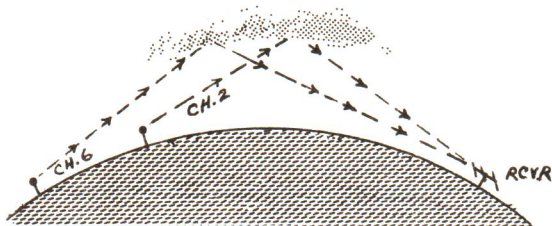
Surprisingly, rabbit ears are often preferred to an antenna system that cannot be rotated (assuming your skip stations don't come from one direction only), since the ears can be repositioned for best picture. Besides pivoting and arranging the ears so that they are 180° apart, try changing the polarization by holding the antenna perpendicular to the ground (pointing up and down) or diagonally for the best picture.



2.) TRUE. Skip will almost always start at the lowest open (ie, not strong local) channel and work its way up. However, if a DXer is so located that no lower channels (2, 3, for example) exist in a given direction, skip may begin at channel 4, for example. Obviously, when the receiving and transmitting points are within the USA with its multitude of stations, skip signs virtually always start at the lower channels.

3.) FALSE. For two reasons, this statement is generally untrue. First, as skip becomes more intense and increases to higher channels, the optimum distances over which the lower E-skip channels return to earth decrease. For example, during an intense opening, channels 5 and 6 might be received at 1000 to 1200 miles, but channels 2 and 3 may be received in the same direction at 500 to 800 miles. Pat Dyer has often published data relating skip cloud heights and distances over which radio waves may be received at various frequencies.

Second, as skip intensity increases and the higher channels become visible, the lower channels often become jumbled with several DX stations, sometimes making identification difficult.



4.) FALSE. Although rapidly-fading E-skip signals can cause unstable horizontal and vertical sync in poor receivers, diagonal bars and/or offset bars not of the usual 0, 10, or 20 kilohertz variety are not due to poor sync. Most likely, the received station is running "off-frequency". This is especially common among Mexican stations as noted by several southern USA DXers.

Also, the horizontal and vertical standards of some countries differ. This may make any attempt to stabilize the picture impossible because receivers used may have limited horizontal and vertical range.

73s

*Dave*

**New!** -of Special Interest to DX'ers...

DATE	Pr	STATION	CH/FR	PROGRAMMING INFO,
T-IN T-OUT				

WTFDA DX LOG SHEETS

**\$2.00**  
postpaid

Time Standard \_\_\_\_\_ Page \_\_\_\_\_

ANNOUNCEMENTS AND OTHER DATA				V	A	F	I	#	QSL
									S
									R

100 sheets to a pad and punched for a 3 ring binder. Full size is 8 1/2 x 11".

An ideal way to keep your TV, FM or VHF running log!  
Your loggings will be neat and easy to read.

JUNE 1973

Deadlines:

- 12 Jun (\$S 88)
- 12 Jul (48 FMSB)
- 10 Aug (58 TVSB)

# STATISTICS

EDITOR:

Glenn Hauser  
(new!) Box 300  
Von Ormy TX 78073

## CHANNEL 2 SKIP TVDX RECORDS

Call	Location	Miles	DXer	Location	Logos
WAIQ	Dozier AL	1925	Robert Cooper,	Fresno CA	
KBNV-	Anchorage AK	3100	Richard Lowry,	Temple TX	
KFAR-	Fairbanks AK	3125	Richard Lowry,	Temple TX	
KOAI	Flagstaff AZ	1785	Robert Seybold,	Dunkirk NY	
KETS	Conway AR	1215	Bill Grant,	Worcester MA	
KNXT	Los Angeles CA	2150	Robert Seybold,	Dunkirk NY	CBS 2
KTVU	Oakland CA	2285	Richard Nieman,	Buffalo NY	
KTVR	Denver CO	1495	Ron de Neuf,	Ithaca NY	
WESH-	Daytona Beach FL	2540	Doris Johnson,	Longview WA	
WPBT	Miami FL	1315	Glen Neal,	Sayre OK	
WSB-	Atlanta GA	2180	Doris Johnson,	Longview WA	
KONA	Honolulu HI	3980	Bedford Brown,	Hot Springs AR	
KBOI-	Boise ID	1840	Robert Seybold,	Dunkirk NY	
WBBM-	Chicago IL	1730	Robert Cooper,	Fresno CA	CBS 2
WTWO	Terre Haute IN	1160	Fred Nordquist,	White Sands	MR NM
WMT-	Cedar Rapids IA	1940	Doris Johnson,	Longview WA	2
KCKT	Great Bend KS	1460	Ray Barstow,	Teaticket MA	
WERZ-	Baton Rouge LA	2000	Doris Johnson,	Longview WA	
WTWO	Bangor ME	2595	Ed Hepp,	Portland OR	
WMAR-	Baltimore MD	2360	Doris Johnson,	Longview WA	
WGBH-	Boston MA	1470	Glenn Hauser,	Enid OK	
WJBK-	Detroit MI	1965	Dennis Smith,	Wasco CA	
KTGA-	Saint Paul MN	1440	Doris Johnson,	Longview WA	
WMAA	Ackerman MS	1145	Jeffrey Warren,	Framingham MA	
KFEQ-	Saint Joseph MO	1475	Doris Johnson,	Longview WA	
KTVI	Saint Louis MO	1775	Jim Dineen,	Aberdeen WA	
KOOK-	Billings MT	1450	Robert Seybold,	Dunkirk NY	
KNOP-	North Platte NE	1230	Gary Krosner,	Auburn NY	
KLBJ-	Las Vegas NV	1780	Frank Hill,	Gallipolis OH	
KTVN	Reno NV	1425	Robert Grace,	Franklin TX	
WGR-	Buffalo NY	2175	Robert Cooper,	Fresno CA	
WGBS-	New York NY	2510	Randy Miltier,	Campbell CA	
WKTU	Utica NY	1285	Robert Cooper,	San Jose CA	
WUNB	Columbia NC	1530	Glenn Hauser,	Enid OK	
WPMY-	Greensboro NC	2315	Fred McGormack,	Des Lacs ND	
KDIX-	Dickinson ND	1550	Doris Johnson,	Longview WA	
WLWD	Dayton OH	1965	James Howarth,	Worcester MA	
KVCO-	Tulsa OK	1965	Ed Hepp,	Portland OR	
KOTI	Klamath Falls OR	1540	Doris Johnson,	Longview WA	
KATU	Portland OR	2130	Robert Seybold,	Dunkirk NY	
KDKA-	Pittsburgh PA	2140	Robert Seybold,	Dunkirk NY	
WUSN-	Charleston SC	2155	Ed Hepp,	Portland OR	
KUSD-	Vermillion SD	2430	Ed Hepp,	Portland OR	
WDGN-	Nashville TN	1375	Doris Johnson,	Longview WA	
WSJK	Sneedville TN	1145	Jim Pizzi,	Santa Maria CA	
KPRC-	Houston TX	1340	Fred Nordquist,	White Sands	MR NM
KMID-	Midland TX	1990	Fred Nordquist,	White Sands	MR NM
KUTV	Salt Lake City UT	1550	L. A. Canning,	Halifax NS	
KREM-	Spokane WA	1695	Dave Swanson,	Romulus NY	
WBAY-	Green Bay WI	1885	Norm Erint,	Kenmore NY	
KTWO-	Casper WY	1725	King Schkfer,	Kenmore NY	
CHCT-	Calgary Alta	1725	Robert Cooper,	Fresno CA	
"CBKAT2"	High Prairie Alta	2150	Ross Harvey,	Goose Bay Labrador	
CHSA-	Lloydminster Alta	1720	Frank Wheeler,	Erie PA	
CHCC-	Kelowna BC	800	Fred McGormack,	Des Lacs ND	
CKPG-	Prince George BC	1390	Roger Brown,	East Lansing MI	
"CBUT"	Vancouver BC	1970	Robert Seybold,	Dunkirk NY	
		975	Fred McGormack,	Des Lacs ND	
		2145	Norm Erint,	Kenmore NY	

NOTE: Call signs listed are those in use at the time of the original DX reception. Some cities and channels have also changed.



BATON ROUGE, LA



WCBS-TV 2 CBS



WGR-TV BUFFALO NY



KPRC-TV



FROM VANCOUVER

STATISTICS



REGARDEZ BIEN  
REGARDEZ  
RADIO-CANADA  
AU CANAL 2

TELEVISIA:



CKCW- Moncton NB	2725	Doris Johnson, Longview WA
CFCL-2 Kearns Ont	1345	Ron Le Blanc, Marrero LA
GJIC- Sault Sainte Marie Ont	1835	Doris Johnson, Longview WA
CKPR- Thunder Bay Ont	1845	Jim Pizzi, Orcutt CA
CKCO-1 Wlarton Ont	1430	Pat Dyer, San Antonio TX
"CBFT" Montréal PQ	2495	Norris Doyle, Pittsburg CA
CHAU-5 Percé PQ	800	Wayne Plunkett, Weston Ont
CHAU-1 Ste. Marguerite-Marie PQ	870	Carlton Howington, Uniontown OH
CKCK- Regina Sask	2190	Robert Mellen, Ice Island T-3 (71°52'N/160°20'W)
XHLA- Torreón Coah	1145	Marv Garber, Lincoln NE
XKPM- Ciudad Juárez Chih	1305	Gary Ehresman, South Bend IN
XHCH- Chihuahua Chih	1085	Robert Williams, Blackfoot ID
XEW- México DF	2300	Doris Johnson, Longview WA
XEW0- Guadalajara Jal	2090	Doris Johnson, Longview WA
XHI- Ciudad Obregón Son	1205	Ron Le Blanc, Marrero LA
XHFA- Negales Son	820	Robert Cooper, Oklahoma City OK
XHFE- Nuevo Laredo Tamps	1350	Roger Brown, East Lansing MI
XHFM- Veracruz Ver	1275	Glenn Hauser, Albuquerque NM
Mendoza Argentina	3550	Robert Cooper, Frederiksted VI
Recife Brazil	2710	Robert Cooper, Frederiksted VI
PRG3- Rio de Janeiro Brazil	6615	Robert Cooper, Lafayette CA
Rio de Janeiro Brazil	3180	Robert Cooper, Frederiksted VI
São Paulo Brazil	3130	Robert Cooper, Frederiksted VI
Santa Marta Colombia	2210	Robert Cooper, Oklahoma City OK
Ciego de Ávila Cuba	1375	Glenn Hauser, Von Oray TX
CMAB- Habana Cuba	2800	Doris Johnson, Longview WA
CMKU- Santiago de Cuba	2865	Robert Cooper, Fresno CA
HISD- Santiago Dominican Rep	1800	Gary Ehresman, South Bend IN
YSR- San Salvador El Salvador	2050	Robert Seybold, Dunkirk NY
Panamá Panamá	2180	Robert Cooper, Oklahoma City OK
OAX4U- Lima Perú	2235	Robert Cooper, Frederiksted VI
WKAQ- San Juan PR	3450	Robert Cooper, Fresno CA
YVKA- Caracas Venezuela	3785	Robert Cooper, Fresno CA
YVKS- Maracaibo Venezuela	2770	Glenn Hauser, Albuquerque NM
YNTC- Managua Nicaragua	1410	Glenn Hauser, Von Oray TX

T V S C O R E B O A R D

Dxer, Location	Stns	UHF	Trl	Es	MS	USA+Can	Mex	For	Sat	YB	As of:	
Robert Seybold, Dunkirk NY	596	206	17	154	28	49+	8	3	3	64	50	8 Apr
Glen Neal, Sayre OK	415	112	66	186	21	40+	4	11	0	56	66	14 Mar
*Gary Olson, Deerfield area IL	359											6 Jan
Don Ruland, Kenosha WI	291	124	1	35	19	32	5	0	0	37	71	14 May
Glenn Hauser, Von Oray area TX	289	72	18	108	3	37	1	11	4	53	71	15 May
Fred McGormack, Des Lacs ND	286	33	18	167	33	40+	6	2	0	49	64	10 May
Ron LeBlanc, Marrero LA	281	65		77	6	32	3	8	6	49	67	4 Mar
Frank Wheeler, Erie PA	243	43		108		32+	9				55	1 Mar
Rod Luoma, Livonia MI	234	111										10 May
*Les Prus, Manhattan KS	208	9	1	117	18	33+	5	5	0	44	69	25 Dec
Pat Dyer, San Antonio TX	180	16	0		4	35	2	7	3	47	59	13 May
Dave Egan, Valleyfield PQ	164	17		61	17	31+	5				67	1 Apr
Ron Hade, Rockford IL	157	47		24	12	28	3	1	0	32	70	22 Mar
Dennis Smith, Wasco CA	148	27		89	0	25	3	4	0	32	54	3 Mar
*Joe Mallewick, Manitoba (1972)	136	0	0	84		36+	6	0	0	43	72	31 Dec
*John Sally, Wickliffe OH	125	45	0	32	1	23	2	0	0	25	70	10 Dec
*Fred Nordquist, North Syracuse NY	117	21		35		23	2	0	1	26	69	26 Jan
*Hauser, Calvert-Franklin-Bromond TX	117	54	1	0	0	13	0	1	0	14	72	13 Feb
Peter Sawatzky, Waterloo Ont	77	30	0	11	0	14	2	0	0	16	71	29 Apr
*Jeffrey Hotchkim, Oneonta NY	65	17	3	23		19	4	0	0	23	72	8 Jan
*Paul Johnson, Oakland CA	35	10		2	5	8	1	0	0	9	66	16 Dec
Dennis Smith, Santa Barbara CA	35	12		8	0	4	0	2	0	6	51	3 Mar
Paul Maritato, Elizabeth NJ	33	15	1	0	0	10+	0	0	0	11	71	23 Mar
Dave Egan, Valleyfield PQ (QSL)	144	8		54	15	31+	5	0	0	37	67	1 Apr
Ken Simon, West Palm Beach FL (QSL)	59	7	1	44	0	23	3	3	2	31	69	23 Mar

\*Update required by 10 Aug to remain listed. We regret dropping 12 DXers, including 3 over the 350 mark--do you feel a minimum of two reports a year is too much? Trl=UHF translators (included in "UHF") + after USA=DC; For=other countries; Sat=saturation; YB=year began. 73:





# FCC TV NEWS - DATA

Don Ruland, editor  
4448 68th Place  
Kenosha, WI 53140

JUNE 1973

Before getting into this month's data, I would like to extend a warm welcome to all new members and readers. The Worldwide TV and FM DX Association is the only organization catering solely to VHF-UHF DX hobbyists, and the "VHF-UHF Digest" is the official publication of our club. This column as well as all others in the Digest need YOUR support to make larger, interesting, and informative reading material for our membership. Now for this business at hand.....

## NEW STATIONS ON THE AIR/ GOING ON THE AIR

- Elko, NV--(ch 10) KKKO granted authority 4-13-73 for programming start 4-18-73.  
 Montclair, NJ--(ch 50 ETV) WJMJ granted authorization 5-9-73 for programming start 6-2-73.  
 Las Cruces, NM--(ch 22 ETV) KRWG-TV granted authorization 5-4-73 for unannounced programming start.

## APPLICATIONS FOR NEW TV STATIONS

- St. Cloud, MN--(ch 25 ETV) previous application amended to 165-kw vis., 33-kw aur., 553' above average terrain (AAT).  
 Pittsburgh, PA--(ch 22) new, 1503-kw max. vis., 158.5-kw max. aur, 966' AAT.  
 Lead, SD--(ch 5) new, 100-kw vis., 10-kw aur., 1900' AAT. Applicant requests facilities of KDSJ-TV ch. 5 Lead, and proposes to operate as satellite of ch. 7 Rapid City (see below).  
 Rapid City, SD--(ch 7) new, 196-kw vis., 19.6-kw aur., 744' AAT. Applicant requests facilities of KRSD-TV ch. 7 Rapid City.  
 Wausau, WI--(ch 20 ETV) new, 1202-kw vis., 240-kw aur., 987' AAT.

## APPLICATIONS DISMISSED

- Athens, GA--(ch 34 ETV) new.  
 Atlanta, GA--(ch 57 ETV) new.  
 Burlington, IA--(ch 26) new.

SEND US YOUR  
NEWS TODAY

## CONSTRUCTION PERMITS GRANTED

- Los Angeles, CA--(ch 68 ETV) KVST-TV granted modification 4-25-73 for change to 2040-kw max. & 457-kw hor. vis., 91.2-kw aur., 2900' AAT.  
 South Bend, IN--(ch 46) new, granted 4-12-73 for 1027-kw max. & 912-kw hor. vis., 205.4-kw max. & 182-kw hor. aur., 1000' AAT.  
 Biddeford, ME--(ch 26 ETV) new, granted 4-19-73 for 699-kw max. & 589-kw hor. vis., 139.8-kw max. & 117-kw hor. aur., 800' AAT.  
 Portales, NM--(ch 3 ETV) KENW, granted modification 5-3-73 for change to 100-kw vis., 29.8-kw aur., 1150' AAT.  
 Grand Forks, ND--(ch 2 ETV) new, granted 5-3-73 for 100-kw vis., 20-kw aur., 1337' AAT.  
 Eagle Butte, SD--(ch 13 ETV) new, granted 4-25-73 for 316-kw vis., 31.6-kw aur., 1710' AAT.  
 LaCrosse, WI--(ch 31 ETV) new, granted 4-19-73 for 3800-kw hor. vis., 759-kw hor. aur., 830' AAT.  
 Wichita Falls, TX--(ch 24 ETV) new, granted 4-13-73 for 2.82-kw vis., 0.282-kw aur., 530' AAT.

