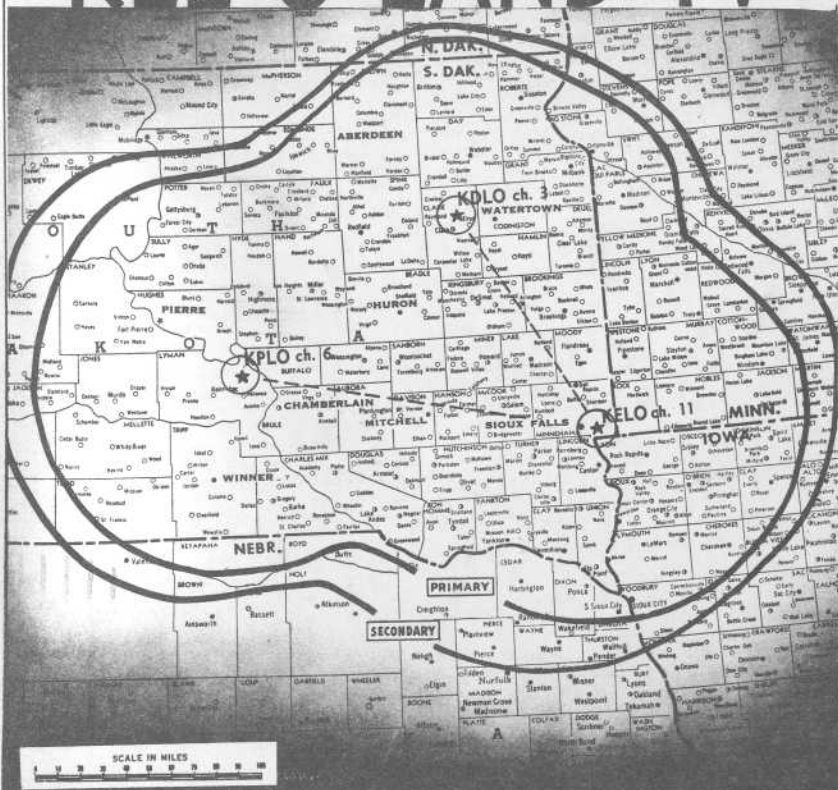


Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JANUARY 1990

KEL-O-LAND TV



KELO-TV
KDLO-TV
KPLO-TV

Channel 11
Channel 3
Channel 6

Serving a Four State Area
SOUTH DAKOTA • MINNESOTA
IOWA • NEBRASKA



WORLDWIDE TV-FM DX ASSOCIATION
POST OFFICE BOX 514 - BUFFALO, NY 14205-0514-U.S.A.



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first class mail

Vhf-Uhf DIGEST

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11/90
WILLIAM N NOLLMAN
35 NYE ROAD
GLASTONBURY CT 06033

ANNUAL DUES - UNITED STATES: \$17
CANADA: \$18
OUTSIDE NORTH AMERICA: \$27
NAME CHECK OR MONEY ORDER PAYABLE TO WORLDWIDE TV-FM DX ASSOCIATION.

From The STAFF

F2 MUF RISES ABOVE 55 MHz!!!!...What could well have been the best 48 and 49 MHz transAtlantic and transPacific video signal DX activity ever observed took place in late November. Several DXers have now positively identified European TV; Some have even managed to make videotapes and photographs. Hopefully we'll be seeing some of these photos, and reading more detailed reports in upcoming issues. What follows are just some of the highlights. Northern Florida's John Combs (with the kind help of German DXer Ulrich Onken) has IDed not one but TWO different West German stations using a multiple standard TV--a hot commodity among dedicated DX enthusiasts these days! Illinois' Jeff Kadet notes a variety of fascinating signals in his WESTERN TV DX report, INCLUDING what may be signals of African origin (Rare African video was also noted by Jerry Pulice in New York in the previous cycle peak in 1979-80). Using an ICOM R-7000 with a modified video interface, Seattle area DXer Les Remmer has identified 625-line North Korean newscasts on 49.75. Northern California DXers, including Russ Ward in Redding (using a homebrew converter circuit designed by Jerry Pulice that was featured in a 1979 VUD issue) have viewed ghostly but recognizable video from New Zealand. Many have noted activity on U.S. channel 2 (55.25 MHz video), which was open from the Pacific time zone area to the Northeastern U.S. for at least 40 minutes on November 20th. The 6-meter (50 MHz) band was open for hours across North America that afternoon!

COLUMN NEWS...EASTERN TV DX is back, with Ron Stock as a "temporary" editor. He asks that no new reports be sent until he clears up a backlog of reports already on hand, and has decided to hold off on a decision on whether or not to become permanent editor.

BITS...From Ron comes this word: "After January 1, will no longer reply to anyone who writes to club P.O. Box 514 without enclosing a self-addressed stamped envelope...this of course does not apply to those non-members writing in for information on membership...and please, if you are writing to the club address, indicate who your letter is for. Hate to have to open a letter and find out it's meant for someone else on the staff."

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Thanks to Dr. Bruce Elving--who provides us with more coverage maps than anyone else--for the one on this month's cover!

Television news

Bill Fahber, editor
336 Atlantic Street
Bridgeton, NJ 08302

ABBREVIATIONS USED IN THIS COLUMN:

| | |
|------|---|
| AATm | Height (meters) above average terrain |
| AG | Antenna height above ground |
| ASL | Antenna height above sea level |
| AZ | Azimuth (North=0°) |
| BT | Beam Tilt |
| CIR | Circular polarization |
| CP | Construction permit |
| CRTC | Canadian Radio-television and Telecommunications Commission |
| DA | Directional antenna |
| ERP | Effective Radiated Power |
| FCC | Federal Communications Commission (USA) |
| HOR | measured along a horizontal plane |
| MAX | In the direction or elevation of maximum signal strength |
| MP | Construction permit modification |
| TL | Transmitter or tower location |
| + | carrier frequency offset 10 kHz above standard |
| - | carrier frequency offset 10 kHz below standard |
| z | carrier frequency not offset |

APPLICATIONS FOR NEW TELEVISION STATIONS

| ST | CH | ERP | AATm | CITY/APPLICANT |
|----|----|------|------|--|
| NM | 3 | 24 | 31 | Gallup; KOAT Television Inc. |
| TX | 19 | 229 | 222 | Nacogdoches; Radnor Broadcasting Company |
| WY | 9 | 1.78 | 291 | Sheridan; SJL of Montana Associates |

APPLICATIONS DISMISSED

| | |
|----|---|
| AZ | Phoenix; ch. 61; Sun World Communications Inc. |
| AR | Little Rock; ch. 42; Capital Communications Corp. |
| PR | Yauco; ch. 42; Yauco Television Broadcasting. |

CONSTRUCTION PERMITS GRANTED

| ST | CH | ERP | AATm | CITY/APPLICANT |
|----|----|------|------|---|
| AR | 42 | 5000 | 233 | Little Rock; Leininger-Geddes Partnership |
| MS | 51 | 5000 | 440 | Jackson; JAM Communications Inc. (summary decision) |
| PR | 42 | 1000 | 600 | Yauco; Maranatha Christian Network (WIRS) |

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

| ST | CH | ERP | AATm | CALLS | CITY |
|----|----|------|------|---------|------------------------|
| AL | 63 | 2000 | 120 | WTSU-TV | Montgomery (amended) |
| CA | 29 | 4608 | 321 | KCHY | Sacramento |
| FL | 9 | 316 | 150 | WKEB | Islamorada (ex-WIEB) |
| NE | 17 | 1213 | 240 | KTVG | Grand Island (amended) |
| PR | 42 | 1500 | 853 | WIRS | Yauco (new permittee) |
| TX | 55 | 3012 | 142 | KLDT | Lake Dallas |
| WV | 29 | 4505 | 525 | WKRP-TV | Charleston |
| WI | 57 | 2518 | 317 | WJNW | Janesville |

JANUARY, 1990

APPLICATIONS TO CHANGE EXISTING FACILITIES

| ST | CH | ERP | AATm | CALLS | CITY |
|----|----|------|------|---------|---------------------|
| AR | 51 | 200 | 140 | KFAA | Rogers (cp) |
| GA | 29 | 5000 | 350 | WDCQ-TV | Cochran (mp; ch.15) |

CHANGES GRANTED ON THE AIR

| | |
|----|--|
| AL | Montgomery; WMCN-TV, ch. 45 (applied for call letters WCCS-TV); granted license to cover CP for changes; ERP raised from 250 kw max to 700 kw max (the CP called for 600 kw; must have been a modification or amendment somewhere which I haven't found); 314m AAT/317m AG/372m ASL (also slightly amended; reduced 214m ASL); TL 2.4 km north of the intersection of Burbank Drive and U.S. Route 80; coordinates 32°24'11"/86°11'48" (about 1.3 miles NNW of former TL). |
| GA | Chatsworth; WCLP-TV, ch. 18; granted MP for changes; ERP to be raised from 631 kw max/44.7 kw hor to 5000 kw max; 565m AAT/93m AG/921m ASL (7 meters lower); same TL. |
| LA | Alexandria; KLAX-TV, ch. 31; granted license to cover MP for changes; ERP reduced from 1619.8 kw max to 1290 kw max (MP originally called for 1320 kw max; I don't know why this change); 333m AAT/313m AG/382m ASL (269m higher ASL); TL 2.4 km southwest of Dry Prong; coordinates 31°33'54"/92°33'00" (Az. 357° (north) 17.58 miles from former TL). |
| OH | Lima; WLIO, ch. 35; granted license to cover CP (granted four years ago) for changes; ERP raised from 503 kw to 661 kw max; Antenna height reduced 8 meters to 195m AAT/159m AG/424m ASL; same TL. Doesn't look like anything noteworthy. |
| WV | Huntington; WSAZ-TV, ch. 3; granted license to cover CP for changes; ERP reduced from 46.8 kw to 42.7 kw max; antenna height reduced 18 meters to 388m AAT/308m AG/616m ASL. |

CALL LETTER GRANTS: NEW STATIONS

| ST | CH | CALLS | CITY/APPLICANT |
|----|----|---------|--|
| FL | 21 | WTCE | Fort Pierce; WFET |
| FL | 9 | WKEB | Islamorada; WIEB |
| FL | 57 | WTLL | Live Oak; WFXL |
| FL | 16 | WFET | Marathon; WKEB |
| GA | 54 | WFXG | Augusta; Augusta 54 Broadcasting Company |
| LA | 45 | KCDN | Shreveport; Word of Life Ministries Inc. |
| MI | 19 | WUAA | Marquette; Upper Peninsula Telecasting Corp. |
| NC | 64 | WKAY | Kannapolis; W03H |
| PR | 42 | WIRS | Yauco; Maranatha Christian Network |
| TX | 16 | KVAW | Eagle Pass; KEGC |
| TX | 65 | KJLF-TV | El Paso; KZJJ |

CALL LETTER GRANTS: EXISTING STATIONS

| ST | CH | CALLS | CITY/APPLICANT |
|----|----|-------|----------------|
| GA | 31 | WFXL | Albany; WTSG |

NEW STATIONS ON THE AIR

MI Cadillac; WGKI, ch. 33z, went on the air 10/11/1989; 61.52 kw max ERP; 404m AAT/296m AG/802m ASL; TL Park Lake Road & Dighton Road, near Cadillac; coordinates 44°08'51"/85°20'35"; independent station; address: WGKI Television, 202 Stinson Street, Cadillac MI 49601.

NV Las Vegas; KFBI, ch. 33z, went on the air 8/1/1989; 1349 kw max ERP; 581m AAT/53m AG/1370m ASL; TL 1.66 km northeast of Black Mountain; coordinates 35°56'44"/115°02'31"; independent station; address: Channel 33 Inc., 3840 S. Jones Boulevard, Las Vegas NV 89103.

CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS

AR Gosnell; add #46z. (not subject to freeze)

AR Jonesboro; add 48z. (not subject to freeze)

CA Bakersfield; add 65z. (subject to freeze)

MN Thief River Falls; add #30z. (not subject to freeze)

FORUM

Continuing **MICHAEL PARKS** (Amery WI) from last month: "K2SAS, Eugene, OR, which goes by the non-ID of KSLR-TV, became the first LPTV station in the country to be listed in TV Guide when it was added to the Oregon State Edition as of the July 29, 1989 issue. Associate editor, Eileen O'Malley Spangler, said they decided to carry the station on the basis of the availability of their signal to a 'significant number of people' and a programming lineup that 'readers seem interested in.' What that amounts to is that K2SAS is carried on a large number of cable systems and is a Fox affiliate.

"Lastly, a couple older items which I haven't as yet seen mentioned in the VUD: KTCL-17 was granted a license in March 1988 to cover their change in ERP to 141 kW a few months previously and WQRF-39 became a Fox affiliate on Saturday, January 7, 1989."

Now we start this month's mail with **ROY BARSTOW** (Teaticket MA), who writes, "On Sept. 7, 89 PM.

EDST, [Nova Scotia] coming in again and MITV (CIHF-TV 8 Halifax, NS) on 9, 18, and 20 picked up. Being on R.I. I got program info and sent off another try for a verification. They sent back the listing of their stations and some adhesive stickers of their MITV logo. On the envelope it says New Brunswick Broadcasting Co. Limited, 14 Akerly Blvd., Dartmouth, N.S. B3B 1J3 plus their MITV logo.

The following is a list of MITV station sent from Roy (Antenna height is in meters above mean sea level):

| CALLSIGN | CH | ANT | HT | AVG POWER | LOCATION |
|-----------|----|--------|----------|----------------|----------|
| CIHF-TV | 8 | 272.8m | 10.8 kw | Halifax NS | |
| CIHF-TV-1 | 11 | 268.0m | 9.0 kw | Fredericton NB | |
| CIHF-TV-2 | 12 | 465.0m | 18.3 kw | Saint John NB | |
| CIHF-TV-3 | 27 | 473.0m | 108.0 kw | Moncton NB | |



CIHF-TV-4 18 262.7m 6.0 kw Truro NS
 CIHF-TV-5 20 322.0m 125.0 kw Wolfville NS
 CIHF-TV-6 9 258.0m 6.7 kw Bridgewater NS

"I had to agree with John Combs that stations just don't send out verifications like say, 10 yrs. ago. Sometimes if you wait say 1 yr, & you do pick up the station again, the personnel there may have changed and you may get lucky. I have found that if it's a new station on the air, your chances are better. Myself I don't bother too much about verification anymore. Just picking up something new is enough excitement during the opening. Yes the bug is there."

"On Sept-8-89 picked up on chan 22 WPVI (6 Philadelphia) s/off 0310. Must be a new translator?" Can't figure that out. Obviously wouldn't be anywhere within range of WDAU-22 Wilkes-Barre. It's not in New Jersey.

"WHRC 46 Norwell, MA not seen here in more than a month."

"On Oct 24, 89 N.C. and S.C. booming in. New ones seen, 62 WFCT, N.C., 42 WTVI N.C., and 46 WJZY N.C."

"I have not seen WWAC 53 N.J. in any openings toward south in last 3 to 4 months." (That's nothing. I live 42 miles away from the station and I can't even get a trace of it. -wbf)

JOHN ZEIS (Exton PA) writes, "In Washington, DC the Univision translator/LPTV has switched from ch 14 (W14AA) to ch 48 (W48AW), I assume in anticipation of the future DC full service ch 14. Also, the ch 42 LPTV, W42AJ, is now on the air with the other Spanish network, Telemundo.

"While others have written about the very limited coverage of VHF translators, I have the opposite problem at my location. Since W08CC, Hammon, NJ, (W08AC? -wbf) moved to the WNJS tower, it has become a major pest. Although only 500w ERP and 48 miles distant, the video causes sufficient CCI to make WGAL Lancaster, a full power station 51 miles away, almost useless. Depending on antenna orientation, either station can be seen with heavy CCI, but only WGAL audio can be received." Don't complain, John. They're airing Channel America now; that makes channel 8 in South Jersey TOTALLY useless.

"WBRE, Ch 29 in Wilkes-Barre, is finally back at full power after its tower collapse last winter. It was never seen in Exton while operating on low power. WNUV-TV, ch 54 Baltimore has significantly reduced coverage since making facility changes a few months ago. Formerly the strongest Baltimore UHF, and often better than the VHF's, it is now much weaker here in Exton than any station except WMPB, ch 67.

"In addition to the stations you have reported, I have seen references to the following stations going dark: WHNT 21 Concord, NH CBS (noted in 'Broadcasting' in the spring 'First CBS affiliate to go dark in over 30 years.'). KFNB Casper, WY ABC suspended operation 4-25-89. WLKT Lexington, KY suspended operation 7-7-89 - listed as temporary.

"For anyone interested in the Television & Cable Factbook mentioned in the September column, I can provide the following. Published by: Warren Publishing, 2115 Ward Court, NW, Washington, DC 20037. (202) 872-9200. Issued annually in two volumes: Stations (of most interest to DX'ers) - around 1 January. Cable

and Services - about June. Cost: 1989 \$325 + \$10 shipping (both volumes - not priced individually). UNKNOWNNS: How tightly is distribution controlled, i.e., is WTFDA membership or a school association adequate? Association with a company with any broadcast or cable involvement would qualify. When the 1990 stations volume is issued, will 1989 books be available at deep discount?"

I can just about guarantee that they don't discount outdated books. As far as distribution, I do know that they ask "name of firm" on order forms, but I suspect they just automatically assume that only companies or businesses are interested. Since it's emphasis is on advertising, I suspect that anybody who owns or runs a business would be eligible to purchase a copy. Even libraries have copies.

TOM YINGLING (Dundalk MD), in a phone conversation confirmed the two Washington DC translators mentioned above, W42AJ (Telemundo) and channel 48 (Univision). He also said that WRC-TV, ch. 4 in Washington plans a power boost, circular polarization, and doubled tower height.

JOHN COMBS (Jacksonville FL) forwarded me a few articles last month, and somehow they got misplaced when I did last month's column. The 10/13/89 *Fort Lauderdale Sun-Sentinel* reports, "Three new public television stations have been created by the Palmetto Foundation, a non-profit organization underwritten by Palm Beach Atlantic College. The stations will be run by the foundation, which operates independently of the school, a four-year Christian College in West Palm Beach. The stations are: * WKEB-Ch. 9 in Islamorada, scheduled to begin in fall 1990 with 'Hispanivision' programming aimed at Miami's large Hispanic community. The station should be visible to viewers in south Broward County. * WPPB-Ch. 63, scheduled to begin broadcasting from Boca Raton in spring 1990 with a format called 'Second Season,' day-long programming geared toward south Florida senior citizens. * WTCB-Ch. 21 in Fort Pierce, expected to air next month with educational and news analysis programs."

