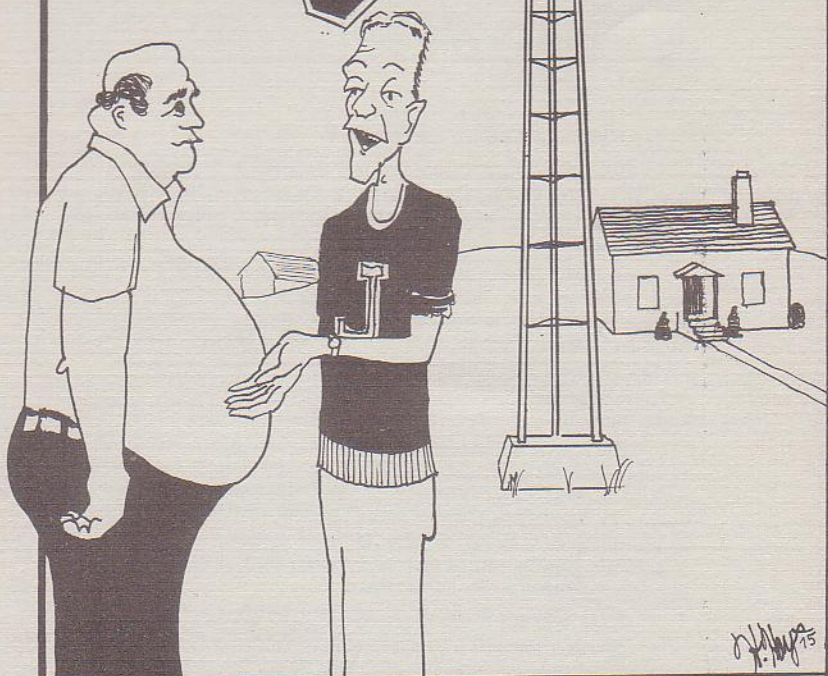


VHF-UHF DIGEST

March, 1975



R. K. Bayless '75

*The building code here wouldn't let me
put up a tower for an antenna,
but they've got nothing against windmills!*

publishers' notes...

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

FCC-TV INFO RETURNS...after a too long hiatus, the important FCC-TV NEWS column will again appear on a monthly basis beginning in April. New editor: Dave Pomeroy, c/o KTWU, 301 N. Wanamaker Rd., Topeka, KS 66604.

CHANGE IN PLANS...in January it was announced in the PUBLISHERS' NOTES that Bob Cooper would take over the publishing and editing of the VHF-UHF DIGEST beginning in April or May. Bob has since re-considered his offer and has decided against assuming these duties. All columns and feature articles should continue to be mailed to Don Ruland; all information for VUD columns should be sent directly to the appropriate editor; all club business (inquiries, dues, complaints, supply orders, etc.) should be sent directly to Deerfield, IL headquarters.

BACK ISSUES...in addition to those issues shown on the back cover, we do have very limited quantities of all VUD's from September 1972 through April 1973. First come--first served.

FT. LAUDERDALE WTFDA '75 CONVENTION

The 1975 WTFDA convention will be held in Lighthouse Point, just north of Fort Lauderdale, Fla., Aug. 1 - 3. On behalf of the co-hosts, Richard Clark and Ken Simon, we wish to take this occasion to invite all DXers to come and see Florida.

An added advantage will be that the Fort Lauderdale area is a nice place to visit even for the NON-DXer and we wish to extend an invitation to the spouses of DXers to come on down too. There's plenty to do and see like the world famous beaches, the sun and surf. The list goes on, but it's starting to sound like a Chamber of Commerce promo.

A nominal fee will be charged DXers . . . but this will pay for a Friday Barbecue and a Saturday banquet. Other than that it's all FREE.

The area is served by air, train, bus, ship and a wonderful highway system called the Interstate. Hotels, motels, and camping facilities abound as well as facilities for campers. By the way, this is not the SEASON so prices tend to be lower. Hotels we've priced run \$10 - 20 single to \$15 - 25 Triple. If enough people intend to stay in hotel facilities we may be able to negotiate a cheaper rate. Eating covers the gamut of McDonalds to some of the finest eateries in the United States.

As to DX opportunities . . . use your imagination!!!

Speakers are being lined up, and an auction is being planned as well as the DXer delight -- DXING AND BULL SESSIONS.

SO DON'T JUST SIT THERE . . . LET US KNOW YOU'RE COMING . . .

Write

Ken Simon, 528 Pilgrim Rd., West Palm Beach, FL 33405

FCC FM NEWS

Bruce F. Elving, Editor
704 Duff Avenue; Ames IA 50010

New Construction Permits

AL Jacksonville *91.9 10 [watts]
AZ Flagstaff g 93.9 87000 h,v; 1550'
[I still haven't found out where Taile
AZ is—help!] MOR music to be on:
CA Susanville 92.7 2750 horizontal; -750'
CO Crystal, Roaring Fork & Colorado River
Valleys [these are rivers, not towns;
probably near the town of Glenwood Sprs.
K240AB 10 m 95.9 [KREX-FM 92.3 Grand
Junction. CO translator]
KY Jenkins 94.3 125 h,v; 1340'
LA Springhill 92.7 3000 horizontal; 185'
ME Bangor 92.9 6270; 352' mc format. (A
final decision; reverses an initial
decision for an applicant proposing a
different power, ht. for this channel.)
MS Canton WMLM 101.7 2850; 30'
MS Jackson *90.7 10
MO Bowling Green 100.9 3000 h,v; 295'
MT Ennis K296AH 107.1 10 [KBOM-FM 94.1
Buttle MT translator] m l network
NJ Princeton Junction *90.3 10
NC Chapel Hill *89.3 1650 h,v; 270'
ND Grand Forks KKXL-FM 92.9 100000; 290'
WI Wisconsin Rapids W244AA 96.7% 1 [WBIB
103.7 Ladysmith WI translator]
WY Cody *90.1 10

On Air and DX Ready!

AL Fayette WVEL 98.1 50000 h,v; 350'
AR Berryville KAAW 107.1 1000 h,v; 451'
CA Santa Rosa KVRE-FM 99.3 135 h,v; 1100'
ID Nampa-Boise KFXD-FM 94.9% 46000 h,v; /
IL Mattzo WMLK *90.3 10 2520'
IL Springfield WSSR *91.9% 50000 (v2) 500'
IL Sullivan WFAA 106.3 3000 h,v; 300'
IN Columbus WWWW 104.9 3000 h,v; 300'
IN Danville WGR1 107.1 3000 h,v; 300', r
MA Milton WMLN-FM *91.5 10
MA Pittsfield WGRG-FM 95.9 710 h,v; 560'
MN Northfield KRXL *90.3 10 rock
MN Princeton WQPM 106.3 3000 h,v; 295'
MO Butler KMOE 105.5 3000 h,v; 150'
MO Saint Louis KOMOR *89.3 10
NJ Lincroft WBJB *90.5 2250; 52'
NY Baldeinsville WBXL *90.5 10
OH Castalia WGGN 97.7 3000 h,v; 300'
OK Miami KGLC-FM 100.9 3000 h,v; 255' \$, m
PA Norristown WUVE *91.5 10 r/s off 3 pm
TN Bolivar WVST 96.7 3000 h,v; 300'
TN Olivehill [FCC spells it with two words
"Olive Hill"] WDNX *89.1 1500; 250'
TX Lubbock KTEZ 101.1 59000 h,v; 760' EZZ
WA Centralia KCED *91.3 10

On Air With Changes (Selected)

GA Newnan WCOB-FM 96.7 1700 h,v; 380'
IN Lafayette WASK-FM 105.3 50000 h,v; 310'
MN Red Wing KCUE-FM 105.5 with v; No \$!
MO Columbia KOPN *89.5 40000; 200'
MO St. Joseph KSFT 105.1 27500 h,v; 225' \$, m
NY Buffalo WADV 106.5 29000 h,v; 390'
NY Syracuse WAER *88.3 6000 h,v; 180' \$, r, U
NC Rocky Mount WRSV 92.1 1300; 160' Mono
OH Cincinnati WGUC *90.9 32000 h,v; 600'
WAKW 93.3 50000 h,v; 360'
PA Hazleton WVCQ 97.9 24000 h,v; 670'
SD Sturgis KRBH-FM 93.1 52000 h,v (1020')
TN Gallatin WHIN-FM 104.5 50000 h,v; 770'
VA Blacksburg WUVT *90.7 770; 150'
WA Seattle KZOK 102.5 100000 h,v; 1160'
WI Madison WZEE 104.1 6300 h,v; 1120'

Changes in Facilities

CO Pueblo KTSC *89.5 9800 h,v; 165'
FL Fort Pierce WLOQ 98.7 40000; 340' \$, m
GA Athens WNGC 95.5 100000 h,v; 650' g?
IN North Vernon WCOB-FM 106.1 50000; 165'
KS Great Bend KBJC *91.9 1400; 210'
MA New Bedford WMY5 98.1 500' (50000 h,v)
MI Battle Creek WDFP 95.3 3000 h,v; 270'
MI Grand Rapids WCSG *91.3 285' (20000h,v)
MN Richfield WYOO-FM 101.3 810' (100000)
NE Omaha KGOR 99.9 1230' (115000 h,v). A
unique case where a super-maximum power
station has been granted a height in-
crease without having to reduce its ERP.
If KGOR can do it, what's to stop KDMI,
WMTQ, KSJR, etc., from drastically in-
creasing their heights and keeping their
higher-than-now-allowed powers?
NC Laurinburg WSTS 96.5 100000 h,v; 450'
OH Cincinnati WVXU *91.7 65 v; 650' But
still using a 10 v transmitter; a
strange case in which the FCC is ac-
tually licensing a 10-watter with a true
ERP and HAAT figure!

SC Florence WSTN from 103.1 to 106.3
TN Clinton WCFB 104.9 300' (3000 h,v)
On With SCA, Or to Add SCA

AL Fairhope WGOK-FM 92.1 [FL Boynton Beach
CA Truckee KSM1 101.7 WHR5 *91.7
CO Windsor 99.1
IL Kewanee WJRE 92.1 music
IA Burlington KBUR-FM 107.3 ABC networks
IA Sioux City KBCN 95.5 farm news \$)
IA Golden Meadow KLEB-FM 94.3 (but drops/
MI Jackson WKHM-FM 106.1 music OH Cleve-
MI Petoskey WJML-FM 98.9 music land Hts.
NM Albuquerque KPAR-FM 100.3 WLYT 92.3m

SC Spartanburg WSPA-FM 98.9

SD Brookings KESD *88.3
TX San Antonio KEXL 104.5
WA Lynden KLYN-FM *106.5

Delete SCA

IL Chicago WMBI-FM *90.1
OH Dayton WHIO-FM 99.1

Stereo Stations (new):

IN Princeton WRAY-FM 98.1
TX Brownsville KDUV 100.3
UT Vernal KVEL-FM 92.7

Networks

AL Tuskegee WTVS 95.9 National Black
IA Clinton KSAY 96.1 UPI Audio, rock
IA Muscatine KFHW 99.7 UPI Audio, r

Format Changes

CA Berkeley KRER-FM 102.9 js
CA San Diego KSON-FM [calls from KSEA]g
IN Brazil WBOB 92.7 \$ k
IA Davenport KRVR ("K-River") 106.5 m
OH Toledo WUHE 92.5 km (not mc)

Call Letters' Assignments

| | |
|-------------------------------------------|-------------------------------------------------------|
| AL Decatur *91.7 WELL | IL Arlington |
| AZ Casa Grande 105.5 KBFE | Heights *88.3 |
| CA Fresno *88.1 KFCF | WVH |
| CO Ft. Collins 93.3 KTCL (KTIK-FM) | |
| IN Bloomington 92.3 WGTG (WTTV-FM) | |
| IN Indianapolis *89.1 WJEL | |
| IA Clinton 96.1 KSAY (KROS-FM; see above) | |
| IA Fort Dodge 92.1 KTGA g | MI Bloomfield |
| IA "Twin Lakes" 105.5 KTLB | Hills *88.1 |
| LA Jena 99.3 KJNA | WCFH |
| MI Adrian 95.3 WABJ-FM | IV Winneconna |
| NM Kalamazoo *89.1 WIDR | 95.9 K240AC (was NM Window 94.3 KDOM-FM K240AB) |
| NN Winona *89.5 KOAL | PA Erie |
| NY Utica 107.3 WTLB-FM (WZOM) | WLVU |
| OH Canal Fulton *90.9 WNRW | (was WNFM) |
| OH Lorain 104.9 WZLE | TX Dumas |
| OK Okmulgee 104.9 KBEV | 95.3 KMBE |
| PA Shippensburg *88.7 WSYC-FM | (KDDO-FM) |
| SC Pageland 102.3 WCPJ | |
| SC West Columbia 100.1 WSCQ (WAEK) +SCA | |
| TX Port Arthur 93.3 KYKR-FM (not KYKR-FM) | |
| VT Brattleboro 96.7 WISA-FM | |
| WA Spokane 98.9 KICN | |
| WI Madison *89.7 WORT | WBOZ-FM |
| PR Homigueros (not Cabo Rojo) 92.1 / | |

Dual City Identifications

IL Sullivan WFAA 106.3 to Sullivan-
Arthur II; NE Scottsbluff KNEB-FM 94.1
to Scottsbluff-Gering NE; PR Aguadilla
WTPM 92.9 to Aguadilla-Aguda

To Change Channels:

NY Endicott WNRV 105.5 to 105.7; new
power and height to be announced later.

MEMBERS' REPORTS AND COMMENTS WVKI, WLEQ.

The new Fort Wayne IN Bible College station on *90.3 [50000 h,v; 269'] is to offer classical, semi-classical and religious music, as well as educational programs; to be on the air fall '75. WVKI 100.5 Kokomo IN has its new tower erected, with a contest offering \$100 to the winner who guesses the closest as to when they increase to 20000 h,v; 470'. WIUC 98.3 Winchester IN mono; WPBF 105.9 Middletown OH has \$ on occasion; their format is best described as "potluck." WBZI 95.3 Xenia OH is mono; K or KG.

WLEQ 95.9 (formerly WKEM-FM Immokalee) Bonita Springs FL has returned to the air after being inactive for a few months. Now rock; Stereo. WINZ-FM 94.9 Miami Beach drops \$; 100%

duplication of their AM station, known as WINZ (AM). WSKP 105.5 Sebring FL now K at night; G by day; no \$. WRKT-FM Cocoa Beach FL 104.1 now EZ listening music; no silent period. WRGI-FM 93.5 Naples now rock; stereo. WAFG *90.3 Fort Lauderdale FL has m 3 pm to 10 pm daily. WLLI 96.7 Joliet IL now K; has vertical polarization. WIXL 103.7 Newton NJ is now Stereo; WSBA-FM 103.3 York PA m; WCDL-FM 94.3 Carbondale PA also m; WQIV 104.3 New York bills itself as "The Quadfather."

Joe Fela, So. Plainfield NJ, takes issue with Bill Dickerman's remark (Jan. VUD, p. 5) concerning the non-reception of WGCR 104.5 Wellsboro PA along Route 80:

Obviously at 47½ miles, or whatever, you are not going to expect good reception. However, at 50,000 watts, you expect SOMETHING. There was nothing at all from 'em. Granted the car radio used (a '73 Buick LaSabre) leaves a lot to be desired, but, on the same trip, along Rt. 80, N.Y.C. was noted in eastern PA (as Philadelphia always is), WJAC-95.5 was bombing into the Lock Haven area, and Pittsburgh and Buffalo were all over the dial in western PA; e.g., 94.5 constantly alternated between the two). All of these stations are at least 47½ miles from Rt. 80. Buffalo is probably at least twice the distance; all during the same day and time span. [If any reader has heard WGCR along Rt. 80, write in and resolve this controversy!]

WNBC-FM's good music format is from PAMS, Dallas TX, which is surprising as the NBC-owned FM station in New York city on 97.1 could be expected to come up with something more original. People of Piscataway NJ (near South Plainfield) are presumably preparing to put an FM school station on the public's airwaves; but no application has yet been sent to the FCC therefore.

Out west, KCSB *91.5 Santa Barbara will return to stereo after a long hiatus without it; KKTU 103.3 Ukiah CA and KIFM 96.5 Bakersfield both have Associated Press Audio news. Monophonic FM radio station KHEX 103.9 Yuba City now K 6 am to 6 pm; "Sounds of the '40's" (m) 6 pm to midnight. KKTU calls self "K-2", \$, mr.

Several readers sent items about WPEN-FM 102.9 Philadelphia PA going off the air, for 2 months or so, to return by perhaps March 1, 1975. New owners taking over; to reassess WPEN-FM's programming, install new equipment and probably go stereo. New AM call letters expected; WPEN-FM probably to go to WPEN (FM). Here's a chance for mid-Atlantic DXers to try for some good 102.9 stuff. In the same area WHHS *89.3 Havertown PA is faced with applications from Villanova University, St. Joseph's College and Haverford College, each asking to share the WHHS frequency. Since WHHS is only on the air from 2 to 6 p. m. school days, the other station or stations would share the channel at other times. The college station(s) could get fulltime use of the frequency if it proved more capable than WHHS. This poses a threat to the existence of WHHS, a high school station that has been on the air for 25 years. WIFI 92.5 Philadelphia was off the air for a few days in December, around the 29th. WGLS *89.7 Glassboro NJ not heard recently; so are they, too, hiatusing? WBUF 92.9 has gone progressive rock to replace that format, which was on WPHD 103.3 (now WYSL-FM). After a considerable public outcry, WYSL-FM did not return to the progressive format. WBUF expected to go \$; will retain 67 kHz for their store-casting. We're talking about Buffalo NY, of course. WDCX 99.5 Buffalo also storecasting on 67 kHz. Bill Thompson, Buffalo NY, sent along several clippings concerning the WYSL-FM-WPHD fight, but he summarizes the situation best in his own words:

Last fall, a Mr. Robert Howard of Washington DC purchased WYSL (AM) and WPHD. The stations were owned by the McLendon group. What seemed to come as a shock to most observers was the announcement that the new owner had applied to change WPHD's call back to WYSL-FM. WPHD admittedly was not the most listened to station in town. However, its progressive rock format had garnered it a consistent and extraordinarily loyal listenership which was composed mostly of serious rock fans. It appealed to a sizeable college audience, as well as many young blue-collar and professional people. It was just about the antithesis of all those top-40 AM "jukeboxes," and the WPHD staff seemed to appreciate their audience as much as the listenership appreciated WPHD. I personally was not a WPHD freak, but many of my friends were. I can't remember a bigger demonstration of listener loyalty in Buffalo than when the "Save WPHD" petitions started to appear. From singles' bars to audio stores to college campuses, the petitions were everywhere. Obviously, they did little good.

Robert Howard became a fairly controversial figure in this area. Numerous letters to the editor bemoaned the loss of the WPHD sound, and both radio and TV columnists, after a period of trying to avoid entering the controversy, did so in favor of the WPHD fans. . . Howard claimed that he was responsive, and that to prove so, he was maintaining the "PHD sound" on weekends. No one was impressed; it didn't sound like WPHD at all. Most of the people responsible for the WPHD sound eventually resigned or were "no longer necessary" to the WYSL operation.