## CHANGES GRANTED IN TV STATIONS OPERATING

- Hartford, CT--(ch 34 ETV) WRDH, granted change to 808-kw max. & 676-kw hor. vis., 82-kw max. & 69.2-kw hor. aur., 890' AAT.  
 Lexington-Richmond, KY--(ch 46 ETV) WLEB, granted change to 1050-kw hor. vis., 105-kw hor. aur.  
 Springfield, MA--(ch 57 ETV) WGBY-TV, granted change to 1200-kw max. & 776-kw hor. vis., 155-kw aur., 1000' AAT.  
 Schenectady-Albany-Troy, NY--(ch 17 ETV) WHHT granted authorization 4-26-73 for 2630-kw max. & 2000-kw hor. vis., 398-kw hor. aur., 980' AAT.  
 El Paso, TX--(ch 9) KESM-TV granted authorization 5-1-73 for 316-kw vis., 42.7-kw aur.

CHANGES REQUESTED IN TV STATIONS OPERATING

Montgomery, AL--(ch 20) WCOV-TV requests change to 610-kw max. & 534-kw hor. vis., 122-kw max. & 107-kw hor. aur.  
 Savannah, GA--(ch 11) WTOG-TV requests change to 1436' AAT.  
 West Monroe, LA--(ch 39) KYAY-TV, prior request revised to include change from ch. 39 to ch. 14.  
 Lancaster, PA--(ch 8) WGAL-TV requests change to 112-kw vis., 22.4-kw aur., 1356' AAT.  
 Scranton, PA--(ch 44 ETV) WVIA-TV requests change to 1200-kw max. & 910-kw hor. vis., 120-kw max. & 91-kw hor. aur., 1674' AAT.  
 Providence, RI--(ch 12) WPRI-TV requests change to 31.6-kw aur.  
 Harrisonburg, VA--(ch 3) WSWA-TV requests change to .832-kw aur., 2123' AAT.

NEW CALL LETTERS ASSIGNED

New Haven, CT--(ch 65 ETV) WEDY.  
 Baton Rouge, LA--(ch 27 ETV) WLPB-TV.

CHANGE IN CALL LETTERS

Miami, FL--(ch 17 ETV) WLRN-TV (formerly WSEC-TV).

REQUESTS FOR CALL LETTERS

South Bend, IN--(ch 46) new, requests WMSH-TV.  
 Helena, MT--(ch 12) KELL-TV, requests KTCM.  
 Lima-Bowling Green, OH--(ch 57 ETV) WQOL, requests WBGU-TV (station has been using WBGU-TV call since 3-24-73 airdate).  
 Nashville, TN--(ch 8) WSIX-TV, requests WNGE.  
 Colfax, WI--(ch 28 ETV) new, requests WHWC-TV.

TV STATE OF THE INDUSTRY

931 total stations on the air (604 VHF; 327 UHF).  
 698 commercial stations on the air (511 VHF; 187 UHF).  
 233 educational stations on the air (93 VHF; 140 UHF).  
 83 approved stations not yet on the air (14 VHF; 69 UHF).  
 62 applications pending for new stations (33 VHF; 29 UHF).

-----  
 Last month we erroneously listed the "mystery" ch. 13 station in Washington Court House, OH as being WOXP-TV. This should be WOSS-TV. Bill Matthews, of Columbus, OH sends along a schedule listing from the 5-15-73 Columbus Dispatch, listing this station's operating schedule from 1630 to 1900. Has anyone else seen this one?

The Department of Commerce in behalf of the National Bureau of Standards has requested a practical use of television blanking intervals. (those black lines separating image frames when your TV picture is rolling vertically). They would be used to send useful information if a change in broadcast rules is approved by the FCC. National Bureau of Standards TV Time signals, capable of transmitting up to 600 words per minute, would be carried on a single line of the blanking interval, leaving normal TV pictures unaffected. An adaptor would be required to decode signals for presentation in caption form on the screen. Possible uses would include captions for deaf or foreign speaking viewers, as well as disaster or emergency alerts.

In addition to 931 U.S. TV stations presently on the air, did you know there are presently 2791 translator stations currently licensed? 1903 of them are VHF and 888 operate on the UHF band (mainly in the 70-83 range). So if you are sitting there with a measly 500 or so loggings and think you have just about seen all there is, just hang in there!!

Late word at press time indicates WVIR-TV (ch 29) Charlottesville, VA has been granted license to increase their power to 1290-kw max. & 427-kw hor. vis., 42.7-kw aur. They have recently become an NBC affiliate.  
 -73's, Dan-

# FCC FM NEWS

Bruce F. Elving, Editor  
P. O. Box 24  
Adolph, Minnesota 55701

News of FM stations and FM  
station changes that you  
know of is most welcome!

There's more FCC-FM and other FM-related news to relate than ever this month. Reports from VUD readers alone make for a pile of mail 2 1/2" high, including some of last month's backlog. Thanks to everybody who reported, but I regret not having time to answer these letter- and card-writers individually, due to moving from Milwaukee to the Duluth area, making ready the pages for the next edition of the FM ATLAS [which is expected to be published in June; all previous customers will be notified by mail], and spending time searching for that so-far-in-1973 elusive commodity known as FM DX.

## New Construction Permits

Ozark AL 103.9 3000 189'  
Santa Cruz CA \*88.1 10  
Estes Park CO K224AD 92.7 10 (KVRO 99.5 Denver translator)  
Estes Park CO K237AF 95.3 10 (KLIR 100.3 Denver translator)  
Mancos CO [serves Cortez] K292AD 106.3 10 (KOB-FM 93.3 Albuquerque NM Xlator)  
Benton IL WQRX 106.3 3000 h,v; 300'  
[This station supplants previously-listed WVFC, which deleted, as David L. Walcutt implied (see p. 11, April VUD).]  
Centerville IA 98.7 10000 h,v; 450'  
Worton MD \*90.5 17370 217' -

Thanks to Bruce Rummel for details on this station!  
North Adams MA \*89.5 10  
Sheffield MA \*91.7 10  
Rushford MN \*91.7 100000 590'  
MN Educational Radio.

McComb MS 105.7 100000 221' -  
Thanks, B. Rummel and Mike Dornier, Jr. I  
Mount Kisco NY \*88.5 10  
Walton NY 92.1 490 h,v; 660'  
West Point NY [\*] 89.3 10 - Thanks, B. Rummel; also mentioned in Variety.  
Circleville UT K280AB 103.9 10 (KSL-FM 100.3 Salt Lake City translator)  
Circleville UT K292AE 106.3 10 (KALL-FM 94.1 Salt Lake City translator)  
Marysville UT K221AF 92.1 10 (KSL-FM)  
Marysville UT K237AG 95.3 10 (KALL-FM)  
Wendover UT K288AH 105.5 10 (KSL-FM)  
Fairmont WV \*90.9 4200 230'  
Bonnington BC CBUD-FM 92.3 40 -1309'  
[10 mi. WSW of Nelson BC; 49.28 N; 117.30 W]  
Dawson Creek BC CBKQ-FM 93.7 61 -102'

**On the Air and DX Ready!** Information as to stereo capability and program formats on these especially welcome.

Tucson AZ KAIR-FM 94.9 25000 h,v; 55'MOR  
Mammoth Lakes CA KMNT 106.3 3000 h,v; 155'  
San Francisco CA KP00 \*89.5 245; 410'  
Colorado Springs CO KAFM [\*] 89.7 10 w. KAFM is rock ("top 100"), operating 4 pm-10:45 pm weekdays; noon-1:30 am Sun on Saturdays; Sunday 10 am to 10:45 pm, reports Dean A. Myers, Chief Engineer. KAFM is not licensed by the FCC, as Bruce Rummel reported in May.  
Albany GA WWCW 101.7 3000 h,v; 300'  
Claxton GA WCLA-FM 107.1 3000 h,v; 195'  
Savannah GA 95.5 WSGF-FM 100000h,v; 320'  
Hillsdale MI WCSR-FM 92.1 3000 h,v; 241'  
Billings MT KEMC \*91.7 10  
Lincoln NE KHAT 106.3 2900 h,v; 145'  
Las Vegas NV KFJN-FM 100.9 3000 h,v; -77'  
Bellevue OH WNRW 92.1 1100; 125'  
Georgetown SC WSHG 106.3 3000 h,v; 130'

Manning SC WTWE 92.1 3000 h,v; 160'. And: Security CO KWYD 105.5 3000 h,v; -58'  
**Licensed with New Facilities (selected):**

New Britain CT WRCH-FM 100.5 19500 h,v; 720'

## Dual-City Identifications Granted:

Salinas CA KRSA-FM 100.7 to Salinas-Monterey  
Dallas TX WFAA-FM 97.9 to Dallas-Ft. Worth

## Extensions of Construction Permits (selected)

Guilford CT WGCT \*90.5 to Sept. 24, 1973  
Minneapolis MN WCCO-FM to 7-1-73 to go 100-000 h,v; 1250'  
Albany NY WQNA 107.7 to Oct. 20, 1973

## Changes in Facilities

Ozark AL 103.9 adds V (vertical polarization)  
San Bernardino CA 95.1 adds V  
Stanford CA KZSU \*90.1 to 500; -13'  
Grand Junction CO 93.1 adds V  
Greely CO KUNC \*91.5 to 360' (3000 h,v)  
Greely CO KGRE 92.3 adds V  
Hartford-Meriden CT WKSS 95.7 14500 h,v; 820'  
Monroe CT WMMR \*88.1 to 350 h,v; 250' and a new transmitter location [see Mike Collins' info on this station, p. 14 March VUD].  
Bradenton FL WDUV 103.3 100000 h,v; 450'  
Cocoa FL WZY-FM 99.3 adds V  
Miami FL WAIA 97.3 adds V  
Orlando FL WDBO-FM 92.3 adds V  
Sarasota FL WQSR 102.5 [which Dick Clark says is not yet on the air] adds V  
Gainesville GA WFOX 97.1 97000 h,v; 540'  
Boise ID KB01-FM 97.9 to 46700 h,v; 2500' will go \$, reports Frank Aden, Boise.  
Marion IL WDDO 107.1 100000 h,v; 300' - Reduces coverage, but FCC plans to give Marion 107.3, which will allow WDDO to go as high as 50000, as WPRS-FM is doing.  
Paris IL WPRS-FM from 98.3 to 98.5 50000 h,v; 500'  
Rensselaer IN 97.7 has V  
Vincennes IN WVUB from \*91.3 to \*91.1 from 10 watts to 50000; 500'  
McPherson KS 96.7 adds V  
Jennings LA KJEF-FM 92.7 2900; 220'  
New Orleans LA WQUE 93.3 to 450' adds V (100,000); reduces horizontal coverage.  
Farmington ME 99.3 adds V. Calls to WKTJ-FM  
Presque Isle ME WJHP adds V. [Calls, too].  
Boston MA WROR 98.5 to 5800 h,v; 1190'  
Jefferson City MO \*88.9 KLUM-FM to 41000 h,v; 255'  
Kansas City MO KCUR \*89.3 100000; 830'  
Lebanon MO KJEL-FM 103.7 30000 h, 25000 v; 255'. Ste. Genevieve MO KSGM-FM 105.7 70000 h,v (285').  
Omaha NE KFMY 92.3 1210' (95000 h,v)  
New Brunswick NJ \*WRSU Mike Collins says this one will be on \*88.7, but two different references list in on \*89.1, implying interference with WNYU-WFDU. [Feb. VUD p. 6]

Albany NY WQNA 107.7 8800 h,v (983')  
Briarcliff Manor NY WRNW 107.1 adds V  
Elizabeth City NC WMYK 93.7 adds V  
Kinston NC WRNS 95.1 100000 h,v (265')  
Boyetown PA WBVO 107.5 15000 h,v; 175'  
Raleigh NC WSHA \*88.9 from 10 to 12500 h,v; 115'

Ashtabula OH WREO-FM 97.1 50000 h,v; 500'  
Cleveland OH WQAL 104.1 adds V  
Norwalk OH WLMR-FM 95.3 adds V  
Toledo OH WWHZ 92.5 50000 h,v; 480'  
Stillwater OK KVRO 105.5 adds V  
Philadelphia PA WXPX \*88.9 1900; 280'  
Pittsburgh PA \*91.5 adds V  
Seihs Grove PA WQSU from \*91.5 to \*88.9 from 10 to 5588; 620' [Involves dismissal of application by Bloomsburg State College, solving a mystery noted in the April VUD (p. 8). Still unknown is the status of a \*KQQL Yakima WA.]

Conway SC WLAT-FM 104.1 adds V [870'  
Chattanooga TN WDEF-FM 92.3 97000 h,v; 220'  
Beaumont TX KTRM-FM 95.1 30000; 200'  
Dallas TX KULM 98.3 adds V [Calls, too]  
Columbus TX \*90.1 adds V [1920'  
El Paso TX KTEP \*88.5 to 100000 h,v; /  
Martinsville VA WMMVA-FM 96.3 100000 h,v; 600'. Tacoma WA KTOY \*91.5 38000 (310')  
Hartford WI 104.9; Kewaunee WI 92.7 adds V  
Vancouver BC CHQM-FM 103.5 65000 h, 10000v; 1630'  
Brandon, Man. CCK-FM 96.1 55000 h,v; 408'  
Charlottetown PEI CBC-FM 103.1 only 59.2 watts, 108' - Not 59200 watts as previously indicated!  
Drummondville PQ CFDM-FM 104.3 adds V  
Laval PQ CFGM-FM 105.7 adds V

## Call Letters Assigned

Birmingham AL 96.5 WQEZ (was WCRT-FM)  
Fayette AL 98.1 WVEL-FM  
Montgomery AL 92.3 WKLH (WCOV-FM)  
Phoenix AZ 98.7 KBBC (KTAR-FM)  
Ingleswood CA 103.9 KAGB-FM (KTYM-FM)  
Travis AFB CA \*91.5 KVIK  
Vacaville CA 95.3 KUIC (KVFS)  
Miami FL \*91.3 WLRN-FM (was WTHS)  
Panama City FL 107.9 WPFM (WMA1-FM)  
Americus GA 97.7 WJUR  
Des Moines IA 100.3 KLYF (WHD-FM) to go MOR and add \$ [See Baker, May VUD, p. 16]  
Pikeville KY 92.1 WKHR (WPKE-FM)  
Grumbling LA \*91.3 KGSR  
Portland ME \*90.1 WMEA  
Monroe LA \*88.7 KRLN  
Virginia MN 107.1 WJRU (WHLB-FM)  
Leland MS 94.3 WBAD  
Piscataway NJ 106.3 WJ0J  
Kennett MO 98.9 KTM0 (KBOA-FM)  
Asheboro NC 92.3 WCEW (WGRW-FM)  
Greensboro NC 98.7 WPEF-FM (WMDZ)  
Winston-Salem NC 104.1 WTQR (WJSJ-FM)

Cincinnati OH 102.7 WEBN (WEBN-FM)  
 Middleport OH 92.1 WMPO-FM  
 Chickasha OK 105.5 KXXX (was KNDR)  
 Bend OR 100.7 KQHV  
 La Grande OR \*91.9 KQIR  
 Nanticoke PA 92.1 WMJW  
 Yankton SD 104.1 KQHU  
 Olivehill TN \*89.1 WQHT [And correct the spelling from last month; Olive-hill is one word!]  
 Huntsville TX \*89.3 KSHU  
 East Montpelier VT \*88.3 WVEP. Licensed and on the air! [10 watts.]  
 [See Kummel's report three pages ahead for news of a new Chicago FM station grant.]

Plainfield VT \*91.1 WGDR. Goddard College  
 Danville VA 103.3 WAKG (WBTM-FM)  
 Pennington Gap VA 105.5 WSWV-FM  
 Portsmouth VA \*88.7 WNHS  
 Fort Gay WV \*89.5 WFGH  
 Princeton WV 95.9 WAEY-FM (WHGC)  
 Green Bay WI \*89.3 WPNE-FM (WHKW)  
 Madison WI \*102.5 WNNC (WRVB) Goes non-commercial.  
 Viroqua WI \*106.3 W292AA Call letters of station rebroadcast change from WRVB to WNNC; goes noncommercial.  
 Wisconsin Dells 107.1 WQRH  
**Deleted?**  
 Indio CA KINI 98.37 - Bishop CA KIBS-FM 100.7?