The 10/14/89 *Palm Beach Post* reports, "WTVX Channel 34 in Fort Pierce is seriously considering moving to West Palm Beach, the station's general manager said Friday. 'If we do it, it's going to be within the next nine months or a year,' Jay Oliver said. "If 34 heads south, the move would leave the Treasure Coast - Martin, St. Lucie, Indian River and Okeechobee counties, without any locally based commercial television stations. Channel 34 would become the fourth commercial station based in the West Palm Beach area." "About 71 percent of the more than 510,000 TV-watching households in the Palm Beach-Treasure Coast market are in Palm Beach County, according to market surveys." "Channel 34's administrative and production offices are in Fort Pierce, but the station has a sales and market research office in West Palm Beach." "The station's broadcast tower is west of Stuart, about midway between Fort Pierce and West Palm Beach. Even if Channel 34 officially moves to West Palm Beach, it will probably retain production and other offices in Fort Pierce, Oliver said." The question was raised, how can the station move without changing its allocation?

That answer probably comes in a recent FCC ruling that allows a station to change its city of license and channel assignment. But this article isn't really clear on what the change is. Changing the location of a sales office, studio, transmitter, city of license and channel assignment are five different things.

The 11/23/89 (Thanksgiving Day) *Atlanta Journal and Constitution* gives information on a future DXer's paradise, TV Marti, which is bound to turn millions of Cubans into DXers. Maybe we can promote our club on the station. "The next point of contention between the United States and Cuba probably will be a balloon tethered 10,000 feet above Cudjoe Key, a small island in the Florida Keys. Starting Jan. 1, the balloon, which actually will look something like a floating blimp with fins, will be used to bounce a TV signal from Florida to Cuba. If the experimental technology works, TV Marti will beam U.S. government-supplied news shows into the homes of millions of Cubans, bringing words and images to an island where television has been controlled by President Fidel Castro's government.

"Congress has approved \$7.5 million for the three-month test of TV Marti. A firm decision on what programming to use has not been made, but Voice of America spokesman Joe O'Connell said it probably will include some original news shows produced by VOA as well as TV news in Spanish from the Univision network. The technology is unproven. The editing studio and transmitter will be on the ground, and the signal will be sent - technicians hope - from Florida to the balloon to Cuba. A TV signal is more delicate than a radio signal and can be jammed more easily. If the test is successful, the Bush administration wants Congress to approve a \$32 million operating budget for two years of broadcasting." "...opposed are the National Association of Broadcasters and various Florida broadcasters who fear that the signal - and possible Cuban efforts to block it - may interfere with TV and radio reception in the United States."

"The Cuban government already has launched electronic signals that might complicate reception of the TV Marti picture. Some signs of jamming have been visible in Miami, where viewers temporarily received Cuba's channel 6." John Combs commented "probably just tropo." John also comments, "Same system used to experimentally beam Miami TV to the Bahamas in the 70's! It was on ch. 11 (1 kw ERP) w/the unlikely call of ZFH06!"

PAUL GAINES (Detroit MI) also sent an article about TV Marti from the *Detroit Free Press*. "Nervous about changing relations with their Soviet patrons, Cubans this fall are also bracing for a dispute with the United States. Officials are angrily awaiting the first broadcasts of TV Marti, a news and entertainment show sponsored by the U.S. Information Agency. The USIA says the program will begin a 90-day test period in early December, beamed into Cuba from south Florida. Foreign Ministry officials warn they'll retaliate by broadcasting programs into the United States, which may jam domestic shows. Cuban officials were equally upset three years ago with the start of U.S.-sponsored Radio Marti - like the proposed TV show, named after Cuban

independence hero Jose Marti. The show, which is unfailingly anti-Castro, has won a wide audience with Cuban music, soap operas and commentary."

FRED MCCORMACK (Fargo ND) writes, "I have a couple of comments concerning Paul Gaines' units mentioned in your November column: (1) The channel 24 TBN in the Chicago area is W24AI at Michigan City, Indiana. I have had quite a number of loggings of this one reported to Western TV-DX. (2) Paul may be correct in reporting a TBN on channel 39 at Marion, Ohio. I have no knowledge that it relays TBN programming, but according to my records, W39AQ at Marion, Ohio received its license on July 13, 1989 and is owned by the Central Ohio Association of Christian Brothers (or Broadcasters, according to one source).

"With regard to your question about what FSK means, it is frequency shift keying. With that type of modulation, information is transferred by shifting the output frequency between predetermined values. In the case of a morse code ID, I believe only two frequencies are required. I occasionally hear morse code ID's over translators, particularly when a beat frequency is already audible due to co-channel interference."

FRANK ADEN (Boise ID) reports, "As I noted on my last letter our LPTVs on 10 and 43 are now running (Home Shopping Club).

"KPMI answered my letter about the new ch. 12 translator in Idaho Falls. Call is K12NZ and is running 10 watts.

"I have been doing more research on the history of broadcasting in Idaho and recently received a letter from TV GUIDE that answered my question of when they first began distributing editions for Idaho (Utah-Idaho edition). They informed me that Sept. 20, 1958 was the date of the first one. What is interesting, though, is that in their HQ in Radnor PA they have all editions issued on microfilm and it may be possible to get copies of such. They suggested I write the dept. for more details. I will let you know what they tell me. If any other members are interested in this the address is: Cathy Johnson, Microfilm Dept., TV GUIDE, Radnor PA 19088."

W.R. MCINTOSH (Granada Hills CA) sent in a few articles from the *Los Angeles Times*. The 11/27/89 *Times* gives background and update on KEEF-TV, ch. 68 in Los Angeles: "Five years ago, Los Angeles was promised its first and only television station owned and operated by blacks. Today, much to the consternation of black community leaders, the stillborn UHF outlet may be on the verge of being turned over to an evangelical Spanish-language organization. The Burbank-based Hispanic Christian Communications Network says it has obtained the approval of all but one of the board members of the Black Television Workshop for the network's proposed \$2.3-million purchase of KEEF-TV Channel 68." "If consummated, the deal will shatter the dream of black entrepreneur Booker T. Wade Jr., whose bizarre legal battle with federal authorities and fellow Black Television Workshop board members has kept the non-commercial station silent since August, 1987."

"Although the prospective new owners say that they will welcome 'family oriented' programming toward any and all minorities, the Hispanic Christian Communications Network's Channel 68 would be a far cry from the black media powerhouse that Wade first outlined in a 1984 publicity blitz. Originally slated to sign on in 1986 as KDDE-TV - the call letters were later changed for unexplained reasons - KEEF was conceived as the flagship of a national program service that would serve as a rare entry point through the television industry's alleged de facto color barrier."

"Except for Washington-based Howard University's WHMM-TV, there are no black-owned public-TV stations and only a few production companies. Wade persuaded community leaders and the FCC that Black Television Workshop would yield a continuing stream of black programmers and programming. But not only has Wade been unable to deliver on those promises, the 43-year-old attorney and former FCC staff member also has spent the last two years fighting attempts by several original workshop board members to replace him as KEEF's president because of what they charged was his mishandling of the station."

KHJ-TV is no more, according to the 12/1/89 *Times*. "On Saturday, the Walt Disney Co.'s first and only television station will change its name and call letters to 'KCAL, California 9.'"

"In our research, KHJ, after all these years on the air, had a non-entity image," said Blake Byrne, Channel 9's president and general manager. "And we decided we would like to have a name that at least had the potential to create a positive image."

"Byrne said that the station looked at lists of new call letters before settling on KCAL. Two radio stations in Redlands already were using those letters, however, so, Byrne said, KHJ paid them a 'large [undisclosed] fee' for permission to use them too."

"The station first went on the air experimentally in 1931 as Don Lee Television's W6XA0. It became KHJ in 1951. The call letters, one employee said, stood for kindness, happiness and joy. The latter was often difficult to muster in the years before the sale to Disney."

DAVE SINCLAIR (Vancouver B.C.) sent a few clippings. The 4/7/89 *Oregonian* has an article on old collectible TV Guides: "The most valuable issue is Volume 1, Number 1, of April 3, 1953, with a cover photo of Lucille Ball and her '\$50 Million Baby.' Distributed in only 10 cities, this copy of TV Guide may be worth \$300 in excellent condition. Close behind that, at about \$250, is the Sept. 25, 1953, edition featuring George Reeves as Superman. Howard Rogofsky also issues a catalog, at \$1.50 each, from P.O. Box 107, Glen Oaks, N.Y. 11004."

It looks like Ottawa has enough television stations, according to the CRTC. From the 11/13/89 *Playback*: "The CRTC has decided not to grant a license for another independent television station in Ottawa at this time, although it says the potential may exist for another telecaster in that market. In its decision, the commission said the applicants - CanWest Broadcasting, CHUM Ltd.-owned City-TV and Metro TV, a consortium that includes Lavalin and

Allercom - all failed to take into consideration the uniqueness of the Ottawa market in their programming proposals. The commission also said none of the applicants, who appeared at a hearing last June, provided sufficient proof of audience demand or market viability. CanWest and City TV are already planning to refile an application. Metro TV had no comment on future plans."

Dave comments, "A similar situation occurred in Vancouver in August, 1973, when the CRTC denied a license for three applicants for an independent station. The CRTC called for applications a year later and new hearings were held."

A promotional letter from KUTF-TV, ch. 32 in Salem OR describes a new network, RFD-TV, "Rural America's most important network." "RFD-TV has been broadcasting to rural North America for just over a year but has been more than five-years in the making. Started originally to provide the home-satellite audience with free and unscrambled programming, RFD-TV quickly added to its lists of commitments the growing community broadcast stations across the United States. Currently serving more than 40 LPTV/HPTV stations, RFD-TV offers the kinds of programming and service designed to provide a mutually-beneficial arrangement between this network and its affiliates."

"This commercially based network is now under new ownership; committed to providing the financing it needs to go forward. Current plans call for the installation of automatic toning equipment; an increase in production staff; the acquisition of new programming to include locally originated live shows as well as new movie and children's programming packages."

"As we progress together, we'll be developing co-op advertising plans, network graphic/music packages, print/on-air promotional campaigns along

with other incentives designed to help us both develop our audiences."

FCC RULING

The FCC has adopted a procedure whereby an FM or TV licensee or permittee may request modification of its license/permit during the course of a rulemaking procedure to amend the table of channel assignments without risking its license/permit to a competing application.

This rulemaking is the result of a petition by Christian Voice of Central Ohio, which asked the FCC to amend its rules to permit FM licensees to upgrade facilities on higher class adjacent or co-channel frequencies, which included amending the FM table of assignments, without being subject to competing applications, even if there were a change in the station's community of license.

"A licensee might want to use the rule in one of three circumstances. First, a licensee might propose a change in its community of license, but no change in its transmitter site or, for an FM station, its channel class. Second, a licensee might propose to change its transmitter site and community of license. Third, applicable only to the FM service, a licensee might propose to change its community of license and channel class, and possibly its transmitter site as well. However, in no case will we allow a broadcaster to use this procedure if the effect would be to deprive a community of its only local transmission service."

"This procedure will be applicable to exchange of intraband (that is, UHF-UHF or VHF-VHF) noncommercial and commercial channels, but not to interband channel exchanges. The Commission's rules currently permit intraband exchanges, and the procedure should apply to exchanges consistent with our rules."

REF: Federal Register, 8/22/89, p. 26201.

STATION BREAK

WTFDA
P.O. Box 514
Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

FOR SALE - Channel Master and Antennacraft antennas at below dealer cost (see page 37 Dec. VUD). Also - Channel Master and Antennacraft preamps at dealer cost. We pay UPS on preamps. Also - 1989 WRTH at \$13.95 plus postage. 1990 WRTH (when available) at \$18.95 plus postage. The above prices are to Worldwide TV-FM DX Assn. members only. Best time to reach us is weekend mornings (no collect calls please).

Doug Allen - PO Box 5646 - Woodlawn Park CO 80866 (719) 687-3549

YOUR non-commercial ad can appear in the VUD free of charge! Got a piece of DX gear you'd like to sell? Looking for something? Advertise in STATION BREAK. This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers--our trust is implicit, as fellow DXers.

FL Melbourne WAOA 107.1 r, "A1A"
GA Cornelia WCQN-FM 99.3 kr
IL Mendota WGCL-FM 100.1 k
IL Pekin WXCL-FM 104.9 k
IA Sioux Center KTSB 93.9 m
KS Arkansas City KWKL 106.5 r (oldies)
KY Wichita KR88 97.9 m, adult contemporary
KY Georgetown WKTK 103.1 r (oldies)
LA Columbia KCTO-FM 103.1 r, "Unis. oldies."
LA Washington KNEK-FM 104.7 k
MA Brookline WBOS 92.9 mr
MA Hyannis WCOO 106.1 rj, with some new-age music
MS Waynesboro WABO-FM 105.5 r, Unis./
NJ Asbury Park WJLK-FM 94.3 m, "Lama."
NJ Princeton WPRB 103.3 pc, "some classical in addition to their jazz and rock"
NM Las Vegas KBAC 98.1 m, "SMN Wave-new/
NY Amsterdam WKOL-FM 97.7 m, Unis. 41 AC
NY Olean WPIG 95.7 k, "Pig 95"
NC Washington WC21 r, "Classy 98"
PA Mercer WTKT 96.7 rp, not gr
PA Philadelphia WKDU "91.7 ps
WUSL 98.9 rs, both "include some soul"
PA Sharpsville WMGZ 95.9 b, "Joy"
TN Selmer WSIB 93.9 r, "J-94" (strict), mono, possible future call change portended
TX Abilene KHXS 106.3 k (oldies), "Kicks," on/
TX Crystal City KHER 94.3 Spanish, I, mono
TX Laredo KJZ2 92.7 Spanish, latin, stereo
TX Nacogoches KTBO 107.7 r, CHR, "0-107,"
UT Cedar City KBRE-FM 94.9 r, "Rock Hits 95"
VA Broadway WLTK 95.5 gr, Stereo?
VA Richards WRIC-FM 100.7 r (ock), \$?
WA College Place KGTS "91.3 k
WV Danville WZAC-FM 92.5 k, stereo?

On Air, DX Ready (Selected)

TX Bryan-College Station KKYS 104.7, having moved from 104.9, now 50000 h,v; 87 m, \$

Off Air Or Not Yet On

IA Des Moines KUCB *89.3
IA Onawa KOOO 102.3
NE West Point KWPN 107.9
NE Winnebago KSUX 105.7
OK Broken Bow KKB1 106.1, still on 106.3
TX Bridgeport KBTT *90.5
TX Giddings KGID 101.5, nor was it heard on its former 101.7 spot-probably changing over

Deletions-Non DX Targets

MN Ely 92.1
AB Calgary CKO-FM5 103.1
AB Edmonton CKO-FM6 101.9
BC Vancouver CKO-FM4 96.1
MB Winnipeg CKO-FM7 99.1
NB Saint John CKO-FM10 98.7
NF Saint John's CKO-FM11 101.9
NS Halifax CKO-FM9 103.5
ON London CKO-FM3 97.5
ON Ottawa CKO-FM1 106.9
ON Toronto CKO-FM2 99.1
SK Regina CKO-FM8 94.5
CANADA-The CKO Network signed off the air Nov. 10. "It was in the process of being sold to a Quebec-based broadcasting company, although had not gone to a CRTC hearing yet. ... They had lost \$50 million since signing on in 1977. ... CKO Regina, Saint John NB and St. John's NF never made it on the air. ... I can't help feeling that there was some political pressure to turn in all the CKO-FM licenses back to the CRTCI"

F Mistakes, FM Atlas-12 (selected)
DE Dover W292CF 106.3 for WZBH, not WSEA-FM, p. 135 [p. 136
ID Moscow K2681 for KHTR 104.3 r, \$, not 104. /
WV Harrisonville W266AL 100.9 for WRRR-FM 93.9, not 101.7, p. 142
**Just quick note to tell you how much I enjoy your book and am waiting for the next

edition. Could you send any information on subscribing to FMedia?"
SCServices-57, 67, 78.67, 92 kHz (see this feature in FMedia)

NonDXs Affecting DX Targets

(Selected)
AL Montgomery WBAM-FM 98.9 Oldies 98 (not "98")
AZ Mesa KZP-FM 104.7 Mix 104.7
CA Los Angeles KJOL 98.7 Touch 98.7
FL Fort Lauderdale WAXY 105.9 Waxy FM (from "Waxy 105.9") ["102 Country"]
FL Jensen Beach WHLG 102.3 G-102 (from/
FL Mary Esther WY28 105.5 Kool 105.5 (from "B-105"), still r (oldies). Going to a satellite service, with five fulltime employees dismissed. "There'll be a morning show and a live hour in the afternoon," but otherwise little of the day would be local, live.
IL Rockton WRWC 103.1 C-103
KY Springfield WMQO 102.7 Q-102, \$
MN Brainerd KLIZ-FM 107.5 Power-107 (from "Z-107"; fairly strict)
NY Highland WRWD 107.3 Country 107.3 FM (not strict), \$ [(from "Q-98")
NC Fayetteville WDSM 98.1 Magic-98/
NC Goldsboro WKST C 96.9 KT Country
PA South Williamsport WFFF-FM 99.3 The New Fox 99 [(from "Q-106")
PA York WDXA 105.7 Hot 105.7/
TN Kingsport WZXY 104.9 All Hit (SMN)
TN Ren Bank WJTT 94.3 Power 94 (from "Jr-94"), ID with Chattanooga
TX Amarillo KESE 101.9 K-101
TX Dallas-Fort Worth KKDA-FM 104.5 K-104 (back to, from "Hot 104")

Multi City IDs In Use (this feature probably has little relevance to DXing, so I am excluding it from this column)

AM Happenings Most Likely Caused by FM (discontinued from this column, since this is an FM-TV DX club)

FM Rulemakings-No longer to be in this column, because such actions have no immediate effect on FM DX.

