

# From The STAFF

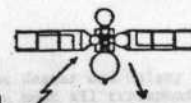
**A SOGGY OR DRY DX-LESS SPRING?...** For many WTFDAers, weather conditions have been the complete opposite of last year's hot and dry Spring. Much heavier than usual rainfall has taken place in eastern North American locations, with extensive outbreaks of severe weather. Unfortunately, at the same time much of the Midwestern and plains regions seem to be into another year of drought. Despite these extremes, tropo conditions have been somewhat better this year. At this time of year however, most FM and TV enthusiasts are more interested in E-skip. Es did seem to be off to a very interesting start in May--but June has been another story. It's a bit too early to sum up the '89 Es season as this goes to press in mid-June, but the first part of the month has shown a strange lack of E-skip activity. As this is being written, we're coming into the best time of the year for FM broadcast band skip, but with openings that don't seem to go past TV channel 4 (72 MHz) for very long, signs of FM E-skip at 88 MHz and higher have been rare for many of us. Perhaps we should note that some E-skip seasons don't really seem to "blossom" until late June--and there have been years when early July has produced incredibly large E-skip openings following a "quiet" June! By next month we'll have a more accurate picture of just how good or bad the E-skip season has been for most WTFDAers.

**FOR COLLECTORS AND TRADERS...** Those who collect station promotional material such as T-shirts, bumper stickers, and so forth, as well as those interested in airchecks (recordings of station IDs and personalities), should look into DecalcoMania, a club devoted to these pursuits. Their new address for requesting information and obtaining sample bulletin copies is: c/o Doug "Leo" Hanbury - 1521 68th Street - Des Moines, IA 50311. To request info, send them a self-addressed stamped envelope. Sample copies can be obtained for \$1.50 (\$1.80 in Canada, \$2.50 elsewhere, payable in U.S. funds from the above address. Thanks to WTFDAer Mark Strickert, DecalcoMania's Chicago publisher, for this info. If your interests in radio go beyond mere DXing, this sounds like a club worth joining!

**AND THEY CALL IT FIRST CLASS?...** A few June VUDs were returned to the publisher in damaged condition without mailing labels by the U.S. Postal Service along with a printed form explaining that their equipment sometimes destroy things. This kind of thing does happen once in awhile, but it can be pretty aggravating if it happens to you! If you did not receive your VUD, or if you have had a problem receiving any of your issues, please let us know as soon as possible via WTFDA, P.O. Box 514, Buffalo NY 14205-0514.

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# SATELLITE NEWS

GEORGE W. JENSEN  
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 Baltimore, MD 21206-4220

Here is the annual satellite-by-satellite listing of services. Be aware that only primary users are indicated. Many minor services are not listed.

- SATCOM 5 143\*W** = Odd # transponders are Vertical polarity  
 Even # transponders are Horizontal Polarity
- 1, 3, 5, and others are telemetry, SCPC, etc.
  - 13 - rare feeds on a CONUS Beam
  - 19 - rare feeds on a CONUS Beam
  - 21 - feeds using a CONUS Beam
  - 24 - Alaska Satellite TV Project - Alaska Beam

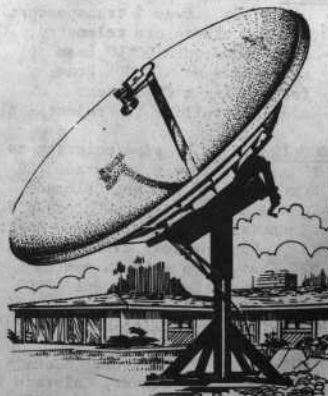
- SATCOM IR 139 \* W** same polarity as above.
- 2 - KUSA ch. 9 Denver, Colorado VC2
  - 4 - KCNC - Ch 4 - Denver, Colorado VC2
  - 6 - KMGH - Ch 7 - Denver, Colorado VC2
  - 7 - Financial News Network/Prime Ticket Sports  
 Los Angeles, California VC2 - PTS
  - 8 - NBC East feeds - Lauch system
  - 9 - Home Sports Entertainment - VC2
  - 10 - Hit Video USA in AM's  
 Home Sports Entertainment in PM's - VC2
  - 11 - Sunshine Network - VC2
  - 12 - KUBD - ch 59 - Denver, Colorado in late PM's and early AM's/  
 KRMA - Ch 6 - Denver, Colorado VC2
  - 13 - Sunshine Network Feeds in VC2
  - 14 - KWGN - Ch 2 - Denver, Colorado - VC2
  - 17 - 3 Angels Broadcasting
  - 18 - Many Latin American feeds and other feed
  - 20 - WGN - Ch. 9 - Chicago, Illinois = VC2
  - 24 - Prime Sports Network - still in clear