Memphis TN KBGH-FM 103.7 ?  
**Deletions**  
 Honolulu HI KHVH-FM 93.9  
 Portland IN WPGW-FM 100.9  
 St. Cloud MN KVSC \*88.5 FCC deletion notices applies to KVSC's old frequency; no mention as to whether this affects also KVSC's authorization to change to \*88.9 and increase power.  
 Clinton MO KCIC 95.3  
 Oklahoma City OK \*88.9 KQOW - following in the footsteps of the former KOKH \*88.9 Oklahoma City!  
 Weatherford OK KCCE 95.3

READERS' REPORTS AND COMMENTS

In an attempt to clear up the backlog of reports, I will stick to this smaller, "squashed" type, go to two columns, and list everybody's contribution(s) alphabetically.

First, some general news dug up from a variety of sources.  
 KYTD 99.9 Santa Barbara CA claims Stereo, as do WZRO 104.9 Pekin and WYFE-FM 95.3 Winnebago [formerly WRV1]. WYFE-FM, serving Rockford, is on 24 hours. WVWR \*90.18 Roanoke VA has a National Public Radio affiliation. WJCL-FM 96.5 Savannah GA has music from Stereo Radio Productions, as do WLYF 101.5 Miami FL and WPCH 94.9 Decatur GA. WJCL-FM, in its promotion, says it programs only four commercial breaks per hour, and is "Savannah's only fulltime stereo sound and with 100,000 watts both horizontal and vertical . . . our coverage area exceeds by far any other broadcast signal in the Savannah market."

WMHT-FM \*89.18 Schenectady NY recently added morning programming, now operating 7 days/week 7 am to 1 am. The U.S. Office of Education has awarded grants to make new public FM stations possible in: Sumter SC [not yet granted by the FCC], Rushford MN, Fairmont WV [see "construction permits" preceding page]. Facilities expansion grants have been awarded to: KVCR \*91.9 San Bernardino CA to increase effective radiated power to 24500 (-320'); please note this as an addition to the "changes in facilities" column of the preceding page. Also, WVUB Vincennes IN, KTEP El Paso TX and KCUR Kansas City MO, all of which are listed in the same column. New changes on the way will affect KNCT-FM Killen TX, KLCC \*90.3 Eugene OR, KPFA 94.1 Berkeley CA and WKCS \*91.1 Knoxville TN.

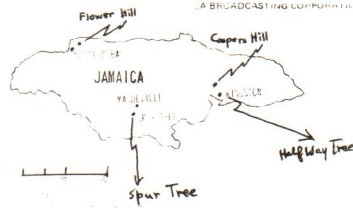
WBEZ \*91.5 Chicago writes: "We will be going to stereo transmission in the very near future when our equipment installation is complete." Tests in Milwaukee show WBEZ with vertical polarization; WMBI-FM \*90.1, supposedly with 52000 v, appears not to be broadcasting vertically. A call to WEFM, which is supposed to change to WICV, confirmed that WEFM's viability continues. The man I spoke to rather confidentially expected WEFM to be the calls and classical to be the music format until well after snow falls this coming winter. Another call to WTTN-FM 104.7 Watertown WI confirmed that WTTN-FM plans to move to 94.1 when the new Hartford application is approved for 104.9. When I told them Hartford [WI, of course] had received its grant from the FCC, this was news to them, and will undoubtedly prompt WTTN-FM to hasten its frequency change.

In rather interesting news from Michigan, WSVG \*99.7 University Center, mentions in a letter of verification that "WSVC is the successor to WQOC Midland. The owners of WQOC donated the station, and some operating funds, to Saginaw Valley College about two years ago, and we have been on the air since November 10, 1971. We don't broadcast in § because the stereo generator used by WQOC became obsolete, and no longer meets the minimum FCC specifications. At this moment, we are broadcasting for six hours a day, five days a week,

from 4 pm until 10 pm. The college is in the process of selling the station, however, to a religious corporation in Midland because they [the college administration] consider it a 'luxury' too difficult to support. We are awaiting FCC approval of the sale at this time, but we will continue to operate until it is sold. . . You are our furthest listener." From Pat Whelan, program director. Subsequently, I have noticed that WQOC has applied to move to Midland MI and increase to 100000 h; 818'.

KHKE \*88.1 Cedar Falls IA, which has a permit to change to \*90.9, is now on an 18-hours-per-day schedule Sunday-Thursday; 20 on Friday and Saturdays. They are supposedly on the air until 3 a. m. "Friday and Saturday," which may mean Saturday and Sunday morning—the continuation of Friday and Saturday night. KUER \*90.1 Salt Lake City UT now signs off 1 am seven days a week, instead of 11 pm as previously. The Jamaica Broadcasting Corporation sent a map which essentially corroborates the information given by Bill Dickerman as to the locations of Half Way Tree and Coopers Hill, Jamaica [see p. 17 May VUD and p. 9 April VUD]. Furthermore, the JBC says its Montego Bay station (92.1) actually transmits from "Flower Hill," about five miles NE of Montego Bay.

In other news, list WNDH 103.1 Napoleon OH as §; ditto for WOOH 107.1 Delphos OH. KDHL-FM 95.9 Faribault MN drops § once again.



Recently, I received a copy of the CRTC's proposal affecting FM broadcasting, as hinted at in the Billboard quote (see May VUD, pp 16-17). The proposal for Canadian FM boils down to three parts: 1) AM and FM should develop distinctively, with FM developing a diversity of programming aimed to attract audiences on a selective basis as an alternative to AM, which provides a more general service to its audience. 2) Holders of AM and FM licenses will be required to reduce simulcasting by one half immediately after publication of the final policy document and to eliminate it within six months, except in specified unusual circumstances. 3) Discussions will go on to determine whether the public interest will be served by requiring all radio receivers for sale in Canada to have both AM and FM capability. These changes would initially apply to private FM stations but could be extended to the CBC stations.

As far as Canadian rules are concerned, this writer fully agrees with Rosenberg and Lewis (pp. 19-20 May VUD) about DXers' trying to bring about change in Canadian stations' identification requirements. I doubt, however, that if U.S. members contacted the FCC and requested bi-lateral agreements with Canadian authorities this would work. Knowing how hard it is to get action out of the FCC, it would probably be better for Americans to try to exert gentle persuasion on the Canadian stations directly — especially if they convince the stations that they regularly listen and enjoy their programming from across the border. May I add parenthetically that I do not require the hearing of "frequency" in an identification announcement to count a new station as heard; and my new DXing Constitution has eased up on the former requirement of having to hear city, state, or province in addition to call letters.

Perhaps taking a cue from Canada, the U. S. Federal Communications Commission is asking manufacturers of car radios and the big car makers why there are such great cost differentials between FM-AM and plain AM car radios, how much more money it would cost to make a car radio if all sets had AM-FM capability, and sources of car radio supply. The gathering of this data presumably would precede any FCC endorsement or rejection of legislation that would make all-channel, AM-FM radios mandatory in the U. S. Such a bill, with what I consider to be an unfortunate loophole that would allow for the continued sale of AM-only radios selling for \$15 and under, has been introduced in Congress.

All that out of the way, here now is the roundup of FM news reported by this column's readers.

Frank Aden, Jr., Boise ID, says KGVW-FM 99.1 Idaho Falls is still off the air as the result of a fire several months ago, and no one he contacted knows when they will be back on.

Joseph Bahr, Hato Rey PR, says the AFR-FM 90.5 station in Roosevelt Roads PR with 2000 watts is mostly rock and country, Mutual news, and Army and Defense Dept. programs. Applications for new stations have been filed in Vieques 98.9, Luquillo 92.1; with Cabo Rojo and Hormigueros competing for 92.1.

Robert Baker, Humboldt IA, gives further information on the shift of KHKE Cedar Falls to "90.9 [May VUD, p. 14]. "The antenna will be on the KCRG-TV tower near Walker IA." When KHKE moves to "90.9 and to the new tower this fall it will be Stereo. "Incidentally, the present KHKE daytime schedule is nearly all off-the-air pickup from WOI-FM Ames. This is the beginning of a state-wide public radio network for Iowa." KLYF 100.3 Des Moines (formerly WOI-FM) was to have begun broadcasting in stereo April 23 on a 6 am to 1 am basis from the 2000' Alleman lowa tower, utilizing the syndicated Stereo Radio Productions service. I recently read where the FCC has returned the University of Northern Iowa's application to use KHKE's old equipment to run a second station on "88.1.

Andy Bolin, Charleston IL, reports that WJUM "91.3 Macomb IL is now \$ and rock; WISU "89.7 Terre Haute IN is not and never has been \$. WJDU 94.1 Cincinnati (former WSA1-FM), "DJ-FM, is still automated rock, while MOR formats survived recent call letter changes at KEZZ 94.1 Little Rock AR and WFSM 92.3 St. Louis. WLRW 94.5 Champaign IL is now Hit Parade. The new KHAT 106.3 Lincoln NE announces 24 hours country music. This column congratulates Andy, who just heard his 1001st FM station: WMP5-FM 97.1 Memphis. "They were \$, but compared to the other Memphis stations they were extremely weak in signal strength." This would indicate that WMP5-FM, contrary to an earlier report, is still not operating with full authorized power of 100000 h.v.; 530'.

W. Bruce Dean, Seekonk MA, says WBLM 107.5 Lewiston-Auburn ME, went on the air March 1 with 30000 h.v.; 610'. They program MOR music 5 am to 7 pm and progressive rock 7 pm

to 5 am; not certain if the operation is 24 hours on Sunday night/Monday morning. "I received a friendly note from the station requesting reception reports, and am certain they would welcome responses from others." WCCM-FM 93.7 Lawrence MA advised Bruce that the long-awaited power increase to 430', 50000 should be available by the time this is published in the VUD. Bill Grant, Worcester, MA, reports hearing WCCM-FM with a much better signal recently, but still announcing as using the old power. Continuity departments in some stations are often slower in changing copy than engineers are in improving equipment. Bruce Dean sent an article from the Providence Journal-Bulletin in which it is stated that WTEV, a channel 6 TV station is withdrawing its objections to applications filed for some 11 educational FM stations in New England. Some of these applications go back two years, and if WTEV eases up on all of its objections, new public FM stations may spring up at Bryant College, Smithfield RI; Dean Academy, Franklin MA; Bristol Community College, Fall River MA; a day school in Weston MA [recently granted on "88.3—WRSB 10]; Rockland MA public schools; Clark University, Worcester [WCUW "91.3]; WHSR "91.9 Winchester MA; "WLSR" in Sudbury MA; and WTBS "88.1 Cambridge MA. Stations listed that are already on the air may be expected to receive power/antenna height increases.

Richard Clark, Lighthouse Point FL, sent several letters full of FL FM format information, noting that WZVY-FM 99.3 Cocoa is now \$ MOR, and that WRMF-FM 96.3 Titusville has dropped \$ and duplicates an AM station 24 hours. WTHS "91.3 Miami (soon to be WLRN-FM) is now with National Public Radio. AFRTS 103.0 Guantanamo, Cuba, is the second station there. [Ken Simon, West Palm Beach, claims my Guantanamo Bay 102.0 listing is incorrect, according to the station's (or stations') chief engineer. VUD April, 1973, p. 9.] Dick also notes in Haiti the existence of Radio Lumière (4VUE-FM) 88.1 and a Radio Metropole 99.1, both Port-au-Prince. The latter, I believe, is 4VGA-FM 100.0. Dick also sent information on the FM stations and program formats of Mexico City and Guadalajara, which is essentially the same as given in Glenn Hauser's extensive Mexican FM listing of last month. Dick traveled to those cities and had the opportunity to tune in first-hand to their many and interesting FM stations. The Mexican government, incidentally, did write back and they cleared up several mysteries. Regardless of what others may think of government lists, I like them. They have the imprimatur of an official agency, and are presumably more reliable than what can be obtained by random listenings, travels, or interviews with equipment boys. Virtually all my powers differ from Glenn's, for example, and a few stations found in one list are not in the other.

In the second report and letter from Mexico, I gleaned the following: XHRM 99.3 Tijuana is deleted or will soon go off the air, perhaps a casualty of the U.S.-Mexican frequency allocation treaty affecting FM, while those surviving, "por convenio bilateral," are XHQS 96.1, XHQF 97.7 both Tijuana, B.C.; XHRZ 89.1, XHQT 93.9 both Nogales, Son. XHMS Monclova is corrected to read 99.3 [see April, p. 8], and XHIS Tijuana is included in the revised listing. The links are all listed (sans frequencies, some of which may be, as Glenn indicates, outside the FM band). The way I count up the FM stations, Mexico has 99 FM stations, excluding links, while Canada has only 92, including weak repeaters, like the CFFM-FM1,2. . . group in B. C. These totals include both on-the-air stations and those holding construction permits.

From Nevada, Cliff Denney, KNIS 94.7 Carson City, says KNEV 95.5 and KSRN 106.9 Reno have MOR, with KNEV also classical music. KNIS is gospel, monaural, but will go \$ when permission to add vertical polarization is received. KUNR "88.7 Reno (2000 -450') has an educational format, featuring classical music.

Michael F. Collins, Stratford CT, mentions that **WNPT** \*90.3 Westport CT [Staples High School] was to have gone on the air for one day, May 26, so that area residents can see if there's any interference to their FM and TV sets; this before the Westport Zoning Board will give its approval for the transmitter site. If there is no objectionable interference, **WNPT** "will begin regular operations June 2, and will be on the air all summer long" with 330 h.v.; 145'. **WPKN** and **WSHU** continue to operate in their fight over the town of Trumbull over alleged interference [see May VUD, p. 17]; they're taking the case to the Court of Common Pleas. Another station on the same hill is **WPSB** 99.9 Bridgeport, increasing to 25000 h.v.; 660', but directional to protect **WEEF-FM** Easton PA. **CKRL-FM** \*89.1 Quebec PQ has been on the air since March; by July 1, **WENU** (former **WATR-FM**) 92.5 Waterbury CT will be \$ MOR. New York's **WNBC-FM** 97.1 will switch to a top 40 format, while the **ABC-FM** stations, Mike says, will be switching to a new and as yet unannounced format; **KSFX** 103.7 San Francisco will be the first to switch." In a list Mike sent, he does not list 97.5 **WALK-FM** Patchogue NY as \$, which I thought it was. **WHOM-FM** 92.3 New York has MOR with Spanish announcers. Contrary to the April report [p. 10 VUD], **WQAO** Hamden and **WQTO** Hartford, both on \*88.3, will not share time. For \*88.7 correct the **WNHU** listing to read "West Haven CT" 1700 h.v.; 150': the sole survivor on this frequency of what had thought to be a three-way share-time arrangement. [**WNHU** moves from New Haven CT.] Finally, Mike sent an ad from the 1951 Broadcasting Yearbook in which **WASH** 97.1 Washington DC claimed that "thousands of WASHINGTON listeners no longer tune in, or rarely tune in AM," which was probably true, since Washington was one of the early markets with a high FM set saturation, and, of course, **WASH** still exists [22500 h.v.; 690'].

Bill Dickerman, Williamsport PA, says neither **WRAC-FM** 102.7 nor **WILQ-FM** 105.1 have \$, nor plan to add it. But **WVIA-FM** \*89.9 Scranton PA is now on the air fulltime; studios Pittston PA; transmitter on Penobscot Knob. **WEFP-FM** 107.9 Pittsburgh is now \$.

## FM REPORT 24¢ (Cheap!)

in U.S. postage from Michael Dornier, Jr., 1409 Hymelia Ave., Metairie LA 70003. It's Mike's Fifth Progress Report on the FCC FM allocation table, and expected to be ready in June. It will cover 1) standard metro areas having no public FM station; 2) the growth of FM in the southeastern states with a complete list of vacant channels therein; 3) if the FCC gets the info in time, a report on the U.S.-Mexican FM agreement. Order your report direct from Mike, but expect up to a month delay, due to his expected upcoming move. In local schedules, **WVNO** \*89.9 New Orleans operates 8 am-12 am 7 days a week now; **WCKW** 92.3 LaPlace LA does not operate 24 hours, as reported before, running only 6 am-10 pm Sun-Thurs., 6 am-2 am Fri.-Sat. "I taught the boy who runs the weekend late show and clued him on the **WTFDA** and **DXing**. His name is Jerry Lousteau, and he's likely to **QSL** DX reception." Mike comments on Allen Rockford's observations in the April column re **WIBX-FM** 96.9 Utica NY, which operated with 9 kw ERP from 1946-54. "They have held their new CP since 1968—a heck of a long time; I wonder what made the FCC let them keep it inactive for so long." (Present permit is for 98.7.) "Speaking of inactive construction permits, **KIKS-FM** 96.1 Lake Charles, along with **KIKS** Sulphur, has been sold to a local entrepreneur; **KIKS-TV** 26 has been deleted, I understand. Victor Muscat, previous owner, has a good track record of letting CPs remain fallow. Perhaps the station will be activated soon. Fallow **WFXM** 95.5 Jackson MS has received an extension of its CP to July. I wonder if the CP for **WFRP-FM** 107.1 Hammond LA has expired; it was granted a year ago, and I note that **WFRP** (AM) is being sold; no mention of a **WFRP-FM** at all."