See Also December VUD For:

AL Prattville 95.1 calls are WAFX, Pugh, p. 26
CT Bujag, p. 38 raises some interesting points, and as a result I will be more careful what I print in this column. I will strip from it features that relate to the broadcasting industry and other material which makes FMedia unique, except to use some of the industry news at the end to fill out a complete page. I do plan, however, to keep this "See Also" feat ure, even if it repeats information already in the bulletin, as this enables me to give my interpretation to the data-and it seems to be one of the most widely read aspects of "FCC-FM News"
GA Fort Valley *91.3 I list calls as WJTG, not "WJIG," Pugh, p. 26
IA Northwood KPLW 102.7, need to know stereo status, format, any nonID information for this station, Sherman, p. 23
KY Hyden WZQD 92.3 need to know if stereo and format, Dyer, p. 30 [p. 24
MI Bay City WUCX *96.1 TU SCS, Falconer, /
MI Mount Pleasant WMHW *91.5 91 Rock FM nonID, Falconer, p. 24
MI St. Johns 92.1 I list calls as still being WLNZ, Falconer, p. 24
NY Vestal WMMX 103.3 r, \$, Smolarek, p. 24
OH Springfield WAZU 102.9 Wazoo nonID, Falconer, p. 24
SC Greenville *89.3 I list calls as WLFJ, not

"WLFJ," Buntin, p. 31
WI Black River Falls WWIS-FM 99.7 watch for it and let us know if it has stereo and what its music format is, Sherman, p. 23
Class A Stations Eligible to Increase Power-two complete lists of over 680 stations appeared in the Dec. FMedia! Sorry, but it takes too much space to list here.

"Indecency" Continues To Plague FM

Two FM stations are on the FCC's latest "hit list" for carrying allegedly "indecent" material: WZTA 94.9 Miami Beach FL and KLUC-FM 98.5 Las Vegas NV, both of which have been fined \$2,000. WZTA carried the song "Penis Envy," while KLUC-FM aired "Erotic City," by Prince. Three FM stations have been mailed letters of inquiry seeking broadcaster comments: KCCL-FM 95.3 Paris AR, KSD 93.7 St. Louis and WXXR 92.3 New York City. The WXXR complaint is about a Howard Stern show mentioning "penis," "wiener," and "orgasmic." I've been told that WHCN 105.9 Hartford CT at 6:55 each Monday morning uses a nihilistic theme, "Life Sucks and Then You Die," with indecent overtones to it.

Other Small-Print Happenings and FM Industry News

Broadcasters from the U. S., Canada and Mexico held a joint session recently at Williamsburg VA. Representatives of the NAB, the CAB (Canada) and CIRI (La Camara Nacional de la Industria de Radio y Television) agreed, among other things, to review with their respective governments within the next year options for changes to bilateral FM working arrangements which would permit Class A FM stations within 320 km to increase power to 6 kw.

WFMT 98.7 Chicago is being hit by petitions to deny its license by two groups-the NAACP, which wants more than "token employment of blacks and other minorities" (also filing against 12 other IL radio stations whose licenses came up for renewal Dec. 1), and Friends of WFMT. The Friends group contends fraud by licensee, Chicago Educational Television Association, stating that CETA does not have the radio station's best interest at heart, and has diverted monies from a recent fundraiser to its own purposes. The group is afraid WFMT will be sold and the money used to enrich the public TV station. Ray Nordstrand, WFMT president and general manager, who has been with the station 36 years, denies charges of the Friends group. WHYI 108.7 Fort Lauderdale FL has been granted license renewal, to Metroplex Communications. The FCC thus threw out the competing application of Southeast Florida Broadcasting for the station. The challenge to WHYI's license was originally filed in 1987.

Dan Flohr, president Target Tuning, announces production is underway of both a portable model and walkperson-type FM-SCS receiver. The portable SCA radio is designed for maximum sensitivity and small size. For further information contact Target Tuning at 6 Caesar Place, Moonachie NJ 07074; (201) 935-8880. The initial issue of "Radio Waves Dialog," covering Chicago, came here. It includes information on the formats of all main city and suburban stations, including information on the subcarriers of several stations. There's a historical piece, "FM Laughs Last," covering the existences of several long-forgotten suburban FM stations: 731y, h.a.

NWS NEWS

Welcome to the 90's!!!!!!
In this issue:
Matt's DX is hot in October, not in November.
Check out the offset NWS frequencies!
Matt messes up columns.
...and much more!

Matt Sittel
PO Box 21441
509G South Hall, NCSU
Raleigh, NC 27607
(919) 737-5477
(Note re-renamed dorm,
Becomes Wood Hall 7/1/90)
Deadline: 2/1/90

JANUARY 1990

This is a short column this month. Why? Well, I didn't receive any reports. Rather than put this column off again, I thought just keep it short and simple. That's what I did...
Matt Sittel, NWS News Editor

Table with columns for month/year, frequency, power, call letters, and location. Includes data for October 1989 and November 1989.

(I tried to balance these columns up, but as you can see it didn't work!!)

After an exciting October, November DX has fallen off to nothing. As you can see a few days in October produced some fine results. October 25th was the most exciting. I had a meteorology exam that morning at 0855. I left around 0849 with Jacksonville, FL on 30 and 47 on TV. I was AMAZED that when I got back things had shifted and I had WABW-14 at a nice 444 miles! Then WXX75 powered over WXL50, a first for any distant station. (Rocky Mount does sometimes, but it's 66 miles away.) Then I caught my first off frequency as I heard Baxley, GA on 162.525! I'm up to 14 NWS stations now; to nail 3 in one day was a great surprise...but since it's gone downhill. Nothing is going on. Maybe all these bad DX days will be made up for with a whopper DX opening. (I'll probably be out of town or something...)

THE OFF-CHANNELS: When DXing NWS, you know that when you hear a station, it is usually on one of the 3 main channels: 162.400, 162.475, and 162.550. But a few stations operate on either: 162.425, 162.450, 162.500, and 162.525. There aren't too many, but they are out there.

Table listing station call letters, frequency, power, and location. Includes stations like CA Lindsay, CO Fort Collins, GA Baxley, etc.

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NEW YORK 14221

FOR DXers in: CANADA, ME, VT, NH, MA, RI, CT, NY, PA, NJ, OH, MI, IN, IL, WI, MN, ND, SD, NE, IA, MT, WY, IA, WA, OR, AND AK

JANUARY 1990 **DEADLINE: NOW THE FIRST**

HAPPY NEW YEAR!!!

JEFF FALCONER - BOX 63 - CLINTON, ONTARIO N0M 1L0

Equipment: Dynalab FT101A Elude, Creative Design, 25 el log periodic at 28' with rotator, and Dynalab Signal Sleuth RF amp. As of October 14, antenna is Stereo Probe 9 at 25' (pointed South as don't have rotor up yet) fed with RG 11

OCTOBER 9 TROPO SCATTER
2154 WELL 104.9 MI Marshall, k, S. Mich 197
Country ID ment WELL-AM & WALM-AM
2220 WBNO 100.9 OH Bryan, r\$, BNO-FM, rare 212

OCTOBER 12 METEOR SCATTER
1759 KCMW 90.9 MO Warrensburg, "...west 750
Cntrl Missouri is KCMW-FM Warrensburg....."

OCTOBER 13 TROPO-SCATTER
1859 WMUB 88.5 OH Oxford, \$, wx report 329
1929 WSHW 99.7 IN Frankfort, Lafayette ad 342
1935 WMGG 99.7 OH Columbus, classic rock
(\$), Magic 99-7 FM 262

OCTOBER 14 TROPO-SCATTER
2349 WNRB 92.1 OH Bellevue, heavy metal r,
the all new "W-92", distorted audio, screaming
DJs profanity, etc., sounded like a pirate. 174

OCTOBER 15 TROPO-SCATTER
0124 WCJC 99.3 IN Van Buren, k\$, C-99.3, my
Unid of 10/8, CJBC-4 off the air 290
1708 WFPK 91.9 KY Louisville, \$, discussion
of Guy Lombardo and past area concerts 426

OCTOBER 16 TRS/MIS
1907 WZOQ 92.1 OH Wapakoneta, r\$, 92 Zoo,
Limalands' hottest hits, **NOT** Zoo 92 as in Atlas 250
2213 unID 106.3 ?? MS burst "...2106...", Sarasota
FL, or Demopolis, AL possible.

OCTOBER 18 METEOR SCATTER
1836 unID 92.1 MO "...cold with highs only...44 in
Jefferson City, 43 in Columbia, and the..."
Most likely either KMFC or KCBW.

OCTOBER 19 TROPO-SCATTER
2127 WBNS 97.1 OH Columbus, m\$, mixing
with WJOL and WREO 263

OCTOBER 20 TROPO-SCATTER
2008 WXGT 92.3 OH Columbus, The New 92X 262

OCTOBER 21 TRS/AU unIDs after 1530
0123 WPKO 98.3 OH Bellefontaine, m\$, ID 250
1324 WFRN 104.7 IN Elkhart, g\$, promotion
for Petra concert. 262 old r, ID with WSOO AM 239

1337 WTUE 104.7 OH Dayton, m\$, ID or WIOT 304
1340 WLSR 104.9 OH Lima, old r\$, Live 105 240 and quarks pgm, much CFGX 200
1401 WIMT 102.1 OH Lima, k\$, T-102, contest 240
1414 WZQM 105.9 OH Defiance, r, 106Z, u/WJZZ 260
1438 WPFB 105.9 OH Middletown, k\$ "Dayton's
Country Rebel" mood at times over CKMR 309
2346 WYSS 99.5 MI Sault Ste Marie, r\$ Yes 99-5 239
2358 WMQI 107.5 MI Ishpeming, r\$, Q107, 357 with end of news, 93-R, not W-3-R 299

WFNX 101.7
ROCK THE BOAT RADIO

OCTOBER 22 TRS/MIS
0008 WUPQ 97.9 MI Newberry, g\$ Cent-
emporary Christian, "New Q-Light" 269
0028 CKO7 91.1 MI Winnipeg, 10 sec
burst with echo effect w/CKO Toronto

0158 WCSG 91.3 MI Grand Rapids, g\$, wx
for West Michigan 211
1000 WJET 102.3 PA Erie, r\$ Jet FM 102 125
1027 WKKM 92.1 MI Harrison, Baptist
Hour pgm, mono, ID at 1030 as "The
Country King WKKM AM & FM Harrison
WDEE Reed City. 194
1223 WRIZ 106.3 MI Lakeview, r\$, Central
Michigan's star station, WRIZ 187

OCTOBER 24 TROPO-SCATTER
1730 CIGM 92.7 ON Sudbury, k\$, Telemedia
_n_xcast, just put up rotor [Alliance HD-73]
Station #800 (Congratulatory-gc) 200
2025 WATZ 99.3 MI Alpena, k\$, Michigans
great N. Country first 99.3 with CJBC on 138
2226 WIXX 101.1 WI Green Bay, old r\$ 325
2259 WRVM 102.7 WI Suring, g\$, ID 349

OCTOBER 25 TROPO SCATTER
2159 WGMZ 101.7 MI Tuscola, b\$, first time
I've been able to null CKNX, nice to
finally have good antenna with rotator 111

OCTOBER 26 TROPO-SCATTER
2249 WUFN 96.7 MI Albion, g\$, CKGL
completely nulled. 188
2308 WESA 98.3 PA Charleroi, Class FM 252

OCTOBER 27 TROPO-SCATTER
2045 WYCS 91.9 PA California, \$, HS FB 259
2350 WCOA 96.5 NY Fredonia, r\$, Where
_ Chautauqua Comes Alive 136

OCTOBER 28 TROPO-SCATTER
0004 CBCK 107.5 ON Kingston, u/WGPR
with end of nx, CBC Kingston ID 250
0200 WSUE 99.5 MI Sault Ste. Marie,
239

1230 CBCC 99.9 ON Sudbury, Quirks
1246 CBCN 96.1 ON North Bay, same 208

NOVEMBER 1 TROPO-SCATTER
1606 CFMQ 93.9 ON Ottawa, bm\$,
309

NOVEMBER 2 TROPO-SCATTER
2253 WCLT 100.3 OH Newark, m\$ T100 250

NOVEMBER 3 TROPO-SCATTER
1604 CBSM 89.5 ON Sault Ste Marie
_ ID, wx, ID CBC Northern Ontario 242
NOVEMBER 4 M.S.
1357 CHIQ 94.3 MB Winnipeg, "Q94 FM is
Winnipeg's Light Rock Choice..." 868

NORTHERN FM DX

JANUARY 1990

JEFF FALCONER'S REPORT - continued

NOVEMBER 5 TROPO-SCATTER
0200 WIGN 97.7 OH Lima, g\$, Inspiration 97 240
0444 WRCK 106.9 OH Canton, r\$, Rock 107, no legal 249
1351 WPCX 106.9 NY Auburn, k\$ 249
1427 WVPE 88.1 IN Elkhart, j\$, great signal 262

1445 WKSB 102.7 PA Williamsport, old r\$, Kiss-FM,
be careful as WKSJ 102.7 is also "Kiss FM" 279
1614 WMXP 100.7 PA N.Kensington, r\$, Mix 100.7 FM 229
NOVEMBER 7 TROPO SCATTER
2056[WODJ] 107.3 MI Greenville, old r\$, Oldies 107

EX: WPLB 188
NOVEMBER 9 TROPO
1731 CJSD 94.3 ON Thunder Bay, end of sports in \$
"94 FM", nice surprise 496
1757 WDOE 93.9 WI Sturgeon Bay, promo for Sturgeon
Bay Eagles, no CKMR 301

1822 WJMR 101.5 MI Iron Mountain, old r\$ 354
NOVEMBER 9 TROPO-SCATTER
2235 WBVE 96.5 OH Hamilton, k\$, Cincinnati ads 329
2252 WAMO 105.9 PA Pittsburgh, s\$, Hot 106, new noID 233

NOVEMBER 10 TROPO SCATTER
1603 WKYN 97.5 PA St.Marys, r\$, 97-KYN, had just heard
CKO had gone broke and left the air leaving 97.5 and 99.1
DXable again from my QTH (temporarily, hi-gc) 212
1611 WONE 97.5 OH Akron, r\$ 174
1614 WJIM 97.5 MI East Lansing, bm\$ 163

1628 WPKY 97.9 NY Rochester, traffic, r\$, 98PKY 197

REPORT TO NORTHERN FM DX!!!

Well, for the first time I finally have a good FM DX setup. The Stereo Probe has a much narrower beamwidth than the old log periodic. As a result I am able to get a good null on all my locals. Afternoon of October 21 I went up on the roof and turned the antenna to the west [before I had the rotor up]. When I returned to the receiver, all but my locals were being obliterated by aurora. Thought at first I'd loosened the lead by accident. Nothing new logged however. Had Es on November 4 on ch 2-4, nothing on FM. 73 for now, Jeff

BILL NIENAJADLY - 98 HIGHLAND AVE. CLIFTON, NEW JERSEY 07011

NOVEMBER 1 TROPO-SCATTER
0630 WJTL 90.3 PA Lancaster, ID 140
NOVEMBER 2 GW/TROPO
0717 WCNJ 89.3 NJ Hazlet, ID, only 10 watts? 35

NOVEMBER 3 TROPO-E-SKIP
0713 WFOG 92.9 VA Suffolk, nice and easy favorites 317
89.3 DC Washington, ID, more common 207
2330-2345 E-skip on ch2, CCI, no IDs, another area DXer
had channel 3 from Missouri (Springfield's KYTV?-gc)

NOVEMBER 4 GW/TRS/MS WSIA OFF
0019 WMMJ 88.9 NJ Madison, ID 35
0027 unID 88.9 classical music meteor burst
1132 WYYY 94.5 NY Syracuse, Y-94, HI Bill!!! 201
1209 WF7E 92.9 VT Burlington ID State #26 261

NOVEMBER 10 TrS continued
1650 CJMN 99.1 PQ Rouyn, man in French gave ID that
sounded like CJMN, quickly gone, would've been PO#1 277
1655 WCJZ 97.5 NY Watertown, r\$, 97-5 CIZ FM 277
2355 CBCE 97.5 ON Little Current, "Mostly Music" 163

NOVEMBER 11 TROPO-SCATTER
1629 WAAL 99.1 NY Binghamton, r\$, Hot FM 301
NOVEMBER 12 TROPO SCATTER
0300 unID 99.3 ?? UnID Station testing with tones and
music r\$ all morning. Still at it at 0515, no ID ever given
Antenna pointed 120 degrees

NOVEMBER 13 TROPO-SCATTER
2223 WFPK 91.9 KY Louisville, c\$ 430
NOVEMBER 14 TROPO-SCATTER
1815 CKWR 98.7 ON Kitchener, light r\$, "Canada's
first community radio station" Much wanted, 200 w. 49
2246 CBON 188.1 ON Sault Ste. Marie, French talk 242

NOVEMBER 15 TROPO SCATTER
1908 WOVK 98.7 WV Wheeling, k\$ 248
2229 WEEL 97.3 WV Wheeling, m\$, Wheel FM 248
2232 unID 96.1 ?? classic r\$, New Gold FM, to SE

NOVEMBER 17 AURORA A Index-70 K Index-6J
2046 CKME 94.3 PQ Montreal, disco r\$, French, PQ#1
NOVEMBER 18 AURORA
0203 WFCB 94.3 OH Chillicothe, 1, WFC B-94 FM,
Chillicothe, a different kind of radio station 304
0216 CJMN 99.1 PQ Rouyn, Likely the one with French
talk here, CKMF still in

0306 WOZZ 93.5 WI New London, briefly with ID & r
0301 CBMT 93.5 PQ Montreal, r\$, Station with CBC Ster
Network program // CBE 89.9 and CBBL 100.5

NOVEMBER 12 TROPO-SCATTER continued
0952 WLUU 102.5 NY Rome, confirmed by Bill Kretschmer
2000+ troposcatter brief but fierce! WRQX 107.3 DC,
WQSR 105.7 MD, Southwest mainly and unID 92.9 religion
unID 93.3 over WMMR, unID 106.9 over WKDN and more!