Almost as soon as the call was changed back to WYSL-FM, AM simulcasting went to the maximum legal limit. [On an interview program over local WNED(TV)*17, Howard] stated that the WYSL/WYSL-FM operation was now his own, and he could do as he pleased with them. He got no argument on that point, but he intimated that he knows what the public wants, and stated that even if he didn't know what the public wants, he would not listen to his competitors' stations, and had not done so. A couple of remarks made by Howard really irritated me, and probably anyone else interested in FM broadcasting. He stated that he owns a broadcast facility that provides two services, an "AM channel and an FM channel"; he maintained that there's really no reason to make a distinction between the two. Can you believe that? At that stage, I was beginning to wonder if Howard knew what stereo was, or even if he knew that his "FM channel" was equipped for it. This is Howard's first venture into broadcasting, but I believe he has displayed an inexcusable lack of responsiveness to the listening public.

WBUF 92.9 now identifying thusly: "this is WBUF Buffalo 93 FM the return of progressive radio to western New York. There are now four FM rockers in the area: WBUF, WGRQ 96.9, WBEN-FM 102.5, and the old 'new' WYSL-FM 103.3; how's that for imbalance?" WWOL-FM 104.1 heard testing in Stereo.

WMLP-FM 100.9 Milton PA now "country gold" 6 am-midnight. WGMR 101.1 Tyrone PA now Mutual; WBRE-FM 98.5 Wilkes-Barre now easy listening, \$, NBC, still simulcasting with AM. WRNW 107.1 Briarcliff Manor NY now 24 hours. Before WRNW went 24 hours, WRLB 107.1 Long Branch NJ used to get lots of calls to their late-night jazz programs, which go to 2 a. m., hosted by Art Vincent, The Art of Jazz, and said to be an excellent show. These calls came from around Mount Kisco and southern Long Island. Even with WRNW on, WRLB still makes it into Brooklyn, Queens and neighboring New Jersey areas with the right antenna. WMSC *90.3 Montclair NJ is now on; 10 watts.

Robert E. Fischer, College AK, continues his review of the Sequerra tuner from last month: "It appears that much of the cost of the Sequerra is in the digital tuning display, the oscilloscope, and the spectrum analyzer function, none of which are really needed for good FM listening or FM DXing." He's planning to purchase later this year a McIntosh MR-78, as the specs indicate performance "comparable to the Sequerra Model 1 at only 1/3 the price. The MR-78 has 3 steps of adjustable selectivity. The sharpest step is indicated at 55 db adjacent channel and 'greater than 90 db' alternate channel." Bob reports that FM isn't taking hold in the Fairbanks area; the only outlet is KUAC, the nonprofit station of the U. of Alaska. "They do have very good classical programming, about 6-8 hours daily, however. Fairbanks population has exploded from 18000 to 33-000 in less than a year. I thought some of the AM's here would go FM, but one of the radio spokesmen said there's no money in FM up here. But... if one of the locals decided to go FM I'm sure the others would follow suit!"

Dr. Richard Wood, Long Island, offers a DXing tip: "With the poor economic situation the number of FM and TV stations running all-night donation-seeking marathons is increasing. This is certainly a useful source of new stations with otherwise limited schedules, and deserves a continued occasional mention in your column. The continual ID's and local references during such marathons are useful, too, and if a DXer were to call during the phone sessions they might well put him on the air." It is mainly educational stations that put these on, of course, but an occasional commercial classical music station may schedule such marathons, either on its own behalf or on behalf of the local symphony orchestra, as WONO (FM) Syracuse has done.

WSCD*92.9 Duluth heard testing, but without an ID. Expects to be on the air soon. KRLX *90.3 Northfield MN has a good signal at 26 miles for a 10-watter; on past midnight (after the 11 p.m. sign off of mighty WHLA Holmen WI [transmitter at La Crescent MN]).

The power of HIFF-FM 97.5 Puerto Plata DR (not a link) is 50 watts; m. Regarding the status of WUSC"-FM" *89.9 Columbia SC; it will be going off the air sometime in March, to be replaced by new stations on *89.7 and *90.5. The present all-classical format of WUSC will only be partially retained by one of the surviving stations, with college programs to be otherwise featured. WUAG *89.9 Greensboro NC soon to be \$; on 7 am-1 am weekdays; 7 am-4 am weekends. Mike Dorner, LA, says "For the first time in history, including post world war II history, every allocated commercial FM channel in a city of more than 300,000 has been granted or applied for. In December, applications were filed for Honolulu 93.9 and Portland OR for 103.3. This is a definite landmark in the growth of FM radio. With the exception of two new drop-ins in Stockton CA (100.1A) and Columbus GA (103.9A), only two channels in cities of 100,000 to 300,000 remain unapplied for. These are Duluth MN 102.5C and Corpus Christi TX 99.1C, the latter recently denied by the FCC Review Board." Capt. W. S. Schwob, U. S. Coast Guard Academy, New London CT, wrote to Dorner, says they have no plans for an FM station there. WFDU *89.1 Teaneck NJ does transmit from the Edwin H. Armstrong tower at Alpine NJ; perched 127' up on the 419' Armstrong tower, 550 feet above average terrain. (That must mean that the former KE2XCC or WLXMN 93.1, operated by Armstrong until 1955 must have had a HAAT of about 850'.)

In Stereo: KYFM 100.1 Bartlesville OK; KOSU is applying for Oklahoma City's *88.7 as a satellite, while another OK City group is filing for high power at *88.9; hearing sure to follow! Pardon my blunder in the Jan. VUD (p. 4), but the spelling of the town is Prestonsburg KY. WVEZ 106.9 Louisville dropped their SCA, while WSAC-FM 105.5 Ft. Knox KY has one, but calls to them result in the reply only "we have it," with no other information given. Believed to be music on 67 kHz, but perhaps not fulltime.

Reporters' names to be given next month.

73, *J. B. Swain*

TV RECEIVERS OF THE FUTURE

by Morrie S. Goldman WA9RA0

PART I

The state-of-the-art of electronics continues to take giant strides forward. Those strides are including the improvement of television receiver design. At the same time that integrated circuits are simplifying receiver design, manufacturers are adding sophisticated convenience features. On-screen digital channel readout has already appeared on several new television receivers; even more are planned. Of the areas of interest to TV-ers, here's what to look for...

TUNERS: More tuners will be of the varactor diode type (having no moving parts). A varactor diode is a special type of semiconductor that exhibits the properties of a variable capacitor when a reverse bias voltage is applied to it. Varactor diode tuners offer the advantage of easy accommodation of many types of channel selection schemes. When incorporated with new "phase-locked loop" integrated circuits, highly precise tuning is possible. Past varactor tuners have often been less sensitive than their mechanical tuner counterparts. This is due to the inherent low Q and high losses of varactor diodes. Many newer tuners use better, higher Q varactor diodes and low noise, high gain, r-f amplifiers. This combination offers sensitivity comparable to mechanical tuners.

New tuners, both mechanical and varactor diode, will be more sensitive and more immune to overloading and cross-modulation. This achievement is a result of the continued refinement of field-effect transistors (FETs) and metal oxide semiconductor field-effect transistors (MOSFETs). The newer transistors, when used as tuner r-f amplifiers and mixers, exhibit very low noise and high signal handling capabilities.

Within the next two years, electronic digital readout will become quite popular --even on lower cost models. This is in part due to recent design breakthroughs by Fairchild Semiconductor and others. One manufacturer boasts of having developed a complete VHF-UHF tuning system with LED (light emitting diode) digital channel readout that will cost TV set manufacturers about \$30 each. As production increases, costs could drop to \$15 or less. The system used is much like that used in many FM tuners. The phase lock loop method of frequency synthesis is employed.

Though many TV receivers which today use varactor diode tuners and digital readout employ a limited number of "preset" channels (usually 24), most future sets are likely to use keyboard channel selection. The viewer merely punches up the desired channel number (ie., two, then six for channel 26) on a calculator-like keyboard. Magnavox already uses such a system on their super expensive "STAR System" console and Motorola Semiconductors has all necessary system components available for sale to manufacturers. Though the keyboard system is accurate and convenient for the average viewer, it has drawbacks for the TV-DXer. One cannot take a quick spin around the dials or rapidly flip back and forth between two channels. Each of the 82 television channels must be individually punched up. The tuner also cannot be off-tuned slightly for improved adjacent channel rejection. There is no fine tuning, as the frequency synthesis system always precisely sets the tuner's frequency.

There is still hope for DXing convenience and accuracy in TV tuners however. FCC regulations will continue to force manufacturers to improve the calibration accuracy of all UHF tuners. Next year's tuners (of all UHF types) must be more accurate than the requirement for this year's tuners. One possible solution to achieve very accurate UHF tuning and still use a rotary dial was developed by Standard Components (formerly Standard-Kollsman). Their experimental UHF tuner is varactor tuned, but its control voltages are varied by optical couplers. A transparent polarized disc is mounted on the tuning knob shaft. Light from a small bulb passes through a section of the disc and is sensed by a phototransistor.

As the tuning knob (and polarized disc) is turned, varying amounts of light strike the photo transistor. The resultant output of the photo transistor is used to establish the amount of control voltage applied to the tuner, and thus its frequency.

R-F amplifiers will start to appear in UHF tuners with greater regularity. New transistors capable of operating at UHF frequencies with very low noise will make this possible. UHF tuner noise figures, currently between 10 - 15 dB, should fall to under 6 dB.

A new convenience that may interest TV-DXers is automatic channel programming. It will be possible to "program" a receiver to operate on preset channels at certain times. For example: channel 2 at 7 pm, channel 5 at 8 pm, etc. A DXer could program the receiver to turn on for several minutes every half hour and tune to open channels. This would be a near "fail safe" method for remembering to check DX conditions.

I-F AMPLIFIERS: The I-F amplifiers in a TV receiver (or in any type of superheterodyne receiver) are the prime contributors of selectivity. Current receivers vary considerably in adjacent channel rejection (selectivity). In fact, they vary so much that the FCC may impose minimum selectivity requirements for television receivers, as they did for UHF channel accuracy. The possibility of such forthcoming legislation was brought about as CATV spread and the number of channels carried on CATV systems increased. In the FCC allocation tables, no stations on adjacent channels are authorized to operate in the same viewing area. CATV systems, however, frequently arrange to send signals down cable on adjacent channels. The result has been increasing complaints to cable operators of adjacent channel interference. With or without a push from the FCC, there are strong indications that television receivers with high selectivity are around the corner. A good reason for this is that it now costs little more to manufacture a receiver with high selectivity, than one with average selectivity.

IN THE MAY VUD we'll look at the changes in receiver circuitry that will bring about improved selectivity. These changes include the use of LC and surface wave I-F filters. WATCH FOR IT!!!

TEST PATTERN GUIDE ADDITION ... The Electronics Industries Association (EIA) informs us that the RETMA pattern is now called the "EIA Resolution Chart" or EIA pattern. Out of tradition, TV-DXers will probably still hang on to the RETMA handle. You can buy an 18 x 24" copy of this tp for \$4.50 from the Electronics Industries Association.

KEN SIMON passes word that Michigan and Idaho will not switch to Daylight Savings Time until April 27. Hawaii and Arizona will keep STANDARD TIME.

FLASH!

THE LONG AWAITED WTFDA TV STATION GUIDE WILL SOON BE AVAILABLE!!! AS A SPECIAL OFFER TO MEMBERS WHO ORDER EARLY, WTFDA IS OFFERING A ONE DOLLAR DISCOUNT. ORDER BEFORE APRIL 30 AND THE PRICE IS ONLY \$3. MEMBERS ORDERING AFTER APRIL 30 WILL PAY \$4. THE NONMEMBER PRICE IS \$5. By ordering early, you help WTFDA pay the printer fast, and you save \$1 in the process! This is one publication that you won't want to miss.

The WTFDA TV STATION GUIDE features maps for each channel pinpointing the locations of almost every TV station in North and Central America. The GUIDE even includes the newly released UHF offset frequencies. THIS IS A WTFDA EXCLUSIVE. ORDER TODAY FROM WTFDA HQ.

Next month: 95 MHz
FM DX Records

And then: further
UHF TV DX Records

STATISTICS

Editor:

Glenn Hauser

1312 West Oak

Enid OK 73701

CHANNEL 40 TV DX RECORDS

| Call | Location | Miles | DXer, Location |
|------|-----------------|-------|---------------------------------|
| WHMA | AL Anniston | 810 | Glenn Hauser, Von Ormy TX |
| KFPW | AR Fort Smith | 485 | Glenn Hauser, Von Ormy TX |
| KLXA | CA Fontana | 175 | Stan Wigh, Kingsburg CA |
| KCCC | CA Sacramento | 235 | Dennis Smith, Wasco CA |
| KTXL | CA Sacramento | 245 | Jim Pizzi, Orcutt CA |
| WXLT | FL Sarasota | 1060 | Robert Cooper, Oklahoma City OK |
| WHMB | IN Indianapolis | 665 | Robert Cooper, Arcadia OK |
| WHYN | MA Springfield | 600 | Roger Brown, East Lansing MI |
| WCNC | NJ Wildwood | 400 | Mark Lewis, Downsview ON |
| WICZ | NY Binghamton | 605 | Gary Olson, Deerfield IL |
| | | tie | Don Ruland, Kenosha WI |
| WAIM | SC Anderson | 840 | Robert Cooper, Oklahoma City OK |
| KDUB | WI Dubuque IA | 655 | Fred McCormack, Des Lacs ND |

Logos



CHANNEL 41 TV DX RECORDS

| | | | |
|-------|------------------|------|-------------------------------------|
| WIIQ | AL Demopolis | 835 | Robert Seybold, Dunkirk NY |
| WCWB | GA Macon | 920 | Glenn Hauser, Von Ormy TX |
| WDRB | IN Louisville KY | 670 | Robert Cooper, Oklahoma City OK |
| WUHQ | MI Battle Creek | 895 | Craig & Fred McCormack, Des Lacs ND |
| KBMA | MO Kansas City | 840 | Mark Lewis, Downsview ON |
| KWDA | NY Albany | 260 | Richard Nieman, Buffalo NY |
| | | tie | King Schafer, Kenmore NY |
| WXTV | NY Paterson NJ | 550 | Roger Brown, East Lansing MI |
| W4LAA | OH Wheeling WV | 180 | Robert Seybold, Dunkirk NY (WVU-24) |
| KWEX | TX San Antonio | 1035 | John Coombs, Orlando FL |
| WVTA | VT Windsor | 415 | J.A. Forster Valdés, Wolfville NS |



CHANNEL 42 TV DX RECORDS

| | | | |
|------|---------------|-----|---------------------------------|
| WBMG | AL Birmingham | 805 | Mark Lewis, Downsview ON |
| | | tie | J. Joel Rosenberg, Downsview ON |
| WEIQ | AL Mobile | 645 | Glenn Hauser, Von Ormy TX |
| KCFT | CA Concord | 125 | Dennis Smith, Donner Pass CA |
| WTVI | NC Charlotte | 365 | Tom Yingling, Dundalk MD |
| WPBO | OH Portsmouth | 805 | Robert Cooper, Arcadia OK |
| KHFI | TX Austin | 455 | Ron Le Blanc, Marrero LA |

WAIM-TV 40



CHANNEL 43 TV DX RECORDS

| | | | |
|------|---------------|-----|---------------------------------|
| WGIQ | AL Louisville | 800 | Glenn Hauser, Von Ormy TX |
| KICU | CA Visalia | 160 | Randy Miltler, Campbell CA |
| WICC | CT Bridgeport | 310 | Richard Nieman, Buffalo NY |
| WEEK | IL Peoria | 565 | King Schafer, Kenmore NY |
| | | tie | Art Collins, Buffalo NY |
| | | tie | Richard Nieman, Buffalo NY |
| WUAB | OH Lorain | 935 | Robert Cooper, Oklahoma City OK |
| WSBA | PA York | 630 | Bill Draeb, Kewaunee WI |

CHANNEL 44 TV DX RECORDS

| | | | |
|------|------------------|------|-----------------------------------|
| KBHK | CA San Francisco | 235 | Dennis Smith, Sequoia Crest CA |
| WTOG | FL St Petersburg | 1035 | Robert Cooper, Oklahoma City OK |
| WSNS | IL Chicago | 785 | Glen Neal, Sayre OK |
| WGBX | MA Boston | 390 | J.A. Forster Valdés, Wolfville NS |
| WUOC | OH Cambridge | 915 | Robert Cooper, Arcadia OK |
| WVLA | PA Scranton | 630 | Bill Draeb, Kewaunee WI |



TV 44 WSNS CHICAGO
2,500,000 Watts



FM SCOREBOARD

MARCH
1975

| Dxer, Location | S T A T I O N S | | | | POLITICAL UNITS | | | | | | | AV DST Tr MS | As of: |
|----------------------------------|-----------------|-------|-----|-------|-----------------|----|----|----|-----|-----|-----|-----------------|--------|
| | Total | 88-92 | Es | MS Au | US | CN | MX | FO | TPU | | | | |
| Andy Bolin, Charleston IL | 1356 | 177 | 402 | | 44+ | 6 | 4 | 2 | 57 | | | 70 | Jul 4 |
| Bruce Elving, Adolph MN | 1211 | 94 | 521 | 6 | 42+ | 3 | 1 | 0 | 47 | | | 48 | Feb 25 |
| John Ebeling, Bloomington MN | 796 | 101 | 357 | 13 | 42+ | 4 | 2 | 0 | 49 | | | 52 | Nov 19 |
| Robert Seybold, Dunkirk NY | 781 | 82 | 306 | 0 | 41 | 4 | 5 | 0 | 50 | | | 60 | Jan 5 |
| Pat Dyer, San Antonio TX | 755 | 83 | 571 | 13 | 38+ | 2 | 6 | 3 | 50 | | | 70 | Feb 13 |
| Fred Nordquist, N. Syracuse NY | 695 | 86 | 242 | 14 | 38+ | 3 | 0 | 2 | 44 | | | 64 | Feb 3 |
| Ron LeBlanc, Marroero LA | 630 | 88 | 290 | 2 | 37+ | 2 | 5 | 4 | 49 | | | 71 | Sep 10 |
| Fred McCormack, Des Lacs ND | 600 | 118 | 161 | 2 | 36+ | 2 | 0 | 2 | 41 | | 476 | 65 | Oct 5 |
| Joseph Fela, S. Plainfield NJ | 520 | 30 | 276 | 41 | 39 | 4 | 5 | 1 | 49 | | | 68 | Nov 24 |
| Glenn Hauser, Enid OK | 500 | 91 | 126 | 6 | 36+ | 2 | 0 | 1 | 40 | | | 65 | Jun 23 |
| Sheldon Remington, Hamden CT | 488 | 48 | 169 | 29 | 37 | 4 | 0 | 0 | 41 | | | 70 | Oct 1 |
| Peter Sawatzky, Waterloo ON | 480 | 58 | 3 | 0 | 21 | 2 | 0 | 1 | 24 | | | 71 | Nov 3 |
| Greg Kelley, Staunton VA | 415 | 98 | 164 | 20 | 37+ | 2 | 5 | 1 | 46 | | | 67 | Sep 2 |
| Glenn Hauser, Stillwater OK | 322 | 60 | 67 | 7 | 31+ | 2 | 0 | 0 | 34 | | | 73 | Jul 13 |
| R. J. Steinberger, Hudson MA | 262 | 34 | 130 | 8 | 18 | 2 | 3 | 0 | 23 | 138 | | 58 | Jan 11 |
| Steven Wiseblood, Santa Maria CA | 205 | 41 | 66 | 1 | 23 | 0 | 0 | 0 | 23 | | | 71 | Feb 7 |
| Wayne Ebeling, Bloomington MN | 202 | 25 | 41 | 1 | 8 | 0 | 1 | 0 | 9 | | | 52 | Nov 20 |
| Dennis Smith, Wasco CA | 176 | 42 | 52 | 4 | 16 | 0 | 1 | 1 | 18 | 240 | | 69 | Apr 17 |
| Gil Morgan, Santa Ana CA | 169 | 18 | | | 12+ | 1 | 0 | 0 | 14 | | | 71 | Oct 1 |
| Joseph Smith, Johnson City NY | 140 | 26 | 7 | 2 | 5 | 0 | 1 | 1 | 7 | 220 | | 72 | Jul 1 |
| Dale Connolly, Van Nuys CA | 111 | 6 | 0 | 0 | 4 | 1 | 0 | 0 | 5 | | | 64 | Oct 5 |
| Frank Wheeler, Erie PA | 101 | 17 | 17 | 0 | 13 | 0 | 0 | 0 | 13 | | | 70 | Sep 3 |
| Fred Hendricks, Decatur IL | 100 | 17 | 19 | 0 | 14 | 3 | 0 | 1 | 18 | | | 74 | Aug 24 |
| Jim Alexander, New Hartford NY | 83 | 12 | 3 | 0 | 5 | 0 | 0 | 0 | 5 | 105 | | 73 | Aug 7 |
| Scott Sampson, Orion IL | 75 | 41 | 38 | 0 | 14 | 1 | 1 | 3 | 19 | | | 66 | Nov 29 |
| Ken Simon, West Palm Beach FL | 38 | 9 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | | | 72 | Sep 16 |
| Michael Hogan, E. Chicago IN | | | | | | | | | | | | 72 | Aug 1 |

NOTES AND COMMENTS...The Au column is slowly beginning to lose all those blank spaces. Many thanks to those of you who have submitted Au totals, and shame on those of you who haven't! Please submit these totals by the next FM Scoreboard (July)...A more difficult problem to crack is that of the average distances. As you can see the Es distance has been dropped, and a MS average has been instituted. So far only five DXers have contributed to this section, and none in the MS column! Please work out your averages by next time. It's not hard to do if you have an electronic calculator--and they come as cheap as \$12.95...The VHF Scoreboard seems a virtual occurrence at this time; if you have any opinions or suggestions, either positive or negative, please contact me. I am collaborating with Terry Colgan and Pat Dyer on the subject and hope to have some type of scoreboard format for it in the near future...As with all others in the VUD, this is your column. Please keep contributing.