Mike Dunn, Armdale, Nova Scotia, says **CHFX-FM** \*96.1 Halifax NS has an application in to increase power and go stereo, and a format switch to easy listening. Mike, I wonder if you could check on the radiated power of **CJCB-FM** 94.9 Sydney NS? I list it at 31500, but recent **CRTC** data show it as 675 watts.

Pat Dyer, San Antonio, heard **KWIC** 107.7 Beaumont TX testing with 54000 249', and he's getting together a list of base-ball FM networks with help from Frank Merrill.

John Ebeling, Bloomington MN, says rocker **KESD** \*88.3 in Brookings SD operates 6:40 to midnight, 38000 h, 17500 v; 610'. That's from 6:40 a.m. CST or CDT.

Richard T. Eddie, St. Louis MO, sends much St. Louis FM information, noting that **KDNA** 102.5 is a hodge-podge of programs, seeking a frequency in the educational band, while rumor has it the new owners of **KDNA**'s 102.5 facility will boost power to 100 kw go top 40 rock and change calls to **KEZK**.

Robert Eddy, Newport OH, says **WCMO** \*89.3 Marietta is seeking higher power (9234; 188') on 88.3. He sends a clipping concerning the fact that the FCC has been ordered to conduct a hearing on the format change of **WGLN** 105.5 Sylvania OH with progressive rock to **WXEZ** with MOR. Anyone know if **WXEZ** is \$?

Al Ellis, Brantford, Ontario, sent a tape of good **WGLN-FM** \*91.3 Erie reception, with broadcasting changing physically from one campus studio in the area to another. Al Claims that he has written to "ye little old powerful five watter at till-sonburg" (**CKOT-FM** 100.5), but no answer yet; they did apply for higher power, however. "CFRS Simcoe ON, I understand, has been granted permission to operate a new FM station, but I do not know the frequency." The provincial government is apparently going to save **CJRT** \*91.1 Toronto [see May VUD, p. 16], but a union officer was mad that the move would deprive 48 Ryerson Institute floor cleaners of work.

Bill Frahm, Boise ID, says **KEBK** 92.3 Boise is now 24 hrs. rock, while **KBOI-FM** has finally updated modulation to a point "where you can hear something besides the SCA! This should improve the DX receptionability of **KBOI-FM** 97.9 Boise. Both **KGBK** and **KBXL** 94.1 Caldwell are planning to move to the same tower on Deer Point, 16 mi. NE of Boise, about 2000' above the average terrain, and one of the Nampa AM stations will apply for FM and join them. In Oregon, Bill reports good long-distance reception of **KBOY-FM** 95.3 and **KTMT** 93.7 Medford, while **KTMT**'s translator, **K265AA** 100.9, 6 mi NE of Chemult OR, seems a lot more powerful than 10 watts input. It made it out 75 mi. to the east and south; 50 to the north of its site. **K265AA** should be a good possibility for E's, thinks Bill; even for meteor scatter and aurora! Bill says **KBOY-FM**'s audio is badly distorted.

Bill Grant, Worcester MA, sends a map showing Bermuda's Devonshire Parish, and Prospect site therein, which is just W. of the town of Hamilton. **ZBM-FM** 89.1 and **ZFB-FM** 94.9 both transmit from Prospect, but are probably "licensed" to Hamilton. **WGLU** \*91.3 Worcester has completed its tower installation "and should begin operation in June. **WERS** \*88.9 Boston is conducting a \$5000 fund drive to add \$ next school year; **WLTJ** \*91.5 Lowell MA is mostly rock and is \$; **ZBM-FM** & **ZFB-FM** have a varied musical format and are both \$. **ZFB-FM** simulcasts ZFB from midnight to 6 a.m." Bill heard **WEZZ** 97.7 Clanton AL in mono by skip, and not \$ as previously listed. **WNHV-FM** 95.3 White River Junction VT is \$, MOR, as is **WNBH-FM** 98.1 New Bedford MA. Bill sent along an interesting, but sarcastic review of the Boston area FM stations from a local paper. Typical comment: [Concerning **WCOP-FM** 100.7] "More muzak. A more dismal use of 100,000 watts (sic) of power has yet to be devised. Dead air would be an improvement." . . . or **WSSH** 99.5 Lowell: "The station refers to itself as 'Wish' radio. The listener should be wishing for the right to change the dial. The only way you could ever remember a station like this is by the name

created by the loose phonetic interpretation of the call letters." A number of station powers were incorrectly reported, which prompted reader Richard B. Wood, Boston, to write a letter to the editor which said in part: "Since the relative merits of programming are subjective I won't argue with David Bieber's opinions. However, I was disappointed to find several, readily available, figures incorrect. This leads me to suspect his research. Mr. Bieber gives some stations more power than they have while gyping others of what is rightfully theirs. Some he says are stereo when, in fact, they are not. For instance, WAAF 107.3 Worcester MA is 1750 watts, not 50,000. . . WERS \*88.9 Boston got the worst deal of all. They are 18,000 watts, but were allotted only 10. . ."

Glenn Hauser, Von Ormy TX: "Texas noncommercial stations are having their problems. KPFT \*90.1 was off about 10 days in mid-April due to transmitter failure and lack of money for parts; off and on sporadically since (normally 24 hour schedule, silent period 2-6 AM Wed.). KNCT-FM \*91.3 went off for spring vacation but, strangely, has not returned as of early May [see report about grants, 2d page of this column; they are probably installing new equipment]. KUHF \*88.7 Houston has been off more than on since it returned last December; quite sporadic; no NPR affiliation resumed; sometimes comes on to cover ball games. Both KUT \*90.7 Austin and KPFT have significant blocks in Spanish (or rather Tex-Mex, hi). I have my doubts about the Nicaraguan list [VUD A-3], p. 9; why would YNB-FM 97.9 (certainly more than 30 watts) be the only one I get on Es?"

Jim Hughes, news director of WCEN-AM-FM Mt. Pleasant MI, and "Trout King" of the Kalkaska trout festival, says WCNU-FM \*89.5 is blocking TV channel 6 in Lansing and, in some places, Bay City channel 5. "Local viewers went 'up in arms' but have simmered down now. However, many feel that educational institutions should not have radio stations to the point of interfering with other stations. WWHW \*91.5, the 10-watter, is a training ground type of station and has a varied format of music and CMU sports. WCNU, the 10000-watt baby, is on 24 hours a day in stereo."

John Haralson, Memphis, says local \*88.5 owned by the city school board will broadcast in \$ and have vertical; WLYX \*89.3 has applied for a power increase from 10 watts; the new KASU \*91.9 Jonesboro will have \$, V when the power increase to 100,000 (510') comes through. KBFC 93.5 Forrest City AR is \$.

Hank Holbrook, Chevy Chase MD, mentions that WNYU \*89.1 is on regular schedule with rock, sharing time with WFUD Teaneck NJ. WNYU is in New York city. Hank heard WAFI 97.7 testing May 12 with country music (Wilford DE). WVIA-FM \*89.9 Scranton PA heard testing April 21 and on Monday April 23 they were on regular schedule. "Said they would have country, folk, classical music and information programs. . . WKOU \*91.7 Philadelphia gets out pretty well for having only ten watts!"

Fred McCormack, Des Lacs ND, reports great difficulty in DXing stations in nearby Montana. KMOT-FM 93.7 Minot, he says, has changed from rock to MOR "with a very good sound."

L. R. Mitlin, Rock Hill SC, notes that WSMU 106.3 Starkville MS is now \$; rock day, country after 4 p. m. WBIE-FM 101.5 Marietta GA is now \$, as is WPLD-FM 103.3 Atlanta.

Eric G. Norberg, KMPC Radio, Los Angeles CA, sends detailed FM format information for CA, including some possible deletions or other changes. KIBS-FM 100.7 Bishop CA he believes is deleted, while KMAX 107.1 moves from Sierra Madre to Arcadia. "When owner-operator moved to Arcadia, he had the station relicensed to Arcadia. It's a real mom-and-pop operation." Similarly, KJLH 102.3\$ moves from Long Beach to Compton CA. 93.1 KGBS-FM Los Angeles is not \$, while KTMS-FM 97.5 Santa Barbara is.

Fred J. Nordquist, North Syracuse NY, sent detailed FM format information for his state, noting that the music of the Christian Broadcasting Network [WOIV DeRuyter, et al.] sounds almost like rock and roll. WHLD-FM 98.5 Niagara Falls NY does not have \$, while WPHD 101.5 Poughkeepsie and MOR music does. WRUR \*88.5 Rochester is not allowed to operate the full power of 19500; 120' [still 10 watts?]. Without \$ is WBLK 93.7 De Pew NY, while WMRV Endicott 105.5 has it; MOR.

Les Prus, Manhattan KS, mentions that both Hutchinson KS stations have \$: KSKU 102.1 MOR and KWBB-FM 102.9 with country music. KJCK-FM 94.5 Junction City is confirmed with \$ and rock. Local KSOB \*88.1 is off the air until classes resume in the fall. KMKF 101.7\$ Manhattan has MOR from 0600-1900 daily; rock from 1900-0100. KSKG 99.9 Salina, mono, used to be religious programming but now appears to be all rock. WIBW-FM 97.3 Topeka \$ has been sneaking more pops and soft rock into their formerly all-country format.

Shelby Remington, West Haven CT, notes that WNYU \*89.1 New York took the air May 4 and is stronger at his location than share-time WFUD Teaneck NJ. Both WSHU \*91.1 Fairfield and WHS 104.9 Middletown are mono, not \$, as previously listed. WQAQ \*88.3 Hamden, WMRN \*88.1 Monroe, WGCT \*90.5 Guilford, WJMJ \*88.9 Hartford, nor WNHU \*88.7 West Haven, all CT, not on the air when Shelby wrote; he was not sure about WWPY \*90.3 Westport and WOTO \*88.3 Hartford.

Allen Rockford, Syracuse NY, had earlier reported that WKAL-FM 95.9 Rome NY was in \$, but about 2 weeks later they stopped and have not been \$ since. "I don't know why they were \$ for such a short time unless they were testing and have some plans for separate programming. WROC-FM 97.9 'stereo 98,' is now full \$ 24 hours a day with MOR and occasional ball games. Music is on the bland side."

Bruce Rummel passes on word about a new station grant not previously listed: Chicago IL \*88.5 10 for Bogan High School, 3939 W. 79 Street, so add this station to your list of stations having a construction permit. Bruce [whose address is now Box 103, Mertztown PA 19539] gets FCC news releases and could also find no record of a KQOL Yakima WA.

Richard Steinberger, Hudson MA, notes WCOU-FM 93.9 Lewiston ME is now on at 5 am to midnight, country music, while WBLM 107.5 Lewiston is \$ with soft rock. WFSB \*91.3 Framingham MA with just 10 watts was heard with an over-modulated signal.

Paul Traska, Buffalo NY, sends word on 93.3 Jamestown NY, which is changing its call letters from WJTN-FM to WNSE: "The Wonderful World of Stereo Entertainment." MOR music will be heard, except for Concert Hall weeknights from 9 to 11.

David L. Walcutt, Carbondale IL, says WDNS 98.3 Bowling Green KY is \$, MOR. KSGM-FM 105.7 Ste. Genevieve MO, which is going to 70000 h.v., claims they will "soon be stereo." WTAO 104.9 Murphysboro IL will soon be moving its antenna to atop a forest station tower to eliminate local TVI. "WTAO is one of the nicest radio stations I've ever seen. . . their buildings blend in with the surroundings in a residential area. In your February column, I noticed Richard Wood's question about the programming of WMLG 98.3\$ Pulaski TN. They advertise; ads were heard for the Pulaski Citizen; also for a local milk company." They're country late night; MOR the rest of the time.

Richard E. Wood, Baton Rouge LA: WQXY 100.7 B. R. was off the air for about a day because of fire. The new AK station is in Shemya, a well-known Aleutian I. base. CHOM 97.7 which is listed to Montreal [May VUD, p17] is sometimes considered a Westmont PQ station: an English-speaking city within French Montreal and PQ. Thus, if Westmont is its "coverage area," the majority language would be English; otherwise French.

And that's 73 for this month! *Bone*



NORTH OF THE BORDER:

FOR NEWS IN CANADIAN BROADCASTING

JUNE '73'

TV APPROVALS

GRAND BANK, NFLD CJOX-TV-1 to ch. 2 7.4/.74 kw EHAAT 499d (CTV)  
 RED ROCKS, NFLD ch 11- .4/.04 kw EHAAT 433d Sat CJON- St. Johns (CTV)  
 STEPHENVILLE, NFLD ch 4- .807/.091 kw EHAAT 437 Sat CJON-  
 NEGUAG, NB ch 3 .55/.11 kw 557d Sat CBAFT Moncton (R-C)..ch may change  
 BARRIE, ONT ch 3# 100 kw EHAAT from 820 to 1118 to reach Toronto CKVR-  
 THUNDER BAY CHFD-TV ch 4- to 30 kw EHAAT 1197 (CTV) o&o by CKPR-  
 LEAF RAPIDS, MAN ch 13 .26 kw dir Sat of CBWT Winnipeg (CBC)

TV APPLICATIONS

FOX HARBOUR, LAB ch 7 .4/.04 kw EHAAT 560d Sat CBNAT4 St Anthony (CBC)  
 DEER LAKE, NFLD CBYAT ch 12# to .51/.051 kw EHAAT 287 (CBC)  
 HULL, PQ-OTTAWA, ONT 3 appl for ch 30#, 2nd French service (TVA net):  
 1,741/348 kw; 649/130 kw; 785/140 kw  
 KEARNS (KirRland L), ONT CFOL-TV-2 ch 2 to 38.5 kw EHAAT 733 (CBC)  
 MT ST MARGARET, NFLD CBNAT-9 ch 9# to 29/2 kw EHAAT 931d (CBC)  
 BALDY MTN (DAUPHIN), MAN ch 12- 25 kw dir Sat CJAY- Winnipeg (CTV)  
 by CKOS\*, thus would be 2nd monopoly granted (see Thunder Bay)  
 THE PAS, MAN CBWIT ch 7 to .288 kw dir (CBC)  
 THOMPSON, MAN CBWTT Pres: ch 8 5 w. Prep: ch 7 .296 kw dir (CBC)  
 EDMONTON, ALTA 5 appl. for 3rd Eng services:  
 1 for ch 7 325 kw (7 not allocated to ED)  
 for ch 13#: 2 for 325 kw; 1 for 390 kw; 1 for 38.8 kw  
 NATAL, BC ch 11 .103 kw dir Sat new stn at Fernie (CBC)  
 VANCOUVER, BC ch. 10# 3 appl for 3rd service (10 allocated to Victoria)  
 1 each for 77, 46, 325 kw  
 VICTORIA, BC ch 10# 160 kw by CBO  
 ONTARIO EDUC. COMM. AUTH.: OTTAWA ch 24 879 kw; WINDSOR ch 32# 180 kw;  
 CHATHAM ch 59 17.1 kw; LONDON ch 18 18 kw; KITCHENER 28 170 kw  
 SARNIA, ONT Auth: ch 34- 178.8 kw EHAAT 503d xmtr at Oil Springs  
 Preps ch 29 164.8 kw EHAAT 685 at Dresden (GLOBAL)  
 WINDSOR (Cottam), ONT Auth: ch 26- 218 kw 397' Prep: ch 22! (GLOBAL)

TIDBITS

###ON AIR: Mar 2 CKOW-TV-1 Charlettetown ch 8# 15 kw, and skip DXers  
 look out for CJAY2-4 Brandon 55 kw, CBIT5Sydney 54 kw, CHFD4Thunder B  
 ###On Apr 20, ANIK II launched from C.Kennedy .. rented to American net  
 ###In Apr, the people of Ross River, YT set up their own pirate stn of  
 ANIK rebroadcaster in Whitehorse. This summer ORTC will approve licence.  
 ###With lax ID rules in Canada & many xlators in existence we may  
 expect problems this summer. Our CDN GUIDE is for you. For more info  
 see past VUDs or write JJ ROSENBERG. We'll have copies at Dunkirk.  
 ###In those OECA & GLOBAL applications, offsets not given for channels  
 not allocated to those regions.. Imagine 22 Windsor with 20 Detroit &  
 megawatt-22 in nearby South Bend! The both of us are definitely  
 fighting these at ORTC hearing Jun 26 by mail &/or in person.& With  
 controversial education outbacks sending CJRT-FM off air, who needs an  
 OECA xmtr every40 miles!