NOVEMBER 13 Locals 88.3 WBOG, 96.3 WQXR, 89.5
WSOU, and all 88.7s/88.1s off. Except for unID meteor
bursts and regular TrS-nothing!
NOVEMBER 14 TROPO OUTSTANDING!!
0803 WAAI 100.9 MD Harlock, ID 210
0805 WAMU 88.5 DC Washington, ID Hi Gus!! 207
0820 many stations to the southwest unusually solid!
0823 WQHQ 104.7 MD Ocean City, ID 188
0844 WAFL 97.7 DE Milford, ID 170
0847 WAKG 103.3 VA Danville, strong New Personal

JEFF'S REPORT CONTINUES ON THE NEXT PAGE

BILL NIENAJADLY'S REPORT - continued

November 20: Locals 89.5 WSOU, 89.9 WKCR, 93.9 WNYC, 96.3 WQXR, 101.9 WQCD all off!! Meteor bursts 93.9 b, 101.9 k, , relogs WAVT 101.9 and CFMK 96.3. Finally some great stuff occurred on November 14 with supersolid stuff to the southwest, with WAKG at 415 miles; it was the icing on the cake!! My all time personal trop record. The other side of the coin was November 20-what a bummer! 5 major locals off and next to zilch for DX \$#!@\$\$!!! November 20 at 2200 fierce winds blew my FM antennas down. Sigh, oh well. Might as well send in the report now. (That storm was one of the strongest cold fronts I have ever seen-gc). **HAPPY NEW YEAR and GOOD DXING!! Bill**

TOTALS: 313

FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS 61455

Equipment: Macintosh MR78, channel master Stereo Probe 9 mounted at 45 feet. Occasional usage of another Stereo Probe 9 mounted at 8 feet

SEPTEMBER 16 GROUNDAWAVE

| | |
|--|-----|
| 0059 WCRJ 98.5 IL Eureka, ID, testing with mx | 90 |
| SEPTEMBER 17 TROPO | |
| 0126 KMJX 105.1 AR Conway, | |
| 2145 WWZD 106.7 MS Wizard 106 | |
| 2218 KHAAT 106.7 LA Oldies 106 | |
| 2317 KHA 106.7 LA Port Sulphur, Push you car radio button to Oldies 106.7, New Orleans Weather concert promo (I believe calls are now KQLD-gc) | 775 |
| 2333 WYHY 107.5 TN Lebanon | 380 |
| 2340 WRNQ 99.5 LA New Orleans, jingle thru WQCY! | 740 |
| 2349 KSNE 104.3 AR Marshall | 340 |
| SEPTEMBER 18 TROPO | |
| 0013 WVKZ 103.5 MS New Albany, KZ-103 | 410 |
| 0017 KYMC 89.7 MO Ballwin, mentioned that requests have doubled since power increase, gave calls | 155 |
| 0049 WWZD 106.7 MS New Albany, legal, Pontotoc ad and "Wizard 106" (STRICT), both tents now IDed | 410 |
| 0107 WVIC 94.9 MI East Lansing, calls at tune in I've been at this one forever!! WAAG-IL still off MonAM340 | |
| 0121 KTYL 93.1 TX Tyler, ch 7 ment, calls, weather | 610 |
| 0152 WZEZ 92.9 TN Nashville, EZ songs for EZ people, WZEZ EZ93 (jingle) | 360 |
| 0151 WGTZ 92.9 OH Eaton, New Z-93, then played a request for a Sohio station (Ohio only brand name) KGRC rae silence | 325 |
| 0201 KZLB 94.9 AR Pine Bluff, Kool 95 with oldies Buries Pine Bluff in legal ID (Pine Bluff is the worst city in Rand McNally, is that why the buried it?) | 450 |
| 0210 WKMX 106.7 AL Enterprise, wx, WKMX jingle | 730 |
| 0300 CJQM 104.3 ON Sault Ste Marie, strong! never gives a legal ID | 550 |
| 0310 KGRC 92.9 MO back on with programming | |
| 0358 KYNZ 106.7 OK Lone Grove, legal ID, class A drop in and if so MY FARTHEST CLASS A Tr | 590 |
| 0408 KLUR 99.9 TX Wichita Falls, blood pressure PSA | 625 |
| 0453 KQID 93.1 LA Alexandria, legal ID | 640 |
| 0511 WBWA 105.9 WI Washburn | 425 |
| 0528 KVL 106.1 OK Owasso | 400 |
| 0600 WGNB 88.9 MI Grand Rapids, ID w/WXYB 89.3 | 320 |
| 0611 WWEZ 92.5 OH Cincinnati, calls, time check | 330 |
| 0628 CHAS 100.5 ON Sault Ste Marie, blab, calls | 550 |

NOVEMBER 18 TROPO CONTINUED

| | |
|--|-----|
| 0701 WRHN 100.3 WI Rhinelander, wx, calls | |
| 0715 KMJQ 102.1 TX Houston, Magic 102 | 800 |
| 0725 KNGY 96.5 TX Houston, Energy 96.5 weather (NICE CATCHES!-gc) | 800 |
| 0747 KMCL 101.3 OK McAlester, regional news items | 475 |
| SEPTEMBER 19 TROPO | |
| 0301 KEBQ 94.7 OK Oklahoma City, all OKC except KJYO 102.7 blasting in! | 510 |
| 0305 KVIL 103.7 TX Dallas, jingle strong Metroplex signals on 97.9/105.3/this but faded immediately | 647 |
| 0328 KTOZ 104.9 MO Marshfield, Buffalo ad, then New Country 105 FM and weather | 270 |
| 0355 KLUR 99.9 TX Wichita Falls, stronger than yest. | 625 |
| 0500 KSNR 88.9 MN Collegeville, legal ID, ant. South! | 390 |
| 0720 KMAC 99.1 AR Ft. Smith, calls, temp, time | 430 |
| 0722 KTCZ 99.9 AR Fort Smith, heard this, no dice:93.7 | 430 |
| 0731 KTYL 93.1 TX Tyler, good signal | 620 |
| 0737 KPXL 100.7 TX Mt. Pleasant, NE Texas...X100 | 620 |
| 0751 KZFX 107.5 TX Lake Jackson, Z-107, local ads WHERE IS THIS ONES TOWER? | 840 |
| 0827 KNGY 96.5 TX Houston, surprisingly strong | 800 |
| 0829 KQUE 102.9 TX Houston, ID, buried calls why? | 800 |
| 0829 KMJQ 102.1 TX Houston | |
| 0856 KXKZ 107.5 LA Ruston, jingle, country | 590 |
| 0926 KFMK 97.9 TX Houston, calls, foodorama | 800 |
| 0937 KLDE 94.5 TX Houston, Oldies 94.5 KLDE | 800 |
| 1014 WVEV 106.3 WI River Falls, TONS of reg. news | 350 |
| 1035 unID 95.9 POWER 96 (could be a tad off as I was trying to avoid KMCD-IA), anybody know? | |
| 1050 KEYI 103.5 TX San Marcos, 2 ads, legal ID (Like KZFX I would like to know where their tower is, so that I can know which is my farthest Macomb Tr, as well as whether I've broken my all time record of 843 miles to KRMD 101.1 in Ohio, and Winnipeg 92.1/94.3 in Michigan | |
| 1101 WCAL 89.3 MN Northfield, reg. news, calls | |
| SEPTEMBER 20 TROPO | |
| 0148 WVKZ 103.5 MS New Albany | 410 |
| 0212 KZFX 107.5 TX Lake Jackson | 840 |
| 0250 Little Rock, 89.1/90.5/105.1 | 410 |
| 0302 KNQE 101.9 LA Monroe, calls, FM 102 | 590 |
| 0340 Houston on 94.5/96.5/102.1/102.9 | 800 |

FRANK MERRILL'S REPORT - CONTINUED

SEPTEMBER 20 TROPO cont.

| | |
|--|-----|
| 0430 KGND 107.5 OK Ketchum, noted with mr fomat | 370 |
| 0634 KKTZ 107.5 AR Mountain Home, "keep your dial set on KKTZ 107.5 and 94.3 FM" contest promo | 320 |
| 0723 KHLT 94.1 AR Little Rock | 410 |
| 2000 WHNN 96.1 MI Bay City | 410 |
| 2002 WKJF 92.9 MI Cadillac, Tigers BB, rare here | 420 |
| 2038 WKCO 98.1 MI Saginaw | 420 |
| 2130 WMUZ 103.5 MI Detroit | 410 |
| 2222 KZFX 107.5 TX Lake Jackson | 800 |
| 2230 KKTZ 107.5 AR Mountain Home | 320 |
| SEPTEMBER 21 TROPO | |
| 0000 KTXQ 102.1 TX Fort Worth, lgl ID in & out w/KMJQ647 | |
| 0002 KMJQ 102.1 TX Houston, fourth morning in a row! | 800 |
| 0257 KLQL 101.1 MN Luveme, sign off | 350 |
| 0300 KUTT 99.3 NE Fairbury, legal ID, AP News My first Nebraska Class A | 350 |

SEPTEMBER 21 TROPO continued

| | |
|---|-----|
| 0334 KZFX 107.5 TX Lake Jackson | 800 |
| 0339 KSB 88.3 TX Humble, calls, phone number | 775 |
| 0500 K285DJ 104.9 IA Burlington, legal ID as WCAZ Carthage, 92.1 Keokuk, 104.9 Burlington | 40 |
| SEPTEMBER 27 TROPO | |
| 0600 NO FM Tr, but 500 miles easterly UHF tropo | |
| SEPTEMBER 29 TROPO | |
| 0226 WKRO 101.9 OH Cincinnati, Q102.#1 hit mx stn 330 | |
| SEPTEMBER 30 TROPO | |
| 0301 WESN 88.1 IL Bloomington, "This is WESN Bloomington, The Far Left FM" | 110 |
| 0752 WGLC 100.1 IL Mendota, thru local WKAI | 120 |
| OCTOBER 1 TROPO | |
| 2002 WJMJ 89.5 IL Decatur, legal ID | 130 |
| OCTOBER 3 TROPO | |
| 0802 WYAY 106.7 GA Gainesville | 600 |
| 0811 WIMZ 103.5 TX Knoxville, exc. to GA on TV | 485 |
| OCT.5: WIMZ again 0103, and lots of TV tuff | |

I really enjoyed the September Tr opening, which just sat there for days and allowed good long-haul stuff to pour in a night and around sunrise. I wish the New Orleans stuff had lasted longer because I had certain stuff on other frequencies like 93.3 and 95.7; but I'm not too worried because I am sure I will eventually hear them via Es. A highlight was the 106.7 bonanza, with four new stations, all over 400 miles, logged within 5 hours on the 17th/18th. That reminds me of the Monday Morning in 1982 in Ohio when WEFT-IL, WVIL-IL, WDCU-DC, WRTI-PA all on 90.1, were new for me within a three hour span. It still puzzles me how some Tr can be just incredible on UHF but have no effect on FM, and vice versa. (Maybe the density of the inversion varies, which could favor specific frequencies over others. Just a guess- anyone else out there have the answer to this question?-gc) I should add one more station to my report, though I did not officially ID or log it: Nov 13 GW 1310 KIDS 97.9 MO Palmyra 70 miles, local quality country from SW noted when testing MR78/T9090 at Jeff Kadet's. I was too disgusted to stick around for an actual ID. There are only several "clear" frequencies left here anymore (97.9 was one) and I surely hate seeing them vanish. Goodbye 97.9, you were nice. Oh well, it SHOULD open up 98.3 here. 24 HOURS 7 DAYS

TUNER REVIEW / COMPARISON:

by Frank Merrill and Jeff Kadet- MacIntosh MR78 and Onkyo T9090

13 November 1989, Jeff Kadet's QTH 1400 CST, Stereo Probe 9, Channel Master FM antenna at 45 feet) This was not an exhaustive test, but I feel it was an adequate test which enable me to come up with a valid conclusion. **SENSITIVITY TESTING:**

- (1) WGKX 105.9 Memphis (375 mi). Extremely weak and fady, our threshold of distant daily reception. 20% readable on Onkyo, about 30% on MacIntosh. Difference probably mostly due to slightly better sound of the MR78, though seemed to be a slight increase in signal on the MR78. Not a big difference.
- (2) KKYA 93.1 SD Yankton (400) / KXLP 93.1 MN New Ulm (350) KKYA noted on neither receiver, they are not daily reception here, but they appear on most days. KXLP very weak. just barely there, and no detectable difference between receivers.
- (3) WKWC 90.3 KY Owensboro (260), I decided we should try for WPLN-TN, but this was coming in instead. Both normally fade in and out weakly during the day with WPLN being more common. No difference noted between receivers, in picking up this "g" station.

SELECTIVITY TESTING:

- (1) KEZK 102.5 St.Louis (140) This is right next to hyper-local 102.7 WJEQ (2 miles) so it takes a good receiver to get this. They are SSSE of Jeff's QTH, and WJEQ is approximately NE. Antenna was pointed ESE so that KEZK would be weakened and the antenna would begin to catch the front lobe for WJEQ. During this test, WMDH-IN occasionally jumped on top. Both receivers seemed to be EQUAL in handling WJEQ splash here. Splash was noticeable, but minimal on both. Presumably the MR78 was tuned slightly below 102.5, the T9090 had moderate splatter on 102.5 but equalled the MacIntosh when tuned to 102.475. This was the only test made, because it seemed so valid.

OVERLOAD TESTING

- (1) 105.3 This frequency was chosed because it has severe mixing problems from WKAI 100.1 and WJEQ 102.7. Antenna was nudged to the North until WASK-IN and the WJEQ/WKAI overload were equally as strong on the MR78. Switching to the T9090, WKAI/WASK/WJEQ were also equally strong.

FRANK AND JEFF'S TUNER REVIEW CONTINUES ON THE NEXT PAGE.....

STATION NEWS:

WNYZ 98.7 in Utica, New York has changed format to lite rock ala WLTW New York. Calls are now WLZW, Lite 98.7. No sign of the 92.1 WFBF translator for Clarence, NY According to Frank Merrill, KIDS 97.9 Palmyra, Missouri is now on the air, with country music. KZLR 94.9 Pine Bluff, AR has reportedly switched to "Kool 95", oldies



OVERLOAD TESTING:

(2) When the antenna is pointed directly at WJEQ 102.7, overload tends to "eat up" the high end of the band (above 102.3) on either receiver. If you have extremely strong locals you may, unfortunately need to consider a receiver with good overload figures (and a probable sacrifice of sensitivity). This would especially be true if you're near an "antenna farm" such as Chicago's Sears Tower or Toronto's CN Tower, or you have such superlocals in your favorite direction. Or use a good trap or attenuator.

CAPTURE RATIO: Not tested, couldn't think of a good test.

CONCLUSION: The performance of the MR78 and T-9090 seem virtually identical, which is good news for any DXers who have despaired of the price and/or the hassle of finding an existing available MR78. I probably could have done a more thorough overload test but I had to be somewhere else; and it does appear that there cannot be a huge difference here anyway. I understand the T9090 has been discontinued, so maybe you can find a cheap one. Hopefully the new model adequately replaced the T-9090 as an excellent DX investment! (Frank and Jeff, **Thank you** for doing this interesting article!-gc)

BILL KRETSCHMER - 104 KOPP AVENUE - N.SYRACUSE, NEW YORK

1989 WFTDA CONVENTION DX REPORT

AUGUST 4 TROPO-SCATTER

WSEN 92.1 NY Baldwinsville OFF AIR, T-Storm
WDLA 92.1 NY Walton

AUGUST 4 E-SKIP

KWYR 93.7 SD Winner
KPAT 97.3 SD Sioux Falls

AUGUST 5 TROPO-SCATTER

1700 WBCN 104.1 MA Boston
1703 WLWV 93.7 CT Hartford
1709 WKNE 103.7 NH Keene
1710 WODS 103.3 MA Boston
WKGW 104.3 Utica off most of the weekend

1711 WNCN 104.3 NY New York
1713 WBSB 104.3 MD Baltimore
1720 WPST 97.5 NJ Trenton

AUGUST 5 E-SKIP

AFTER 1800-

CKIX 99.1 NF St. Johns
CBAF20 105.9 NF St. Johns
CHOZ 94.7 NF St. Johns
CBAF24 95.9 NF Sydney
CBAF27 88.7 NS New Glasgow

AUGUST 7 TR-SC WYYY 94.5 OFF

0043 WDAC 94.5 PA Lancaster
0043-0046 series of M.S. bursts
0053 WZOU 94.5 MA Boston
0058 WMAS 94.7 MA Springfield
0129 WCTO 94.3 NY Smithtown
-END CONVENTION 89 DX-

98.5 KRZ

MORE MUSIC - MORE MONEY - MORE FUN

WLZW Utica 98.7 call letter format change November 20, 1989, ex: WNYZ. New Format lite and easy favorites, same as WLTW 106.7 NYC. Running live jocks and no satellite hookup. This station joins many others around the country in the "Lame Radio Network" (LRN). Lite and Easy Favorites like Anne Murray, Hall and Oates, Helen Reddy, Petula Clark, etc, etc. Bob Smolarek and I promo raided the Utica / Rome market November 24th and stopped by and got a tour of WLZW/WIBX (950 AM). We spoke with the announcer and he said most of the jocks hated the new format due to constantly limiting themselves to reading "Q" cards and playing from a small music list. The reason the owners (at WIGY) (Does this mean WIGY switched too, or are they just the same owners as WLZW?-gc) switched is because of the high ratings of WLTW 106.7 New York Running Close to Z 100

73's Bill

Equipment: Realistic STA52 & McIntosh MR-78 FM tuner and 9 element rotary beam antenna.