SEND YOUR TV AND FM TOTALS TO: 5201 Colewood Drive, Pittsburgh, PA 15236

---73 in 75, Clarke

EASTERN TVDX

Bill Thompson
1907 Seneca Street
Buffalo, NY 14210

March 1975

Deadline: 10th

| | | | | | | | |
|-----------------------|-----|---|---|----|----|----|----|
| January E-skip dates: | 1 | 6 | 7 | 14 | 21 | 24 | 30 |
| number of reporters | 1 | 1 | 2 | 1 | 1 | 2 | 1 |
| MUF to at least: | ch4 | 3 | 4 | 2 | 3 | 3 | 4 |

Please note that the Es chart only reflects reported DX.

Going by what has been reported so far, midwinter Es activity was definitely low this time. Unless you DX from more southerly latitudes, you were probably disappointed. Advice for those of us in the Northeast who have been complaining about a lack of really good tropo recently: move to central Florida. Winter brings peak trans-Gulf ducting to areas on or near the Gulf Coast, and John Combs, sited on the eastern end of several very good paths, caught an opening of record breaking proportions January 25th-27th. The results are remarkable: VHF (highband and lowband) and UHF to approximately 1050 miles, with VAFI levels as high as 4555! Most DXers along the Gulf should have done well.

Bob Seybold Bennett Road Dunkirk, New York (EST)

"Busy here, not much time for DX but I have noticed some E-skip and a little tropo. E-skip on several occasions and quite good at times, even to ch 6. Not many IDs but know some was from Florida. Some skip as late as 2300 or later. Some tropo—Ohio, Michigan V's and U's. No hills DX, antennas taken down during winter."

January

27 Tr "Evening—good tropo, UHF to about 400 miles. Michigan, Indiana, Ohio good to excellent. Many WNED-17 translators. Best tropo opening in a long time."

Bill Thompson 1907 Seneca Street Buffalo, New York 14210 (EST)

January

| | | | | | | |
|--|--|--|-------|------|-----------------------------------------------------|---|
| | | | 10 Tr | 0006 | WSBT-22 S Bend IN | T |
| | | | | | (ch 22 jammed w/hvy CKGN CCI) | |
| | | | | 0010 | WKBD-50 Detroit MI | |
| | | | | | WCAB-50 St John IN | T |
| | | | | | (CCI on WKBD; could WCAB be on this late—2310 CST?) | |
| | | | | 0025 | WWTV-9 Cadillac MI | |
| | | | | 0027 | WJRT-12 Flint MI | T |
| | | | | 0030 | Youngstown OH U's | |
| | | | | 0139 | WWNY-7 Watertown NY | |
| | | | | 0145 | WTRF-7 Wheeling WV | |
| | | | 18 | 1800 | WIIC-11, WQED-13, WPGH-53 | |

February

| | | | | | | |
|--|--|--|------|------|---------------------------|--|
| | | | 2 Tr | 0215 | CKGN-29-29 Ont w/telethon | |
| | | | | 7 Es | 2000 unIDs 2,3 briefly | |

Have been using 1975 RCA AT091B with digital detent UHF tuner (mechanical readout) since December 19. It's a bit hotter than UHF tuners I've used in the past, especially on the translator channels (70-83). WNED xtrs on chs 72,73,80,81 are always present. On my old rcvr, only chs 72 & 80 could be seen all the time. Adjacent channel rejection seems quite good, too.

Ken Simon 528 Pilgrim Road West Palm Beach, Florida 33405 305/585-7415

January (EST)

| | | | | | | | |
|--|--|--|-------|------|-----------------------|------------------------|---|
| | | | 26 Tr | 0845 | WLCY-10 Largo FL | T | |
| | | | | 27 | 0710 | WBAR-3 Pensacola FL | R |
| | | | | 28 | 0615 | WJXT-4 Jacksonville FL | T |
| | | | 30 Es | 1705 | KPRC-2 Houston TX | 3331R | |
| | | | | | WRFC-3 Memphis TN | 4442R | |
| | | | | 1720 | KARK-4 Little Rock | 3321R | |
| | | | | 1729 | KETS-2 Conway AR | 5441R | |
| | | | | | WKYC-3 Cleveland OH | 4421R | |
| | | | | 1750 | KGFT-4 Harlingen TX | 5531R | |
| | | | | | KTBS-3 Shreveport LA | T | |
| | | | | 1945 | WERZ-2 Baton Rouge LA | 4421R | |
| | | | | 1958 | WWL-4 New Orleans | 4321R | |
| | | | | | "skip gone by 2100" | | |

(Ken also reports numerous relogs of such Florida U's as: WBBH-20, WEVU-26, WTVX-34, WWSB-35, WKLT-40, WTOG-44.) "Want to take this occasion to invite everyone to the WFDFA '75 convention in Lighthouse Point, Florida. Fair month, not as good as John Combs did but had some nice Es. Local WFCB-45 expects to be on the air with programming Feb. 11."

David J. Egan 12A Andrew Valleyfield, Quebec J6S 3B2 (EST)

January

7 Es 1747 unID-4 "suspect WTTV"
 1758 unID-3 "suspect WSIL"
 1803 WFWO-2 Indianapolis R0790

11 Tr 2045 "Boston 2,4 & 7"
 2058 WSBK-38 Boston "in & out"
 24 Es 1829 KTVN-2 Reno NV Tentative

KTVI-2

5915 BERTHOLD AVE. · ST. LOUIS, MISSOURI 63110

and so it's up to the station to check their log and clear this up..." (Dave, KTVI's logo (above) does not contain a dotted 'I', and KTVN is a CBS affiliate. Double hop is rare enough during the regular Es season, but on an out-of-season day, and at a time when stations near the suspected path midpoint are on, it's a virtual impossibility. Sorry! -bt) "On January 12 a 70 MPH wind took my antenna off the roof and into the yard. The UHF corner reflector took the most punishment...I have repaired it and have it set up in the house...the VHF antenna is set up in the back yard. Starting this week (Feb 5) I am beginning to buy, piece by piece, a new antenna system, which will include a new yagi (I get fantastic results on an all-channel job, especially in the skip department), a tower which will rise to about 55 feet and finally the Channel Master 7' parabolic dish I've been planning to buy for years...Our street slopes downward towards the bay, and we are about 500 feet from the bay. Thus, there are no obstacles to prevent UHF from pouring in...The whole works will be up and operating by mid-April. By the way, Roy Barstow, the CJLN-5 you reported in the Jan VUD on July 4 was CJON Argentina, Newfoundland. If you write to stations for QSLs, write to CJCN-4 Grand Falls for ch 3. Until next month, 73."

Tony Ward RR4 Guelph, Ontario N1H 6J1 519/824-1918 (EST)

"I have reported to the VUD's FM pages before, but not I think to TV... High winds took my system down again a month ago. Remember Bob Cooper saying that if it stays up more than a year your antenna system is not large enough? Well, mine has been large enough for 3 years in a row now. My fired insurance agent's cheque in hand, I made off to my friendly wholesaler for a second rotor, a Delhi 1047 VHF & 10YFM to go with the still unbent SFA corner reflector yagi...I took the opportunity to change over from 300 ohm to 75 ohm RG11/U. Presto!! Instant improvements of enormous proportions; eg, ch 2 no longer leaks CKCO-2 all over Johnny Carson every night. Raising VHF on separate mast to 38' now gets me daily to WJAC-6 and WJIM-6, CKSO-5 CHNB-4 with the weak morning tropo. Plus Cleveland & Detroit V's in the clear over the other regulars. A dramatic improvement awaiting some real DX. FM to 40' and UHF to 52' on the old re-erected mast now projected--strapped to the side of the house at 25' my precious WNED-17 is snowy--yes, I do watch TV when there's nothing else to do (Yes, and WNED's fare is a lot better than most of the garbage on some commercial stns I know -bt)...WNED's translators make it here--even W73AR at 100 miles or so & I only have about 5db gain above ch 65 on the SFA!"

November 1974

18 Tr 0958 WFGH-53 Pittsburgh 3335N
 1020 WNEO-45 Alliance OH 2335N
 1050 WOEX-16 Pittsburgh 2235N
 1057 WENY-36 Elmira NY 3325
 1100 W73AR-73 Arcade NY 2035N
 9 1700 WNEP-18 Norwood NY 3324N
 2000 CBOT-4 Ottawa Ont 1422N
 2107 WENY-36 Elmira NY 4545
 2109 WBJA-34 Binghamton 4545
 2115 WICZ-40 Binghamton 2335
 2117 WNEP-16 Scranton PA 2333
 2118 WSYE-18 Elmira NY 4555
 2119 WUTR-20 Utica NY 4544
 2123 unID-20 "NBC 4" 2232
 2128 WCNY-24 Syracuse NY 2441
 2130 WBRB-28 WilkesBarre 4555
 2203 CKNC-9 Sudbury Ont 1121N
 2223 WVIA-44 Scranton PA 3325N

9 Tr 2259 WWTN-7 Watertown NY 1221N
 10 1550 WNY5-9 Syracuse NY 1221

December

31 Tr 0730 Scranton, Akron, Canton U's

January 1975

9 Tr 2300 N Ohio & Detroit U's
 2305 WOSU-34 Columbus OH 3325
 2315 WTPB-49 Muncie IN 3325N
 2320 WWSH-46 S Bend IN 2225N
 2329 WFBO-42 Portsmouth 2325N
 2335 WOHQ-41 Battle Creek 2335
 2345 WNDU-16 S Bend IN 4545
 10 0015 WANE-15 Ft Wayne IN 2325
 0030 W3JV-28 Elkhart IN 3545
 0031 WKJG-33 Ft Wayne 2325
 0051 WELD-32 Chicago IL 2225N
 0200 WLLX-10 Jackson MI 2345
 2030 CHNB-4 North Bay Ont 3214N

John F. Combs 816 W. Harvard Orlando, Florida 32804 (EST)

"Fantastic DX here in January!...DX was practically non-existent until the massive tropo session the 25th-27th. Log has shot up to 228 with 63 UHF. I still can't believe 1000-mile plus UHF on an 8-bay antenna barely 20 or 25 feet up, with no pre-amp!" (Incredible! Can you imagine what you'd log with a parabolic at 50 feet or higher? -bt)

January

| | | | | | | | | |
|-------|---------------------------------------------------------------|-------------------------------------------------------|------------------|-------|-----------------------------|----------|----------------------|-------|
| 2 Tr | 2230 | WYEA-38 | Columbus GA | 340 | 2133 | KEDT-16 | Corpus C TX | 990 |
| | 2234 | WDTB-13 | PanamaCity FL | 275 | 2133 | KINI-15 | Lafayette LA | 665 |
| 3 | 1015 | WYEA-38 | Columbus GA | 340 | 2134 | KPRC -2 | Houston TX | 850 |
| | 1015 | WRBL-3 | Columbus GA | 340 | "2nd stn by 3 propagations" | | | |
| 21 | 0655 | WAAY-31 | Huntsville N | 525 | 2134 | WVUE-8 | New Orleans LA | 535 |
| | 0658 | WAPI-13 | Birmingham N | 475 | 2135 | WMAU-17 | Bude MS | N 615 |
| | 0704 | WYEA-38 | Columbus GA | 340 | 2135 | WRBT-33 | BatonRouge LA | 605 |
| | "...had to leave 0715--before most Huntsville, B'ham stns on" | | | | | | | |
| Es | 1707 | unID-3 | CBS "TV-3" | | 2137 | WYBS-12 | New Orleans | 535 |
| 25 Tr | 2033 | WDTB-13 | PanamaCity FL | 340 | 2137 | WABW-14 | Pelham GA | 245 |
| | 2033 | WALA-10 | Mobile AL | 425 | 2139 | WLOX-13 | Biloxi MS | 480 |
| | 2033 | WVUE-8 | New Orleans | 535 | 2140 | WFSU-11 | Tallahassee | 220 |
| | 2034 | WGNO-26 | New Orleans N | 535 | 2143 | KPLC-7 | LakeCharles LA | 725 |
| | 2034 | KVRL-26? | Houston TX | T | 2144 | KHOU-11 | Houston TX | 850 |
| | 2034 | WMAH-19 | Biloxi MS | 480 | 2145 | KBMT-12 | Beaumont TX N | 790 |
| | 2036 | WBIQ-42 | Mobile AL | 425 | 2146 | KUHT-8 | Houston TX | 850 |
| | 2036 | WJHG-7 | Panama City FL | 275 | 2200 | KHTV-39 | Houston TX | 850 |
| | 2041 | KINI-15 | Lafayette LA | 665 | 2200 | WBIQ-42 | Mobile AL | 425 |
| | 2048 | WEAR-3 | Pensacola FL(AL) | 385 | 2217 | WAFB-9 | Baton Rouge LA | 605 |
| | 2048 | WNL-4 | New Orleans | 535 | 2236 | KNCT-46 | Belton TX | N 995 |
| | 2049 | WRBT-33 | Baton Rouge LA | 605 | 2251 | KWEX-41 | SanAntonio | N1045 |
| | 2107 | WAFB-9 | Baton Rouge LA | 605 | 2255 | KTVV-36 | Austin TX | N1005 |
| | 2119 | WSRB-23 | Pensacola FLN | 385 | 2300 | WALA-10 | Mobile AL | 425 |
| | 2119 | WABW-14 | Pelham GA | 245 | 2308 | KTRK-13 | Houston TX | 850 |
| | 2136 | WDHN-18 | Dothan AL | 305 | 2310 | KXIX-19? | Victoria TX | T |
| | 2242 | WACS-25 | Dawson GA | 280 | (KAEC-19 folded, John -bt) | | | |
| | 2242 | WBIQ-43 | Louisville AL | 340 | 2319 | KATC-3 | Lafayette LA | 665 |
| | 2304 | WLOX-13 | Biloxi MS | 480 | 2343 | KJAC -4 | PortArthur TX | 785 |
| | 2319 | WYEA-38 | Columbus GA | 340 | 0003 | KVUE-24 | Austin TX | N1005 |
| | 2332 | WTVX-34 | Ft Pierce FL | 105 | 0025 | KLAA-14 | W Monroe LA | N 705 |
| | 2348 | WSFA-12 | Montgomery AL | 390 | 0029 | WDHN-18 | Dothan AL | 305 |
| | 2355 | WKRQ-5 | Mobile AL | N 425 | 0033 | WAPT-16 | Jackson MS | N 595 |
| | 2358 | KVUE-24? | Austin TX | T | 0034 | WKRQ-5 | Mobile AL | 425 |
| 26 | 0000 | "Tropo getting heavier-- many VHF channels just hash" | | | | | | |
| | 0013 | WTVY-4 | Dothan AL | 305 | 0050 | WNL-4 | New Orleans LA | 535 |
| | 0048 | WERB-14 | Allandale SC | 310 | 0645 | WPOK-11 | Meridian MS | N 500 |
| | 0103 | WGOV-20 | Montgomery AL | 390 | 0645 | KNOE-8 | Monroe LA | N 700 |
| | 0126 | KHOU-11 | Houston TX | 850 | 0645 | KTPS -3 | Shreveport LA | 820 |
| | 0130 | WDSU-6 | New Orleans LA | 535 | 0646 | KATC-3 | Lafayette LA | 665 |
| | "barely u/WCTV" | | | | | | | |
| | 0130 | KRGV-5 | Weslaco TX | N1045 | 0646 | WKRQ-5 | Mobile AL | 425 |
| | 0135 | KEDT-16 | Corpus C TX | N 990 | 0649 | WNL-4 | New Orleans LA | 535 |
| | 0137 | KHTV-39 | Houston TX | 850 | 0652 | WBRZ -2 | BatonRouge LA | 605 |
| | 0148 | KTRK-13 | Houston TX | N 850 | 0652 | WVUE-8 | New Orleans LA | 535 |
| | 0153 | KSAT-12 | SanAntonio | N1045 | 0655 | KTVT-11 | Ft Worth TX | N1005 |
| | 0202 | unID-7 | "Mexico?" | | 0656 | WJHG-7 | Panama City FL | 275 |
| | 0203 | KGBT -4 | Harlingen TX | 1030 | 0656 | WALA-10 | Mobile AL | 425 |
| | 0205 | KPRC-6 | Beaumont TX | N 790 | 0657 | WJTV-12 | Jackson MS | 595 |
| | 0300 | WXIA-11 | Atlanta GA | 405 | 0700 | KTRK-13 | Houston TX | 850 |
| | 2133 | WMAH-19 | Biloxi MS | 480 | 0701 | WEAR-3 | Pensacola FL(AL) | 385 |
| | 2133 | WGNO-26 | New Orleans | 535 | 0701 | WLBZ-3 | Jackson MS | N 595 |
| | 2133 | KVRL-26 | Houston TX | 850 | 0703 | WAFB-9 | Baton Rouge LA | 605 |
| | | | | | 0704 | KERA-13 | Dallas TX | N 970 |
| | | | | | 0706 | KTHV-11 | LittleRock N | 785 |
| | | | | | 0707 | unID-7 | "u/WJHG" (KATV? -bt) | |
| | | | | | 0713 | KTVV-36 | Austin TX | 1005 |
| | | | | | "had to leave at 0715" | | | |

Steven Sprachman 3939 Eve Drive Seaford, New York 11783 (EST)

January

24 Es 1600 (unID)-2 CCI under WCBS

"I installed a small UHF antenna in the attic for reception of WSNL-67; a knife switch connects the two UHF antennas. WBTB-68 has been off the air since New Year's. It doesn't look as though it will return to the air for a long while...I hope all members of WFFDA have a better 1975."