Have a DXful summer, M & J



If you still need transportation and would be interested in traveling with another DXer (splitting gas expenses) please explain: (We're not guaranteeing a ride, but will make every effort to put you in contact with a DXer in your area that can provide a ride.)  
The sooner you write, the better chance you'll have. If all else fails, there's always Greyhound! \_\_\_\_\_

About what time, on what day do you plan to arrive? \_\_\_\_\_

Please check, if you plan to bring any of the following: ( ) DX tape (reel to reel)

( ) DX tape (compact cassette) ( ) 35 mm slides ( ) 8 mm DX movie ( ) Super 8

Name \_\_\_\_\_

Number of persons to be included

Address \_\_\_\_\_

in this reservation \_\_\_\_\_.

City \_\_\_\_\_ State/Pr \_\_\_\_\_ Zip \_\_\_\_\_

I am primarily interested in: (For program planning) ( ) TV-DX ( ) FM-DX ( ) VHF Radio  
( ) other DX Also interested in \_\_\_\_\_

**IT'S WHAT'S  
HAPPENING!**

# Your attention, please!

## WFFDA 1973 CONVENTION REGISTRATION FORM

Please complete and mail  
as soon as possible and  
not later than July 24!

Please include a  
SASE for confir-  
mation reply.

Mail to:

Robert Seybold  
Bennett Road,  
Dunkirk, New York

Please reserve a motel room for me, for the following dates: August \_\_, \_\_, \_\_, \_\_, \_\_, '73.

I would be interested in sharing a room with one or more DXers for a possible rate reduction: Yes ( ) No ( ). Comments \_\_\_\_\_

( ) Enclosed is \$10 advance registration fee (per person). ( ) Will pay at convention.  
(registration fee includes one dinner, refreshments, and other convention expenses.)

If you can provide transportation for other DXers in your area, or along the way,  
(splitting gas expenses) please explain: \_\_\_\_\_

# SOUTHERN · FM DX

Editor:  
Richard E. Wood  
820 Arlington Ave.  
Baton Rouge LA 70806  
Tel. 504-343-7771

## FEATURING FM DX FROM LOUISIANA TO MARYLAND

Michael Dorner, Jr., 1309 Hymelia Ave., Metairie LA 70003

Times CST. Apr. 20: new WTUB 105.7 Troy AL in faintly from 2030; building thru 2303; live anncr nites w/ mixture C&W & Top 50. \$ 2300 ID "\$ wTUB from the heart of Dixie..." Opening was strong to E, caught WJLN 104.7 Birmingham 2329 w/ DJ & spot for "Angry Revolt"...noted later that opening was also strong to W, but was busy w/ other things.

Apr. 23: KNOE- 101.9 Monroe LA at 0000, live dj, \$, oldies & top 50; gd sig, quite clear; s/off 0100 w/ "Be Syoll & Hear" rel; "Dixie" & SSB; s/on daily 6 am... 0100 WMEZ 94.9 Pensacola FL EZ atmtd & spot for Elving's FM Atlas.

Times CDT. Apr. 30: excellent trop opening, long awaited after a vy stormy winter. (Yes indeed, REW). WKNO- 91.1 Memphis TN live anncr w/ jazz recordings, Glenn Miller mx, etc., \$, building, gd qual sig, s/off 2200, returns 8 am daily. This pgm hrd several days later, seems to be a nightly fixture... 2140 WIRB- 96.9 Enterprise AL, atmtd heavy RR, sounds like new power increase now in effect. 2142 spot for "The Hub" in Urzark, \$... 2300 WCRT 96.5 B'ham AL w/ EZ mx, "Swing Softly w/ WCRT-", \$, first time I've copied this stn so clearly, despite noisy atmosphere... 2303 network nx ending, PSA, pollution, fading, wonder if was long-sought WABC Columbus MS... [You omitted freq., Mike, assume 103.1, REW]. The usual MS-AL-w. FL FM in and B'ham stns, too, all quite strong... WCOV- 92.3 Montgomery AL noted w/ "Hit Parade" atmtd format, \$, quite strong.

May 1: long sought stns came in during the wee small hrs w/ a fine opening which drifted quickly w. 0504 KOTN- 92.3 Pine Bluff AR w/ Top 40, // AM, "The Mx. Machine", live anncr; mono, poor sig, fading severely... 0513 WHTB 92.7 Talladega AL, weak but firm, atmtd EZ, "\$ 93, WHTB", spot for whitney's Tire Store. This Class A has an 870-ft. tower!... 0530 new WABB- 97.5 Mobile out of nx w/ Chris Elliot, strong, \$, RR... 0535 WRBL- 102.9 Columbus GA out of nx, into MoR mx, strong... 0536 WATM- 104.1 Atmore AL out of nx, 62° and predicted showers, PSA-rare stn, heavy QRM... 0540 WHYD 107.3 Columbus GA, \$, C&W ID in passing... 0558 WKLD 97.7 Clanton AL w/ Gospel mx, spot, Louie's restaurant, at times snowed under vy hvy QRM, perhaps from 97.7 Opelika AL... 0605 WRF5- 106.1 Alexander City AL, vy ancient FM still operating w/ original 4.6 kW power; nx, spot... 0610 long-sought WFMI 98.9 Montgomery AL // WQTY AM, MoR mx, item on KY-CD game, 0617 PSA for concert composed in honor of George Wallace to be played on Capitol steps... vy weak sig... left for work after pulling at 0700 WCLD 103.9 Cleveland MS atmtd EL, song broken for ID "\$ 104, WCLD Cleveland" & nx. This brings my total to 381 stns. Perhaps I'll break 400 this spring. 73.

Hank Holbrook, 7211 Chestnut St., Chevy Chase MD 20015

DX-ing from Fair Haven MD cottage overlooking the Herring & Chesapeake Bays.

We opened up the cottage on Fri. Apr. 13 and commenced the 1973 FM DX Season. The following stns have been logged & reported.

mi	power	shown	on QSL	time EST
89.3	WQED Pittsburg PA 215	43 kW	4/13	1735-1823 Fairly gd - CL mx w/ nx & wx at 1800. QSL by letter
101.7	WNNN Canton NJ 100		4/13	2045-2120 Strong (local) Show tunes/ ads; nx at 2100
91.3	WQLN Erie PA 280	35 kW	4/14	0558 s/on-0830 Poor/fair CL mx. QSL card (mimeo post card)
103.7	WHOG Havre de Grace MD 60		4/20	2159-2025 (d'you mean 2225? REW), ex-WASA. Good. Pop mx, ads, nx 2200
95.3	WPVA Petersburg VA 110		4/21	0517-0543. Gd w/ some fading; C&W, ads. Top 50.
104.5	WQRK Norfolk VA 130		4/21	1045-1115 - QRK "The Great Blow-off" RR. Few ads, PSA's (drugs) Gd. Ex-WTII
89.9	WVIA Scranton PA 180		4/21	1225-1315 Equipmt. tests. Noted on R 4/23. Good on the Bay. Will carry

Hank Holbrook (Cont.)

jazz, folk, pop. CL mx. Info pgms.  
Variety.

102.1 WRXL Richmond VA 100 4/23 0527-0610 Gd. Ex-WRNL. \$ MoR mx. Vy  
few ads & PSA's. Nx & wx. 0600.

Recent verie in from WKDU Philadelphia after many tries. Returned my PP card but did not list power. I presume I can count this as a 10-watter. Often noted on Bay late at night when stns on adjacent channels off - often good. FM veries at 637 stns from 31 states, Ont., Que. and Man. plus Bermuds, Cuba & Puerto Rico. Good DX. (Thanks for your support in yet another thin month of little trop and no skip for all of us, Hank. Other comments on format appreciated and sent on to Club HQ. REW)

Lowell E. McCown, Box 416, Martin KY 41649

Nothing new hrd here since Dec. 17, 1972. Have been reporting the hold-outs from last year. Some it has taken 3 rpts. Usually I send a form letter w/ the 3rd. report (I don't quite follow this, do you mean a prepared verification sheet? REW), and if that doesn't get results I don't waste any more time or postage w/ them; I don't feel it's worth pursuing any further. After 3 rpts I still have nothing from: KKFM CO; KICT KS, KITY TX. My 3rd. KITY rpt was returned marked "insufficient address". Have they moved from San Antonio? (No, but they have changed format from C&W to EL, which might imply other changes such as address. Try telephone inquiry, free, inquiring after number, then address. REW) Can someone give me their complete address? Today, rcvd ltr from KTQM NM for state #32 verified, after 3 rpts for Jun. 2, '72 reception. I have hrd 3 stns from SC, but no GSL's. (I have 2 hrd, both verified, REW) Totals stand at 117 verified; 32 states ver'd, 32 hrd.

I would like to make a suggestion for the bulletin: each month run at least  $1\frac{1}{2}$  p. on some member telling about their career as an FM DX-er. I would like to know more about our members other than just what stns they are hearing. I even enjoy a little controversy occasionally, hi. (Me too, REW).

After hearing FM DX via Es I have been tempted several times to build some equipment and give 6 m. a try. Most of my ham activity, though, is on 75 and 40 m. I haven't been active the last couple of yrs due to no space for antennas. 73 till next time. (Please tell us exactly where Martin is, Lowell, REW).

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## Convention Notes...

ATTENTION SOUTHERN DXERS!!! New Orleans DXer, Ron Le Blanc, is hoping to drive to the WTFDA convention in Dunkirk, New York. But Ron needs riders to split the expenses and driving duties. Ron has a full size station waggon and can take up to five passengers. If you're anywhere from the south of Texas (like Joe Gragg) to all points in between New Orleans and New York, and need a ride, drop a line to Ron today! If Ron gets at least four riders, it could cost as little as \$25 for round-trip driving expenses!

Write to Ron Le Blanc at: 2524 Arizona Drive,  
Marrero, LA 70072

Other DXers who can provide rides, should write to convention host Bob Seybold (see page 31) or Hq as-soon-as-possible.

# WESTERN FM DX

Editor:  
Mike Dornier, Jr.  
1409 Hymelia Avenue  
Metairie, Louisiana 70003

-----  
DX FROM THE LAND OF BEGINNING AGAIN  
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(Ed. note: Because I have not left for overseas as soon as I had expected, I am able to continue the editorship until a new editor is announced.)

Frank E. Aden, Jr., WDX7DXA, 915 South Curtis, Space 71, Boise, Idaho 83705

On April 1, 1973, all times MST: (Here Frank lists a group of stations from western Oregon, giving only call, mhz and time. WVD doesn't print simple lists of stations; we want everyone to participate, but reports must have, in addition, city, indication as to mono or stereo, type of music/identifying slogans/type of program, and perhaps an indication as to signal quality. E.g.: 0441 KWIL-FM 105.1 Albany, Ore (000 miles), \$, spot for hardware store, atmid rock, steady but weak... 0445 KLOO-FM 106.1 Corvallis, Ore (000 miles), //AM, top forty, young anncr, mono...) Very good results. KSLM (105.1, Salem OR --ed.) was extremely strong at 530pm. Never seen auroral reception this strong before. The opening lasted to about 6:30 pm. Equipment: Sony St 80F; Wineguard antenna with preamp. As of June first I will be living in Bend OR. Bend should be an excellent DX site. More room for antenna, I hope. (You'll have almost a clear band--100.3C has recently been granted in Bend, and there are two applicants for 94.1C there. But any way you Bend it, you should be doing great DX. --ed.)

Pat Dyer, WA5IYX, 5315 Silvertip Drive, San Antonio, Texas 78228

GST used extensively. Apr 10: 1720-1805, Es to west to Ch. 5, FM checks found nil. Apr 13: 0101, KSMB, 94.5 Lafayette LA (400 mi) with ID, rock, later local ads.

Apr 14: 0146 KSMB ID, wx, local ads... 0156 KSPJ-FM 95.5 DiBoll, TX (260 mi) ID, C&W format getting over KOKE- Austin vly well.

Apr 19: 2123 KELT 94.5 Harlingen TX - \$, auto MOR, ID (235 mi)... 2200 KAMC 94.9 Arlington TX, ID, mono rock (245 mi)... 2302 KCIR 107.9 Corsicana TX (215 mi) ID s/off (KBUC-local on)... 2329 KOAX 105.3 Dallas TX (250 mi) ID, Stereo 105, EL... 2336 KNUS 98.7 Dallas TX, "K-news 99, Stereo rock"... 2354 KDNT 106.1 Denton TX (260 mi) local ads, MOR mix rock..

Apr 20: 0014 KXOL-FM 99.5 Fort Worth TX (240 mi), wx and ID, MOR... 0045 WFAA-FM 97.9 Dallas TX, EL "The Velvet Sound, Stereo 98"... 0100 KSCS 96.3 Fort Worth TX, news c&w format (should be a solid gold c&w format, ex-WBAP-FM -- ed.)... 0101 KAFM 92.5 Dallas TX, local ads, rock (ex-KRLD-FM, ed.)... 0111 KVIL-FM 103.7 Dallas TX, ID, MOR ... 0200 KBUY-FM 93.9 Fort Worth TX, ID at end of news... 1000 KVMV 96.9 McAllen TX (215 mi), end Spanish pgming, ID... 1035 KQXX 98.5 McAllen TX, local ads... 2228 KAMC ID "FM 95".

Apr 21: 0010 KNUS, contest clues... 0011 KSCS, ID... 0015 KXOL-FM ID, wx... 0049 KAFM, ID... 0050 KBUY-FM ID... 0058 KOAX local ads... Apr 29: 2020 KAMC local ads, 2215 KLBK-FM 94.5 Lubbock TX (350 mi) EL \$... Apr 30: 0130 KXOL- auto MOR ID... 1100 KGAF-FM 94.5 Gainesville TX (310 mi) ID and wx... 1122 KAMC, news... 1137 KNUS, ID...

May 1: 0030 KSCS wx; 0031 KAFM ID... May 2: 0038 KSCS ads... 0052 KAMC ID, 0058 WFAA-FM short news; 0107 KXOL psa and slogan ID as a "Gold Mine"... May 5: 0059 KAMC ID as Arlington-Cleburne... May 9: 2357 KEFM 103.3 Nacogdoches, TX (280 mi), news-wx, MOR... May 10: 0017 KSPJ DiBoll TX, ID... KCAW-FM 93.3 Prt Arthur TX (280 mi) local political ad (KITV- on), C&W format... 0033 KAYD 97.5 Beaumont TX (275 mi) full ID as 24 hr \$, El format, with local KEEZ- 97.3 on (nice catch! --ed)... 0100 WTAW-FM 92.1 College Station TX (160 mi) s/off annctms, rock... 0149 KNUS ID... 0158 KRAL-FM 98.1 Texarkana TX, ID simulcasting KCMC 740 khz, c&w... 0245 WFAA- \$98 ID, 97.9... many other Dallas-Houston re-logs.

The May 9-10 loggings were made with a revamped SX-62. It's not as sensitive as it could be but the selectivity (my first 97.5 logging with nsp KEEZ 97.3 here sure makes the FM band look different. KITV 92.9 San Antonio switched format from C&W to

MOR recently... Now if only the slumbering Es season will get into gear... it's been sparse even on 30-50 mhz, so there's a long way before the FM season is with us. 73.

Glenn Hauser, Box 300 (new), Von Ormy TX 78073 (CST always) (Apr 9 - May 6)

A Mexican drifter, Arkansas #2, and an amazing coincidence were the only high-lights of a rather ordinary month devoid of Es and extensive Gulf tropo. Receiver is a Harman-Kardon F1000T tuner with Lafayette LA224T amplifier; CADDO IPA always boosts FM signals a great deal. Antenna, a 10-element yagi atop an Archer rotor about 20 feet above ground. Freq measurement by oscillator harmonics from Hammarlund HQ160 SW rx.