JULY 16 TROPO

1217 WYJY 94.3 ME Biddleford, m, tough verifier
JULY 23 GROUND WAVE
1010 WBJB 102.7 RI Narragansett, announced classical
till 1300; jazz till 1800, and pop till 0100

JULY 25 TROPO

0225 WUSB 90.1 NY Stony Brook, r
0253 WLTJ 95.7 VA Norfolk, rock oldies (ro), New Y-96
0311 WKTU 98.3 NJ Ocean City, r
0758 WHRO 89.5 VA Norfolk, news
0801 WTEB 89.3 NC New Bern, c
0806 WMYK 93.7 NC Elizabeth City, k (Do you mean s?)
This station is urban-gc)

0837 WNOR 98.7 VA Norfolk, news
0907 WAEX 106.9 VA Suffolk, r, The Fox

JULY 25 E-SKIP

0958 WYEM 89.5 GA Columbus, g
1109 WMAW 88.1 MS Meridian, c
1128 KABF 88.3 AR Little Rock, another tough verifier

AUGUST 1 TROPO

0944 WDME 103.1 ME Dover-Foxcroft, m, played a record at the wrong speed, lots of local commercials

AUGUST 2 TROPO

0302 CUMOT 103.1 NB Moncton, "The Heart and Soul of Rock and Roll", only IDs used are Rock 103, no calls

AUGUST 6 TROPO

0724 WCDQ 92.1 ME Sanford, r

AUGUST 7 TROPO

0244 WPKM 106.3 ME Scarborough-Portland, c, again 0729

AUGUST 29 TROPO

0219 CUMO 103.1 NB Moncton, in again, Rock 103
0221 CKO9 102.7 NS Halifax, all news and talk
0235 CBAF21 107.5 NS Middleton, CBC French network
(CBC Halifax sent a w/q for CBH-FM 102.7!)

This was my first AU experience on the FM band! 'Twas fantastic, with several NC, Delmarva, Tidewater, and South Jersey stations dominating normal signals, even stations in Boston and Cape Cod!

MORRIS SORENSON - BOX 422 - PORT CARLING, ONTARIO P0B 1J0

OCTOBER 4 GROUNDWAVE

2200 CBCQ 91.5 ON Hillsdale, CBC "Ideas" ending, ID for "CBC Southern Ontario service" after CBC National news-good signal but weaker than CBC relay on 105.9 in Orillia (also known as CBCO) and much weaker than CBCM 107.5 Midland, the two stations which it is apparently intended to replace. WXXI would probably cut it up pretty badly in this area during a decent tropo opening.

OCTOBER 11 TROPO

2135 CFMX1 96.3 ON Mississauga (Toronto), classical music, talk by male announcer // CFMX 103.1 Cobourg, some splatter from Penetanguishene on 96.5. This had been one of my most wanted station and closest unheards.

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Pioneer TX9100 tuner, Radio Shack 6 element FM antenna, CAC 11 coax used, with archerrotor as well. Antenna estimated about 25' AGL.

Not much to report-thing have been very busy and not much time to DX at all. On November 4th I did note two new stations on the air: WCIB 89.1 NY Friendship and WCII 88.5 NY Spencer. They relay the network that consists of WCIH 90.3 Elmira and WCIK 103.1 Bath. Also I have been hearing rock oldies to the Southeast on 95.5. I suspect this to be the new WKHL 95.5 Salladsburg, Pa. Only other DX of interest: October 1 (I think): CIXK 106.5 OwenSound, Ontario came over 10 mile local WYRK!! This was quite a surprise. Also, in late November, the CKO network went dark, leaving 99.1 open for about a week for DX. I heard unnn WAAL Binghamton on GW, logged NEW WHFS Annapolis (progressive rock music) and WIYQ Ebensburg, Pa (oldies for Johnstown). Tentatives on Zarepath, NJ (religion), East Lansing, Michigan (Lite rock), Dayton! 380 miles! (country). Now the CRTC has placed a permanent tone on 99.1 until another user can be found #\$\$#@#!!! If you ask me this is just a waste of electricity, and DX! Nothing else DX wise. Thanks for your comments about the new printer-comments are always welcome! And thanks to all who reported in 1989-keep it up in 1990! **HAPPY NEW YEAR!** 73, Greg

PHOTO NEWS

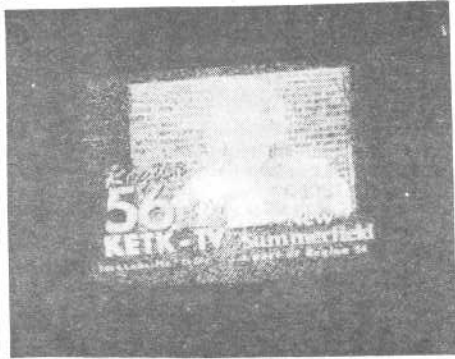
JANUARY 1990 page 1

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 David J. Nieman

Hope everyone had the happiest of holidays and are ready for the 90's. We start off right were we left it with Jeff Kadet - Macomb, Illinois. Equip. Zenith 9" & 12" black & whites, Zenith N1310, Zenith Y1310 all 1979-1982 sets. Antenne: Winegard CS-2073 10 element channel 7-13 log periodic with CP-3800 preamp, RG-11 coax at 80'; Channel Master 7' dish with PA-4975 preamp, 1/2" alum. hardline, at 75'.



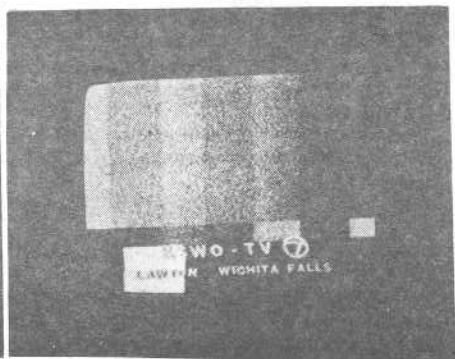
K62DA
 [WREG-3]
 Malden, Missouri
 275 mile tropo
 seen August 30 1989
 at 0333 CDTIME



KETK-56
 Jacksonville, TX
 650 mile tropo
 seen Sept 17, 1989
 at 2240 CDTIME



WNOL-38
 New Orleans, LA
 725 mile tropo
 seen Sept. 17, 1989
 at 0435 CDTIME



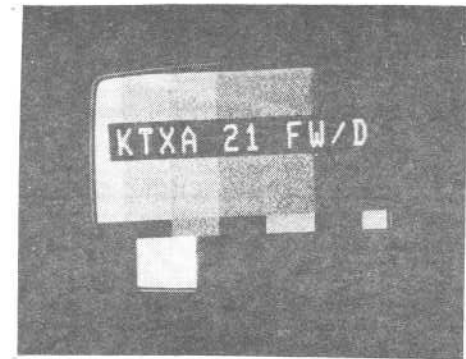
KSWO-7
 Lawton, Oklahoma/
 Wichita Falls, TX
 616 mile tropo
 seen Sept 18, 1989
 at 0226 CDTIME

PHOTO NEWS

JANUARY 1990 page 2

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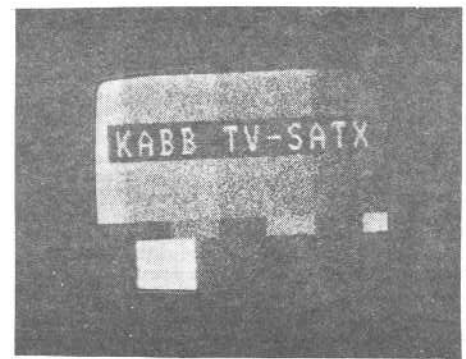
and the dx continues....



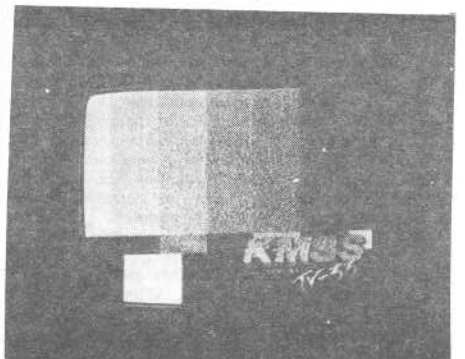
KTXA-21
 Ft. Worth/Dallas
 Texas
 645 mile tropo
 seen Sept. 18, 1989
 at 0424 CDTIME



KXXV-25
 Waco/Temple
 Killeen, Texas
 733 mile tropo
 seen Sept 18, 1989
 at 0426 CDTIME



KABB-29
 San Antonio, Texas
 883 mile tropo
 seen Sept. 18, 1989
 at 0520 CDTIME



KMSS-33
 Shreveport, LA
 567 mile tropo
 seen Sept 18, 1989
 at 0532 CDTIME

TO BE CONTINUED

SOUTHERN FM DX

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

January 1990 **Happy New Year!**

DEADLINE: 10th

For FM DX reporters from AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV.

Not a lot unusual or very extensive coming in lately this time of year DXwise. Things have been all too typically slow in the FM South. Trop this month stays below 350 miles. Adding stations that are new to the air to your log looks to be a good way to get some results out of the current lull as some reporting suggests. In a different matter, the McIntosh gets compared to an Onkyo. If you happen to get some DX, please report it. Let's find out what's going on out there in the world of DXing.

Bill Tomshend, 4500 Conn. Ave. N.W. #901, Washington, DC 20008

| | |
|----------------------------------|--|
| 10/6 tr (at Office) | 10-24 tr |
| 0900 WJBR 99.5 DE Wilmington | 0804 WRDU 106.1 NC Raleigh |
| 10/16 tr | 0815 WSKX 106.9 VA Norfolk |
| 0913 WNCE 101.3 PA Lancaster | 11/14 tr |
| 0922 WDAS 106.1 PA Philadelphia | 0804 WMGK 102.9 PA Philadelphia, Magic-103 |
| 0938 WOGL 98.1 PA Philadelphia | 0812 WWDB 96.5 PA Philadelphia |
| Equip.: Realistic Portavision-55 | 7/2 tr (at home) |
| 73's | 2149 WXRI 105.3 VA Norfolk |

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equip: Onkyo T-9090, McIntosh MR-78 (after 11/14, \$ Probe 9

Many new to the air stations are starting to show up:

| | | | |
|---|-----|--|-----|
| 11/1 gw | 127 | 11/13 tr | |
| 1000 WZLW 97.3 AL Dadeville, \$, rm, new | | 0929 WOUH 103.1 FL De Funiak, nx, ID | 262 |
| 1043 WSIB 93.9 TN Selmer, r/oldie mix, 134 mono, w/ J-94 non ID, new to air (Tell me how you get J-94 out of WSIB!) | | 11/14 tr (incl. WLRH 89.3 at low power) | |
| 11/2 gw | | 1459 WVJC 89.1 IL Mount Carmel, rp, ID | 260 |
| 1257 WAYA 93.9 TN Spring City, \$, Lite oldies, "Way-FM" | 116 | 11/18 trs (DX w/MR 78 tuner) | |
| 11/3 trs | 220 | 1956 WENS 97.1 IN Shelbyville, "lite Rock 97" ID | 335 |
| 1618 WMOG 102.7 KY Springfield, \$, r, "Q102" | | 2009 WHHT 106.7 KY Cave City, r, ID | 179 |
| 11/5 ms | | 11/19 gw (new to air) | |
| 1612 KAJA 97.3 TX San Antonio, "cloudy & ..degrees at KJ-97" | 850 | 1012 WBDX 102.7 GA Trenton, finally gave ID after almost 2 weeks to equipt. testing, still not on full time. WBDX has \$ | 56 |
| 1824 KATX 97.3 TX Plainview, "K-Tex is KATX..." | 860 | 11/20 gw (new to air) | |
| 11/10 tr (incl WTWX off) | | WAVB 95.7 TN Graysville, dual ID w/WAYA | 95 |
| 1830 WQZY 95.9 GA Dublin, r, ID | 240 | 93.9, w/\$ | |
| | | 11/26 tr | |
| | | 1834 103.1 unID ?? "It's the year of the cat, the new Cat 103 FM." | |

Went out and bought the McIntosh tuner Nov. 17 after seeing an ad in the paper. The man who sold it bought it new in 1975 and has taken very nice care of it. Only one problem with the MR-78, the sensitivity is much lower than it should be. But I'm using the Archer FM amp and that brings it up to par with the Onkyo. One thing for sure, the MR-78 works like it should on adjacent selectivity. Aimed at Huntsville locals, the Onkyo will hear a goodbit of splatter on adj. channels, but not enough to bother a strong skip signal while the MR-78 will tune out almost all adj. splatter. And I've received a few stations on the Mac that are normally rare or heard only once before on the Onkyo. But that's the difference between 38 db and 55 db adj. sel. with no trop conditions. I think, for my location, the difference for both tuners are about equal if skip is present. So far, DX has been in a lull since getting the Mac. After 14 years the tuner is likely in need of alignment, maybe the reason for the low sensitivity. The previous owner told me he mostly listened to one station on the Mac, WRSA 96.9 Decatur, AL.

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075

| | | | |
|--|----|--|-----|
| 11/26 gw | | 11/26 ex-gw (new to air) | 150 |
| 1800 K20ZBD 88.3 OK Choctaw, KNYD xlator in eastern part of OKC metro area | 50 | 1900 KWMQ 103.1 MO S. West City, ID, k, \$ | |

Well, this is the time of year when the weather in Oklahoma gets mocked at as being worse than Anchorage's. Winter's chill is coming on unusually strong in Oklahoma, as this is being written, with threat of snow by weekend. Oklahoma doesn't have a monopoly on weather mockery, though. Around Dec. 10th, two 2000' TV towers serving Raleigh, NC toppled from an ice storm. Hopefully, this does not mean the start of a new bad winter. Until next month, hopefully under warmer terms, 73.

HAPPY DXING THROUGHOUT THE 90's!

WESTERN TV-DX

Fred McCormack
Box 9077
Prairiewood Station
Fargo, ND 58106-9077

January 1990

Deadline: 02-08-90
Cut-off: 11-01-89

November 1989 was an uneventful month for the traditional modes of TV-DX propagation. Such was notably not the case for F2 propagation which Jeff Kadet has been monitoring extensively.

Thanks to the careful reading of Western TV-DX by Mike Parks, I have to apologize for a contradiction which crept into the October column. In response to a comment by Jeff Kadet that he doubted if WLKT-62 was still on, I commented that WLKT-62 reportedly went dark on July 7, 1989. However, as Mike pointed out to me, in the same column both Bill Draeb and Nate Ely reported seeing WLKT-62 in August. The Addenda to Television & Cable Factbook which reported them going dark has not reported them back on. Can anyone enlighten me?

New ___ New Mode _ Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - //

CH Chihuahua

Frank Merrill, P.O. Box 669, Macomb IL 61455

EDT/EST

Equipment
Zenith L1310G 13 inch with (Winegard 8100?) combination V-U antenna at 40 feet.

| | | | | |
|---------------------------|-------|-------------------------------|-------|-----------------------------------|
| August 1989 | 18 tr | 0535 KXXV 25 TX 732 | 19 tr | 0549 KCEN 6 TX 733 |
| 3 tr (See Note # 1) | | 0546 WLUC 6 MI 430 | 1100 | KAAL 6 MN 254 |
| | | 0547 WTOL 11 OH 390 | | (SUPER rare) |
| September 1989 | | 0548 WJFW 12 WI 367 | | KITN 29 MN 330 |
| 16 tr 2351 KARD 14 LA 584 | | 0549 KDAP 33 TX 647 | | (Snow free) |
| (See Note # 2) | | 0550 KHTV 39 TX 801 | | WLEF 36 WI 379 |
| 17 tr 0102 KLMG 51 TX 615 | | 0620 WXON 20 MI 405 | | WHMC 28 WI 323 |
| | | 0621 WHTV 9 MI 410 | 2246 | KHBS 40 AR 432 |
| | | 0632 KMSS 33 LA 568 | | (See Note # 5) |
| 0127 WXVT 15 MS 470 | | 0633 KHBS 40 AR 432 | | KAKE 10 KS 410 |
| KASN 38 AR 425 | | (Gets out better than before) | 2328 | KOED 11 OK 410 |
| 0300 WXXV 25 MS 677 | | 0635 KABBt 29 TX | 2331 | KOZJ 26 MO 330 |
| 0359 KQSD 11 SD 577 | | 0640 KAFT 13 AR 370 | | (Rare) |
| 0429 KESD 8 SD 429 | | 0641 KWKT 44 TX 733 | 20 tr | (See Note # 4) |
| 0430 KTSO 10 SD 548 | | 0642 KXLN 45 TX 801 | 0200 | WWTW 9 MI 410 |
| 0510 KTSO 10 SD 550 | | 0643 KTBO 14 OK 510 | | (Readable u/KETC w/antenna south) |
| (See Note # 3) | | 0644 KETK 56 TX 635 | 0305 | KOTV 6 OK 410 |
| 0618 KATV 7 AR 422 | | 0900 KLMG 51 TX 615 | 0403 | KTBCt 7 TX |
| ms 0628 KPRC 2 TX 80Q | | (Tryng for KFAA) | 0630 | WAAY 31 AL 455 |
| 0634 unid channel 6 | | 1930 KATV 7 AR 422 | | WAFF 48 AL 457 |
| ("Fox 6" logo) | | 2026 WWTW 9 MI 410 | 1950 | WCMU 14 MI 371 |
| tr 0656 KOLN 10 NE 304 | | 2200 KGMC 34 OK 510 | | CBLN4 45 ON 430 |
| 0708 KCAU 9 IA 340 | | (See Note # 4) | | WXYZ 7 MI 410 |
| (Blasting!) | | 0235 KTVY 4 OK 510 | 2122 | CKCO1 42 ON 430 |
| 0758 KHGI 13 NE 431 | 19 tr | 0430 WFAA 8 TX 647 | | WKBD 50 MI 410 |
| (Rare) | | 0431 KTRK 13 TX 800 | | WXON 20 MI 410 |
| 0847 KHNE 29 NE 390 | | 0454 K46AH 46 OK 480 | 21 tr | (See Note # 4) |
| 2342 KTVT 11 TX 647 | | (Medford WHO -13) | 0005 | KARD 14 LA 584 |
| KDXT 58 TX 647 | | (Normal KETA-13) | | KETH 14 TX 801 |
| 2354 KXLN 45 TX 801 | | 0503 K30AE 30 OK 480 | | KTBO 14 OK 510 |
| 18 tr 0239 KLTJ 22 TX 820 | | (Alva WHO -13) | | (This combo seen on several days) |
| 0301 KTMD 48 TX 820 | | (Norm- KETA via K46AE) | 0130 | =KHAS 5 NE 406 |
| (Chinese) | | 0507 K44AR 44 KS 400 | | WLEF 36 WI 379 |
| 0325 KSWO 7 OK 618 | | (Salina TBN) | 0136 | KOLN 10 NE 304 |
| 0330 Most Dallas/ | | 0531 KETH 14 TX 801 | | KGIN 11 NE 428 |
| Houston U's | | 0532 KHLV 7 TX 603 | | KELO 11 SD 368 |
| 0334 KTRK 13 TX 800 | | 0538 KHOU 11 TX 800 | | KRWF 43 MN 380 |
| 0501 KETA 13 OK 510 | | K30AE 31 OK 480 | | 0150 St James x1t 320 |
| K36AB 36 OK 618 | | (With KWHB-47) | | |
| (Lawton KETA-13) | | | | |
| 0505 KDOR 17 OK 395 | | | | |