24 Es 1630 KDAL-3 Duluth MN

R1000

CENTRAL TV-DX

William J. Draeb
Ellis St., R.R.#2
Kewaunee, Wi.
54216

Deadline: 12th

The past month was not without it's surprises. On Jan. 21st dixer Gould of Kokomo, In. saw tropes extend as far South as Sarasota, Fl. in the form of WKLT-40. Now, any tropes from Indiana to Florida would be quite a feat but this one is half way down the Florida Penninsula which is almost unheard of for a dixer this far North. Another thing that makes it so unusual is that it happened in the middle of winter. I was a little too far North to get in on this opening. As I recall the weather map for that particular day there was a large high parked over the SE U.S. and there was a stationary front running E-W about a hundred miles South of me. Here are this months reports:

James H. Gould; R.R.#3, Kokomo, In. 46901 EST (317)-452-9585

1-1 Tr WWUP-10 Mi. 4522 (422)
1-8 Tr W39-- ch. 39 Ft. Wayne
(repeats WBGU-57).
1-9 Tr WSWN-47 Va. 3544 (317)
2000 WWVU-24 W.Va. 4531(332)
WBRE-28 Pa. 0420 (536)
2136 WKBS-48 Pa.
2202 WQED-13 Pa. 5531(320)
2235 WLVT-39 Pa. Tent.

Conditions appear to show weak signals from Eastern Pa., N.J., and Md. VHF good to Pittsburgh with heavy cci East. Rapid fades starting on locals indicating unstable air and dying conditions. 2344--all dead except some cci from WBRE-28. Can any Eastern dixer advise to the unid-48. The 10kc cci on WCET-48 was probably WKBS-48. (I would say that was a safe guess--wd). Merv Griffin seen at 2136 on ch.48.

1-11 Tr 2000 KOLR-10 Mo. 3010(445)
Winds yesterday at 2230 hrs reached 85 mph. (here too--wd) No ant. damage.

1-20 Tr 2123 WAAV-31 Al. 4534(410)
2125 WMSL-48 Al. " "
WBMG-42 Al. 2425(490)
2128 WRIP-61 Tn. 2435(385)
WTCI-45 Tn. 4535(385)
20kc cci on chs. 46, 28, & 41 SSE.
2158 WYEA-38 Ga. 4523(568)
photoed.

2310 WHMA-40 Al. 2525(482)
1-21 Tr 0540 WBIR-10 Tn. 4335(346)
WATE-6 Tn. 4535(346)
0558 WRLU-27(ex-WRFT) Va.
3445(406)

Log now at:474

(Jim, we don't have 30" of snow on the ground here nor did we as yet this winter. We now have about 7" on the ground and all of that came in the past two weeks or so--wd)

William J. Draeb; Ellis St. R.R.#2, Kewaunee, Wi. 54216 CST (414)-388-2350

Not much Dx in the way of tropes during the past month. I did see some Es however.

1-15 Tr 1800 KINL-30 St. Louis, Mo.(432) 1-17 Tr 1717 KINL-30 St. Louis(432)
1949 Dayton U's(368) 1838 Cleveland U's(355)
1-16 Tr 1725 " " " 1844 Dayton U's(368)

1-21 Tr 0630 WTCG-17 Ga. 2223(485) T
WYEA-38 Ga. 1225(568) T
0642 unided ch.28 SSE(prob-
ably WJSP--wd)
0700 WKLT-40 Fl. 2515(940mi.)
(Lasted to 0705; almost passed
up ch.40 thinking it was WHMA)
(nice catch!!!--wd)
0746 WMAV-18 Ms. 4524(472)
0756 WMAW-14 Ms. 3431(592)
0850 Huntsville and Birming-
ham fading out.
1-22 Tr 2050 KMTC-27 Mo. 4523(445)
KOLR-10 Mo. 3531(445)
2055 KBMA-41 Mo. 2312(458)
1-23 Tr 0700 WTVK-26 Tn. 3535(346)
0745 Huntsville U's
0746 WSWN-47 Va. 5545(317)
0747 KINL-30 Mo. (Snowfree
no matter which way ant. is
pointed)
0915 WFIQ-36 Al. 3535(405)
0942 WTCI-45 Tn. 4533(385)
1000 WBMG-42 Al. 3524(490)
1-24 Tr 1000 WSWN-47 Va. 3513(317)
1-27 Tr 2130 WWVU-24 W.Va. 5531(332)
WPGH-53 Pa. 3535(320)
Very strong signals from Chicago,
Peoria to Alliance and Toledo.
1-29 Deep low pressure over Chicago
;signals weak with rapid qsb at 1200.
However, Huntsville & Knoxville rid-
ing in and out with fade. Zero cci
on WCIU-26 to SSW.
1-30 Es 1632-1730 unideds to SE on
chs.2,3&4 from Cuba, Puerto Rico,
and Dominican Republic.
1-31 Tr 1045 WAAV-31 Al. 1212(410)

| | | | |
|---------------------|-------------------------------|--------------|--------------------------------|
| Draeb; continued--- | | 1-28 Tr 1302 | KDNL-30 St. Louis(432) |
| 1-17 Tr | 1848 WOSU-34 Columbus(395) | 1711 | WKYT-27 Lexington(473) |
| 1-18 Tr | 1707 WOET-16 Dayton(368) | | Cleveland U's(355) |
| | Cleveland U's(355) | 1825 | Dayton U's(368) |
| | 1834 KDNL-30 St. Louis(432) | | WOSU-34 Columbus(395) |
| 1-19 Tr | 1240 " " " | 1952 | WKHN-27 Youngstown(420) |
| 1-20 Tr | 1237 " " " | | WHMB-40 Indianapolis(336) |
| | 1614 WTIU-30 Bloomington(376) | | WDRB-41 Louisville(437) |
| | 1626 WIGS-20 Springfield(325) | 2016 | WKLE-46 Lexington(473) |
| | Indianapolis U's(336) | 2028 | WUTV-29 Buffalo(445) |
| | 1829 Dayton U's(368) | 1-29 Tr | 1605 Dayton U's(368) |
| | 2031 WMUL-33 Huntington(498) | | WOSU-34 Columbus(395) |
| | 2036 WKSO-29 Somerset(538) | 1-30 Tr | 1643 WKYT-27 Lexington(473) |
| | 2040 WKHA-35 Hazard(551) T | | WOSU-34 Columbus(395) |
| 1-21 Tr | 2044 WKYT-27 Lexington(473) | | Dayton U's(368) |
| | Dayton U's(368) | | Youngstown U's(420) |
| | 2052 WKSO-29 Somerset(538) | | Cleveland U's(355) |
| | WLEX-18 Lexington(473) | | WAKR-23 Akron(380) |
| 1-22 Tr | 1706 WKYT-27 " " | 1833 | Erie U's(405) |
| | 1718 KMTC-27 Springfield(589) | 1912 | KDNL-30 St. Louis(432) |
| | KDNL-30 St. Louis(432) | 1946 | WLKY-32 Louisville(437) |
| | 1728 KPOB-15 Poplar Bluff T | | WDRB-41 " " |
| | 1840 Dayton U's(368) | 2005 | Indianapolis U's(336) |
| | WOSU-34 Columbus(395) | 2038 | WMUL-33 Huntington(498) |
| | 1846 WUSI-16 Olney(402) | 1-31 Tr | 1700 Cleveland U's(355) |
| | WSHT-25 Evansville T | | WOSU-34 Columbus(395) |
| | 1913 WKHN-27 Youngstown(420) | | KDNL-30 St. Louis(432) |
| | 1939 KSIN-27 Sioux City T | | 1915 KMTC-27 Springfield(589) |
| 1-23 Tr | 1240 Cleveland U's(355) | 2-1 Tr | 0820 WKHN-27 Youngstown(420) |
| | WKHN-27 Youngstown(420) | | WYTV-33 " " |
| | WYTV-33 " " | | Dayton U's(368) |
| | 1711 WOSU-34 Columbus(395) | 1656 | KDNL-30 St. Louis(432) |
| | 1717 KMTC-27 Springfield T | 1708 | WHMB-40 Indianapolis(336) |
| | 1825 WUSI-16 Olney(402) | | WDRB-41 Louisville(437) |
| | 1923 WMUL-33 Huntington(498) | | WLEX-18 Lexington(473) |
| 1-24 Es | 1445 WGBL-2 Boston(830) | | WKYT-27 " " |
| | 1457 WEZ-4 " " | | WOET-16 Dayton(368) |
| | 1502 WESH-2 Daytona Beach T | 2-4 Tr | 1722 WOSU-34 Columbus(395) |
| | WKTU-2 Utica T | | " " " |
| 1-26 Tr | 1510 WSYR-3 Syracuse(575) | | WKYT-27 Lexington(473) |
| | 1832 Dayton U's(368) | | Dayton U's(368) |
| | WOSU-34 Columbus(395) | | KDNL-30 St. Louis(432) |
| | WMUL-33 Huntington(498) | 2-7 Tr | 1925 Dayton U's(368) |
| | 1909 WKYT-27 Lexington(473) | | WKYT-27 Lexington(473) |
| | 1930 WKSO-29 Somerset(538) | | 1945 WHMB-40 Indianapolis(336) |
| | 1936 WSVN-47 Norton T | Es | 1952 KPHC-2 Houston(1117) T |
| 1-27 Tr | 1715 DAYTON U's(368) | | KBTX-3 Bryan(1079) |
| | WOSU-34 Columbus(395) | | KJAC-4 Port Arthur(1080)T |
| | WMUL-33 Huntington(498) | | WOAI-4 San Antonio(1213)T |
| | 1930 WKHA-35 Hazard(551) T | | KMID-2 Midland(1176) |
| | 2027 Cleveland U's(355) | 2014 | KWAB-4 Big Spring(1135) |
| | | 2023 | KACB-3 San Angelo(1143) T |

Donald B. Ruland; 4448 68th Place, Kenosha, Wi. 53140 CST

| | | | |
|---------|-------------------------------|---------|-------------------------------|
| 1-23 Tr | 0528 WHAS-11 Louisville (330) | 1-23 Tr | 0630 WCET-48 Cincinnati (300) |
| | 0530 WLEX-18 Lexington (360) | 0710 | WKSO-29 Somerset (420) |
| | 0555 KPLR-11 St. Louis (300) | | WKMJ-68 Louisville (330) |
| | 0600 WLKY-32 Louisville (330) | 0715 | WKON-52 Owenton (330) |
| | WKYT-27 Lexington (360) | 0730 | WKMU-21 Murray (420) |
| | WTWQ-62 " " | | Log now at : 371 |

Marvin Shults; R.R.#2, Toulon, Il. 61483 CST

| | | | |
|--------|------------------------------|--------|--------------------------------|
| 1-1 Ms | 0437 KTW-3 Philadelphia, Pa. | 1-1 Ms | 0555 WESH-2 Daytona Beach, Fl. |
| | 0448 WTAR-3 Norfolk, Va. | | 0620 KATC-3 Lafayette, La. |
| | 0525 WSYR-3 Syracuse, N.Y. | 1-2 Ms | 0355 Unided movie on ch. 5. |
| | 0533 WCIV-4 Charleston, S.C. | | 0417 WSYR-3 Syracuse, N.Y. |

Shults; continued---

| | | | |
|---------|-------------------------------|---------|--------------------------------|
| 1-2 Ms | 0432 WPVI-6 Philadelphia, Pa. | 1-4 Ms | 0424 KYW-3 Philadelphia, Pa. |
| | 0440 KYW-3 " " | | 0450 WCBS-2 New York, N.Y. |
| | 0547 WCIV-4 Charleston, S.C. | 1-10 Es | 0511 WPVI-6 Philadelphia, Pa. |
| | 0607 IHTP-3 to S. | | 0830 KWGN-2 Denver, Co. |
| 1-3 Ms | 0447 KYW-3 Philadelphia, Pa. | | 0900 KUTV-2 Salt Lake City, U. |
| | 0448 WTAR-3 Norfolk, Va. | | 1000 Unided-3 to W.; 0900-1000 |
| | 0456 WCBS-2 New York, N.Y. T | | CBS Morning News. |
| | 0457 WBZ-4 Boston, Ma. T | 1-24 Es | 1500 CBFT-2 Montreal, P.Q. T |
| | 0608 WDSU-6 New Orleans, La. | | 1521 CKCW-2 Moncton, N.B. |
| Tr70613 | WPSD-6 Paducah, Ky. | | 1529 WL EZ-2 Bangor, Me. |
| Ms 0630 | KBJR-6 Duluth-Superior, Mn. | | 1530 CHSJ-4 St. John, N.B. |
| | (ex-WDSM) | | 1700 WKTU-2 Utica, N.Y. |
| | 0652 KARD-3 Wichita, Ks. T | | 1708 WL EZ-2 again. |
| | | | 1715 CBHT-3 Halifax, N.S. |
| | | | 1730 WL EZ-2 again. |
| | | 1-27 Tr | 1630 WIPB-49 Muncie, In. |
| | | | WHMB-40 Indianapolis, In. |

"On January 10, 1975 we experienced the lowest barometer in 50 years. It read 28.95 at 1730. This was a very widespread low pressure system. Thanks go to Ken Simon for his assist on WCIX-6 Ms. I would rate the Leonids Meteor Shower as the best meteor shower of the fall season by a wide margin. I would also say that the Quadrantids seemed to have less overall bursts and pings than any of the fall meteor showers. There seemed to be little tropo activity during the reporting period as the Es outnumbered the Trs."

Paul E. Petosky; 712 Brook St., Munising, Mi. 49862 EST 906-387-4712

| | | | |
|---------|------------------------------|---------|------------------------------|
| 1-17 Tr | 2300 WPNE-38 Green Bay (145) | 1-28 Tr | 0125 WISN-12 Milwaukee (235) |
| 1-18 Tr | 0200 WITI-6 Milwaukee (235) | 2-3 Tr | 1745 WPNE-38 Green Bay (145) |
| 1-28 | 0125 " " | | |

"What a blah winter for tv DK---the worst I have ever seen it---you'll have to agree on that Bill!(it hasn't been the best, that's for sure--wd) I am ashamed to even send in a report! Ha! But want to keep a few pages in your column Bill! Ha!

To add a little more light---My total tabulations to date: 280 stations total, 31 (UHF), 31 (Xltrs), 109 by Es, 4 by Ms, and 6 by Au---for a total of 37 states, 6 Canadian provinces, 1 foreign---for total political units of 44. My UHF average is 279 miles. So far, didn't figure the others up yet---will get around to that later!

A couple weeks ago I purchased a Regency Model MR 10D Monitorradio that covers 152-174 Mhz for only 50 dollars(just like new). I thought that was a pretty good deal!! I also purchased a new Monitor 17 antenna by A/S that covers the 130-174 Mhz range."

I have a few comments to make that might be of interest to some dxers. On Feb. 23 all of the country with the exception of Michigan will be going on daylight time. Michigan won't be making the move to fast time until April 27. I don't know how this is going to affect the program schedules over there. I guess the title of the article which Paul Gaines sent me from The Detroit News sums it up; "Michigan TV Goes On Confused Time". Well, it will only be until April 27, then everything should be back to normal. Personally I would like to see Michigan stay on standard time as it would mean they would be signing on an hour later in the morning.

WESTERN TV DX

Dennis Park Smith
2237 1/2 Ceres Avenue
Chico, California 95926
Telephone 916 343-9424
Deadlines: 7 Mar, 9 Apr

March 1975

Tropo DX in January—none to speak of, except 26-27 Jan, with Bob Cooper in Oklahoma and Pat Dyer in south Texas catching the action with signals from Mississippi, Alabama, Georgia and Florida. Bob observed UHF TV to at least 1070 miles, and Pat noted low VHF TV to 1070 miles, high VHF to 1150 miles, and UHF to 1040 (tentative to 1150). Pat saw it starting on the morning of 26th and through the evening of that day and into mid-morning of 27th, plus a little more on 27th eve. Further north, Bob caught it apparently only on the morning of the 27th, but that was still superb.

Sporadic-E DX was also fairly active in January, with most activity coming in late January and early February. One of the higher MUF's was on 10 Jan, when tornadoes also occurred. Some double-hop Es took place on TV and FM on 1 Feb when Steven Wiseblood in central California received Mexico City at over 1600 miles.

| | eve am | | nite-midn+ | | eve am | | eve noon | | eve eve | | eve eve | | aft eve | | eve eve | | aft eve | |
|-----------------------|--------|----|------------|----|--------|----|----------|----|---------|----|---------|-----|---------|----|---------|----|---------|---|
| Sporadic-E | 1 | 2 | 3 | 4 | 5 | 6 | 6 | 7 | 7 | 8 | 9 | 10 | 11 | 12 | 14 | 17 | 17 | |
| Number of reporters | 1 | 1 | 1 | | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | |
| MUF at least (ch/MHz) | 2 | 2 | 3 | 2 | 2 | 4 | 2 | 3 | 4 | 2 | 4 | 889 | 2 | 4 | 3 | 6 | 4 | |
| eve eve | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| aft eve | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 18 | 19 | 20 | 21 | 22 | 27 | 27 | 28 | 29 | 30 | 31 | Feb 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| >4 | 3 | 5 | 2 | 2 | 4 | 4 | 6 | 2 | 883 | 4 | 921 | 2 | 4 | 3 | 4 | 5 | 2 | 4 |
| 1 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 1 | 2 | 3 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 3 |

Bob Cooper, Jr., Route 5 Box 782, Guthrie, Oklahoma 73044 (5 Jan - 4 Feb) (CST)

The winter Es season which seemed so unusual in December dropped off here substantially in January. After the 15th of January the expectations of the "annual" winter tropo session off to the east kept us alert—but not quite alert enough. When it hit, I missed the best part, I suspect.

- Jan 5: Es tune-in 1745 channel 2 weak.
- Jan 12: Es 1502 ch 2 Spanish, no Id, not Mexico; 1900 XEW-2 DF.
- Jan 14: Es tune-in 1823 ch 2 weak, some signs on ch 3; 1929 XEW-2 DF.
- Jan 17: Es 1931 ch 2 weak from s.e.; 2043-2130 ch 3 Spanish in & out, possibly XHY-.
- Jan 18: tropo KIDZ-24 TX, 1843 KOZK-21 Springfield MO (new ETV noted testing) (station #605).

- Jan 22: Es 1258-1315 ch 2 weak, Spanish, suspect XEW-.
- Jan 22: tropo tune-in 2145 KCBJ-17 MO.
- Jan 27: tropo: Ideal weather map for extended tropo to s.e, and even though it telegraphed itself on the map the night before, I somehow managed to ignore the signs and thereby miss the 0500-0900 period which had to be great. Starting late, I had to settle for UHF only. Tune-in 0745 KLNI-15 LA KLAA 14 LA WMAA 14 MS WMAU 17 MS WMAH 19 MS (overloading converter at 620 miles!), 0753 WGOV-20 AL WMAO 23 MS WHTV 24 MS KVRL 26 TX WMAA 29 MS, 0756 WYEA-38 GA WXLN 40 FL (1050 mi) WIIQ 41 AL WTOG-44 Tampa FL (1023 mi) WBBH-20 Ft Myers FL (1070 mi, stn #606), 0807 WEIQ 42 Mobile AL (stn #607) WBIQ 43 AL WJSP-28 GA WAGS-25 GA WAPT 16 MS, 0830 WGJB 20 FL Gainesville (901 mi, stn #608) WCFT 33 AL WRBT 33 LA WDHN 18 AL. At 0900, it took some guts to leave with WTOG-44 Tampa FL (1023 mi) in snowfree, but at about 1100 cold front moved through and wiped everything out anyhow.