Apr 12							
2225	Tr	89.9	WWNO	New Orleans LA	(510)	vocal cl mx; LA on TV	
Apr 13							
0157		94.5	KSMB	Lafayette LA	(405)	§ 94, ID	
0159		95.1	KTRM?	Beaumont TX ?		tonetests	
0659		89.3	WPCS	Pensacola FL(AL)	660	ID, nx	
Apr 18							
0930		94.9	KBDM-	Roswell NM	400	poor	
2315		98.1	XHRL	Monterrey NL	265	La Chica Musical promo	
2328		93.2	XHQQ	Monterrey NL	265	beisbol; 2359 still, ID as XEH "R. Actualidades," // 1420 khz; 0005 final inning from Tampico; 0014 end, //XETU, 0014 s/off with song "Cielito Lindo."	
2329		94.1	XET-	Monterrey NL	265	German pop song, 0100 ID	
Apr 19							
2240		91.9	KTAI	Kingsville TX	130	astrology report; not off for Easter; first and last heard exactly 1 year ago!--within 3 mins.! The stars must have ordained... s/off, mx to 2300, then OC	
2257		98.1	XHMLS	Matamoros Tams	245	s/off ment KWHN(AM)	
2327		99.1	KMAG	Mt Magazine AR	500	hesitant local nx; 2336 KUQA FM § ID, end nx, mx, AR #2 here; very difficult state.	
2333		105.7	KUQA-	Siloam Sprgs AR	530	jazzy; northerly; s/off 5:30 return, 25kw, SSB local wx	
2338		107.9	KOIR-	Corsicana TX	235		
2345		95.3	KAWB	McKinney TX	300		
Apr 20							
0005		106.3	KTON-	Belton TX	140	end Ai nx, "24 hrs"; "super-kicker"	
2255		91.7	KOSU-	Stillwater OK	480	north; cl mx; 2307 YL anner, OK tornado watch; stationary-front Laredo-Dallas etc. jazz; 2333 "here in the capital city"	
2322		98.9	KFJL	Oklahoma City OK	435		
Apr 21							
0000		99.7	XHPB	Veracruz, Ver	715	ID as "PB Estereo"	
0052		92.5	KAFM	Dallas TX	250	ID; ex-KRLD-	
0106		101.5	KLAW	Lawton OK	365	end ow nx w/Ai stringer	
0107		101.1	WRR-	Dallas TX	260	cl mx; rarely heard here	
0830		91.7	KOSU-	Stillwater OK	480	in & out most of the morning	
1930		98.1	XHRL-	Monterrey NL	265	in w/La Chica musical ID's, but at 2010 hrd w/call letter ID, first time ever.	
Apr 22							
0700		98.1	XHRL-	Monterrey NL	265	still; weak, in&out to 0825 tuneout	
0826		97.9	WFAA-	Dallas TX	250	// 570 khz; must be Sun morn phenomenon	
1603		89.3	WPCS	Pensacola FL(AL)	660	hymn, weak; also briefly in morning; 2100 ID	
2347		98.1	XHRL-	Monterrey NL	265	in w/usual	
Apr 23							
1140		98.1	XHRL-	Monterrey NL	265	in w/usual	
Apr 24							
2208		98.1	XHMLS	Matamoros Tamps	245	La Chica Musical	
Apr 25							
0004		95.349	XHOX-	Tampico Tamps	495	"Estereoritmo"; out of order atmtn w/ID's, mx bits; 0029 phone 2-16-60; 0055 still; 0059 same ID/mx foulup; 0105 5 de Mayo PSA; ID after every cut; not hrd after 0130; has varied up from 95.38; nominal 95.3 atmtn; typical dead air in; 1630 only this and XET-TV in of city's FM and TV's, strange.	
Apr 29							
0959		94.9	KBDM-	Roswell NM	400	Composer's Forum; 2300 ABC nx(new), 2305 a/off	
1330		98.1	XHRL	Monterrey NL	265	C&W, 1848 local ad; 2330 most OK out	
1833		91.7	KOSU-	Stillwater OK	480		
1835		94.7	KEBC	Oklahoma City OK	430		

1837	Tr	98.9	KFJL	Oklahoma City OK	435	soul, jazz
1902		91.5	KANU?	Lawrence KS	695	classical mx
1920		104.1	KOFM	Oklahoma City OK	435	John Acord w/cl mx
<u>Apr 30</u>						
0922		89.3	WPCS	Pensacola FL(AL)	660	sermon
<u>May 2</u>						
0218		94.1	XET-	Monterrey NL	265	2:15 TG en "Estereo 94"; 0350 still on
0219		98.1	XHRL	Monterrey NL	265	La Chica Musical still on; 0350 too.

Until the next, 73 de Glenn.

## MEXICO (continued from page 4)

Many "L" (only) stations carry as their only interconnected program, aside from special events, "Imágenes de Nuestro Mundo", Sundays 1800-2000, originating at net-4. Net-8's Sunday schedule seems to have changed to 1330-2430; other minor schedule changes can best be followed by taking advantage of

**A SOURCE FOR TELE-GUÍA:** In McAllen we persuaded an optometrist who has a side line supplying Mexican magazines to Americans, to provide Tele-Guía (the Mexican TV Guide) to WTFDA members on an informal basis. You may request any number you wish, at any interval you wish (e.g. one a month, weekly, one only--but he cannot guarantee an unbroken weekly 'subscription') at the price of 25¢ a copy (subject to change); no envelope necessary. He'll send the edition sold in Reynosa, which include all Mexico City stations (ergo all network programs) plus an insert for XEFB-3 and XHAW-12. Thanks to Dr. Hammond, 211 S. Main, McAllen TX 78501, for his kind cooperation!

Odds 'n' ends from Tele-Guía: More and more pressure is building up, judging from viewer letters and editorials, to expand the other networks, particularly net-8, to cover as much of the country as net-2 does (either this, or switch more sports programming from 8 to 2!) Another letter echoes our complaint about network service being chopped off at 0030 sharp, regardless of what program may still be in progress. For the July 1 election, political spots are being allowed on Mexican TV "for the first time in history". In the ratings, "24 Horas" has fallen from first place, indeed out of the top ten. XEIPN-11 is upgrading its technical standards and foresees a changeover to almost full color.

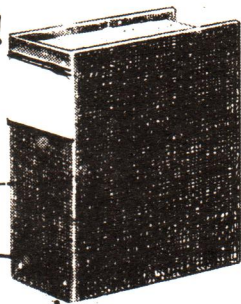
We have compiled the latest addresses and managers' names for virtually every Mexican FM and TV station. If you can't wait for the 1974 World Radio-TV Handbook, we'll be glad to supply any you may need for a self-addressed stamped envelope. ...73 y hasta la próxima!

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# VHF UTILITY DX

Pat Dyer  
5315 Silvertip Drive  
San Antonio, TX 78228  
Deadline: 12th of month

JUNE 1973

It has recently come to my attention in a rather roundabout fashion that some members have been encountering difficulties with various portions of my recent special 3-part series on Es (VUD Dec '72, Jan-Feb '73). (The articles were done in response to a HQ request last August). For those with problems that would like additional information or explanations on specific points, I'd appreciate hearing from you. Comments, criticisms, etc. are welcomed as future VUD use of such technical articles by myself and others hinge on membership acceptance.

-----  
Glenn Hauser, Box 62, Von Ormy, TX 78073 - GMT, same rx-ant as before

3-6: 1850, 40.36-Sp.      11: 2015, 40.36-Sp.      13: 1936, 40.85-  
7: 2257, KFL 936 (Es)      2105, 38.82-Panama      Colombia

Richard T. Colgan, PO Box 18268 - Serna Station, San Antonio, TX 78218  
Realistic Pro-2, Midland 13-920, Petersen HL-44; A/S MON 8 @ 40 ft; GMT

11-20:	0126, KSU 412	33.64	Strawberry Park, CA (county fire)
	1831, -	35.26	Eugene, OR (mobile phone)
	1839, KGN 689	33.54	Norfolk, MA (fire)
25:	1701, KGA 410	33.90	Wareham, MA (fire)
26:	0231, KMF 964	39.98	Los Angeles, CA (sheriff)
	0426, KMG 903	42.56	Barstow, CA (state police)
	0440, KLR 514	39.50	Kingman, AZ (sheriff)
12-3:	0046, KQA 358	39.64	Lisbon, OH (sheriff)
	0112, KJF 908	39.18	Gila Bend, AZ (police)
	0359, KOE 257	43.58	Phoenix, AZ (pager)
4:	0258, KIB 479	45.06	Pahokee, FL (state police)
	0305, KIB 481	45.06	Fort Myers, FL (state police)
5:	2329, KAR 328	33.86	Grove City, OH (fire)
	2335, KQB 358	45.02	Wilmington, OH (state police)
6:	0010, KGN 678	45.08	Salem, VA (local government)
	0053, KDS 620	33.94	Batavia, OH (county fire)
	0127, KIH 781	42.62	Salisbury, NC (state police)

Hank Holbrook, 7211 Chestnut Street, Chevy Chase, MD 20015 GMT

4-23: 1248, KEC 83 162.4 Baltimore, MD (National Weather Service; atop Maryland National Bank Bldg, 600 ft, aim N62°E -1 kw)

-----  
Now, my loggings; Allied A-2586 and Hallcrafters SX-62 with 30-ft in-door random-wire antenna; all Es except \* F2, \*\* F2 backscatter; GST

4-13:	2050, L Beach	2:	2045, KQD 313	5:	1601, KLF 527 *
18:	2205, L Beach		2056, KQC 877		1603, KKJ 460 **
5-21:	1223, KFL 943		2237, KMA 829		1620, KLY 508
	1933, KSD 326		2305, L Beach		1632, KMA 829
	1937, KKSJ 815		2308, KFL 936		1649, KDN 402
	1950, KQC 884	3:	0952, solar noise	8:	1749, KFL 936 **

KDN 402	35.54	Omaha, NE-t	KQC 877	35 +	Cincinnati, OH-t
KFL 936	35.58	(west)-t	KQC 884	35 +	Highland Park, MI-t
KFL 943	35.58	Las Vegas, NM	KQD 313	35.50	Dayton, OH-t
KLY 508	35.22	Orlando, FL	KSD 326	35.58	Indianapolis, IN-t
KKJ 460	35.22	Fort Worth, TX-t	KSJ 815	35.22	Fort Wayne, IN-t
KLF 527	35.22	Honolulu, HA	-	35.58	Long Beach, CA
KMA 829	35.58	San Diego, CA-t	(all are pagers; t-tone Morse A2 ID)		

So far, a very slow Es season here.



# WESTERN TV DX

June 1973

Note these addresses and deadlines for summer WDX.

You have certainly noted Glenn Hauser's increased Mexican and other Latin-American identifications since last month. Whether he has mentioned or not, it is safe to say that his Mexican TV and FM DX reports and articles (along with similar contributions by Richard Wood) are the most accurate such information available anywhere. Follow these sources closely during such DXing this season.

Dennis Park Smith  
1200 W Sacramento Ave, #15  
Chico, California 95926  
Deadline: 12 June  
450 Poplar Avenue  
Wasco, California 93280  
Deadline: 5 July  
c/o Ben Tharning  
1631 Sunnyvale Ave.  
Walnut Creek, CA 94596  
Deadline: 5 Aug.

Tropo in April was hardly spectacular, but was rather consistent in its confines around south Texas, the farthest being Las Lajas, Veracruz VHF-TV at 695 miles. DXers further north weren't neglected entirely; those in Idaho and Minnesota caught some aurora DX on VHF (ch 6 & 50 MHz) on April 1, 14, 26.

There have been lots of tornadoes but very little Es. Es dates: Apr 10 13 18 May 2 9  
What Es did occur was noted only in south Texas and # reporters: 1 1 1 1 1  
very little of that, in contrast to earlier months. MUF at least: ch 5 3 3 3 2

Frank E. Aden, Jr., 915 South Curtis, #71, Boise, Idaho 83705 (Spring thru Apr) (MST)

Little TV DX here; hoping for a good season. The only DX noted lately:

April 1 aurora 1659 KOIN-TV 6 Portland OR (audio only).

I've never seen aurora this good before. No video due to local interference on my Arvin 9-inch TV. Antenna was pointed NE!; nothing came in from the NW.

I will be living in Bend, Oregon as of June 1. Bend should be excellent for skip. 73.

James J. Stiles, Carleton College, Northfield, Minnesota 55057 (Spring thru Apr) (CST)

While I do have some interest in TV DXing, my primary interest at this time lies in working the 6-meter band. My call is WBØIWG. Much of the information I will be supplying in my reports will therefore concern activities on 6-m. Hopefully, this will be of interest to those of you who DX the low-band channels. I am always interested in knowing when channel 2 opens, hence I scan all the reports carefully, but tend to get rather upset whenever I discover that I've missed an opening...Hi!

My equipment for 6-m includes a Swan 250C transceiver with NS-1 noise blander. The antenna is a six-element beam at 70 feet. The TV here is a Zenith 21", and the antenna is a 10-element all-channel model.

No E skip has been observed from this QTH thus far this spring. Aurora has been quite prevalent, however. An excellent opening occurred April 1 from 1400 to 2030. Wisconsin, Ohio, Michigan, Indiana, Illinois, New York, Missouri, Iowa, Tennessee, Kentucky, Nebraska, Kansas and South Dakota were the states heard and worked during this period. On April 14, from 0230 to 0400 more aurora was noted. New York, Michigan and South Dakota were worked, and Wyoming was heard as well. On April 26 at 2214 more aurora was noted, but only the northernmost areas were affected. A Minnesota station near the Canadian border was worked. (Were these on CW, AM, or FM, Jim? dps)

In case anyone is interested, I have several Channel Master #7008 traps for sale. The units consist of two tunable traps each, and when tuned to any frequency in the range from 50 to 108 MHz attenuate it by 60 db...great for adjacent-channel interference. Also I have a dual gate MOSFET preamp tuned to channel 3. Its bandwidth is about 3 MHz, noise figure is about 2.5 db, and the gain is in excess of 30 db (there is a manual gain control on it). While there is some distortion of the picture (it loses some resolution), it is still quite easily viewed...and it can't be beat for weak tropo DX.

(Thanks very much for your report, Jim. Pat Dyer (WA5IYX) also follows DX conditions below channel 2, as does his VHF Utility DX column. He is active on 6 meters (50 MHz band) also, though I don't know if his column deals much with such DX. You and Pat may have similar propagation interests, and between the three of us, we can perhaps figure out which information is best for which column. dps)

Robert Davis, Jr., Box 13581, San Antonio, Texas 78213 (Spring thru 20 Apr) (CST)

This is my first report to VUD since becoming a member in late 1972. I don't usually have time to DX except on holidays and weekends. I have nothing great to report, but I wanted to contribute something as a member. New loggings are underlined.

All gw/tr. April: (20) 0020-0046 KDFW-4 Dallas TX  
19 2230-2331 KEDT 16 Corpus Christi TX 0029-0050 WFAA-8 Dallas TX  
20 0016-0023 KEDT 16 Corpus Christi TX 2140-2223 KTVV 36 Austin TX

- (20) 2225-2235 KVUE 24 Austin TX
- 2300-2304 XEFE- 2 Nuevo Laredo (s/off)
- 2235-2245 KGNS- 8 Laredo TX
- 2200-2300 KZTV 10 Corpus Christi TX
- (20) 2230-2330 KRIS- 6 Corpus Christi TX
- 2315-2330 KPRC- 2 Houston TX
- 2200-0100 KIII 3 Corpus Christi TX
- 2200-2330 KTBC- 7 Austin TX

As you can see, all of these are semi-locals but the UHF's were my first ever to log. The VHF stations from Corpus Christi, KTBC-7 Austin and KPRC-2 Houston are all received on a fairly common occurrence.

I reported mainly because this is the most new stations logged by me at one time in one day. I hope to experience more days like this so I can report again though I see no point in listing re-logs unless they are at least 600 miles away.