| | | | |
|---------------------------|------------------------|---------------------------------|----------------------------|
| Frank Merrill (continued) | | 28 tr 0800 WYMT 57 KY 461 | 3 tr 0702 WDSI 61 TN 467 |
| | | 29 tr 0315 WSFJ 51 OH 450 | WKSF 61 KY 430 |
| 21 tr 0150 | KWCM 10 MN 423 | WPTT 22 PA 567 | %WTCI 45 TN 467 |
| | (See Note # 3) | WPGH 53 PA 567 | 0720 All KY PBS x35 |
| 0235 | KESD 8 SD 429 | WUPW 36 OH 390 | WBSN 47 VA 498 |
| 0357 | KUSD 2 SD 409 | 0455 WSYX 6 OH 410 | 0743 WETO 39 TN 529 |
| | KCEN 6 TX 733 | (Rare) | (Snow free) |
| 0440 | KTRK 13 TX 800 | 30 tr 0150 Lexington Us 325 | WYMT 57 KY 461 |
| 0530 | WBMG 42 AL 527 | (Snow free) | 0833 WNGM 34 GA 600 |
| 0610 | WAAV 31 AL 455 | 0300 <u>W68BR</u> 68 IL 150 | 0917 <u>WFLI</u> 53 TN 492 |
| 0730 | WAFF 48 AL 457 | (Rockford WCFC-38) | 0930 WFIQ 36 AL 440 |
| | WZDX 54 AL 455 | 0308 <u>W36AO</u> 36 IL 180 | 0940 WVEU 69 GA 580 |
| 0740 | Texas gone | (Palatine VJN) | WCAJ 68 AL 525 |
| 22 tr 0109 | KXTX 39 TX 647 | 0323 <u>W24AI</u> 24 IN 230 | 0946 WJUS 40 AL 560 |
| | KHBS 40 AR 432 | (Michigan City TBN) | WAFF 48 AL 457 |
| 0510 | WHBQ 13 TN 375 | 0336 <u>W22AJ</u> 22 IL 200 | WBMG 42 AL 527 |
| 0640 | KASN 38 AR 425 | (Waukegon VJN) | 1015 WCFE 33 AL 540 |
| 27 tr 0100 | <u>WHSL</u> 46 IL 140 | 0630 W65-- 65 ?? | WLTZ 38 GA 650 |
| | (Home shopping) | (See Note # 5) | 4 tr 0403 WVTM 13 AL 525 |
| 0525 | <u>W51AU</u> 51 TN 529 | | WTT0 21 AL 527 |
| | (Greenville WKPT-19) | | WBMG 42 AL 527 |
| 0530 | Lexington Us 325 | <u>October 1989</u> | 5 tr 0005 TN north AL UHFS |
| | WETO 39 TN 529 | 1 tr 0600 Detroit U's 410 | 0050 WGNX 46 GA 580 |
| | <u>WNRMT</u> 45 NC | CBEFT 54 ON 410 | KARD 14 LA 584 |
| | (CCI only) | CITY2 31 ON 550 | 0059 WTT0 21 AL 527 |
| | <u>WEFCT</u> 38 VA | CKCO1 42 ON 430 | 0115 WAAV 31 AL 455 |
| | (CCI only) | CKCO 13 ON 600 | WBMG 42 AL 527 |
| 0540 | <u>WPDET</u> 15 SC | WTVG 13 OH 390 | WATL 36 GA 580 |
| 0545 | WJHL 11 TN 500 | (Rare) | 0135 WJUS 40 AL 560 |
| | WXON 20 MI 405 | CICO59 59 ON 475 | 0150 WVEU 69 GA 580 |
| 0550 | <u>K45CA</u> 45 MO 200 | CBFLT10 48 ON475 | 0300 <u>W46--</u> 46 ?? |
| | (Cape Girardeau TBN) | CBFLT9 53 ON 520 | (Unknown TBN) |
| | WAFF 58 AL 457 | CBFLT8 61 ON 600 | (See Note # 6) |
| | WTTE 28 OH 410 | 0620 <u>WNYBt</u> 49 NY | 0359 WDBB 17 AL 540 |
| ms 0555 | <u>WECT</u> 6 NC 183 | 0632 WXYZ 7 MI 405 | 0558 WCLP 18 GA 515 |
| tr 0555 | WHNT 19 AL 455 | 0716 CBLN 40 ON 520 | 0605 WHNT 19 AL 455 |
| 0600 | WDKY 56 KY 325 | 3 tr 0522 <u>WLOS</u> 13 NC 555 | 0629 WZDX 54 AL 455 |
| 0626 | WTT0 21 AL 527 | (Bullseye TP) | <u>WCOV</u> 20 AL 612 |
| | WZDX 54 AL 455 | WETO 39 TN 529 | (See Note # 7) |
| 0630 | WTAP 15 WV 488 | 0540 WTSG 31 GA 736 | 1020 WGNX 46 GA 580 |
| | (Rare state) | WPTT 22 PA 567 | WATL 36 GA 580 |
| | WKPT 19 TN 538 | WKBS 47 PA 620 | 1030 WEVV 44 IN 225 |
| | (Over WHOI-19) | WSFJ 51 OH 450 | (See Note # 8) |
| 28 ms 0414 | <u>WCBMT</u> 6 PQ 900 | WJHL 11 TN 500 | 1029 <u>WMTI</u> 41 GA 660 |
| | (Phillips TP) | Lexington Us 325 | 2120 WAFF 48 AL 457 |
| 0430 | CITY2 31 ON 550 | Macon GA CCI on | WZDX 54 AL 455 |
| | CKCO 13 ON 600 | 13,24,41 600 | <u>WXTxt</u> 54 GA |
| | CKCO1 42 ON 430 | 0550 W51AU 51 TN 529 | all fade quickly |
| | Detroit U's 405 | WKPT 19 TN 538 | |
| tr 0524 | WPGH 53 PA 567 | 0553 <u>WTVM</u> 9 GA 650 | |
| | WPTT 22 PA 567 | (0558 sign/on) | |
| 0730 | CITY 57 ON 620 | 0615 WTBS 17 GA 580 | <u>November 1989</u> |
| 0800 | WTSF 61 KY 462 | 0630 WPBY 33 WV 440 | 11 Es 1507 unid ch 2 sw |
| | WKON 52 KY 339 | 0653 <u>WUNE</u> 33 NC 553 | (Briefly) |
| | | (Still no WHNS!) | |

Note # 1 - WTOM-4 MI: I have verified that the "Yesterday, Today and Tomorrow" and "Dairy Queen" ads that I saw were LOCAL inserts, not part of the network, even though the former was a network show. Therefore I have now counted this logging, formerly tentative.

Note # 2 - Time listed here is CDT, for just this one logging, for no other reason than to show that this was the first of SEVEN consecutive dates of gulf coast states tropo. This would translate to 0051 EDT and would show up here as six dates of such tropo, though my logs (kept in CDT/CST) show seven.

Note # 3 - This was first logged at a friend's house (actually the place I lived during 1985-1987, including the 1986 "Thanksgiving feast" etc.) because KTSD-10 is from my northwest and so is WJEC-102.7, which has a nasty mixing product on channel 10 here. Jeff was getting this, and I realized it would probably be impossible from here, so I went over there and logged it. They DID know that I would possibly be coming over.

Frank Merrill (continued)

- Surprise, surprise, I was able to see it here at 0510 in spite of WJEC! For it to come in from that direction, it must have been virtually snow free. And on September 21 I was surprised, for the same reason, to see northwesterly KWCM-10. From the QTH used to log KTSD at 0430, WJEC is to the northeast and somewhat further than it is from here, and it was still a difficult logging from there even in WJEC's null. That QTH is only three blocks from Jeff Kadet's.
- Note # 4 - Stuff seen on almost all of the dates from September 19-21: Dallas U's, Houston U's, KWKT-44 TX, KETK-56 TX, Galveston channels 22 and 45, KMSS-33 LA, Oklahoma City U's and KWTV-9, Tulsa's except KJRH-2. Kansas 10 and 24 were seen twice. Many are listed separately on September 17 and 18 to give some initial perspective on the nature of the openings and some idea of the distances. I also had tentative KABB-29 TX one or two times, but kept having WTTK-29 IN problems.
- Note # 5 - September 30: This could have been WLJC-65 KY, but Lexington's were not particularly strong and this one was watchable. I had it marked down in my notes as WLJC, but now think this must have been a translator somewhere. I did not determine whether it was TBN or not, but Jeff has seen it also, and I think he said it was TBN. Direction was from the EAST.
- Note # 6 - October 5: Offset was 46+ according to Jeff's Icom R-7000, so not Atlanta or South Bend, nor WHSL testing. Direction was definitely a bit east of south. PTA: deep southern Illinois, extreme western Kentucky, "boothill" of Missouri, extreme eastern Arkansas or western Tennessee, or Mississippi.
- Note # 7 - October 5: EGAD! After 28 years of DX'ing in three states, this was my very first logging, EVER, of anything from Montgomery on TV!
- Note # 8 - October 5: Note that WEVV is 44-, not 44z as shown in the Data Base. Correct your books. This had both Jeff and myself fooled, hoping that we were watching WVGA-44 GA.

Total is about 918, plus or minus a couple. For instance, I am not sure whether I have yet eliminated my mystery channel 63, nor even my due southerly channel 45 unknown LPTV (Country Music Television) from my November 1986 loggings, and there could be one or two stations I keep "relogging" that somehow never were initially logged in the first place. My unknown channel 45 could be the same station as the Cape Girardeau (per Jeff) TBN logged above, because there have been other LPTV's that were sold to TBN in the past, such as Ottumwa channel 42. I have never failed to omit at least some loggings of "common" stations on any band I've ever actively DX'ed, but I think I took care of most or all of these omissions during March and April 1986 when I finally logged about 20 stations I thought I had logged before!

There has been no substantial tropo since October 5th, forty days ago as I write this! I was out of town for eight days, however, and I believe I may have missed something during the warm weather around October 13th. I am looking forward to any tropo openings this time of year because, though they are not as common as summertime tropo, they usually are long haul openings, without nearby enhancement (which creates a lot of CCI). The September opening was very much like fall-winter tropo (and so was October 5th).

Hoping that all of you enjoyed your Holidays and found some good DX. 73

(With regard to your "Fox 6" logo seen on 9/17, the only Fox affiliate I know of on channel 6 is KIDY at San Angelo. fm)

(I am surprised to see your report of K44AR, TBN from Salina, Kansas. K44AR was granted channel 15 in Salina to make room for a now defunct channel 44 full service permit. TBN was granted a license for K15CN on October 4, 1988. K44AR has not appeared in the FCC data base since at least January 28, 1989. I don't know that it is on, but possibly you were watching TBN's, K44BQ, permit at Ardmore, Oklahoma. TBN was granted a modification of its permit at Ardmore on May 30, 1989. fm)

(With regard to your channel 65 from the east with possible TBN. Jeff Kadet has reported W65BK at Terre Haute which is in line with Lexington. fm)

(I couldn't come up with much for your channel 46 TBN in the PTA which you defined. Could it have been W46AJ, Cookeville, as reported by Jeff Kadet? fm)

(Regarding your comments about the offset of WEVV-44, don't correct your books, but do add a footnote! In early 1986, the channel allocation at Evansville was changed from 44- to 44z to allow the allocation of channel 44- to Harlan, Kentucky. I assume WEVV-44 is being allowed to operate on the old allocation until such time as actual usage of the Harlan allocation forces a change. This may never happen, but I believe an application is still pending at Harlan, having been dismissed once and reinstated. fm)

Dave Sinclair, 6565 Brooks Street, Vancouver BC V5S 3J6

PDT/PST

Equipment: See November 1989 Western TV-DX

| | | | | | | | | | |
|---------------------|--|----------------|----------------|--|----------------------|----------------|--|--|--|
| <u>October 1989</u> | | | | | <u>November 1989</u> | | | | |
| 9 tr 0630-1355 | | 9 tr 0900 | KBSP 22 OR 288 | | 10 tr 0630 | KATU 2 OR 252 | | | |
| | | | (Over KTZZ-22) | | 21 tr 1030 | KBSP 22 OR 288 | | | |
| | | KUTF 32 OR 288 | | | 1100 | KUTF 32 OR 288 | | | |

Monday, October 9th (Canada's Thanksgiving Day), KUTF came in with varying signal strength for about seven hours, but was not good when they had station identification. They identify as KUTF, channel 32, serving Salem-Portland, and then alternate with other nearby locations. They are a Christian station (KUTF stands for "Keep Up the Faith") and are part of the RFD Network.

KATU-2, Portland received before CBUT-2 Vancouver signed on air.

(Dave would like to exchange TV Guides. Please send him your local edition if you are interested. fm)

Jeff Kadet, Box 20, Macomb IL 61455 (309)-833-1809

CDT/CST

Equipment:

Zenith 9" black & white, Zenith 12" black & white, Zenith N1310, Zenith Y1310 (all circa 1979-1982). Winegard CS-2073 10 element ch 7-13 log periodic with CP 3800 preamp, RG-11 foam up 80'; Channel Master 7' dish with PA 4975 preamp, .500 aluminum hardline, up 75'; Stereo Probe 9 with RG-11 foam up 43'; Finco 5 element 50-54 MHz yagi with Beiden 9913 up 37'

| | | | | | | |
|---------------------|-----------------|-----------|----------------|-----------------|-----------|----------------|
| <u>October 1989</u> | | 3 tr 0640 | WMSY 52 VA 550 | | 3 tr 0912 | WCAJ 68 AL 528 |
| 3 tr 0530 | #WPBY 33 WV 472 | | 0735 | WNGM 34 GA 500 | | (Best ever) |
| 0540 | #WJNF 33 NC 554 | | 0905 | untd ch 33+ sse | 0914 | WMTG 41 GA 662 |
| 0640 | WSBN 47 VA 499 | | | (Country music) | | |

Also two new TBN's logged: W46AJ Cookeville, TN and W65BK Terre Haute, IN

F2 Loggings (Times in CST) (Frequencies in kHz):

- 10/28 - 6 meter antenna finally working.
 10/29 - 1735 46,171.8 (ch 0) Brisbane, Australia video buzz.
 10/30 - 1606-1645 46,171.8 (ch 0) Brisbane, Australia video buzz.
 10/31 - 0849 first ch E-2 video buzz noted; all gone by 0947. Weak video buzz on 45,240.0, probably New Zealand, at 1658.
- 11/ 1 - 0747 ch E-2 fading in. 0855 FIRST VIDEO! 48,258.8 man wearing tie? Had to adjust vertical hold to stop from rolling over. In for about 5 minutes. 1005 48,249.8 strong - north Africa? All ch E-2 gone by 1146.
 11/ 2 - 0757 ch E-2 fading in. 48,258.8 strong with synch bars. 0825 video in for a few minutes on 48,259.0 - Africa? All ch E-2 gone by 1137. 1616 ch 0 video buzz in.
 11/ 3 - 1558 46,171.8 (Ch 0) video in. Monitor in use at the time had no horizontal hold and picture wouldn't synch but DEFINITELY VIDEO. In for about 30 minutes. This station sticks out like a sore thumb because it is so off frequency (should be on 46,250.0) and their audio is known to be on 51,670, equally off frequency. Since this is probably the only TV station in the world ever to be on 46,171 and the direction and time was right, etc., I am counting this as ch 0, Brisbane, Australia.
 11/ 6 - 0805 strong video on 48,259.0 - cartoons? At 1045 looked like end of program then at 1110 had a movie or sitcom. Z23JO in Zimbabwe was coming in on 6 meters, and I had a strange video carrier on 48,250.2 - this them?
 11/ 8 - 0804 ch E-2 fading in. Video buzz on 48,236.4 - very unusual and not heard since. In my fantasies, could it have been the 150 kW station in the United Arab Emirates (worked seconds earlier on 10 meters)? 0941 KP2A Virgin Islands, YV5 Venezuela, and ON5NT/5NO Nigeria all in on 6 meters.
 11/ 9 - 0727-0800 YV5 in again on 6 meters. Also P4 Aruba and the 8 Watt HC2FG Ecuador beacon. Nothing unusual on United States ch 2.
 11/10 - 0802 lots of ch E-2 video buzz in today. 1025 48,250.2 strong. 48,251.9 strong at 1044 beaming north Africa. Ditto 48,252.8.
 11/11 - 0720 ch E-2 fading in. 0853 best ch R-1 video buzz day so far. 49,749.6, 49,752.0 and 49,750.0 strongest. All ch R-1 gone by 0954. In today on 6 meters was 8P6 Barbados, 9Y4 Jamaica, VP2M Montserrat, ZS3DM Namibia, FD1FVP France, GI3PDN Northern Ireland, PA2VST Netherlands, and lots of G's England. 0954 48,252.8

Jeff Kadet (continued)