- Jan 28: Es tune-in 1843 ch 2 weak.
- Jan 31: Es tune-in 1950 ch 2 weak.
- Feb 7: Es tune-in 1155 ch 2 weak, 1837 ch 2 weak. 73.

Steven C. Wiseblood, 707 Loma Way, Santa Maria, California 93454 (8 Jan - 9 Feb) (PST)

9 tr 1640 KGO - 7 San Francisco CA 3425R 228 (30)(Es) 1913 XHBS? 4 (novela SS, promo for Canal 13—another net?) (XHIT? XHBS?)

11 Es 1344 unId 2 north-west (KATU OR?)

14 tr 1715 KNTV 11 San Jose CA 4444R 175 1917 XHFI? 5 SS- Mexico

15 tr 1815 KNTV 11 San Jose CA 3444" 175 1917 XHGH-2 XHIT-4 tentatives

16 MS 1246 KREM- 2 Spokane WA 899 2024 unId 2 "Land of Giants" SS-Mex.

1320 KRON- 4 San Francisco CA 2035 228 2055 f/out

17 tr 1955 brief duct to San Diego: 31 Es 1628 XEFE- 2 NuevoLaredo (novela) 1323

KFMB- 8 San Diego CA 3525 230 1651 unId 4 SS- Mexico

KGTV 10 San Diego CA 3525 230 1915 f/out

2007 KTVU 2 Oakland CA 3434 230 F1 Es 1515 unId 2 s.e.

20 Es 1649-2100 2-5 unIds 1532 unId 4,5 Spanish, s.e.

1758 X- - 2 unId(Canal 5 net!, XHI? XHCH?) 1642 unId 2 Canal 5 (Lost in Space, Land of Giants, En Contacto Directo, Get Smart) Mexico

1810 XHBS- 4 Los Mochis Sin(Canal 2net) 1730 unId 4 Canal 13 (network variety show w/Latin mx) Mexico

1830 KMID- 2 Midland/Odessa TX 1066 1808 unId 4 (begin "Ultima Funcion")

KWAB 4 Big Spring TX 1094 1817 unIds 2-6 (20-kHz CGI to KSBY-6)

1845 KDFW- 4 Dallas TX T1350 1831 XHI? 2 Canal 2 T 846

1847 WBAP- 5 Fort Worth TX T1330 1845 XEW - 2 Mexico DF (double- T1645

1920 KACB- 3 San Angelo TX T1168 1846 XHTV 4 Mexico DF (hop) T1645

1946 KFDX- 3 Wichita Falls TX T1241 1846 XHGG- 5 Mexico DF T1645

21 Es 1228 KMID- 2 Midland TX T1066 1847 MUF 92.1 to DF (double-hop)

23 tr 0833 KMST 46 Monterey CA 1035 130 2000 f/out

850 KQED 9 San Francisco CA 2434 228 2 Es 1335 unId 2 weak s.e.

1046 KTVU 2 Oakland CA 4444 230 3 Es 1920 KMID- 2 Midland TX T1066

24 tr 2315 KMST 46 Monterey CA 1155 130 1927 MUF to ch 3

25 tr 1026 KFSN 30 Fresno CA 2345 165 5 Es 1904 XHCH? 2 ChihuahuaChih(Canal 5)T948

1149 KGSC 36 San Jose CA 1055 190 1905 XHGH? 4 Chih (soccer-Canal 13)T948

1811 KFTV 21 Hanford CA 1335 165 6 tr 1656 KMST 46 Monterey CA 1045 130

1913 KJEO 47 Fresno CA 2245 165 5 Es 1750 XHGH- 2 Chih (Canal 5) T 948

2001 KSBW- 8 Salinas CA 5555 135 (En Contacto, Bonanza)

2104 KMJ -24 Fresno CA 4555 165 1834 XHFI- 5 Chih (comedy) T 948

26 tr 1010 KNTV 11 San Jose CA 4555 175 1900-2000 2-5 unIds Mexico-Texas

1700-1810 trop duct to San Diego 1931 KDBC- 4 El Paso TX T

1713 KGTV 10 San Diego CA 3515 240 XEJ - 5 Ciudad Juarez Chih T

1723 KFMB- 8 San Diego CA 3545 240 2000 KGNC- 4 Amarillo TX T

1803 unId 10 0-kHz CGI to KGTV tr 2056 KBAK 29 Bakersfield CA 4555 100

(not KXTV, Steve? dps) 7 Es 1005-1110 unIds Oregon,Wash,B.C.

28 Es 1725-1745 2-4 unIds 1048 KATU 2 PortlandOR (MUF Ch2)T

1725 KRTV 3 Great Falls MT 990 2012-2200 2-4 unIds

29 Es 1829 unId 2 s.e. (Mexico?) 2024 KCKT 2 GreatBend KS (nx,wx) 1205

30 Es 1800 unId 2 s.e. (Mexico?) 2041 KGNC- 4 Amarillo TX T

1850 XHI? 2 ("Bonanza"SS[VAFI 5555 @ 2132 XHCH- 2 Chih (discussion) T 948

1900], 1910"Rookies"SS[Canal 5net]) 2135 XHIT- 4 Chih(EMovie w/SS subt,T948

There was a lot of Es after Jan. 28th, and it lasted for 5 hours on Feb. 1st with a double-hop into Mexico City Ided on FM. There have been some changes in Mexican TV. There is now a Canal 5 on ch. 2, and a Canal 13 on ch. 4; both of these may be in Chihuahua. There wasn't very much tropo during the month, but trop conditions should improve by March. 73's.

| Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 79228 | | (7 Jan - 8 Feb) | (CST) |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------|--------------------------|
| Equipment: 1971 model Penncrest 9-inch black-and-white with Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor | | | |
| 7 Es | 1145 TGV - 3 Guat T1120 (26)(tr) | 0929 KLNI 15 LA 395 (27)(tr) | 0405 WCKT 7 FL(tp) 1150 |
| | 1212 YSR - 2 ElSal 1200 | WRBT 33 LA 450 | Miami |
| | 1245 f/out | 0930 WBBH-20 FL 1040 | 0435 WFTV 9 FL N1035 |
| | 1735 unId 2 Sp.to south | Fort Myers | Orlando |
| | 1800-30 un.2,4 s.or s.w. | 0950 WGNO-26 LA T 510 | 0441 WTVT 13 FL(cb) 985 |
| | 1905-1930 2 unId | 0959 WXLT 40 FL 990 | Tampa |
| 8 Es | 2150 unId 2 n.e.or n.e.vybrf | Sarasota | 0443 WBBH-20 FL(tp) 1040 |
| 9 Es | 1900-30 unId 2-4 east | 1000 WTOG-44 FL 985 | 0501 WYEA-38 GA(tp) 830 |
| | 2018 XHBC- 3 BGN T1010 | Tampa | Columbus |
| 10 Es | 1735 XHTV 4 DF T 690 | WINK-11 FL T1040 | 0502 WFLA- 8 FL(tp) 985 |
| | 1755: MUF to 98.9 | Fort Myers | Tampa |
| | 1831 XHBC- 3 BGN 1010 | (FLUs inuntill1120 or so) | 0512 WLCY-10 FL T 980 |
| | 1840 KPHO- 5 AZ T 835 | 1820 WBRZ 2 LA 450 | Largo |
| | KVOA- 4 AZ T 750 | 1910 WGNO-26 LA T 510 | 0513 WINK-11 FL(tp) 1040 |
| | 1930 KNXT 2 CA 1190 | 1920 WRBT 33 LA T 450 | Fort Myers |
| | 1859 KOAI 2 AZ 855 | KLNI 15 LA T 395 | 0514 WESH- 2 FL 1055 |
| | 1906 KTVK 3 AZ 835 | 1935 WAPT 16 MS T 525 | Daytona Beach |
| | 1945 f/out | 1945 WAFB- 9 LA T 450 | 0521 WJTV 12 MS(cb) 525 |
| 12 Es | 1700 XHFM- 2 VC T 730 | 1958 WTOG-44 FL T 935 | Jackson |
| | 1722 XHP - 3 Pueb T 720 | Tampa | 0522 KLFY-10 LA(cb) 395 |
| | 1755 XHTV 4 DF T 690 | 2020 KPLC- 7 LA T 325 | 0525 WCTV 6 GA 875 |
| | 1300 f/out | 2030 WMAU 17 MS 470 | Thomasville |
| 14 Es | 1955 KTVK 3 AZbrf.T 835 | WMAH 19 MS(17) 570 | 0528 WAFB- 9 LA(tp) 450 |
| | 2015-2040 3 unId | Biloxi | 0540 WKRG- 5 AL(tp) 630 |
| | 2115 unId 2 brief | 2057 WBBH-20 FL T1040 | Mobile |
| 17 Es | 1205 WTVJ 4 FL T1150 | Fort Myers | 0543 WTOK-11 MS N 620 |
| | 1215 WTHS- 2 FL 1150 | 2104 WXLT 40 FL T 990 | Meridian |
| | 1230 unIds to ch 6 | Sarasota | 0544 KTBS- 3 LA 350 |
| | 1320 f/out w/ch2 to west | 2120 WSWB-35 FL T1035 | 0547 WXLT 40 FL(tp) 990 |
| | 1925 unIds 2,3 n.e. | Orlando | Sarasota |
| | 1959 WCBN- 2 SC 1120 | WMAW 14 MS T 635 | 0548 WJKS-17 FL 1015 |
| | 2010 WEDU 3 FL T 985 | Meridian | Jacksonville |
| | WGIV 4 SC T1120 | 2220 WLTV 23 FL T1150 | 0549 WBRZ 2 LA 450 |
| | 2230 Cuba? 2 | Miami | KATC 3 LA 395 |
| | 2235 f/out | 2230 WMAA 29 MS(17,19) 525 | WWL - 4 LA 510 |
| 18 Es | 2225 unIds 2-4 east | Jackson | 0555 WJCB 20 FL 975 |
| | 2245 f/out | 2320 (NBC)24 (WHTV MS? dpa) | Gainesville |
| 19 Es | 2110 WSAV- 3 GA T1050 27 tr | 0013 WYES-12 LA(s,off) 510 | 0556 WDSU- 6 LA 510 |
| | WCBN- 2 SC T1120 | New Orleans | New Orleans |
| | 2221 WSB - 2 GA 880 | 0032 WSFA-12 AL(s,off) 750 | WALA-10 AL 630 |
| | 2245 WPMY- 2 NC 1175 | Montgomery | Mobile |
| | 2300 f/out | 0035 WRBT 33 LA 450 | 0605 WEAR- 3 FL 685 |
| 20 Es | 1925 unIds 2,3 brief | WVUE 7 LA 510 | Pensacola |
| | 2035 KTVK 3 AZ T 835 | New Orleans | 0626 WMAW 14 MS(tp) 620 |
| | KNBC 4 CA T1190 | 0040 WJHG- 7 FL N 780 | Meridian |
| | 2037 KNXT 2 CA 1190 | PanamaCity(s,off) | WMAU 17 MS(tp) 470 |
| | 2055 KVOA- 4 AZ T 750 | 0100 WLCY-10 FL N 980 | Bude |
| | 2132 XHBC- 3 BGN 1010 | Largo | WMAV 18 MS(tp) 630 |
| | 2140 KOAI 2 AZ T 855 | 0102 WDBO- 6 FL 1035 | Oxford |
| | 2150 f/out | Orlando(new mode) | WMAH 19 MS(tp) 570 |
| 25 tr | 0938 KLNI 15 LA T 395 | 0106 KRIV- 5 TX 225 | Biloxi |
| | 2059 WGNO-26 LA T 510 | 0130 KTBS- 3 LA 350 | WMAO 23 MS(tp) 570 |
| | New Orleans | 0135 KDFW- 4 TX 250 | Greenville |
| | 2159 KLNI 15 LA 395 | 0141 WFAA- 8 TX 250 | WMAA 29 MS(tp) 525 |
| 26 tr | 0025 XHAB- 7 Tamp T 250 | | Jackson |

| | | | | |
|--------------------------|-------|----------------------------|--------------------------------|-----------|
| (27)(tr) 0628 WRBT 33 LA | 450 | (27)(tr) 2059 Montgomery | (1)(Es) 2015 XHBS- 4 Sin | T 700 |
| 0630 KPLC- 7 LA | 325 | 2150 WAGS-25 GA | Los Mochis | |
| 0632 WLOX-13 MS | 570 | 2200 WABW-14 GA | 2030 XHI - 2 Son | 715 |
| Biloxi | | WKAB-32 AL | Cludad Obregon | |
| 0638 WAPT 16 MS | 525 | Montgomery | 2040 f/out | |
| Jackson | | 2215 WGNO-26 LA | 2 Es 1902 WCBSD- 2 SC | 1120 |
| 0945 WABW-14 GA | T 870 | 2229 WYEA-38 GA | WCIV 4 SC | T1120 |
| Pelham | | 2258 WCFT 33 AL | 1905 WSAV- 3 GA | T1050 |
| 0950 WBMG-42 AL | 750 | Tuscaloosa | 1910 f/out | |
| Birmingham | | WINK-11 FL | 3 Es 1945 unIds 2,3n.e.,brief | |
| WBIQ 42 AL | N 630 | 28 tr 0103 WTUV 9 MS | 4 ms 1000 activity rather high | |
| Mobile | | Tupelo | 5 tr 1000 WBRZ 2 LA | T 450 |
| WIIQ 41 AL | N 670 | 0105 KPLC- 7 LA | 1040 WAFB- 9 LA | T 450 |
| Demopolis | | 0110 KDFW- 4 TX | KPLC- 7 LA | T 325 |
| 1005 WHAE 46 GA | T 880 | 1302 KMID- 2 TX | 1200 WRBT 33 LA | T 450 |
| Atlanta | | 1303 KOSA- 7 TX | KBMT-12 TX | 275 |
| 1020 WJSP-28 GA | N 850 | Es 1920 KNBC 4 CA | T1190 | |
| Warm Springs | | 1930 KNXT 2 CA | 1190 | |
| WAAY-31 AL | T 790 | 1935 XHBC- 3 BCN | 1010 | |
| Huntsville | | unId 6 brief | Es 1930-2030 2unIds,vyspotty | |
| 1028 KLNI 15 LA | 395 | 1950 f/out | 2104 KWGN 2 CO | brief 810 |
| WGIQ 43 AL | N 785 | 2025-2100 2,3unIds west | 2135-45 2,3 unIds, n.w. | |
| Louisville | | 29 tr 1320 KBIM-10 NM | 440 | |
| 1035 WFIQ 36 AL | T 735 | KSWB- 8 NM | 440 | |
| Florence | | 30 Es 1635 unIds 2,4 south | | |
| 1101 WACS-25 GA | N 855 | 1745 YSR - 2 ElSal | 1200 | |
| Dawson (//28) | | 1927 KORK- 3 NV | 1050 | |
| WDHN 13 AL | 795 | KOAI 2 AZ | 855 | |
| Dothan | | KVVU 5 NV | T1040 | |
| (Some traces of U's in | | 1955 XHBS- 4 Sin | T 700 | |
| until near 1300) | | 1957 XHBC- 3 BCN | 1010 | |
| Es 1505 Cuba 2 & 3 | | 2007 KNXT 2 CA | 1190 | |
| 1510 unId 4 | | KNBC 4 CA | T1190 | |
| 1530 apx f/out | | 2008 unId 6 Spanish | 8 tr 0650 WRBT 33 LA | 450 |
| tr 1755 WBRZ 2 LA | T 450 | 2015: MUF to 88.3 | WAPT 16 MS | 525 |
| 1815 KTVT 11 TX | T 240 | 2033 KEYS 3 CA | 1270 | |
| KERA-13 TX | T 250 | 2105 f/out | | |
| KXTX-39 TX | T 250 | 31 ms 1258 KCKT 2 KS | 615 | |
| WFAA- 8 TX | 250 | Es 1320 unId 3 brief | | |
| 1845 WAFB- 9 LA | T 450 | 1930-55 un's2 to south | | |
| 1855 WAPT 16 MS | T 525 | Fl Es 1740 unIds 2,3 | | |
| Es 1915-1945 2,4? unId | | 1759 KTVQ 3 MO | 835 | |
| tr 1945 WRBT 33 LA | T 450 | WBAY- 2 WI | 1190 | |
| WHAE 46 GA | T 880 | 1905 f/out | | |
| WIIQ 41 AL | T 670 | 1935 unIds 2,3 east | | |
| WAIQ 26 AL | T 750 | 1958 WPBT 2 FL | 1150 | |
| WMAA 29 MS | T 525 | 2000 Cuba? 3 | | |
| 2059 WCOV-20 AL | N 750 | 2005 Cuba? 2 | | |

Without question, the highlight of this period was the phenomenal Jan 26-27 tropo ducting across the Gulf. Although longer periods have been noted (May 1973, e.g.) and similar distances attained (Mar 30-Apr 1, 1974, also Nov 2, 1973), the effects may well have been the most intense in at least five years (Apr 1970) or perhaps as far back as 1965 or 1963's Aprils.

Whenever the temperature here in January (or Feb) gets into the 30's it is almost axiomatic that there will be extensive inversion formation with ducting (much like the Jan 24, 1972 openings). As before, the land path ducts "burn off" sooner than the water paths (which leads one to wonder if the coast of TX had a path all day to FL on the 26th and 27th). The sudden late-morning Ch 20 from FL on the 26th was very unexpected.

Ducting effects frequency-wise extended down to 50 MHz with FL signals (as well as the closer LA, MS, AL).

Es the night of the 27th served only to confuse many as to the mode of propagation on 50 MHz, as the Es was into the Miami area, while the UHF ducting had moved largely inland to AL and GA. 73, WA5IYX.

Best of DX to all

Dennis

DXERS' QUIZ

(subtitled: Do You Know Your Fellow DXers As Well As You Think You Do...?)

Compiled by Clarke W. Ingram

BEFORE YOU BEGIN this quiz, ask yourself a simple question: How thoroughly do you read your copies of the VHF-UHF Digest? Most of you reading this probably have answered affirmatively, but just how well do you pick up little things...for instance, a DXer's method of ending a column or identifying a comment inserted during a reporter's discussion? That, fellow DXers, is what this little offbeat quiz is all about; for, you see, this is a quiz about DXers as well as for them. Below you'll find to the left twenty sets of initials, salutations, phrases, etc. connected with a particular DXer. To the right are facts concerning these same twenty DXers. Your task: match the appropriate statement on the right to its correct "slogan" on the left. We're sorry all DXers could not be listed; first of all, some have no distinctive phrase, and this would be a pretty long quiz if it had 300 questions, hi! The answers follow the quiz (don't peek...!) There is no "grading scale"; just take a stab and see how well you do.