(Anything you can contribute is welcome, Bob. I can't DX very often, either. dps)

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228 (10Apr-10May) (CST exclusively)

Receiver: 1971 model Penncrest 9-inch black-and-white

Antennas: Archer VHF V-100 and 8-bay UHF bow-tie at 20 feet

10	Es	1655	unId	2	west	(19)(tr)	2225	WFAA- 8	Dallas TX	250	
		1720-1805	2-5	maybe	KOAI, KORK, KTVK		2310	unId	16 (ø offset to KEDT)		
		1743	XHBC- 3	Mexicali	BCN	1015	20	tr	0024	KGBT- 4 Harlingen TX 235	
		17229	KLNI-15	Lafayette LA	N 400					unids 4,5,7,10	
12	tr	2300	KATC	3	Lafayette LA	400	0030	XHPN- 9	Tampico Tamp	N 505	
		2305	KVRL	26	Houston TX	185	1730	KVRL	26	Houston TX 185	
		WGNO-26	New Orleans LA	T 510			1859	KHTV	39	Houston TX 185	
		2328	KFLC- 7	Lake Charles LA	325		2009	KXTX-33	Dallas TX	T 250	
		2356	WRBT	33	Baton Rouge LA	450	2059	KNCT	46	Belton TX 135	
			KHTV	39	Houston TX	T 185	2153	KAMU-15	College Station TX	N 150	
13	tr	0006	KJAC- 4	Port Arthur TX	280		2202	KERA-13	Dallas TX	250	
		0025	WNL - 4	New Orleans LA	510		2351	KSEL-28	Lubbock TX	350	
		0029	KPDM- 6	Beaumont TX	275		2354	KTVT	11	FortWorth TX 240	
			WFUE	8	New Orleans LA	510	21	tr	0000	KCBD-11 LbkTX 350	
		0030	WAFB- 9	Baton Rouge LA	T 450		0032	KMID- 2	MidTX	280	
	Es	2055	XHBC- 3	Mexicali	BCN	T1015	0041	KLBK-13	LbkTX	350	
14	tr	0003	KVRL	26	Houston TX	185	0042	KOSA- 7	Odessa TX	T 275	
		0103	KFLC- 7	Lake Charles LA	325		0100	WFAA- 8	TX		
		0120	KLNI-15	Lafayette LA	T 400		1815	KVRL	26	TX	
		0135	WRBT	2	Baton Rouge LA	T 450	23	tr	0925	KVRL	26
			WAFB- 9	Baton Rouge LA	T 450		24	tr	1958	KVRL	26
							25	tr	0005	XHAB- 7	Matamoros Tamp
16	tr	1059	KTVT	11	Fort Worth TX	240	28	tr	2330	WRBT	2
		1129	WFAA- 8	Dallas TX	250				0030	KGBT- 4	Harlingen TX 235
		1723	KNCT	46	Belton TX	135			WRBT	2	Baton Rouge LA T 450
			KERA-13	Dallas TX	250				KPLC- 7	Lake Charles LA	T 325
			KDTV	39	Dallas TX	T 250			KHIV	39	Houston TX T 185
18	tr	0847	KVRL	26	Houston TX	185			KBMT-12	Beaumont TX	T 275
			KHTV	39	Houston TX	185			2259	KVRL	26
		1440	KNCT	46	Belton TX	135			WGNO-26	New Orleans LA	T 510
			KDTV	39	Dallas TX	T 250			KLNI-15	Lafayette LA	400
			KTVT	11	Fort Worth TX	T 240			2325	WRBT	33
		1459	WFAA- 8	Dallas TX	250		29	tr	0027	KLFY-10	Lafayette LA 450
	Es	2159	KNXT	2	Los Angeles CA	1190			0037	WAFB- 9	Baton Rouge LA 450
									0135	KMOM- 9	Monahans TX 295
										unId	7
	tr	2230	XHX -10	Monterrey NL	T 270				1930	KTVT	11
			XEFE- 3	Monterrey NL	T 270				KERA-13	Dallas TX	T 250
		2355	XET - 6	Monterrey NL	T 270				1954	KMID- 2	Midland TX 280
									2005	KOSA- 7	Odessa TX 275
											(Firing Line)
19	tr	1600	KVRL	26	Houston TX	185			2130	WFAA- 8	Dallas TX 250
		1725	KNCT	46	Belton TX	135			2158	KCBD-11	Lubbock TX 350
		1858	KHTV	39	Houston TX	185			2202	KSEL-28	Lubbock TX 350
		1930	KAMU-15	College Station TX	T 150				2206	KLBK-13	Lubbock TX 350
		2055	KDTV	39	Dallas TX	250			2330	KSWB- 8	Roswell NM (//Ch11) 440
			KERA-13	Dallas TX	250				0020	KAVE- 6	Carlsbad NM 385
			KTVT	11	Fort Worth TX	240			0032	KBIM-10	Roswell NM 440
			KXTX-33	Dallas TX (new call)	250		30	tr	0959	KMID- 2	Midland TX 280
			WBAP- 5	Fort Worth TX	T 240					KOSA- 7	Odessa TX 275
										WFAA- 8	Dallas TX 250
		2145	unId	8	Mexico					KTVT	11
		2213	KDFW- 4	Dallas TX	250						Fort Worth TX T 240
											(over local)





(30)(tr) (125) KERRA-13 Dallas TX	T 250	(4)(tr) 2317 KFDM- 6 Beaumont TX	275
1625 KVRL 26 Houston TX	T 185	2350 XEFB- 3 Monterrey NL	T 270
2041 KLEB-13 Lubbock TX	350	5 tr 0015 KTRF- 9 Lubkin TX	T 265
2045 KCB-11 Lubbock TX	350	0035 KPLC- 7 Lake Charles LA	325
2310 KSEL-28 Lubbock TX	350	0046 KBMT-12 Beaumont TX	275
2322 KRBC- 9 Abilene TX	220	0128 KGBT- 4 Harlingen TX (tp)	235
2328 KCTV 8 San Angelo TX	180	0133 WFAA- 8 Dallas TX	250
2329 KACB- 3 San Angelo TX	180	0930 KERRA-13 Dallas TX	250
2332 WBAP- 5 Fort Worth TX	240	KTVT 11 Fort Worth TX	240
KMOM- 9 Monahans TX	295	1030 unIds 33,39	
2338 KDFW- 4 Dallas TX	250	6 tr 2044 KVRL 26 Houston TX	185
1 tr 0000 unIds 8,9,11		2059 KHTV 39 Houston TX	185
2310 KDFW- 4 Dallas TX	250	7 tr 1010 WFAA- 8 Dallas TX	T 250
WFAA- 8 Dallas TX	250	9 Es 1120-1140 2 unIds (n.e.)	
WBAP- 5 Fort Worth TX	240	tr 2003 KVRL 26 Houston TX	185
2325 XEFB- 3 Monterrey NL	270	2025 KHTV 39 Houston TX	185
XHAB- 7 Matamoros Tamp	T 250	2115 KLN1-15 Lafayette LA	400
XET - 6 Monterrey NL	T 270	2120 unId 16 (Ø to KEDT)	
2 tr 0031 XHX -10 Monterrey NL	270	WRBT 33 Baton Rouge LA	450
XHBR-11 Nuevo Laredo Tamp	145	2200 KPLC- 7 Lake Charles LA	325
Es 1255 KORK- 3 Las Vegas NV	1070	2240 unId 11 (Spanish)	
tr 1530 KACB- 3 San Angelo TX	180	2303 KJAC- 4 Port Arthur TX	280
Es 2000 unId 2 (n.e.-brief; lots on 35MHz)		2313 KDFW- 4 Dallas TX	250
tr 2202 KVRL 26 Houston TX	T 185	2320 KGBT- 4 Harlingen TX	235
2245 WFAA- 8 Dallas TX	250	2330 WAFB- 9 Baton Rouge LA	T 450
KTVT 11 Fort Worth TX	240	2335 WFAA- 8 Dallas TX	250
4 tr 2100 KVRL 26 Houston TX	240	2336 WBAP- 5 Fort Worth TX	240
2245 XHAB- 7 Matamoros Tamp	T 250	2340 KNCE- 8 Monroe LA	450
2252 KHTV 39 Houston TX	185	several unIds	
2307 unId 33			


A rather lengthy report this time, but almost every scrap of it is tropo. Es has been ominously slim in its display so far, and I'm not as optimistic about the summer season as I was in February (which so far has been the best month of the year). Of course, by the time this appears things may have come alive.

The old Alliance T-12 rotor pretty well gave out (though not from all the DX turning, hi) and I'm now using an Archer servo-rotor. As the indicator on the T-12 never did work properly, this is an improvement indeed. 73, WA5IYX.

Glenn Hauser, Box 300 (new), Von Army, Texas 78073 (8 Apr - 6 May) (CST always)

No Es at all during this period, perhaps all drained off in February! Tropo wasn't up to par either w/nothing from Florida; north-south paths were good, though, and at one time, Veracruz should have reached Oklahoma City which I was getting simultaneously. Though Las Lajas, Tampico and Matamoros are in roughly the same direction, the duct seldom brings them all. Equipment here remains the same, never having blown down or given me any major trouble despite a 'temporary' installation in August 1971!: 1961 RCA New Vista 19" portable (ailing), 1973 RCA 14" color set, Conrac AV12E but no monitor for it yet. Radio Shack 'color eagle' all-channel VHF antenna at about 38 feet above ground; 5 feet higher, FINGO F-7 for UHF, both w/Archer rotor; RG59U coax except for shielded twinlead on UHF along w/Able U-2 amplifier. BTX-111 UHF converter is superior to color set's built-in. Also, on separate pole w/FM antenna, 25 feet above ground, 1C-element ch-9 yagi. CADCO IPA hi and loband available but normally used for FM. Also strip amp for ch 9.

11 gw 1155 KVRL 26 Houston TX	200	(18)(tr) 2245 XEFB- 3 Monterrey NL	265
(KPRC NBC castoffs)		(//10 on live net)	
12 tr 2000 KSMO- 7 Lawton OK	325	2325 XET - 6 Monterrey NL	265
2200 KLN1-15 New Iberia LA	405		
2200 KPLC- 7 Lake Charles LA	330		
2210 WGNO-26 New Orleans LA	510		
2225 WRBT 33 Baton Rouge LA	455	2331 KSMO- 7 Lawton OK	325
13 tr 0100 WDSU- 6 New Orleans LA	515	2358 XHAW-12 Monterrey NL	265
0125 WVUE 8 New Orleans LA	4555 515	19 tr 2100 KXTX-33 Dallas TX	250
18 tr 0930 KBIM-10 Roswell NM	400	(religious pgm; ex-KBFI)	
2243 KRBC- 9 Abilene TX	220	2208 XHPW- 9 Tampico Tamps	495
2245 XHX -10 Monterrey's arrival;	265	(net breakups; 0030 s/off)	
(live Echeverria's arrival; 0015		2230 XHAH- 8 Las Lajas Ver	695
lost net so local B&W Id aside to 0017;		(2354 very good)	
0120 local vid&aud lds, off)		2259 XHAI-10 Las Lajas Ver	695
		2320 KUHI 16 Joplin MO	590

(19)(tr)	(2320)	0009	aud&color overriding KEDT B&W	(25)(tr)	(2110)	nx; 2248off early (sked 2345 s/off)
	2342	KOAM-	7 Pittsburg KS		N 595	2112 XHFW- 9 Tampico Tamps 495
	2343	KODE-12	Joplin MO	N 590	28 tr	2150 WAFB- 9 Baton Rouge LA 455
			(0002 Joplin ad visible u/			2200 WRBT 33 Baton Rouge LA 455
			KSAT by Stiles method)			2200 KLINI-15 New Iberia LA 405
20 tr	0020	XHAB-	7 Matamoros Tamps	245		2210 KLFY-10 Lafayette LA 390
	0022	KYTV	3 Springfield MO ? T			(5555; no trace of New Orleans)
	0025	XHX	-10 Monterrey NL	265		2215 WBRZ 2 Baton Rouge LA 455
			(all Mexicans off by 0031)			2314 WMAU 17 Bude MS 485
	0025	XHBW-	9 Monclova Coah ? T			(group s/off till 1355 Sun.)
			(much wanted! Ø CCI westerly to	29 tr	0959	KBIM-10 Roswell NM 400
			XHFW, so Ø offset tho listed +)		1130	XHX -10 Monterrey NL 265
	0027	XHER-	11. Nuevo Laredo Tamps	140		1145 XEFB- 3 Monterrey NL 265
	0027	XHAL-	5 Las Lajas Ver	695		(CB and mx)
			(40s movie in E w/SS subtitles; 0030		1509	XEFB- 2 Nuevo Laredo Tamps 140
			to CB & off w/out Id; bad vid; seldom seen)		1510	XET -10 Monterrey NL 265
			return home; Ft Worth-Dallas solid			(1630strng thooters weak; 0030
	2150	XHAH-	8 Las Lajas Ver	695		1min of Cine del Arte by CDE, CB, mx, off)
	2158	KKTX-	33 Dallas TX	250	1829	KWTV 9 OK City 435
	2208	XHFW-	9 Tampico Tamps	495	1852	KMOM- 9 Mhns TX 300
	2215	KCTV	8 San Angelo TX	185	1908	KOED-11 Tulsa OK 500
			(0044s/off, Indian Lords Prayer & off)		1911	KTEN 10 Ada OK ? T
	2302	XHER	11 Nuevo Laredo Tamps	140	1914	KETA-13 OK City KMOM-TV 435
			(offset varied to +; 0030 auds/off)			(1945 Ø CCI w/KERA, both PBS)
	2325	KWTV	9 Oklahoma City OK	435	2234	WAFB- 9 Baton Rouge EA 455
	2325	KSWO-	7 Lawton OK	325	2234	WRBT 33 Baton Rouge LA 455
	2330	KRBC-	9 Abilene TX	220	2348	KSWB- 8 Roswell NM 410
	2336	KERA-	13 Dallas TX	250	2 tr	0006 XHAH 8 Las Lajas Ver 695
	2351	XHAL-	10 Las Lajas Ver	695	0007	XHER-11 Nuevo Laredo Tamps 140
	2357	KMID-	2 Midland TX	285		(poor contrast, but color; 4454;
			(vy strong, unusual)			0020 quite strong, sports gal
21 tr	0030	XHX	-10 Monterrey NL	265	0011	KYTV 11 Fort Worth TX 250
	0035	KTXS-	12 Sweetwater TX	235	0020	XHAB- 7 Matamoros Tamps 245
	0035	KACB-	3 San Angelo TX	185	0031	XHX -10 Monterrey NL 265
	0043	KOSA-	7 Odessa TX	285		(antennasite Id 0036, 0037 off)
					0355	KEDT 16 Corpus Christi TX 135
			<b>KOSA-TV CH. 7</b>		0512	KZTV 10 Corpus Christi TX 135
			<b>ODESSA-MIDLAND</b>	2 tr	0000	all Houston 5555 200
	0050	K72DW	72 Mason TX (KTBC-7)	105	0005	KPLC- 7 LChrisLA 330
	0050	K74CX	74 Mason TX	105	0007	KTRE 9 LufkinTX 275
			(NBC north, presumed now KTVV-36)			(seldom seen here)
	2005	XET	- 6 Monterrey NL	265	0020	K72BN 72 Knippa & Uvalde TX 65
22 tr	0830	KKTX-	33 Dallas TX	250	0020	K79BP 79 UvaldeTX 65
			("CBN affiliate for D-FW")			(ch72 WOAI-4, ch79 KENS-5)
	2335	XET	- 6 Monterrey NL	265	0020	K83B083 Knippa & Uvalde TX 65
	2355	XHAE-	5+Saltillo Coah ? T			(KSAT-12 w/heavy CCI)
			(2Ø CGI on KRGV)		0025	K7ØFD 70 Leakey TX (WOAI-4) 75
23 tr	1538	XET	- 6 Monterrey NL	265	0025	K72DN 72 Leakey TX (KENS-5) 75
			(0030 off w/out armt)		0025	K74DF 74 Leakey TX 75
	2205	XHAH-	8 Las Lajas Ver	695		(relay heavy 2ØCCI; 0055 after
	2245	XEFB-	3 Monterrey NL	265		KSAT-12 primary off, KBMT along
			(//6, 11 in China coverage)			w/KTRK-13 vid. above ch 75;
	2245	XHER-	11 Nuevo Laredo Tamps	140		wideband pickup and relay!)
24 tr	0030	XHX	-10 Monterrey NL	265	0030	K76CR 76 Hunt etc TX (WOAI-4) 70
	2205	KGBT-	4 Harlingen TX	220	0030	K79BT 79 Hunt etc TX (KENS-5) 70
	2205	KRGV-	5 Weslaco TX	220	0030	K82BK 82 Hunt etc TX 70
	2205	XHAB-	7 Matamoros Tamps	245		(0040 KSAT off, KBMT left)
	2335	XHFW-	9 Tampico Tamps	495	0744	KLTV 7 Tyler TX 300
	2344	KOSA-	7 Odessa TX	285	6 tr	XHAI-10 Las Lajas Ver 1830 695
	2344	KMOM-	9 Monahans TX	300		1830 XHAH- 8 Las Lajas Ver 695
25 tr	0025	XHD	- 4 Tampico Tamps	495		("Siempre en Domingo" net-2pgm,
	2110	XHGC-	7 Tampico Tamps	495		mostly gone by 1900 after fair peak)
			(local ads; offset(-)now; 2245 local			Until the next, 73 de Glenn.

# EASTERN TV DX

Dave Pomeroy  
KTWU-Channel 11  
Signal Hill  
Topeka, Kansas 66604

Instead of getting better, TV-DX conditions seem to be getting worse for Eastern TV-DXer's as only two reports have been received for this column along with a few hold-over listings from Ron LeBlanc's May report. Don't forget to make plans for this year's convention at Bob Seybold's in Dunkirk, New York August 2-5. I hope many of you Eastern DXer's can make it.

Ronald J. LeBlanc 2524 Arizona Drive Marrero, Louisiana 70072 (CST)  
4-2 1930 WUSF-16 Tampa, FL 3325R0488 4-8 0925 Tr WGR-2 Buffalo, NY 4555R1098  
1931 WTOG-44 St.Petersburg 4555R0488 1400 UNID-2 Spanish  
2030 WSRE-23 Pensacola, FL 3325R0183 2000 YSR-2 El Salvador 3222R1132  
Ron's total is now 283.

Ken R. Simon 528 Pilgrim Road West Palm Beach, Florida 33405 (EST/EDT)  
4-21 0631 Tr WCLY-10 Largo, FL 2025R0170 4-28 0201 Ms UNID-3 "ABC in Concert"  
0640 UNID-5 WAGA? 4-30 0725 Tr WLRN-17 Miami, FL 4445R0060  
4-26 1630 UNID-8 Cuba (see note) "WSEC-17 switched to WLRN-17 on April 23, 1973"  
NOTE: "Have logged and QSL'ed channel 8 from Cuba before, but that was a 'Canal 2 Net'  
Is this a new station or net or what? U.S. cartoons shown through 1700 then ID's, PSA's, and more cartoons in Spanish...most cartoons in English. (Are you sure this was a Cuban station? dp)...Did get QSL from YNTC-2 in Managua for July '72 reception. Letter said Televiscentro and TV de Nicaragua jointly sharing all channels (ie 2-12-7-9 for YNTC and 6 and 8 for TV de Nicaragua)... Have applied for Florida auto license tag "TV-DX," second choice is "TV-DX-73." Will let you know if OK'ed and send photo of it on my (soon to be a classic '71) Gremlin.