- strong. 1001 48,250.2 strong. No video today. Some strangeness on ch 2 but hard to tell if it was F2 CCI or meteor scatter.
 11/12 - 0725-0750 some ch E-2 in, but weakly.
 11/13 - 0730 YV5 and HC2 in again on 6 meters. Strange 0 offset on ch 2 - again it could have been F2 or meteor scatter - hard to tell.
 11/15 - 0732 lots of ch E-2 video buzz in.
 11/16 - 0802 more ch E-2 and some ch R-1 video buzz. I missed a big opening to JA Japan on 6 meters around 1619.
 11/18 - 0706 YV5, KP2, and 8P6 back in on 6 meters. Also V47SIX St. Kitts, CT3 Maderia Islands, PJ9EE Bonaire, VP2VI British Virgin Islands with TWO WATTS, PZ1AP Surinam, and KP4EKG Puerto Rico. Lots of weirdness on ch 2, but again I can't swear it was F2 or just a lot of meteor scatter.
 11/19 - A new wireless baby sitter on 49,830.0 right near ch R-1 video - RATS. There is a strong baby sitter on 49,890.0 to the east of here about 1/3 mile in an apartment complex. I was actually considering tracking it down and asking the mother if she wouldn't mind jeopardizing her infant's well being so that I could try for Russian TV, but with this new one it is a lost cause. I decided to disconnect the Advanced Receiver Research P50VD 6 meter post amplifier I was using. F2 video reception EASIER now because of less clutter. 0857 lots of ch E-2 and ch R-1 video buzz, 49,752.6 strongest ch R-1. All ch R-1 gone by 0957. 1106 ZS3E Namibia in strong on 6 meters and strong video buzz on 48,259.0.
 11/20 - 0832 ch E-2 video buzz in weakly. 0907 48,260.4 in strong. 0917 48,250.0 video in strongly with CCI from station on 48,259.0 (from same area?). Looked like women talking around a round table. 1012 credits - end of program? Three video stations in at the same time at 1020. Got photos including one at 1/30 second exposure which has only 3/4 of 2nd interlace completed!
 11/21 - 0821 ch E-2 fading in. 1040 video from station on 48,259.0 in for 10 minutes. 1534 KL7NO Alaska in on 6 meters.
 11/22 - 0835 ch E-2's fading in plus some ch R-1 which was gone by 0905. 0908 strong video in on 48,259.0 with credits rolling - end of program? 0956 video in on 48,250.0 peaking northern Europe. All video gone by 0930. KL7NO in again on 6 meters at 1603.
 11/23 - 0828 three stations battling it out in video - 48,260.4, 48,239.6, and 48250.0. All northern Europe? 0845 ch R-1 VIDEO in strong for about 5 minutes on 49,750.0. Nothing recognizable, but had no CCI unlike a lot of the ch E-2 video. I think this is either POLAND or the 240 kW station in LENINGRAD. 0950 strong video in on 48,260.4. Think it was a sports program as there was a lot of motion and every few minutes they went back to what looked like a scoreboard. 0942 strong video on 48,250.0 - heavy set man with white hair, "Gene Scott type", pictured chest up. 0946 just before fade out this station came in extremely well with little ghosting and no CCI. Photo sent to Vaennes, SWEDEN - think it was them. 1021 OX3VHF 20 Watt 6 meter beacon in Greenland in well next hour plus. 1427 four Alaskans on 6 meters plus VY1AU in Whitehorse, Yukon. 1520 strange happenings on ch 2. Was trying for Alaska (either - or + offset) when a strong 0 offset came in for about a minute. Maybe something in British Columbia??
 11/24 - 0829 lots of ch E-2 and ch R-1 buzz in. 0850 48250.0 video in off and on for the next hour. Same station as yesterday? 0955 had a man wearing dark rimmed glasses with head shot and lots of hand motion. 1002 rolling credits (end of show?) then into cartoon (an ad or a promo?). Photo of man with glasses being sent to SWEDEN also. 1007 all video gone. 1036 video in weakly on 48,259.0.

Five straight days of F2 video as this is being typed. I urge all of our European members and readers to PLEASE try to log the exact frequency of all channels E-2 and R-1 video carriers. This is all like a giant puzzle and more of the pieces are filling in every day. All listed video carrier frequencies are accurate to within 300 Hertz.

Thus far, 20 video carriers have been logged on channel E-2 and 7 video carriers on channel R-1. They are (* video seen):

| | | | | |
|---------|-------------------|----------|---------|-------------------|
| Ch E-2: | 48236.4 | 48247.7 | 48250.8 | 48258.8* |
| | 48239.6* (2 stns) | 48247.9 | 48251.9 | 48259.0* |
| | 48242.3 | 48249.8 | 48252.8 | 48260.4* (2 stns) |
| | 48245.0 | 48250.0* | 48256.7 | 48263.2 |
| | 48246.2 | 48250.2 | | |
| Ch R-1: | 49739.6 (2 stns) | 49750.0* | 49752.6 | 49760.4 |
| | 49749.6 | 49752.0 | | |

Jeff Kadet (continued)

Any help on the unids from our foreign (or U.S.) members will be greatly appreciated.

A few updates from my last report: The CBFAT-5 logging on August 4th was probably not them (listed as 665 Watts), but rather a higher powered relay of CBMT-6, probably CBVD with 17.1 kW. I saw a test pattern parallel to CBFT-2 which was coming in at the same time, so assumed it was a CBFT relay; but Fred says CBFT and CBMT use IDENTICAL test patterns, so the CBVD makes more sense.

Also that "blackout effect" with the R7000 video adapter in black and white was due to the signal being fed through my VCR. When hooked up directly to a video monitor, the R7000 video adapter does a good job, though it still is not quite as good as the Zenith N1310. For this F2, I am using a black and white monitor with both vertical and horizontal hold controls (not easy to find anymore). It will probably be impossible to ID any of this F2 video from the screen. The best way to describe it during a big opening is that it looks just like scrambled video with severe ghosting and CCI. Even with the proper type of TV set, ID's would be very hard due to the severe ghosting.

(Two possibilities for your unid channel 33 are W33AN, Union City, Tennessee, and W33AO, Clarksville, Tennessee. I have no knowledge that either of these are on, but they are old enough permits that they will soon be cancelled if not built. fm)

Michael Parks, Route 1, Box 103, Amery WI 54001

CDT/CST

Equipment:

Channel Master 1110 Quantum with Channel Master 0064C preamplifier and RG-11U at 28', Antennacraft P-7 with Winegard PA-4975 preamplifier and RG-11U at 33', Alliance HD-73 rotor, Winegard DA-8150 post-amplifier, Channel Master 7206 HI "Q" trap, and Zenith Z1920W 19" color TV.

September 1989

| | | | |
|------------|------------------|------------|---------------------|
| 18 tr 0112 | KCRG 9 IA 214 | 20 tr 2348 | WNDU 16 IN 402 |
| | (Over KMSP- 9) | 21 tr 0016 | KAUT 43 OK 731 |
| 17 tr 2314 | KOZK 21 MO 567 | 0114 | KGAN 2 IA 215 |
| | KSPR 33 MO 567 | 0115 | KRCG 13 MO 464 |
| | KDEB 27 MO 568 | | (WEAU-13 off) |
| 2315 | WADLT 38 MI | 0129 | KMIZ 17 MO 458 |
| 2316 | WFAT 39 IN | 0132 | =WEEK 25 IL 358 |
| 2317 | KTAT 49 KS | 0140 | KNLJ 25 MO 463 |
| 2318 | WTJR 16 IL 378 | 0302 | @WQAD 8 IL 298 |
| 2344 | KYTV 3 MO 570 | 0335 | KPLR 11 MO 486 |
| | KOLR 10 MO 567 | | (KARE-11 off) |
| 18 tr 0008 | WUHQ 41 MI 391 | 0347 | WWMT 3 MI 386 |
| 0012 | WSBT 22 IN 401 | 20 tr 2302 | KSNT 27 KS 471 |
| | WHME 46 IN 404 | | KSPR 33 MO 567 |
| | WNDU 16 IN 402 | | KGMC 34 OK 733 |
| | WMBDT 31 IL | 2307 | KMCI 38 KS 473 |
| 0016 | KDNL 30 MO 482 | 2308 | KSHB 41 MO 453 |
| | KNLC 24 MO 495 | | KZKC 62 MO 451 |
| 0021 | WXMI 17 MI 384 | 2309 | KYFC 50 MO 455 |
| 0030 | WFFT 55 IN | | KCPT 19 MO 451 |
| 0031 | WRGT 45 OH 566 | 2310 | KTAT 49 KS |
| 0037 | WOTV 8 MI 384 | 2312 | KDNL 30 MO 482 |
| | WZZM 13 MI 346 | 2318 | KDAF 33 TX 921 |
| 0053 | WFIE 14 (KY) | | (New tr st and |
| 0054 | WHOI 19 IL 355 | | new UHF record) |
| | WOTO 35 IL 331 | 2320 | KWHB 47 OK 672 |
| 0102 | @KOA 15 IA 307 | 2336 | KDEB 27 MO 568 |
| 0103 | @KJMH 26 IA 322 | 2343 | KOZK 21 MO 567 |
| | KOCR 28 IA 228 | 2348 | KSNF 16 MO 587 |
| | | | (Decorah w/WLAX-25) |

This was certainly the best September I've ever seen. The Springfield, Missouri UHF's were in so much I almost had their program schedules memorized. The Oklahoma City UHF's were in for the second time in four months and at long last I got to see past them into Texas, although only for about a minute. That gave me just enough time to determine KDAF-33's programming and go searching for the other Dallas-Fort Worth UHF's - none of which were in evidence - leading me to suspect Shreveport instead, but the programming did turn out to be Dallas.

After all that, October sure was a big let down with not one station received. Seems this happens to me one or two months out of every year.

Michael Parks (continued)

I hope someone knows for sure where that channel 60 TBN is. Direction was to the south with the two most likely candidates being K60DS, Rochester, and K60DJ, Cedar Rapids, but it seemed too weak to be the former and too strong to be the latter and neither have been reported on the air. I believe this and the religious channel 60 I received on July 7, 1989 are one and the same. 73, Mike

(Mike, I believe you are correct in your choice of the two candidates for your TBN logging on channel 60. Nate Ely also saw TBN on channel 60 on November 26. With his determination of a St. James, Minnesota bearing, it seems that K60DS at Rochester is probably operational and was likely the source of both of your observations. It bears further checking. fm)

Nathaniel Ely, 3810 Sycamore Avenue, Madison WI 53714

CST

Equipment:

UHF - Channel Master 7' parabolic, PA 4975 preamplifier, .412 hard line, 60 ft DMX-68 tower. VHF - Delhi 307, Channel Master 0061c preamplifier, .412 hard line, 60 ft DMX-68 tower. HD-73 rotors.

November 1989

| | | | |
|------------|----------------------|------------|-------------------|
| 26 tr 0358 | K39AS 39 IA | 26 tr 0618 | K60-- 60 MN |
| | (Marshalltown Ch Am) | | (Unknown TBN) |
| | | 0500 | K25DE 25 IA 230 |
| | | | (Ottumwa KDSM-17) |

Very sparse DX for a November. Perhaps others did better. On channel 39 from Marshalltown, Iowa, apparently Channel America does the ID by running a scroll of ID's for their affiliates. This allows a legal ID at the top of the hour. A great "ID"ea.

I finally have a VHF set up. The new tower was completed on November 11th. This place looks great with two towers in the backyard. Truly a "DX Ranch" now.

The 307 is the same antenna that was made by Jerrold, but now they are only made in Canada under the Delhi nameplate. It is comparable to the Quantum 1110. There are some minor differences - the nulls aren't quite as deep, yet the side lobes aren't as strong either. The front to back ratio seems much better. I can't tell if the FM blocking elements help much (probably they do, but difficult to evaluate).

Local LPTV, W54BH, is now a Video Jukebox. The upside is an automated legal ID. No more calling themselves WSSM!

I took down my "screened" Delhi fed UHF dish for the winter. Too much icing and windloading. I have a standard Channel Master dish up until spring.

Bye for now, Nate

(Nate, see my comments above about channel 60 with TBN. fm)

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CST

Equipment:

VHF: Broadmoor 9" black & white, Winegard CS-4053; UHF: Rembrandt VA133 tuner, Winegard CH-9095, Blonder-Tongue CMA-Uc preamplifier; Alliance rotor.

November 1989

| | | | |
|------------|------------|------------|---------------|
| 29 Es 1955 | XEPMT 2 CH | 29 Es 2008 | KNMET 5 NM |
| | | | 2018 |
| | | | KKTO 2 NM 915 |

It was nice to see a little E skip. I don't believe I have seen much before in November. It's a shame I don't have any equipment for monitoring all of the F2 being noted this winter. In 1979, on a number of occasions, I monitored BBC1 on the old channel B-1 (41.5 MHz) and TF1 on the old channel F-2 (41.25 MHz). On one occasion, I monitored BBC1 on the old channel B-2 (48.25 MHz). Based on Jeff Kadet's report, if British television was still using channel B-1 it would now be regular reception.

BOB SEYBOLD - 10567 BENNETT RD - DUNKIRK NY 14048

There has been some DX lately so here's a report on some of it. Aug. 10 - 15 occasional tropes to 400 miles, Ft. Wayne, South Bend, Indianapolis, Columbus, Dayton, Battle Creek, Grand Rapids, Flint, Ann Arbor, Lansing, Saginaw & other U's usually 7 - 9 AM and evening tropes. A couple of E-skip openings - Dakotas, Nebraska, Kansas, Florida, & Gulf Coast. August 16 - tropes evening - WCMU-14 Mt Pleasant, WUCM-19 Saginaw; WANE-15 Ft. Wayne, WNDU-16 South Bend, WPTA-21, WKJG-33, Michigan U's 23, 25, 28, 26(LPTV Detroit), 31, 35, 38, 41, 47 - Sandusky 52, Ontario U's 15, 18, 22, 32, 56, 64, 55(2), 42(2), 45, 34, 68 all quite strong; Dayton, Columbus, Lima U's. August 17 - almost repeat of previous day except Pittsburg U's above normal & logged new channel 10 Jamestown through Altoona channel 10. August 18 - E-skip opening noted rising about 0730 EDT - strong opening channels 2 - 6 and FM. It continued till about 1700 but lost intensity after 1200. Some seen: WBRZ-2 KATC-3 KBTX-3 WWL-4 WEAR-3 WEDU-3 WPBT-2, Mobile 5, New Orleans 6, Shreveport 3, Oklahoma 2,3,4,5,6, not alot of time to observe but was good opening - ID's quite easy at times. Tropes opened up in evening although there was some left over tropes from night before. Evening opening - WCMU-14, WUCM-19, Green Bay 26,32,38 - 32 very good. Madison 15 & 27 briefly also 21 - Michigan U's quite good but not Detroit. Also noted Chicago 26, 32, 38 at 0315 EDT next morning. August 19 - not much of anything. August 20 - AM - tropes, Dayton 22 & 45, Columbus 28 & 34; Newark 51 - Springfield 26. August 21 E-skip evening channel 2 - 4 no IDs; Tr WANE-15 WPTA-21 August 22 E-skip evening channel 2 - 4 again no IDs. August 23 - E-skip evening, Denver 2, unided 3 - strong. Tr - WANE-15, WHIZ-18 - Dayton 16, 22, Columbus 28. August 24 - AM - tropes - South Bend 16 good, also 22, 34, 46. Ft. Wayne 15, 21, 33, WHIZ-18 - Sandusky 52 - Newark 51 - Columbus 28 - Springfield 26; Chicago 26, 32 & 38; WBGU-27. August 25 - good tropes - Indiana U's up, getting better in evening and all night. South Bend, Ft. Wayne, Marion, Lafayette, also WCMU-14 - Madison 15, 27, Green Bay & Chicago all in briefly - Angola 63 in - Ohio, Michigan U's, etc. August 26 - excellent tropes - Indiana U's super, some in all day - Angola 63 best ever + WMCC-23, WLF1-18, WICD-15, WICS-20, Chicago 26, 32, 38 weak; South Bend 69 (new), Michigan U's up - lots of strong signals. August 27 - South Bend U's, Ft Wayne U's, Chicago 32, 38 & 26 - Sandusky 52, Canton, Cambridge, Lima, Columbus, Angola 63, WMCU-14, WLF1-18 (in AM); evening - Canadian to north & N.E. - 42, 34, 55, 15, 32, 44, 38, 53. August 28 - AM - Green Bay 32 & 38, WCMU-14, WUCM-19 - Michigan U's, 23, 25, 26, 28, 31, 35, 38, 41, 47, 66 (Flint), Sandusky 52 - Toledo 48 - Canadian U's 15, 55(2) 42(2), 51, 34(2). 8 days in a row for DX, tropes good to excellent most days. A couple days 300 - 400 mi. stuff in all day but always improving late in evening as humidity rises. No super long stuff but good run on 250 - 500 mile stations especially to the west. The Buffalo boys did not seem to get much of this - I wonder why? Looking to good September. E-skip running late this season.

GERALD H BARKOW - 29 SEDGEFIELD DRIVE - MORRIS PLAINS NJ 07950

May 18 Es 2000 WPBT-2 FL, 2025 WEDU-3 FL, May 30 Es 2058 UNID-3 CBS, May 31 Es 2300 KIMT-3 IA, June 08 Es 1116 UNID-3 CBS, June 14 Es 0745 UNID-2 NBC, June 15 Es 1758 WPBT-2 FL, June 16 Es 1532 WPBT-2 FL, June 20 Es 1914 UNID-2 PBS, 2100 WBRZ-2 LA, June 23 Es 2000 UNID-2 PBS, 2100 WBRZ-2 LA, 24 Es 1000 UNID-2 NBC, 25 Es 1252 WBRZ-2 LA, 1254 WMAB-2 MS 1040, 1300 WLBT-3 MS, 30 Es 1559 WPBT-2 FL, July 01 Es 1610 UNID-3 ABC, July 03 Es WKRN-2 TN, 1953 WBRZ-2 MS, 1958 WLBT-3 MS 1040, 1959 WRBL-3 GA, July 04 Es 0859 KETS-2 AR, 0930 WBRZ-2 LA, 1655 WRBL-3 GA, 1725 WDSU-6 LA, 1759 WLBT-3 MS, 1830 WBRC-6 AL, July 05 Es 1902 KBJR-6 MN, 1914 KDLH-3 MN 960, 1928 WPBT-2 FL, July 07 Es 1037 UNID-2 NBC, 1240 UNID-6 CBS, 1700 CBHT-3 MS, 1815 UNID-2 PQ, July 09 Es 0820 UNID-2 PBS, 0900 UNID-2 CBS, 1030 WSB-2 GA, 1135 WMT-2 IA, 1700 UNID-2 PQ, July 10 Es 1804 WISC-3, July 17 Es 1830 2025 UNID-2 PBS, July 18 Es 2025 UNID-2 PBS, July 21 Es 1640 UNID-2 ABC, July 22 Es 1929 WSAV-3 GA, July 23 Es CBHT-3 MS, July 25 Es 0959 WESH-2 FL, July 28 Es 2122 WESH-2 FL, July 31 Es 1023 UNID-4 CBS, August 01 Es 1815 WPBT-2 FL, 1900 WESH-2 FL, August 03 Es 1539 WBRZ-2 LA, 1758 WESH-2 FL, August 04 Es 1815 CBHT-3 MS, 1821 UNIDS 2, 3 PQ, August 06 Es 1100 WBRZ-2 LA, 1258 WMAB-2 MS, August 18 Es 0900 UNID-2 PBS, 1530 WBRZ-2 LA
Having just completed my 29th year of TV-DXING in northern N.J., I would rate this past season as being mediocre. The April thru June period produced well below average results, as most openings were of short duration and low intensity. Activity perked up in July, with the 4th being the best opening this year. July also produced 3 separate openings to Canada. Disappointing this season has been the lack of openings to the mid-west. High-lites: 5/31 no activity all day until late night opening developed to the midwest w/clear ID from KIMT-3 @ 2300. 7/5 produced a very intense but short lived opening up to channel 6 from Minnesota lasting about 45 minutes. KBJR-6 in like a local @ 1910 with KDLH-3 @ 1920, then faded out 5 minutes, when opening developed to Florida with WPBT-2 ID @ 1925. 7/9 CCI started @ 0800. WSB-2 signal destroying local WCBS 1020-1040, then Es moved north-westward to Iowa with WMT-2 ID'ed @ 1135. CCI quickly faded by 1145, only to return @ 1700 with UNID-2 French Canadian.