- | | |
|-----------------------|-------------------------------------|
| 1. LTV | A. President of CADCO |
| 2. WA5IYX | B. Lives in Buffalo, NY |
| 3. dp | C. One of them visited Delhi |
| 4. Until the next | D. His girlfriend's name is Mary |
| 5. KRS | E. TV-CCI editor |
| 6. 73 and peace | F. Author of "The Haunting DX" |
| 7. wd | G. VHF Utility DX editor |
| 8. -30- | H. Ran amok in San Jose |
| 9. 73 in 73 | I. Switched columns with Ruland |
| 10. Happy DX | J. Statistics editor |
| 11. MSG | K. His house burned down in April |
| 12. M & J | L. Previous VUD editor |
| 13. Best of DX to all | M. 1973 ANARC Man of the Year |
| 14. Good tropo | N. Teaches at Adelphi University |
| 15. CWI | O. Interim FM South editor |
| 16. 73, Les | P. 1974 WTFDA convention host |
| 17. bt | Q. Moved from San Antonio to Austin |
| 18. Happy streaking | R. New Central TVDX editor |
| 19. REW | S. Evaluated Alliance rotors in VUD |
| 20. 73, Bruce | T. Has logged 640+ TV stations |

so how did you do?

- | | |
|-------------------------------------|----------------------|
| 11-L (Mortie Goldman) | 1-O (Larry Vogt) |
| 12-C (Mark Lewis & J. J. Rosenberg) | 2-G (Pat Dyer) |
| 13-K (Dennis Park Smith) | 3-P (Dave Pomeroy) |
| 14-T (Bob Seybold) | 4-J (Glenn Hauser) |
| 15-F (Clarke Ingram) | 5-H (Ken Simon) |
| 16-E (Les Prus) | 6-I (Roger Brown) |
| 17-B (Bill Thompson) | 7-R (Bill Draeb) |
| 18-D (Greg Kelley) | 8-A (Bob Cooper) |
| 19-N (Richard Wood) | 9-Q (Terry Colgan) |
| 20-M (Bruce Flving) | 10-S (Dave Janowiak) |

WTFDA '75

:SOUTHERN · F M D X:

Ted Fleischaker
3023 Tremont Drive
Louisville, KY 40205.
(502) GL4-4877.

March, 1975

Deadline: 12th

Almost nothing to report from the south this month as have just one report in addition to my own, and both reports lack one important thing--stations!

Hank Holbrook, 7211 Chestnut Street, Chevy Chase, MD

DXing from our cottage in Fair Haven, MD, overlooking the Herring and Chesapeake Bays, 15 miles below Annapolis, MD. Only three stations reported since my last column last fall. Seldom get to the cottage during the winter months. Logged and reported, including power listed in verie:

| | | | | | | |
|-----------|------|------------------------------------------|-----------|--------|-------|---------------------------------------------------------------------------------------------------------------------------------|
| 91.3 mc/s | WTSR | Trenton, NJ | 140 miles | 1.5 kw | 11/2 | 1829-1930 Had just moved from 91.3 mcs 11/1. Power to 1.5 kw \$. |
| 89.7 mc/s | WRNV | Annapolis, MD (Naval Academy Station) | 15 miles | 15 w | 11/29 | 1358-1425 Strong. Rock w/information ann. on Naval Academy. Fine ltr verie. 10 w output to 140 ft antenna. Plan \$ in 6 months. |
| 104.3mc/s | WDJQ | Baltimore, MD | 40 miles | ---- | 01/25 | 1227-1300 Rock. Super "Q" x-WITH-FM. |

Verifications now from 718 FM stations in 34 states and from Ontario, Quebec and Manitoba, plus Bermuda, Cuba and Puerto Rico. Equipment is Scott 310E FM tuner (with 310C tuner as standby--both old tube sets but do the job!) Used with Blonder-Tongue FM booster. Antenna--Finco single bay FM yagi, about 110 feet above the water, as our cottage is situated near the top of a hill overlooking most of the homes in the area.

Ted Fleischaker, 3023 Tremont Drive, Louisville, KY 40205.

| | | | | | |
|------------|------|---------------|------|------|---------------------------------|
| 104.5 mc/s | WHIN | Gallatin, TN | 2/14 | 2345 | ID w/Rock music. |
| 91.9 mc/s | WUOT | Knoxville, TN | 2/16 | 0200 | music w/ s/off at 0201. U of TN |

Though little to report with stations, got a new antenna installed 2/15 with additional height, rotor. Now have Winegard SC-650 at 28 feet, rotor, Soundesign 4 channel stereo receiver. Antenna system is 75 ohm, but no preamp due to the nearby local stations (several w/in 5-10 miles). Also installed 2 new TV antennas of Winegard SC series (UHF-and-VHF on separate antennas), so have been busy and did little DXing this month.

That's it for March--let's hear from more of you guys in the south next month. Save your Veries (and Dixie Cups) the South will rise again!!

Till April,

73s,
Ted.

NORTHERN FM DX



Edward Barboni WN3YUP
50. S. Montgomery Ave.
Norristown, PA. 19401
DEADLINE THE 10th.

*****Support WTFDA, Send In Your Reports.*****

Fred Nordquist - 302 Sandra Lane - N. Syracuse, NY 13212 (EST) 12/13-1/23

DX:
12/13 2345 WDRM 102.1 Decater, AL. Geminids MS w/Huntsville Wx/Nx.
12/14 0059 KWTO 98.7 Springfield, MO. w/ID on 3 sec. MS burst.
12/21 2200 WXXI 91.5 Rochester, NY. New, w/NPR.
12/24 1220 WBYL 90.5 Baldwinsville, NY New TT/ID - Antenna is 20' atop
CW Baker HS. (3 stories).
12/25 1900 WYSL 103.3 CL change. //AM MPX Buffalo, NY (Former WPHD)
12/26 1743 WQCM 96.7 Halfway, MD. w/ads. via airplane flutter.
1/4 0108 WTLB 107.3 Utica, NY. //AM (former WZOW) rr
1/11 0030 WWOM 100.9 Albany, NY. (w/WEZG off) w/MOR.
1830 WDBN 95.1 Medina, OH w/MoR MPX ID (w/WNIV off)
1/12 2110 WJFM 93.7 Grand Rapids, MI. via AU. "Music for the two of us"
1/23 2215 WAVR 102.3 Waverly, NY. New MPX pop Mx (NY #130)

Larry Weil - 14 Thixton Ave. - East Rockaway, NY 11518(EST)12/28-1/12
WB2YYY Tuner - Kenwood KT-8005 with Rabbit Ears.

DX:
12/28 0007 WRSU 88.7 New Brunswick, NJ. w/ID,PSA. 125ft, 1350 watts (45)
0010 WMMR 93.3 Phila, PA. w/ID, Prog Rock. (90)
0011 WYSP 94.1 Phila, PA. w/ID & Rock (90)
0017 WWDB 96.5 Phila, PA w/ID Jazz Mx. (90)
0030 WFPG 96.9 Atlantic City, NJ. w/ID,Budwiser Beachcomber Show 95
0106 WRCP 104.5 Phila, PA. W/Wx Rpt. (90)
0120 WDAS 105.3 Phila, PA. w/soul Mx. (90)
2300 WSTW 93.7 Wilmington, DE w/id "Stereo 93.7" MoR, NBC Nx.(125)
12/29 0006 WFCR 88.5 Amherst, Mass. w/ID, Jazz Pgm. (130)
0134 WRTI 90.1 Phila, PA. w/ID, Soul Mx. (90)
0145 WCAU 98.1 Phila, PA. w/ID, "Golden 98" Solid Gold Rock (90)
0149 WBSA 103.3 York, PA. w/ID,MoR "Stereo 103"
1/10 2320 WDLG 96.7 Pt.Jervis, NY. w/ID over local WYRS. (70)
1/11 0110 WVIA 89.9 Scranton, PA. w/ID "Musicalle" class.Mx (106)
1/12 1650 WMSC 90.3 Upper Montclair, NJ 10 watter w/class Mx, ID (33)

Edward Barboni - 50 S Montgomery Ave - Norristown, PA 19401 EST 12/24-1/18

DX: All new to log. 12/24 stns hrd w/WIFI off.
12/24 1103 WRHY Starview, PA 92.7 w/Nx, ID. (65)
Hrd w/WIFI off, Wifi Xmtr. (50Kw) 1/2 mi. away.
1112 WLPL 92.3 Baltimore, MD w/rr w/WIFI off. (85)
1116 WHOM 92.3 N.Y. NY. in MPX w/EL. (90)
1122 WOBM 92.7 Toms River NJ. w/MX&ID (70)
1339 WCTX 92.1 Palmyra, PA. (60)
1632 WYZZ Wilkes Barre, PA 92.9 in Quad MPX ID'S as 50KW not 7500W,
also using 25us Dolby system. "Stereo Center" (85)
1808 WMPH 91.7 Wilmington, DE 10 watter w/rr (35)
12/27 2052 WHBI Newark, NJ next to local WWSH 106.1 fair w/rr (80)
2101 WDHA 105.5 Dover NJ w/ID next to local WDAS 105.3 (85)
2220 WQXA 105.7 York, PA. Waited long time for ID, Used "Q-106" or
"Q-Rock" most of the time. (75)
1/6 1350 WVVE 91.5 Norristown, PA NEW 10 watt w/interview then rr
new on air off at 2:30 PM weekdays "The voice of
Vocational Education"
1/18 1524 WNNN 101.7 Canton, NJ w/rr

Peter Sawatzky - 363 Erb St. W. -APT 6- Waterloo Ont. Canada N2L1W4

Tuner - Heathkit AJ-15 Antenna - Archer Twin-Drive FM 15-8205
at 42'

- 10/17 0700-1200 WAIA 97.3 Miami FL (1205) Tentative with
MS unclear ID (received on MS tape setup)
- 10/21 2114 WBBY 103.9 Westerville OH (265) ID, local geo-
Tr graphical references
- 10/27 0924 WBBI 90.1 Chicago IL (375)
Tr
- 10/28 2012 WPIZ 105.5 Connecticut OH (110) Gospel Mx., album
Tr giveaway, local geographical references
- 2108 WCIV 105.1 De Ruyter NY (235) CBN programming
identical to WBIV
- 10/29 1754 WCVO 104.9 Gahanna OH (275) ID
Tr 1829 WLSR 104.9 Lima OH (265) ID: "WLSR, Lima, Ohio,
with mx. for the good life."
- 10/30 2157 WHHO 105.3 Hornell NY (165) Hornell Art Museum
Tr Fund, Wx., ID, jazz
- 10/31 0651 WCLW 105.3 Mansfield OH (215) Political ad, Wx.,
Tr Brown for state rep.
- NOTE: Stations received 10/28-10/31 due to local CPCA 105.3
being off air due to transmitter fire and later at reduced
power.
- 11/3 0958 WONC 107.9 Syracuse NY (215) Spot for Syracuse
Tr Symphony Orchestra
- 11/5 0700-1200 WWIL 97.3 Wilmington NC (655) "...public ser-
MS vice of superboss radio, WWIL..." (received
on MS tape setup)
- 11/6 0659 WBWA 107.3 St. Petersburg FL (1085) Almost half-minute
MS burst with male doing spot for 1st National
Bank in St. Petersburg
- 11/13 0700-1200 WSLQ 99.1 Roanoke VA (430) Lucky burst, only
MS taped "...WSLQ..." clearly (received on MS
tape setup)
- 11/21 0639 WESC 92.5 Greenville SC (605) "...before 7 on WESC..."
MS
- 11/23 0547 WSEN 92.1 Baldwinsville NY (210) CM, Southern
Tr Mattress Co., Wx.; heard before CKPC 92.1
Brantford on air
- 12/1 1441 WELA 104.3 East Liverpool OH (200) Wx., ID (ex-WRTS,
Tr received 1st time by new calls)
- 12/8 1005 WRKY 103.5 Steubenville OH (215) Church program,
Tr WSTV/WRKY ID (ex WSTV-FM, received 1st time
by new calls)
- 12/9 2133 WNAV 99.1 Annapolis MD (375) ID: "...WNAV, Ann..."
MS
- 12/11 2130 WMOD 98.7 Washington DC (360) ID: "You're listening
Tr to classical rock'n'roll, WMOD, Washington,
D.C.", rock.
- 12/12 0715-1500 KSWT 107.7 Topeka KS (840) ID: "...SWT..."
MS (received on MS tape setup)
- 0715-1500 KWIC 107.7 Beaumont TX (1175) Sung ID: "...
big 108...Beaumont..." (received on MS tape
setup)
- Both 12/12 107.7 MS receptions 1st's for that frequency
according to old "Statistics" columns.
- 12/13 Lots of MS from Geminids in late evening, but unlucky
with ID's.
- 12/17 1830 Light Au, nothing ID'ed

FM-NORTH continued at bottom of next page...

WESTERN FM DX

EDITOR: ROGER S. HORIE
P.O. BOX 784
MISSOULA, MT 59801
TEL: (406) 549-5365
DEADLINE: 10th MONTHLY

March 1975

..Report...

...Support WTFDA

Pat Dyer, WA5IYX, 5315 Silvertip Drive, San Antonio, TX 78228 (8 Jan-8 Feb) (CST)

Allied 426: Hallicrafters SX-62 with International Crystal SAX-1 preamplifier(s): Archer V-100 antenna at 20 feet with rotor.....(new underlined; new mode)

10 Es 1758 tent XHM 88.9 Mexico City, DF, 690 27 Tr 0316 WRNO 99.5 LA New Orleans, ad 510
 26 tremendous tropo opening but spent 0350 WJMI 99.7 MS Jackson, soul, ID 525
 most of it with the UHF-VHF TV 0400 WRBQ 104.7 FL Tampa, ID, (prior 985
 by Es)

Tr 2035 WPCS 89.3 FL Pensacola, ID 685 0430 WQUE 93.3 LA New Orleans, EL, ID
 2038 KQXX 98.5 TX McAllen, ID 225 even though the Monday morning low act
 2050 KUFO 106.5 TX Galveston, ID 225 ivity (due to weekly mxtr shut down
 2102 WDCM 106.7 FL Leesburg, ID, 1000 etc.) I probably missed a lot of new
 (prior by Es) FM's due to my concentration on UHF Tr

2106 KCIL 107.1 LA Houma, ID, c&w 475 30 Es 2016 tent KSIS 88.3 CA San Diego 1120
 2125 WLCY 94.9 FL Tampa, ID, MoR 985 8 Es 0907 tent WIAA 88.3 MI Interlochen 1255
 2134 KKYR 93.3 TX Port Arthur, 280 news
 c&w, ID WHA 88.7 WI Madison, cx mx 1065
 2159 WCKM 92.3 LA La Place, ID, 495 WPNE 89.3 WI Green Bay//88.7 1090
 \$ 92, (prior by Es) 0930 WHIA 90.3 WI Holmen//88.7 1090
 27 Tr 0145 WMEZ 94.1 FL Pensacola, ID, 685 0934 WDOR 93.9 WI Sturgeon Bay, ID 1225
 \$ 94, EL 0940 WTMB 98.9 WI Tomah 1100
 0159 WEEZ 97.1 LA New Orleans, ID 510 0959 WHSA 89.9 WI Brule, ID 1235
 0200 KAYD 97.5 TX Beaumont, ID, EL 275 1000 WCAL 89.3 MN Northfield, wx 1080
 0215 WKRG 99.9 AL Mobile, ID, \$100630 1007 f/out to
 0219 WJLZ 96.3 CA Albany, ID, soul 870 1033 tent KSJN 90.1 MN St Paul 1110
 (prior by Es) soon out
 0230 WREL 105.3 LA Slidell, ID, soul 530 1133 unIDs 88.9, 90.3
 0257 WBEA 107.3 FL St Petersburg 975 1140 tent WSCI 89.3 SC Charleston 1120
 ID, (prior by Es) svrl unIDs between 0930-1000

0301 WBJW 105.1 FL Orlando, nx, ID 1035
 0305 WBCM 98.9 FL Tallahassee, 855
 CBS news-tent
 0307 WQYK 99.5 FL St Petersburg, ID
 0311 WRELE 105.9 FL De Land, ID, 1035
 c&w (prior by Es)

--likely more of this on next report
as deadline now--
73, Pat, WA5IYX

Steven C. Wiseblood, 707 Loma Way, Santa Maria, CA 93454 (1 Feb) (EST)

Pioneer SM-Q300B: Symphonic \$ rx: FM-4G @ 20 feet: Finco 65-7 booster.....
 1 Es 1847 XHFO 92.1 Mexico, DF, MoR, 1645 1 Es XHM 88.9 Mexico, DF, upbeat MoR, 1645
 (rapid fading/distortion) (Latin Hits) (fading/distortion)

Two new stations this month on a 2-hop into Mexico, my first double-hop on FM. There was some tropo up to 245 miles during the month, mostly into Sacramento and San Diego-Tijuana. I now have 262 stations and 130 by Es. 73's..

+++++

FM-NORTH

MARCH 1975.

Tony Ward - RR4 - Guelph, ONT*CANADA N1H6J1 EST - K/10-12/28

DX:

10/10 2255 WKWK 97.3 Wheeling W.VA. pop rock, ID, Wx.
 Tr 2332 WUGN 99.7 Midland, MI. "Creative Christian Broadcasting,
 100KM stereo" Mor relig.
 10/13 1334 WGRD 97.9 Grand Rapids (all GR now HRD) pop, ID.
 Tr 1630 WFTC 104.9 Alma, MI ID & Mx.
 1701 WRUR 88.5 Rochester, NY. w/ID, folk Mx.
 10/28 0807 WSTB 91.5 Streetsboro, OH w/WCLN off
 11/10 1030 WIEQ 98.7 w/ ID & MoR
 11/20 1930 WRTI 90.1 Philadelphia, PA. w/Nx, ID, Rock & Jazz
 12/24 1340 WXXI 91.5 Rochester, NY "Our 1st week of WXXI on FM"
 12/26 1100 CBL 94.1 Toronto Ont. 1000w Emergency.
 12/28 0910 CKOT 101.3 Tilsontown, "The sound of Beautiful Mx on 100.5 &
 101.3" Both old and new.



VHF UTILITY DX

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

MARCH 1975

Paul E. Petosky, 712 Brook St., Munising, MI 49862 sends word that KIG 66 on 162.55 MHz would be active as of 1-9-75 with 330 watts out of Marquette with an expected coverage radius of 50 miles.