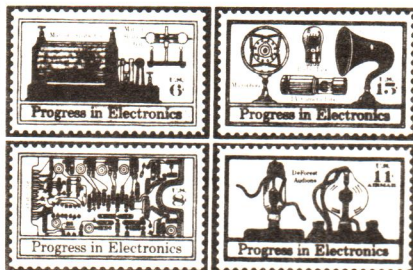
David J. Egan 12a Andrew Valleyfield, Quebec (EST)  
"Since I missed reporting last month I will cover the period of February 21 through May 1 in DX. I was quite active during this period, and logged 10 new stations on UHF tropo. Total now 164, with 149 confirmed."  
2-21 1330 Au UNID-3 "noted heavy QRM" 3-14 0845 Tr WVTA-41 Windsor, VT 3225N0110  
1530 UNID-2,5 heavy QRM 0858 WVTB-20 St.JohnsburyVT2144N0115  
1810 UNID-2 to 9 "quite strong" 3-15 0612 Es UNID-3 CCI on WSYR-3  
1812 Ms UNID-9 "no ID's;2-3 sec. long" 0645 Ms UNID-3 CBS test pattern SW  
1814 UNID-12 "strong" 1745 Tr UNID-38 WSBK Boston?  
"The aurora was strong from the northeast, but 1813 "local storm stopped monitoring"  
intense from the northwest. At 1825 aurora began shifting to northeast and at 1830 was intense from northeast; nil from northwest." 3-22 2130 Tr "weak to south; Boston-Prov.RI"  
1855 Au UNID-2 to 11 ch. 9 out by QRM 3-25 1823 Au UNID-3 "western movie; NE"  
1920 "aurora reached peak; ch 11 blanked out" 1907 UNID-4 "variety show; NE"  
2030 "Aurora gone completely" 3-26 2220-2315 Au channels 2 to 7  
2-22 "Aurora up to channel 13; out by 1900" 3-31 1950-2005 Au channel 7 only; Direct  
2-24 1515 "Aurora strong up to ch. 11; NE" north--inverted CCI.  
1550 "Reduced to ch. 2-5--light" 4-10 0535 Ms UNID-2 "resembled WSB-2 Atlanta"  
1603 UNID-3 "thin horiz. lines" 4-17 2030 Tr UHF-VHF to Watertown/SyracuseNY  
3-13 1745 Tr WDAU-22 Scranton, PA over WVNY 4-18 0955 WVTA-41 WVER-28 Vermont ETV Net  
1747 WNEP-16 Scranton, PA over WNPE 1010 WUTV-29 Buffalo, NY  
1805 WBRE-28 Wilkes-Barre, PA 2255 WXXI-21 Rochester, NY  
1825 WENY-36 Elmira, NY 2135N0265 2250 WNPE-16 Watertown, NY  
1831 UNID-33 "CCI on WETK-33" 4-19 0815 WXXI-21 Rochester, NY  
1905 WICZ-40 Binghamton,NY N0240 0833 WCDC-19 N. Adams, MA  
1939 WUTV-29 Buffalo, NY 3214R0290 0836 WVER-28 Rutland, VT  
2029 WXXI-21 Rochester 4445R0225 0831 WVTA-41 Windsor, VT  
2044 UNID-20 Utica? "ABC Movie" 4-20 0918 Ms UNID-4  
2050 UNID-34 Binghamton? "ABC" 0920 Tr "excellent from Syracuse, Bing."  
2130 WCNY-24 Syracuse,NY 2234N0175 1510 "to Buffalo-Rochester"  
2155 UNID-46 Binghamton? "PBS" 2130 WENH-11 Durham, NH  
2200 UNID-44 Scranton? "PBS" 2221 WMUR-9 Manchester, NH  
2345 UNID-19 Pennsylvania-Ohio? 2222 WJAR-10 WPRI-12 Rhode Island  
3-14 0130 WUTR-20 Utica, NY 3134N0150 2222 WMTW-8 Poland Spring, ME  
0604 WTOL-11 Toledo, OH 3034R0530 2222 CKTM-13 Trois Rivieres, Quebec  
0607 WTEN-10 Albany, NY 4342R0180 2300 WSBK-38 Boston, MA "horizontal  
0618 CFTO-9 Toronto,Ont 4233R0285 fluctuation--pic never straightened out."  
0623 WCDC-19 N.Adams,MA 4445N0180 (Remainder of Egan's report in July VUD. dp)

# New "DX" Stamps

The U. S. Postal Service has announced the design of four postage stamps that point to Progress in Electronics. The stamps are to be issued in New York City, July 10.

The four stamps, in as many denominations, span development of electronics from Marconi's turn of the century spark coil to the transistor.

An 8-cent stamp for first class mail commemorates the transistors and a printed circuit board... A 6-cent stamp, intended for post cards, shows Guglielmo Marconi's spark coil and spark gap... The 11-cent airmail stamp shows Lee De Forest's refinements to Marconi-- the Audion and the Audion tube... In a 15-cent stamp for international surface mail, three nostalgic electronic elements-- an early microphone, a goosenecked speaker and a vacuum tube, are combined with a TV camera tube,



Each stamp will contain one plate number and will be issued in horizontal format, commemorative size, in panes of 50.

Collectors desiring first day cancellations may make requests to "Electronics Stamps, Postmaster, New York, NY 10001", enclosing the proper remittance and with request postmarked no later than July 10. Price for the set of four stamps is 40¢. A specific stamp or stamps may be ordered.

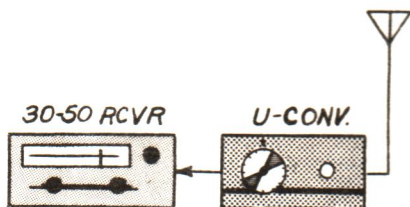
U. S. Postal Service, via Ken Simon

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## DX THE UHF PUBLIC SERVICE BAND WITHOUT BUYING A NEW RECEIVER!

UHF utility DXers that would like to start DXing the UHF Public Service Bands, can do so with little or no added expense. A new receiver is not needed!

If you now own a 30-50 MHz receiver, simply connect a UHF TV converter output to the antenna terminals of the receiver. [Thus far, you are putting your receiver in the place of a TV set.] Now tune the receiver to around 48 MHz and tune the converter to about channel 19. The UHF converter should now be tuned very close to the UHF PSB [assuming the converter output to be channel 5 or 6].



As you tune the PSB receiver down, you are effectively lowering the tuning range of the UHF converter. To tune the band, use the UHF converter and leave the PSB receiver on one setting. The receiver setting can be used as fine tuning as well.

If a UHF converter is not available, you might consider using a UHF tuner. Replacement types for TV sets are available in the 4 dollar range from many surplus stores. They can usually be powered on a battery and easily mounted in a mini-box or rack panel. The only DXing procedure change that is required, is to tune the PSB receiver lower. How much lower will have to be determined through experimentation.

Using an outdoor UHF TV antenna, local stations should come through quite clearly. You may even hear local ham radio operators talking on 432 MHz. As with any receiving installation, a better antenna will provide better results.

Morrie Goldman



C.C.I.

Leslie J. Prus  
1615 Pierre Street  
Manhattan, Kansas 66502  
(Phone: 913-537-7886)

Unidentified TV DX

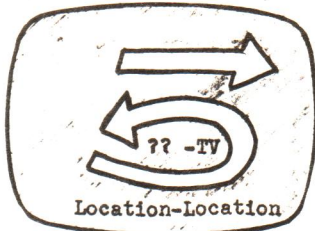
JUNE 1973

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228 All 1972:

- Sun Jul 30 Es ch 3 2005 MDT - - Begin NBC "World of Disney," PTA West U.S., possibly Montana area KYUS, KRTV
- Tue Aug 1 Es ch 2 1938 MDT - - local or regional baseball, suspect KWGN, KTWQ, KUTV.
- Wed Aug 2 Es ch 2 1230 CDT - - "The Virginia Graham Show," PTA: Central US, in CDT, MDT zones.  
1315 CDT - - NBC "The Doctors," 30 min early? Central, Mountain regions of U.S.
- Thu Aug 3 Es ch 2 1100 EDT - - NBC station with promo for "Merv Griffin to start Aug 14. Chief suspect WSB. Also possible WESH, WLWD and WTWO in PTA of Eastern U.S.
- Sun Aug 6 Es ch 3 1915 EDT --- "Wild Kingdom," PTA: Eastern US. LSD (Lack of Sufficient Data): Three stations in PTA carried this (PTA is Probable Target Area) program at this time, WSAV-3, WRCB-3, WAVE-3.
- Mon Aug 7 Es ch 4 2320 MDT --- NBC "Tonight Show" (Johnny Carson) Both KOA and KOB check. LSD
- Thu Aug 10 Es ch 3 1815 CDT - - NBC Evening News one-half hour delay from network feed. PTA: Central US
- Fri Aug 11 Es ch 3 1650 CDT --- "Big Valley" Definitely WISC-3!  
2 1655 CDT - - local movie "The D.I." Suspect WBBM PTA: IA, IL, IN, WI, MN, MI.  
2 1930 CDT - - Promo for "Good News, TV 2" Suspect WCBD, KTVI, WMT.  
2 2110 CDT - - Atlanta-Cincinnati baseball. Chief suspects: WLWD-2, WSB-2.
- Tue Aug 15 Es ch 2 1915 CDT - - local movie starring Walter Brennan. PTA: Eastern, Central U.S.

Ronald J. LeBlanc, 2524 Arizona Drive, Marrero, Louisiana 70072

- Sun Jul 2 Es ch 5 1630 CDT - - ID slide as shown at right. PTA is north central US or central Canada.



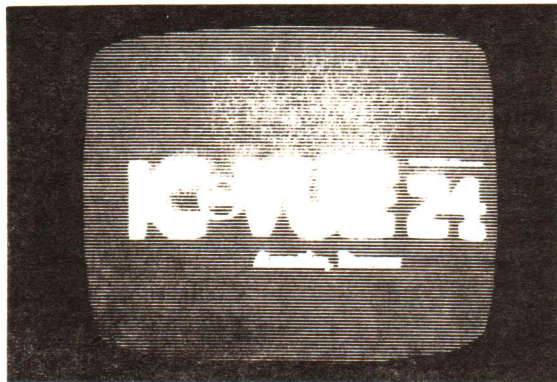
Jim Hayes, 9 Henry Street, Wilkes-Barre, Pennsylvania 18702

- Sat Aug 12 Es ch 2 1830 CDT - - Canadian station carrying CBC net movie (or local movie) "A Little Game." Movie ended at 1900 CDT. PTA: Eastern Manitoba or West Ont. CBC English Network: CJIG? CFCL2?

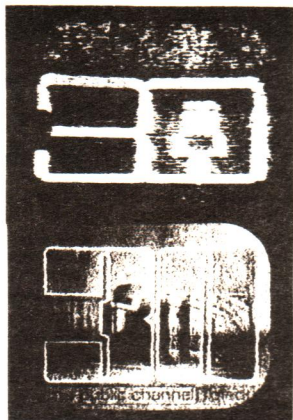
**UNIDENTIFIED-DX**

Coming next month: MANY MORE UnIDs. Prepare yourselves... 73,

*Les*



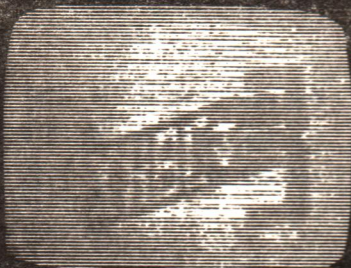
KVUE-24, Austin Texas. A 460 mile haul by tropo. Received in New Orleans by Ron Le Blanc.



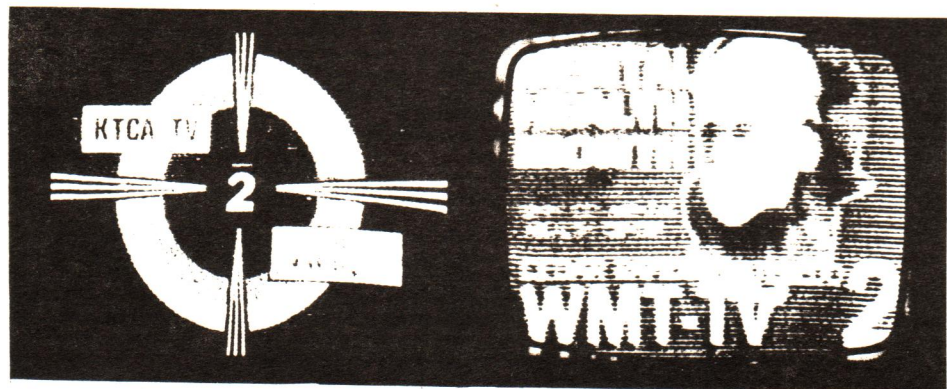
"30-30 Vision" WTIU-30 (top), and WOTE-30, both PBS and both rcvd by M. Goldman, Chgo



WTFDaer, Ron Le Blanc, is shown here in an interview on a New Orleans TV station.



XHBC-TV-3, as rcvd by Les Prus in Manhattan, Kansas. 1970 Es



KTCA-TV rcvd by Es. Ron Le Blanc.

WMT-TV rcvd by Es. Ron Le Blanc.



# WTFDA Convention '73

## August 2-5, Dunkirk, NY

WTFDA invites all members to attend the 1973 WTFDA convention.

This year's convention is hosted by veteran host and DXer, Bob Seybold. Bob has been busy making all the arrangements and promises a great time for all in attendance.

The program will include guest speakers, slides, films, tapes, demonstrations and just general gab sessions. As usual, we'll have a door prize drawing and plenty of technical literature.

The convention itself is to be held directly across from the Vineyard Motel. Rooms are available at a special reduced rate from the Vineyard, but reservations must be sent to Bob Seybold as-soon-as-possible. The rates are as follows:

- 1 person - 1 bed \$10
- 2 persons- 1 bed \$14
- 2 persons- 2 beds \$16

Each additional person per room is \$2.  
For example, 2 persons, 2 beds is \$20.

The convention registration fee, which covers the Saturday evening meal, refreshments and other convention expenses, is \$10.



One of the special convention features, will be visits to Bob's hilltop DXing location. The results of this height on DXing, must be seen to be believed.

The first trip to the hills is planned for Thursday evening, with one or two more throughout the weekend.

The main convention program will get into full swing Friday evening, and continue through Sunday. The final event Sunday morning, will be our traditional open discussion of WTFDA and how we can improve.

We'll have more program details next month.

Bob Seybold has emphasized that it will be necessary to make advance reservations. This should be done at your first opportunity, since the area is also hosting a fireman's convention on the same weekend.

Use the registration form or write Bob today.

Convention Host:  
Bob Seybold  
Bennett Road, RD #2  
Dunkirk, New York 14048

SERVING THE  
VHF-UHF DX  
ENTHUSIAST



P. O. BOX 163  
DEERFIELD, ILLINOIS 60015

The VHF-UHF DIGEST is the monthly publication of the Worldwide TV-FM DX Association. WFDPA is a nonprofit organization and a member club in the Association of North American Radio Clubs.

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VUD Back Issues Available: (1970) July (1971) August

(1973) May, June

All back issues are 75¢ each, by special 4th class or 1st class.

|||||SUPPLIES|||||

FM Atlas and Station Directory: \$2.50 3rd class, \$3 1st class. By Dr. Bruce P. Elving, WFDPA FCC FM column editor. Very detailed, and probably the most accurate FM listing available. Offset printed.

Stationery: Features official WFDPA emblem printed in blue. Ideal for all your correspondence. 45 sheets: \$1.

Log Sheets: Perfect for keeping your running log neat and organized. Punched for a three ring binder. Pad of 100: \$2.

VUD Boxes: A great way to keep your copies of the VHF-UHF DIGEST neat and protected. Very attractive and a bargain at \$1.25!

Station Report Forms: For requesting QSL's. 45 sheets: \$1.

DX Column Report Forms: For reporting to columns. Free w/ SMSZ

All persons contributing their efforts for the Worldwide TV-FM Association, including editors, writers, artists, reporters and board members do so without any monetary compensation. Dues and all other revenue cover printing, postage and other expenses.

The WFDPA is governed by a five man board of directors. Board members are Dave Janowiak, Bruce Elving, Ferdinand Dombrowski, Gary Olson and Morrie Goldman. VUD Editor: Morrie Goldman; Publishers: Gary Olson & Morrie Goldman; Comptroller: Gary Olson; Bookkeeper: Bruce Elving; Sample & Supply Processing: Dave Janowiak

**THIRD CLASS**