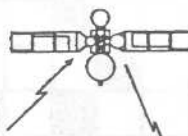
WILLIAM WYLLIE - 95 PECK STREET - FRANKLIN MA 02038-2217

June 12 Es 1158 WSIL-3 IL, July 04 Es 1740 WWAY-3 NC, 1740 CJCN-3 NF, July 05 Es 1900 KDLH-3 MN, July 07 Es 1730 CJCN-3 NF, 1730 WSIL-3 IL, July 10 Es 1845 WCBD-2 SC, 1845 WSAV-3 GA, July 11 Es 0015 UNID-2, 1730 WSIL-3 IL, 1730 WISC-3 WI, 1800 WMMT-3 MI (first time logged), July 18 Es 2000 WEDU-3 FL, July 21 Tr 0126 WCSH-6 ME over local, August 04 Es 1810 ???-4 CANADA with CBC NEWS, 1815 had FRENCH NEWS, 1812 KDLH-3 MN, 1920 WISC-3 WI All loggings except WCSH-6 logged at PRUDENCE ISLAND, RI on ZENITH black & white TV. Did more FM loggings this summer, but did get some great TV in July.

MORRIS SORESENSEN - BOX 422 - PORT CARLING, ONT POB 1JO - CANADA

July 25 Es 1055 WBRZ-2 LA, 1100 WLBT-3 MS, 1131 WMAB-2 MS, August 28 Tr 2110 WBKB-11? MI T, 2115 WWUP-10? MI T, Northern Mich. & Sault Ste. Marie, Ont. in well on FM at time.

COMMENTS FROM YOUR ETV-DX EDITOR.....I still have MANY more reports to go thru and will continue with them in next months column. Still to come are reports from MATT SITTEL, GREG CONIGLIO, MIKE REID, FRANK WHEELER, BILL NEINAJADLY, ROY BARSTOW, TOM BRYANT, SAUL CHERNOS, ROBERT & VICKIE GRANT, JEFF FALCONER, PETER GEORGE, JIM RENFREW, MICHAEL HOLLIS, ROY BARSTOW.....I would like to say that this is not an easy job as many peoples reports are hand written rather than printed or typed. I must say its hard to read some of them! I have a copy of the guidelines for reporting to the V.U.D. columns written up years ago by DON RUHLAND, it's a classic piece of work that every one should read over.....have asked the editor to re-print it.....73 until next month, RON



SATELLITE NEWS

GEORGE W. JENSEN
4604 Annapolis Avenue
Baltimore, MD 21206-4220

Hope you all had a great holiday. Lots of odds and ends this time around.

Many thanks to Bernd Trutenau of West Germany for IDing my Morelos mystery SECAM pattern as probably Poland. Now the question is why were they on Morelos? Now I have another strange TP observed on PanAmSat Ku. This was relaying direct from Europe network news feeds of the events in Berlin. A European test pattern was used with the letters ODKJ. A new one on me?

A new Intelsat has been testing at 37 West with a powerhouse signal here. Many thanks to Mark Long of the 1990 World Satellite Annual for IDing this one. It will eventually be moved elsewhere, but was placed at 37 West for coverage by the news networks of the Malta Summit. Approximately 4 transponders were used by the US networks and Japan as well. This was Intelsat VI F2 which may move to 24.5W. This was launched October 27th
The H30 Comedy Channel is definite on K-1 parallel to Galaxy I.

The Viacom News Channel is operating on Satcom 2 XPDR 7V.

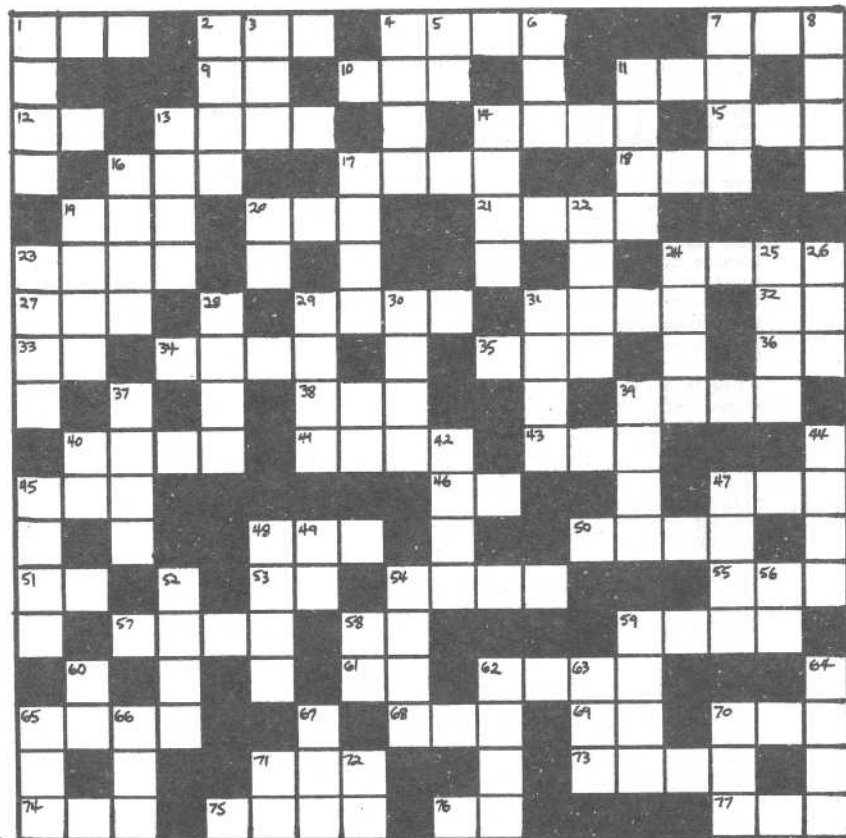
Telemundo is moving to Spacenet 2 XPDR 7 or 9. Is currently testing.

Worldminitor feeds were noted on SBS 4 (Ku)

CKO - the Canadian News Radio went bankrupt and its feeds are now silent.
Have noted another French radio station being subcarried on Europe 5 Quebec - Anik D2 XPDR 17. (this used to be TVPQ 99)

3 Angels appears to be on Satcom I Xpdr 16, but is off a good hit lately.
That all folks - see you in 30. '73's and good DX in the 90's.

A GIANT TV DX CROSS- WORD!!!



ACROSS

1. Crescent City CBS
2. KING's Portland cousin
4. Mark Twain would have seen this
7. Cleveland's seen this twice
9. Just say --!
10. --- in the sky
11. Was Post-Dispatch tv companion
12. Former spouse
13. KY NBC w/IN xmtr
14. originally WPRO
15. Home-base for MTN
16. Biggie in 'Bean Town'
17. Calls York (+ others) home
18. Regional network in Manitoba
19. one time NY nine
20. 12 across was probably this
21. Where Carson started (+T)
23. don't hold the Mayo..now KTTC
24. This Sunflower got a '10'
27. Old call in Idaho Falls
29. Just Fine(d) in Kansas City
31. CBS for Tara
32. Kennedy's -- 109
33. Indian abode
34. Shared time with KOY-tv
35. CTV in Winnipeg
36. Dragnet's venue
38. chow down
39. KELO-land Es regular
40. CJBRT competitor
41. ABC in Evansville
43. director's signal
45. now KTVY
46. audio/visual medium
47. on State St., that great street
48. Was licensed to Davenport
50. Former Mitchell/Hee Haw call
51. a Capitol place
53. Nero's nine
54. hee KFEQ
55. astronaut feat
57. moved from 4 to 3 in GA
58. monster name
59. do you know this Memphis U?
61. pertaining to
62. you may have known it as KCKT
65. almost like news
68. Bermuda's first
69. informal greeting
70. PBS in Madison
71. auto engine design feature
73. Deep in the heart of Texas
74. preceded KHJ
75. First in Saskatoon
76. what DXers like to see
77. Paper that owned ex-KMJ

DOWN

1. NBC in Peoria
2. Used to be KDAI
3. Head of state
4. Seattle's first
5. Not she
6. European mountain
7. PBS in Nashville, TN
8. Tallahassee's 27
11. Was KGLD
13. Transmitter on Red Mtn.
14. Crosley flagship
16. Now WOTV
17. Big skipper from Buffalo
19. Dead in Rossville
20. electronic hunter's prey
22. They're '4' Oak Hill
23. CBS for 'Garden of the Gods'
24. moved to West Monroe from KS
25. Sister of 39 across
26. travel term
28. Ozark 'color'
29. Ch 3 serving Moscow
30. CBS in OKC
31. Queen City's 12
37. Hates 'Sink the Bismarck'
39. HQ for 39 across & 25 down
40. Half of 2 in Regina
42. Bluegrass U
44. High atop Hogback Mtn.
45. Reincarnated in Boston
47. PBS in NYC
48. Onondaga's 10
49. Babe the Blue --
52. Big bender
54. Was 9 in Kalispell
56. short for very
58. coffee, tea, -- me?
59. has weak signal in Broward Cty
60. Not you
62. Coverage includes Monahans
63. Nipponese giant
64. Bats might like this one
65. Deleted 19 in Cleveland
65. U. of Iowa commercial operation
67. Pioneer in Spokane
70. Cox Bdcstng flagship
71. -- Thee I Sing.
72. metric measurement

SUBMITTED BY: TOM BRYANT
(ANSWERS IN NEXT MONTH'S V.U.D.I.)

modify your radio for better selectivity

by BILL NIENAJADLY

By simply changing the ceramic filters in your tuner/radio a noticeable increase in adjacent channel reception should result. This DX-ER replaced the FM ceramic filters in his G.E. SUPER-RADIO and also in his SONY ST-J60 with some amazing results.....

Before the modification I was lucky if I got 96.1 at 60 miles on the SONY.....after the modification the results were quite dramatic. The SONY now gets Philly, Hartford, Del., R.I. & other adjacents with little problem now!....On the Super Radio the results were almost as good with a almost 94.1, 96.1 PA adjacents & some other adjacents are now opened up on the SUPER RADIO. Remember this DX-ER lives only 12 miles from NYC!

Please keep in mind that this modification will do nothing to improve image problems nor will it turn your boombox into a Mac-78! But if your problem is trying to get adjacents then you might benefit from changing the ceramic filters in your set.

The company you can buy the filters from is called DIGI-KEY, phone number (800) 344-4539, they are located at 701 Brooks Ave South, Thief River Falls MN 56701-0677.

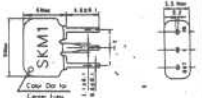
The part is CFSK Series FM Ceramic Filter, Digi-Key Part # TK2307 - 180 kHz bandwidth, OEM (original equipment manufacturer) part # TK-2203-ND, ToKo part # SK107M3-AO-20

The cost is \$1.26 each...or \$10.50 for 10.....call ahead for postage & handling costs..... **IF YOU ARE NOT SURE OF WHAT YOU'RE DOING DON'T ATTEMPT THIS YOUR SELF, IT INVOLVES SOLDERING AND SOME KNOWLEDGE OF CIRCUITRY, YOUR BEST BET IS TO SEEK OUT A HAM FRIEND OR A TV/RADIO REPAIR SHOP TO DO IT FOR YOU!**

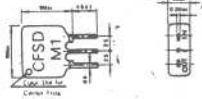
GOOD LUCK
&
GOODKING!
Bill

FM Ceramic Filters

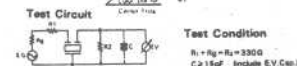
CFSK Series
(Ultra-mini Size; Low Temperature Coefficient)



CFSD Series
(Flat Group Delay Characteristic)

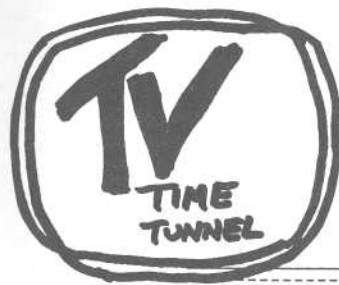


Test Circuit



Test Condition
R₁ = R₂ = R₃ = 250Ω
C₂ = 15pF (include EV Cap.)

| Part No. | Frequency (MHz) | Bandwidth (kHz) | Part No. | Frequency (MHz) | Bandwidth (kHz) | Part No. | Frequency (MHz) | Bandwidth (kHz) |
|----------|-----------------|-----------------|----------|-----------------|-----------------|----------|-----------------|-----------------|
| CFSD 100 | 100 | 200 | TK2307 | 100 | 180 | TK2308 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2309 | 100 | 180 | TK2310 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2311 | 100 | 180 | TK2312 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2313 | 100 | 180 | TK2314 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2315 | 100 | 180 | TK2316 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2317 | 100 | 180 | TK2318 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2319 | 100 | 180 | TK2320 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2321 | 100 | 180 | TK2322 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2323 | 100 | 180 | TK2324 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2325 | 100 | 180 | TK2326 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2327 | 100 | 180 | TK2328 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2329 | 100 | 180 | TK2330 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2331 | 100 | 180 | TK2332 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2333 | 100 | 180 | TK2334 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2335 | 100 | 180 | TK2336 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2337 | 100 | 180 | TK2338 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2339 | 100 | 180 | TK2340 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2341 | 100 | 180 | TK2342 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2343 | 100 | 180 | TK2344 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2345 | 100 | 180 | TK2346 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2347 | 100 | 180 | TK2348 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2349 | 100 | 180 | TK2350 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2351 | 100 | 180 | TK2352 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2353 | 100 | 180 | TK2354 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2355 | 100 | 180 | TK2356 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2357 | 100 | 180 | TK2358 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2359 | 100 | 180 | TK2360 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2361 | 100 | 180 | TK2362 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2363 | 100 | 180 | TK2364 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2365 | 100 | 180 | TK2366 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2367 | 100 | 180 | TK2368 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2369 | 100 | 180 | TK2370 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2371 | 100 | 180 | TK2372 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2373 | 100 | 180 | TK2374 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2375 | 100 | 180 | TK2376 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2377 | 100 | 180 | TK2378 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2379 | 100 | 180 | TK2380 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2381 | 100 | 180 | TK2382 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2383 | 100 | 180 | TK2384 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2385 | 100 | 180 | TK2386 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2387 | 100 | 180 | TK2388 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2389 | 100 | 180 | TK2390 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2391 | 100 | 180 | TK2392 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2393 | 100 | 180 | TK2394 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2395 | 100 | 180 | TK2396 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2397 | 100 | 180 | TK2398 | 100 | 180 |
| CFSD 100 | 100 | 200 | TK2399 | 100 | 180 | TK2400 | 100 | 180 |



Submitted by Tom Bryant
249 Todd Preis Dr.
Nashville, TN 37221

THE HISTORY OF TELEVISION [Part Three]

Color System Changed:

Although the CBS 'field sequential' color system had become the national standard in 1950, the Commission was not completely satisfied with it and the door was left open for acceptance of a better system if and when it became available. CBS began limited color broadcasts on June 25, 1951, but ran into problems. Because of a materials shortage a prohibition of the manufacture of color tv sets for the public was imposed in late 1951. Interest in the CBS system dwindled. Meanwhile, RCA had developed a new system for 'compatible color', receivable both in color and on existing monochrome sets. This system was opposed by CBS but advocated by the industry through it's National Television Systems Committee (NTSC). The system was formally adopted by the FCC on December 17, 1953.

The Freeze Ends:

On April 14, 1952 the FCC re-opened tv to expansion. The first new licenses were awarded to three Denver applicants on July 11, 1952. During the freeze the Commission had formulated a plan that added 70 UHF channels (between 470 and 890 MHz) to the 12 remaining VHF channels (54-216 MHz). It adopted a table making more than 2000 channel assignments to nearly 1300 communities, including 242 assignments reserved for non-commercial/educational use. The minimum effective radiated power of TV stations was set at 100 watts. The maximum ERP varies with antenna height and geographical location (no minimum height above average terrain is specified). Except in limited restricted zones, maximum power on VHF channels 2-6 is 100 kW; on channels 7-13 it is 316 kW; and on UHF channels 14-69 it is 5,000 kW with no zonal restrictions. At the same time separation of stations on the same and adjacent channels was determined by dividing the country into three zones; some of which had unique or unusual propagation characteristics. The goal of this facet of allocation was to minimize or eliminate co-channel and adjacent channel interference.

More Milestones:

On September 4, 1951 the first coast-to-coast telecast showed President Truman opening the Japanese Peace Treaty Conference at San Francisco. The Republican and Democratic National Conventions were broadcast nationwide for the first time in 1952. The first hour-long program in the new RCA compatible color system was televised on October 31, 1953. Two months later, on New Years Day 1954, the Tournament of Roses parade became the first program to be shown in color on a nationwide network. On May 12, 1955 a videotape recording of a color program was transmitted over a closed circuit from New York City to St. Paul, Minnesota. WNBQ (now WMAQ-tv) became the world's first all-color station on April 15, 1956 when it commenced colorcasting of all locally originated programs.

[to be continued next month]