Robert Hartmann, 16 Marvin St., Mayville, NY 14757 GMT

1-13: 2304, - 121.-- nr Buffalo, NY (American 309; 727)
2306, - 134.-- nr Cleveland, OH (United 712)
2307, - 133.-- nr Toronto, Ontario, Canada (Air Can. 734)
2308, N2146P 130.-- nr Cleveland, OH
2310, - 130.-- nr Cleveland, OH (Jetstar 1620)
2312, - 133.-- nr Cleveland, OH (American S.; 707)

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20015 QSLed; GMT

7-25: 0141, KAJ 726 37.10 Indianola, IA (police)
0150, K-- --- 37.10 Benton, AR (police)
10-18: 2043, N7959P 119.7 11 mi n Balt. (Mr. John C. Neamtz; Piper PA-24 Comanche 250; single-engine; 4-seat) nw Annapolis (Hop Flight, Inc.; Cessna 150)
26: 1441, N1614Q 119.7 40 mi ne Balt. (Edward G. Gordon Co., Inc.; Cessna 182; 1-engine, 4-seat; 6500 feet)
11-2: 1701, N71884 119.7 ov Ches. Bay Br. (Bay Land Aviation, Inc.; Grumman American; 1-eng, 2-seat trainer)
1730, N9629L 119.7 w DC ov Blue Ridge Mountains (TWA Flt 183; Boeing 727-31; 25 watts)
3: 1532, N7893 118.1 ov Lee Field, Annapolis (Air Services, Inc.; Beech Bonanza; 1-engine; 5 watts)
1704, N7937M 119.7

Now, my loggings. Hallicrafters SX-62 with 2 long-wires (30' at 12' with ne-sw and nw-se runs); all F2 mode (* backscatter) unless noted otherwise, with daily peak MUF listed (for US if near or over 31 MHz); GMT used; new underlined

| | | | | |
|--------------------------------------|-----------|---------------------------|------------|---------------------------|
| <u>1-13:</u> 1810, 34.89 | 1: | 2320, <u>KSF 947</u> (Es) | 8: | 1711, <u>KQI 316</u> (Es) |
| <u>14:</u> 0432, KFL 936 (Es) | | 2328, <u>KSB 423</u> (Es) | | 1714, <u>KSC 645</u> (Es) |
| 1840, 32.000 | | 2335, <u>KAF 245</u> (Es) | | 2000, <u>KQC 877</u> (Es) |
| <u>15:</u> 2040, 30.02 | <u>2:</u> | 1910, <u>KMA 829</u> (Es) | <u>9:</u> | 1827, <u>KAI 927</u> (Es) |
| <u>16:</u> 1930, 30.22 | | 2035, 32.000 | | 1940, 36.45 |
| <u>17:</u> 1925, 35.28 | <u>4:</u> | 0309, <u>KIQ 999</u> (Es) | <u>10:</u> | 1845, 40.000 |
| <u>19:</u> 1618, <u>KQC 884</u> (Es) | <u>5:</u> | 1945, 33.17 | | 1925, 31 + US |
| <u>20:</u> 2220, <u>KQD 607</u> (Es) | <u>6:</u> | 1700, 33.32 | | 2003, <u>KKV 690</u> * |
| <u>21:</u> 0436, <u>KFL 936</u> (Es) | <u>7:</u> | 0213, <u>KAI 927</u> (Es) | <u>11:</u> | 1940, <u>Los Ang</u> (Es) |
| 1729, <u>KSJ 815</u> (Es) | | 0324, <u>KDN 407</u> (Es) | | 2002, <u>KMA 829</u> (Es) |
| <u>27:</u> 0051, <u>KFL 943</u> (Es) | | 1717, 38.50 | | 2100, 41.000 |
| <u>2-1:</u> 1615, 33.00 | | 1750, <u>KQD 313</u> (Es) | <u>12:</u> | 1625, <u>KIE 953</u> (Es) |
| 2258, <u>CAA 958</u> (Es) | | 1823, <u>KFJ 891</u> (Es) | | 2005, 31 + US |
| 2314, <u>KSB 229</u> (Es) | | 1945, 30.80 US | | 2010, 41.000 |
| 2317, <u>KSA 775</u> (Es) | <u>8:</u> | 0109, <u>KSC 645</u> (Es) | | 2115, <u>BBC</u> |

| | | | |
|---------------|------------------|---------------|------------------|
| KAA 958 42.06 | Rolla, MO-sp | KIQ 999 35.34 | Mobile, AL |
| KAF 245 43.58 | Kansas City, MO | KKV 690 35.62 | Houston, TX |
| KAI 927 35.34 | Denver, CO | KMA 829 35.58 | San Diego, CA |
| KDN 407 35.22 | Co. Springs, CO | KQC 877 35 + | Cincinnati, OH |
| KFL 936 35.58 | (west) | KQC 884 35 + | Detroit, MI |
| KFL 943 35.58 | Las Vegas, NV ** | KQD 313 35.50 | Dayton, OH |
| KFJ 891 35 + | Columbus, OH | KQD 607 35.50 | Grand Rapids, MI |
| KIE 953 35.58 | Atlanta, GA | KQI 316 33 + | Cleveland, OH-f |

VHF UTILITY DXMARCH 1975

| | | | | | |
|---------|-------|--------------------|---------|-------|--------------------|
| KSA 775 | 42 + | Macomb, IL-sp | KSF 947 | 42 + | Pecatonica, IL-sp |
| KSB 229 | 42 + | Rock Island, IL-sp | KSJ 815 | 35.22 | Fort Wayne, IN |
| KSB 423 | 42,38 | Minocqua, WI-sp | - | 35.46 | Los Angeles, CA-mp |
| KSC 645 | 35.58 | Chicago, IL | BBC | 30.52 | Ascension Is.-ha |

f-fire; mp-mobile phone; sp-state police; ha-h.f. harmonic;
rest are A2 tone pagers, except ** tone message and voice ID

Jan 1975 Ottawa 10.7-cm solar flux and Fredericksburg (VA) A-Index

| | | | | | | | | | | | | | |
|----|----|----|-----|----|----|-----|----|----|-----|----|----|-------|------|
| 1: | 81 | 5 | 9: | 83 | 8 | 17: | 77 | 25 | 25: | 73 | 5 | Avg.: | 77.5 |
| 2: | 78 | 2 | 10: | 83 | 6 | 18: | 78 | 19 | 26: | 73 | 4 | | |
| 3: | 80 | 6 | 11: | 84 | 3 | 19: | 77 | 11 | 27: | 72 | 11 | | |
| 4: | 77 | 16 | 12: | 85 | 4 | 20: | 76 | 9 | 28: | 73 | 9 | | |
| 5: | 76 | 18 | 13: | 83 | 24 | 21: | 77 | 6 | 29: | 73 | 7 | | |
| 6: | 76 | 14 | 14: | 80 | 24 | 22: | 76 | 5 | 30: | 73 | 7 | | |
| 7: | 78 | 30 | 15: | 80 | 11 | 23: | 75 | 8 | 31: | 72 | 17 | | |
| 8: | 80 | 25 | 16: | 79 | 16 | 24: | 73 | 10 | | | | | |

Transequatorial scatter (TE) - this subject was meant to have been discussed about a year ago when I ran the mini-series of items on F2 VHF DX propagation modes.

TE was discovered by radio amateurs in the late 1940's (Cycle 18) and was intensively studied as part of the IGY (Cycle 19).

It was found to be associated with the ionogram phenomenon known as "spread F", wherein the echo is spread out in duration to several times the length of the original pulse. This implies some sort of scattering by irregularities in the F-region.

These irregularities form at or after sundown near the geomagnetic equator. On oblique paths the most pronounced effect on the signal is the rapid flutter (10 Hz or more, but not as bad as auroral flutter).

It has been found that the TE may well affect frequencies as high as 1.5 times the daytime F2 peak MUF in the region. During sunspot peaks TE may last at 50-MHz for a considerable time past local midnight.

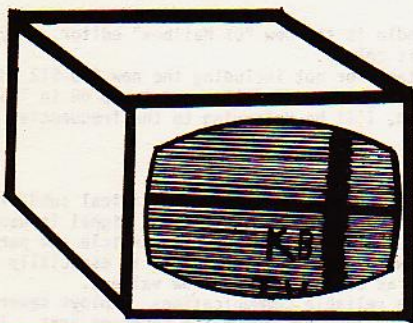
The best paths are those that cross the geomagnetic equator at almost right angles (e.g., Central America to South America, Japan to Australia etc.). The best time of year is near the equinoxes (Mar and Sept). With the Mar-April period there is often enough Es around to permit paths to link up from the southern US to an already ongoing TE event in Central America.

However, North America is likely one of the poorest places for TE as the geomagnetic equator dips so far south over South America (well under the geographic equator) compared to other locales (geomagnetic equator north of geographic from about Hawaii to North Africa).

Unlike normal F2 modes, TE may not exhibit obvious effects on the lower frequencies, for example, 50-MHz "open" when 35-MHz apparently not. Thus there is not a simple, reliable way to see a TE "MUF". (Although Bob Cooper found that the flutter fading in the Virgin Islands was likely due to a very rapid swing in the MUF of the path).

It has been suggested that one of the reasons of a lack of low-VHF TV channels in southern South America was because of the mutual CCI that would occur with the Venezuelans etc with the almost nightly TE down there many months of the year.

73, Pat WA5IYX



Frank Aden, Jr.
448 NE Olney Ave.
Bend OR 97701

TV CCI

Deadline 10th of the month
MARCH 1975

Since this is my first column I should introduce myself. I am 21 years old and currently attending Oregon State University majoring in Electrical Engineering. I have been a member of WTFDA since May 1970. I started DXing CCB in 1966, SW in 1967 and TV-FM in 1969.

My home phone number is 503-389-5488. At school it is 503-754-2866. I can not accept collect calls at the school number. I am at home on most weekends but at school the rest of the time.

When reporting to TV-CCI please try to use the form as shown in the fictitious example below.

Mon Jan 23 Es ch 3 2330 EDT - - add for Henry's Sports Store then "Q-3" News.
PTA: TX,IA,FL.

It would be appreciated if everyone would keep their TV Guides so they can refer to them when checking out the unids listed in TV-CCI. If you do id a station please send the DXer reporting it a card or letter. A negative id can be just as important as a positive id as it does rule out some stations. This helps narrow the possible stations down.

If you obtain TV Guides or other schedules of your regular skip areas you can do much of the iding of unids yourself. You can help others id stations by taking notes of your locals characteristics as listed in TV-CCI AIDS in the Jan. VUD

One of the best ways I have found in iding unids is by the Telephone information service. By calling 1-area code-555-1212 you can check to see if certain cities have stores and etc. heard over your DX stations. The service is free.

The different designs stations use in their ids, letterheads and in TV Guides can be helpful in telling what you have seen if you take note of who uses what designs. They can create problems as some stations use markings that are very similar. One example is the one here of KIVI ch 6 In Nampa, Idaho. KPVI ch. 6 Pocatello, Idaho is owned by the same owners of KIVI and they use almost the same design for both stations.



73's Frank

As you're probably aware, John Zondlo is the new "DX Mailbox" editor, Thus, I'm now devoting full-time to producing this column.

Incidentally, I've been taken to task for not including the new 470-512 MHz public service frequency assignments in my listing of bands I'll concentrate on in "PSS." In the future, when I speak of the UHF band, I'll be referring to the frequencies from 450-512 MHz.

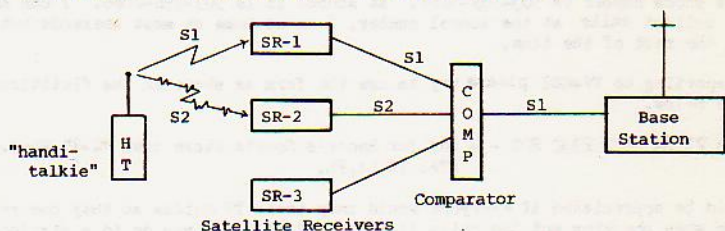
RECEIVER VOTING SYSTEMS

A major problem with VHF and UHF communications in large political subdivisions (cities, counties and states) is that although the base station's signal is usually powerful enough to cover most or all of the area, lower powered vehicle and personal "handi-talkie" radios may not be heard with their replies. This is especially true if the units are in poor signal areas such as buildings or narrow valleys.

One arrangement which provides more reliable communications employs several "satellite" receivers for each channel, scattered throughout the coverage area. The satellite receivers decrease the distance from the mobile units to the nearest receiver, compensating for the lower transmitter power and for poor signal areas. Radio links or wire-lines are then used to carry the signal to the base station or mobile-repeater.

Since it is likely that several satellite receivers could pick up the same transmission, producing a poor or unintelligible signal, some method must be used to select the one signal with the highest quality.

This process is called "voting", and the device which carries out the operation is known as a "comparator." A block diagram of a receiver voting system might look like this:



The three selection methods the "comparator" may use to select a signal are: audio quality (least distortion), signal strength, and quieting level (least noise).

INDUSTRIAL RADIO SERVICE

The Industrial Radio Service is divided into nine sub-services, composed of businesses engaged in the manufacture or trade of goods and services:

- Power RS--Businesses engaged in generation, transportation, and distribution of electric energy; distribution of gas; and distribution of steam or water by pipeline, canal, etc.
- Petroleum RS--Firms engaged in the prospecting, producing, collecting, refining and transporting by pipeline of petroleum products.
- Forest Products RS--Industries engaged in tree logging, farming or related wood operations, and manufacturers of wood products.
- Motion Picture RS--Those engaged in the production of motion pictures.
- Press Relay RS--Persons engaged in publishing a newspaper or in the operation of an established press association.
- Special Industries RS--Farming and ranching, heavy construction, mining operations and other specialized services.
- Business RS--Persons engaged in business activities; educational and philanthropic institutions; clergymen and ecclesiastical institutions; hospitals, clinics and medical associations.
- Manufacturers RS--Those involved with the mechanical or chemical transformation of raw materials into new products, employing power-driven machinery and materials-handling equipment.
- Telephone Maintenance RS--Common carriers engaged in providing a wire-line and/or wire-line and radio service for hire. May be used only for construction, repair and maintenance activities.

Next time, we'll look at the Domestic Public Radio Service.

PUBLICATIONS

Each state is divided into planning regions, with responsibility for intergovernmental coordination given to regional Councils of Government. Many of these COGs (in Texas, all of them) have produced regional master plans for law enforcement communications. These plans detail system design, including everything from antenna type and height, to the number of battery chargers needed by each agency. A check at your city hall or county courthouse should yield the address of the COG serving your area. It may take some work to get a copy of the regional plan, but I guarantee it'll help your understanding of commo systems immeasurably.

Last column we briefly discussed the CRB directories; this month we'll look at the "Police Call" Fire/Emergency Radio Directories available from Police Call, Lebanon, NJ 08833. The directories divide the lower 48 states into nine regions, each covered in a separate volume. Each book contains alphabetical location listings, and listings by frequency (with calls arranged alphabetically for each frequency). The volumes sell for \$5.75 each which includes first-class postage. Write the publisher for a list of states covered in each volume.

My experience with the "Police Call" books has been very satisfactory. They're the only easily usable listings for DXing on the market. Unfortunately, last year the volumes sold for \$4.45 each. But, if you want the information, I guess you'll just have to pay the price.

EQUIPMENT

If you're thinking about junking an old low-band VHF receiver or purchasing a new scanner because the local agencies have gone to UHF, think again. The E.F. Johnson Co., Waseca, MN 56093, has a UHF converter-VHF preamp that looks promising. The unit converts 450-470 MHz signals to 30-50 MHz and amplifies both 30-50 and 150-174 MHz signals. The unit connects between your existing antenna and the receiver's antenna terminal, and to any 12 vdc power source.

At last report, the converter/preamp sold for \$49.95.

CONTEST #1

Match the public-safety frequency band with the year it went into service:

- | | |
|----------------|---------|
| 1. 1.5-3.0 MHz | a. 1931 |
| 2. 30-50 MHz | b. 1954 |
| 3. 152-174 MHz | c. 1949 |
| 4. 450-470 MHz | d. 1935 |
| 5. 470-512 MHz | e. 1944 |
| | f. 1957 |
| | g. 1971 |

Deadline is May 1, 1975. The prize (such as it is) is a detailed listing of Austin and Travis County public safety stations. What have you got to lose???

MYSTERY STATION #1

Does anyone have any information to offer on WG5, "Lincoln Area Center," on approximately 38.9 MHz? The station has been heard by Rick Stein in NJ and me in San Antonio. When I received the station, it was broadcasting a severe weather warning for the Lincoln, NE area, so perhaps it's a National Weather Service or Corps of Engineers station (38-39 MHz is allocated to U.S. Government stations). Any help will be greatly appreciated.

HELP!!!!

Word has it that Gene Hughes, editor of the "Police Call" series writes a public safety monitoring column called "Now Hear This" in CB Magazine. I've been unable to find a copy of the magazine locally, and would appreciate it if someone would send me a recent copy so I can see what the column looks like. Also, I'd like to borrow a copy of the July, 1962 Newark News Radio Club Bulletin.

Naturally, I'll be happy to reimburse anyone for their expenses. Drop me a line if you can help.

Next column, in addition to the regular features, we'll feature Park I of a look at the primary types of VHF-UHF radio systems.

73, Perry

TV QSL CORNER

KENNETH R. SIMON
528 Pilgrim Road
West Palm Beach, Fla. 33405

MARCH '75

QSLs have been slow in coming in. Reports have been few. So let me start off by inviting you all to come to the '75 NTPDA convention to be held Aug.1-3 at LIGHTHOUSE POINT near FORT LAUDERDALE, FLA. This is the one you don't want to miss. Be THERE!!

CSLS:

- FL WPLG** ch 10 MIAMI (3900 Biscayne Blvd. 33157) fill-in card. (?) LATHAM, eng. mgr. 5 days after numerous tries. (JC). (Including a phone call by me-ed.)
- LA WRBT** ch 33 BATON ROUGE (Box 14685, 70808) ltr. W.L. (BILL) THORNER, xtrr supt. 32 days. (JC).
- MI WCTV** ch 8 GRAND RAPIDS (120 College Ave. SE, 49502) ltr. R.C. SMITH, ce. 7 days. (SS).
- NY WBEN** ch 4 BUFFALO (2077 Elmwood Ave., 14207) AM-FM-TV card, unsigned and 3¢ postage due. 1 week. (KRS).
- OK WKY** ch 4 OKLAHOMA CITY (Box 14068, 73114) Card. Unsigned. 1 week. (JC).
- KOCO** ch 5 OKLAHOMA CITY (Box 32325, 73132) ltr. TED P. BERTCOB, vp & ce. 6 days. (JC).
- TX KACB** ch 3 SAN ANGELO (c/o KRBC Box 178, ABILENE, 79604). GENE SMITH, ce. 5 days. (JC).

late arrivals:

- AL WDIQ** ch 2 DOZIER (ALABAMA PUBLIC TELEVISION NETWORK, 2101 Magnolia Ave. BIRMINGHAM, 35205) ltr. AL RENFRO, eng. & tech. dir. 1 week. (KRS).
- FL WFCB** ch 45 MIAMI (Box ?, FORT LAUDERDALE) fill-in card. (?) MONROE, pres. (This station is not on the air yet, but started brief on the air testing 11 Jan. '75...my report was for reception in the first 18 minutes on the air.) Note says they expect to be on the air with programming in Feb., but Richard Clark spoke to the station Feb. 7 and they said it would be in March. 1 week. (KRS).

CONTRIBUTORS: JC--JOHN COMBS, Orlando, FL.; SS--SCOTT SAMPSON, Champaign, IL. and KRS is me.

I am planning to go to northeast CANADA, the northeast U.S. and the French islands of ST. PIERRE et MIQUELON in late August and early September. I would appreciate hearing from members in the areas, especially the Maritimes and maybe my wife and I can arrange a visit.

TELEVICENTRO DE MONTERREY

ESPINOSA PTE. 780
MONTERREY, N. L. MEXICO

73s

Kan

Nos ha dado gusto saber que vio nuestra
transmision del dia 29 Abril 75 en el 3
Su reporte es correcto. Muchas Gracias.

The QSL at left
from XEFC ch 3
was submitted
by John Combs.

Canal

3

POWER 25 KILOWATTS

ANTENA OMNIDIRECCIONAL DE 4 GAN

FEC VIDEO 61.26 MHz

FEC AUDIO 65.76 MHz

COLOR

FM QSL CORNER

Greg Kelley
181 Hurst Avenue NE,
Roanoke, Virginia 24012

March '75

- MI INTERLOCHEN WIAA 88.3-fill-in card on 3rd try in 3 weeks.
A. FORRESTER, m & ce. (KRS)
- NY ALBANY WROW 95.5-QSL card from CHARLES V. HENRY, ce (SS)
HEMPSTEAD WHLI 98.3-QSL Card from NORMAN J. STERNBERG (SS)
NEW ROCHELLE WVOX 93.5-card...no v/s. (SS)
NEW YORK WCBS 101.1-card from E. ADAMS (SS)
" " WEVD 97.9-card from D.W. WINTER, ce (SS)
" " WNEW 102.7-card from PAUL CHAMPION (SS)
" " WNYC 93.9-card with no v/s. (SS)
" " WXLO 98.7-card with no v/s (SS)
Schenectady WGFN 99.5-card with no v/s. (SS)

Here are a few reports out of order.....

- CONN HARTFORD WDRC 102.9-card from WAYNE MALLIGAN, ce. (SS)
- DC WASHINGTON WKYS 93.9-card from MARTY EMGHAUSE (SS)
- NJ ASBURY PARK WJLN 94.3-card from FRANK HIRBER, ce (SS)
EATONTOWN WHTG 106.3-card from C.R. TEETERS, ce (SS)

Contributors for March...KRS-Ken Simon, West Palm Beach, Fla. and SS-
Steven Sprachman, Seaford, NY.

Notes and comments: Nice to hear from Steve Sprachman and hope to receive more reports from him in the near future. Hmmmm...only one report from Ken Simon???? Come on Ken, we know you can do better than that! Guess maybe Ken likes to sun-bath in the warm sun! Ken...how about sending some warm sun up north?

Mr. Paul E. Petosky, gm of Radio WQXO-FM 98.3, sent me some colorful QSL cards of his station for my column. Since we cannot use color, I am having the cards made into b/w prints and will use them in the near future. My thanks to Paul for sending them.....

Television channel 27 in Roanoke is back off the air as they have \$\$\$ problems.

things here for me are picking up, I now work for an electronics firm.

73s until next month.....

Greg

TV CCI AIDS

JOHN F. COMBS
816 W. HARVARD ST.
ORLANDO FL 32804
305-843-4829
Deadline: 10th of
each month

The response to this column has been very good so far. Although I have set my deadline as the 10th, it is only the 2nd as I type this. I have such a volume of information, some from other contributors, but mostly info I have collected via TV Guides, a trip to Ohio and New York, plus a super-tropo session which brought much information on TX, LA, MS, etc. stations. With no further talk--on to the info....

STATION SLOGANS: The following stations are known to ID with "TV-" and their channel (i.e. "TV-2");

| | | | |
|--------|---------|---------|---------|
| KDKA-2 | WAGA-5 | WTRF-7 | WJCL-22 |
| WESH-2 | WKRG-5 | WPLG-10 | WRIJ-27 |
| WJFK-2 | WJHG-7 | WSLS-10 | WSWB-35 |
| WKTV-2 | WROC-8 | WTAJ-10 | WXLT-40 |
| WEAR-3 | WHEC-10 | | |

Other slogans:

| | | | |
|----------|---------------------------------------------|---------|-----------------------------------------|
| WESH-2 | Part of your life | WOKR-13 | Over a decade of service |
| WJXT-4 | Television Four | | Move closer to your world |
| WTAE-4 | Get it on | WLOS-13 | The Best in viewing |
| WTVY-4 | Television Four; In Dothan | WGNO-26 | Greater New Orleans televi- sion |
| WEWS-5 | Catch 5 | WSWB-35 | From coast to coast (of FL...) |
| WKRG-5 | Big 5 | | Powerful 35 |
| WDSU-6 | In New Orleans... | | Watch us once and we got'cha! |
| WPIX-11 | That's where the good shows are! | | Television 35 |
| WIIIC-11 | The News Station | | Florida's Entertainer |
| KHOV-11 | Channel 11 in Houston | KHTV-39 | The most popular movie house in town |
| WTLV-12 | Television Twelve | | This is 39 |
| WSFA-12 | You're watching Channel 12 in Montgomery | WPGH-53 | It's 53 in '75 |
| WJTV-12 | Channel 12 television | | |

NEWS NAMES: Some of these may repeat some of Hauser's previous listings, but I had no time to check. At any rate, they are all recent...

| | | | | | |
|--------|--------------------------------------|----------|-----------------------------------|---------|------------------------------------------------|
| WESH-2 | Newscope | WFTV-9 | Eyewitness | WYTV-33 | 33 Eyewitness News |
| | The Big News | WNYS-9 | Eyewitness | WSWB-35 | 35 News Update (on the hour) |
| | Today in Florida (during "Today") | WTEN-10 | Action News | WSEE-35 | Eyewitness Re- port |
| WJFK-2 | TV-2 Action News | WHEC-10 | TV-10 News | WYEA-38 | Ala.-Ga. To- day Report (during "Today") |
| KDKA-2 | Eyewitness | WTOC-11 | Night Final (s/off) | WTOG-44 | High Noon News |
| WGR-2 | NewsCenter | WIIIC-11 | Newswatch | | |
| WEAR-3 | Eyewitness | WBNG-12 | Action News | | |
| WKYC-3 | Action 3 News | WICU-12 | Today News (during "Today") | | |
| WRCB-3 | News 3 | | Hotline News- Eleventh Hour Nx | | |
| WCAX-3 | NiteBeat | WTLV-12 | Action News | | |
| WJXT-4 | Eyewitness | WTVT-13 | Pulse | | |
| WTAE-4 | Ch. 4 Action News | WLOS-13 | Your World To- night | | |
| WBEN-4 | First Team News | WQED-13 | Newsroom | | |
| WEWS-5 | Eyewitness | WOKR-13 | Eyewitness Nx 13 | | |
| WAGA-5 | News Scene | KLMI-15 | 15 News Line | | |
| WDDB-6 | Newswatch 6 | WJKS-17 | NewsScene | | |
| KPDM-6 | Tomorrow Morning | WCJB-20 | Dateline | | |
| | Headlines (s/off) | | The Morning Re- port | | |
| WDSU-6 | Ch. 6 Nightcap Nx (s/off) | WGNO-26 | Headlines 26 | | |
| WFLA-8 | Channel 8 News | WRBT-33 | NewsScene 33 | | |
| WVUE-8 | NewsScene 8 | | | | |
| | News Report(s/on) | | | | |
| WROC-8 | TV-8 Action News | | | | |

STL CALLS: On the following page in one aspect of CCI info I forgot to mention. Many stations mention the STL stations' calls at s/on and s/off. A listing of these is a beneficial CCI aid...

| | | | |
|--------|------------------------|---------|------------------------|
| KGNC-4 | KRP-50 | WSFA-12 | KHO-39 |
| WCIX-6 | KYX-67 (2057.5 MHz) | WOKR-13 | WEF-58 (7012.5 MHz) |
| WVUE-8 | KOV-55 (7050-7075 MHz) | WSRE-23 | KN-2237 (6962.5 MHz) |
| WROC-8 | KEA-91 | WSRE-23 | KVU-25 (6975-7000 MHz) |
| WFTV-9 | WBI-20 | WFPE-24 | KNT-99 |
| | KUI-247 (Radar) | WRBT-33 | WIL-77 |
| WTVL-9 | KIS-85 (6875-6900 MHz) | WSWB-35 | WAC-266 (2.5 GHz) |

Mississippi ETN Net: KMZ-77

MOVIE NAMES: These are far from complete, but well up-to-date...

| | | | |
|--------|------------------------------------|---------|---------------------------------------------------------|
| WESH-2 | Sunday Afternoon Movie | WOR-9 | The Big Preview |
| | Saturday Night Movie | | Million Dollar Movie |
| WJBR-2 | Weekend Movie | WHEC-10 | TV-10 Movie |
| WCBS-2 | The Late Show | WALA-10 | Ch. 10's Movie of the Week |
| ADKA-2 | Action Theatre | WPIX-11 | Sunday Movie Special I & II |
| | Science Fiction Theatre | | The 8:00 Movie |
| | Sunday Film Festival | WIIC-11 | Flicks From the Fifties |
| | ADKA Big Movie | | Chiller Thriller Movie |
| | Cinema 2 | | Chiller Theatre |
| WEAR-3 | TV-2 Sunday Night Movie | | Tarzan Theatre (off for NBC sports) |
| | Popcorn Theatre | | |
| KDFW-4 | Action Theatre | WINK-11 | WINK Weekend Movie |
| WTAE-4 | Rege Cordic Super Friday Movie | | WINK Saturday Night Movie |
| | Rege Cordic Sunday Afternoon Movie | WTVT-13 | 13 Presents |
| | Million Dollar Movie | | The Big Movie |
| WWL-4 | Saturday Night Movie | KTRN-13 | The Big Movie Matinee |
| | All-Night Movie | WLOX-13 | Saturday Night Movie |
| WARG-5 | The Late Show | WJNS-17 | Dodge Theatre |
| WHEN-5 | The Late Show | WTCG-17 | Dialing for Dollars |
| | Monday Night Movie | WSWB-35 | Showcase |
| WDSU-6 | Nostalgic Nightmares (!) | | Mid-Morning Movie |
| WDBO-6 | The Sunday Cinema | | Theatre 35 |
| | Thursday Night Movie | WTOG-44 | Movie Matinee 44 (which includes Sunday Matinee I & II) |
| | Adventure Theatre | | Sunday Morning Movie |
| WABC-7 | The 4:30 Movie | WPGH-53 | Shirley Temple Theatre |
| WKBW-7 | The Late Show | | |
| WVUE-8 | Saturday Million \$ Movie | | |
| | Sunday Million \$ Movie | | |

DEVOTIONAL NAMES:

| | | | |
|--------|----------------------------------|---------|------------------------------------------------------------------------------|
| ADKA-2 | Daily Sermonette | WLCY-10 | The Pastor's Study |
| WESH-2 | Daily Devotional (listed in TVG) | WIIC-11 | Devotional Moments |
| WJXT-4 | The Pastor's Study | WTLV-12 | Living Words |
| WTAE-4 | Meditation | WSFA-12 | The Pastor's Study |
| KRGV-5 | Evening Devotions | KSAT-12 | Meditation |
| KNOB-8 | The Pastor's Study | WTVT-13 | Morning Devotional |
| WFTV-9 | Daily Word | WJNS-17 | Morning Devotional |
| | | WJCL-22 | (No title, but announcement: "...WJCL presents a message of inspiration...") |

PROGRAMMING NOT IN TV GUIDE:

WFTV-9 "Sunrise Jubilee" (0600 ET Weekdays) includes segments of the "Arthur Smith Show" and a feature called "Florida Agri-World", neither of which are mentioned in TVG.

WTVT-13 "Marine Forecast and Radar Report" (0545 ET Weekdays), which consists, for the most part, of a radar map of Florida on screen with background music.

WFPE-24 "Happening:" (5 min. before programming start, right after programming end), a kind of community bulletin board.

WFTV-9 "Community Bulletin Board"

WESH-2 "Minute Memos", 60-second PSAs by members of local groups, which may pop up at any time during normal programming.

OFF-NETWORK PROGRAMMING: I have decided to eliminate this section, as the information involved is readily available through TV Guide. Most independent stations will carry a network program if the local affiliate fails to do so.

SSB TYPES: There is one new SSB type--a regional one. The University of Florida SSB (UFSSB). The film is a rather dated one of the chorus of U. of Fla. singing the SSB in C Major, a seldom-heard SSB key. This SSB has been seen on a couple of FL stations.

| | | | | | | | |
|--------|--------|---------|--------|---------|--------|---------|--------|
| WESH-2 | DCssb | WROC-8 | PFUssb | WDTB-13 | FMHssb | WFTV-23 | NVYssb |
| | AFssb | KNOE-8 | DCssb | WTVT-13 | UFssb | WSRE-23 | NVYssb |
| KDKA-2 | DCssb | WALA-10 | AFssb | KEET-16 | AFssb | WMFE-24 | DCssb |
| | NVYssb | WLCY-10 | NPssb | WJKS-17 | NPssb | WTOG-44 | MFLssb |
| WEAR-3 | NPssb | WTOK-11 | FHssb | | RSssb | | |
| KJAC-4 | PFUssb | WIIC-11 | DCssb | | UFssb | | |
| WTVY-4 | NVYssb | | NPssb | WDHN-18 | MFLssb | | |
| WDBO-6 | RSssb | | USHssb | WCJB-20 | MFLssb | | |
| WCIX-6 | NPssb | KSAT-12 | USHssb | WBHH-20 | DCssb | | |
| WDBO-6 | AFssb | WSFA-12 | USHssb | WJCL-22 | DCssb | | |
| WVUE-8 | AFssb | | | | RSssb | | |
| | | | | | MFLssb | | |

SSBs that do not conform to known types:

WESH-2 "Sierra Club" SSB
 WJXT-4 SSB w/film of various Florida scenes. Audio is instrumental.
 WOKR-13 SSB w/film of still scenes of kids at school, play, painting pictures of the Flag, etc. Audio is instrumental--an odd arrangement and in the key of E-Flat (for you music buffs), another seldom-heard SSB key, the most common being B-Flat or A-Flat.
 WCJB-20 SSB w/film of many color guards on football field, ends with close-up of flag. Instrumental audio.

The Iowa Educational Broadcasting Network uses 3 different SSB films, featuring U.S. and Iowa flags, Iowa scenes, such as Hoover's birthplace, picking corn; the Mississippi, etc., and (I assume) an instrumental SSB. The Alabama Public Television Network uses the audio of a SSB with their "aptn" ID Slide.

OTHER S/ON, S/OFF FEATURES: One note--many stations have been seen using a film of the sea with the audio of a hymn at s/off. These look very similar and, in fact, some might be identical. If anyone knows the source of this film, or films, please let me know.

KDKA-2 High Flight (HF)
 WALA-10 Indian Lord's Prayer (ILP)
 WCJB-20 HF
 WEDU-3 America the Beautiful (ATB). Film is of kids at school, play. Ends with view of ocean.
 WDBO-6 Film of ocean with hymn.
 WROC-8 ATB w/Salt Lake Mormon Tabernacle Choir at Mt. Rushmore. Runs Oh, Canada! prior to SSB. Film is an OLB one of people skiing, overhead view of NY-Ont. area, etc.
 WFTV-9 ATB w/film of various historic American things (Iwo Jima memorial, Statue of Liberty, etc.).
 WTLV-12 Film of views of Jacksonville w/background music. After a few minutes, logo is keyed over this, and s/on announcements given
 WQED-13 ATB w/film of trees, and water gushing over rocks.
 WDTB-13 Film: "Coast Guard Academy Cadets sing 'Eternal Father'". Film is of the sea, then the cadets singing.
 WJKS-17 "Dixie" with film of views of the South in general and Jacksonville in particular. This leads into the RSssb with no break.
 WXLT-40 Film of ocean w/hymn.
 WPGH-53 ATB sung by Mormon Tabernacle Choir. Film is of people & places in Pittsburgh (still shots). ID is keyed at right throughout.

TP TYPES: By now, the revised WTRDA Test Pattern guide should have appeared in the VUD. Bear in mind that this list only lists TPs that the stations involved have been known to use. Some of these stations may have other patterns and some of those listed may only be used occasionally for testing purposes. Also refer to Ken Simon's previous list of TPs for Florida stations. Most of those are still valid, and I will try not to repeat them.

WESH-2 ID & unID 3/4cb (8-7-d), Resolution Chart,
unID NBC-TP

WBRZ-2 ID full CB (w/large logo)

KATC-3 unID RETMA-TP,
ID 3/4cb

WEAR-3 ID 3/4cb w/AM radio

WLBT-3 MIHTP

WJXT-4 CBE-TP, unID 3/4cb, full CB (10), SSQ-TP

WTAE-4 TP (CBE?) w/large "WTAE" at top, "4" in center

WWL-4 ID 3/4cb, including IDs of xtrs and STL

WKRZ-5 Wedge-like-TP

WDBO-6 ID 3/4cb (7-2 $\frac{1}{2}$ -s*)

WCTV-6 Resolution Chart, unID 3/4cb (7-2 $\frac{1}{2}$ -s*)

WJCT-7 MIHTP w/super small calls

WJHG-7 ID & unID 3/4cb (7-2 $\frac{1}{2}$ -s) (Sometimes w/"TV-7" logo only)

KNOE-8 ID RETMA-TP

WVUE-8 full CB (7) unID, IHTP

WFLA-8 Modified Wedge-TP (wedges are removed, replaced by a strip of CB in UR, old NBC logo in LL, "Castle" shaped silhouette in center.)

WFTV-9 SMPTE-TP

WALA-10 Wedge-Like-TP

WPLG-10 ID 3/4cb (w/"TV-10")(7-2-d)

WINA-11 full CB (8)

KTHV-11 See photo in Alexander's Photo-News, Nov. 74 VUD

WTIC-11 unID full CB, unID GS, B&W TP (what kind?) w/ID in middle

WTOK-11 ID CBS-TP

WTLV-12 ID full CB (8) w/large keyed ID

WTVT-13 unID 3/4cb w/mx (7-2 $\frac{1}{2}$ -s)

WDTB-13 ID & unID 3/4cb

WQED-13 TP w/ID in middle (what type?? --jfc)

WOKR-13 unID 3/4cb (7-2 $\frac{1}{2}$ -s*)

KTRK-13 ID 3/4 cb w/mx

KERA-13 ID RETMA-TP

KLNI-15 unID full CB (7)

WCJB-20 unID & ID 3/4cb

WMFE-24 unID 3/4cb (7-2 $\frac{1}{2}$ -s), unID RETMA-TP

WEVU-26 unID CB (16), ID 3/4cb (7-2 $\frac{1}{2}$ -s*)

WRBT-33 unID & ID 3/4cb (7-2 $\frac{1}{2}$ -s), Resolution Chart

KTVV-36 unID 3/4cb

WGIQ-43 unID full CB (7)

WFCB-45 unID 3/4cb (7-2 $\frac{1}{2}$ -s*)

WPGH-53 ID 3/4cb

Georgia PTV Net; Wedge-TPs with full IDs.

In the DOMINICAN REPUBLIC; Colorvision (Chs. 2,9) and Radio-Television Dominicana (Chs. 4,5,12) use full CB patterns. Rahintel (Chs. 7,11,70) use a BE-TP with the name "Ciudad Trujillo" crossed out in pen!

MISCELLANEOUS INFO:

WESH-2 keys digital time on some IDs, and used to key time and temperature at bottom of screen in morning on & off.

KDKA-2's new logo looks "deceivingly like YSR's". (So do many others--to name a few: WESH, WCBD, WSB--jfc)

KYTV-3 uses digital time on some IDs

WTAE-4 runs moog mx as background for film IDs.

WUFT-5 runs clock w/logo under center prior to pgms

WROC-8 runs pgm sked of evening prime time pgms between some programs

WGHP-8 & WJW-8 have very similar logos; eight. Beware...

WTIC-11's newscasters "all sound like Ted Baxter": (Gross!--jfc)

WTLV-12 keys digital time in LL most of the time.

WPCB-45, Miami's new CBN affiliate, has an offset of +16 kHz

WKID-51 is on all-night some nights, w s/off at 6 A.M. (ET):

Stations on all night 1/25-1/26; WJHG-7 & WJCL-22 w/March of Dimes telethons; WJCT-7 w/fund raising program; and WXIA-11 w/Cerebral Palsy telethon. Tropo was all over the South that night, so this may solve some of your mysteries!

Contributors: Ken Simon, West Palm Beach, FL; Richard Clark, Lighthouse Point, FL; Robert Baker, Humboldt, IA; Clarke W. Ingram, Pittsburgh, PA. Sorry to Steve West--your information got to me too late for my early deadline. A reminder to all; my deadline in the future will be the 10th of each month. Good DX; love & peace to all...

738 in '75,

John

WORLDWIDE TV-FM DX ASSOCIATION



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