- GALAXY 1 - 134\*W** = Odd transponders are Horizontal polarity  
 = Even transponders are Vertical Polarity

- ALL services are VC2 except 2,6,13,17, and 20 - 22 is planned
- 1 - HBO West
  - 2 - Nashville Network
  - 3 - WGN - Ch. 9 - Chicago, Illinois
  - 4 - Disney East
  - 5 - Showtime - East
  - 6 - Univision
  - 7 - CNN
  - 8 - CNN Headline Service
  - 9 - ESPN
  - 10 - The Movie Channel - East
  - 11 - CBN Family Network
  - 12 - Arts and Entertainment
  - 13 - Country Music Television
  - 14 - The Movie Channel - West
  - 15 - KWOP - Ch. 9 - Secaucus, (New York City) New Jersey
  - 16 - Showtime - West
  - 17 - PTL Inspiration Network
  - 18 - WTBS - Ch. 17 - Atlanta, Georgia
  - 19 - Cinemax - East
  - 20 - Galavisión
  - 21 - USA Network East
  - 22 - Discovery Channel
  - 23 - HBO - East
  - 24 - Disney Channel - West

SATCOM 3R - 131\*W - same polarity as other Satcom C-Band Satellites

- 1 - The Fashion Channel
- 2 - The Learning Channel
- 3 - Trinity Broadcasting
- 4 - RAI Rome (New York) Days  
- BRAVO - Nights
- 5 - Shop TV Network
- 6 - CNBC - VC2 planned
- 7 - ESPN Feeds
- 8 - QVC - Shopping Network
- 9 - Vision Interfaith
- 10 - USA Network - West VC2
- 11 - Financial News Network/Score/
- 12 - AVN shopping Channel - Days  
American Movie Classics - evenings VC2
- 13 - HBO Promos - VC2
- 14 - CNN feeds - FOX television feeds
- 15 - Movie Time
- 16 - The Travel Channel
- 17 - Lifetime - West VC2
- 18 - TNT - Turner Network Television VC2
- 19 - Request Television PPV 1 VC2
- 20 - Black Entertainment Television
- 21 - FAILED TRANSPONDER
- 22 - Home Shopping Club II
- 23 - Cinemax - West VC2
- 24 - Request TV PPV 2 - VC2



A S C 1 - 128\* W - Polarity varies - C and KU  
No current usage on C for video some SCPC and telemetry  
SOME KU traffic using a MAC system - occasional rare commercial TV feeds

TELSTAR 303 - 125\*W - uses same polarity as Satcom

feeds noted on almost all channels at one time or another  
18 - Fox Television - East  
23 - Fox Television - West  
24 - SCOLA VC2 planned

G-STAR 3 - 124\*W KU ONLY+  
a KU bird that failed to make it - forget it

SBS 5 - 122\*W KU ONLY ++  
Very occasional commercial television feeds  
Test card of color bars and IBM ownership noted on assigned XPRD 10

WESTAR 5 - 122.5 West same polarity as Galaxy  
Feeds noted on almost all transponders at one time or another  
below are a few of the regular services  
2 - Dr. Eugene Scott - University Network  
5 - Biznet  
6 - Galavision/ECO feeds from Mexico City, Mexico  
7 - CBS feeds - (Peking, etc)  
18 - TVSC - Pittsburgh, Pennsylvania  
20 - Sports Channel - Minneapolis, Minn-sota

SPACENET 1 - 120\*W - same polarity as Westar and Galaxy  
feeds of one form or another noted on most all transponders  
more regular users are noted below  
ALSO carries KU - Band  
9 - Christian Television Network  
10 - Hospital Satellite Network - 0/0 (Oak/Orion encryption)  
16 - feeds - Univision and Televisa Feeds as on 4 also and others  
18 - American EXXXtasy VC2  
21 - Baptist Television Network  
Sat. Market USA  
23 - RFD Television  
KU is mostly telemetry and SCPC and very occasional video feeds

ANIK C3 - 117.5\*W - KU only  
now unused and in storage (or will be shortly)

MORELOS 2 - 116.5 - C and KU in storage

MORELOS 1 - 113.5\*W same polarity as Spacenet  
is KU and C  
nothing has been noted here on KU - but then again there may be some as this is a highly directional satellite and very well received here  
2 - XHMT - Ch 7 - Mexico City, Mexico  
5 - feeds noted  
7 - feeds noted  
8 - XHDF - Ch. 13 - Mexico City, Mexico  
10 - XHGC - Ch. 5 - Mexico City, Mexico  
12 - feeds - XEIPN - Ch. 11 - Mexico City, Mexico  
14 - XEW - Ch. 2 - Mexico City, Mexico  
17 - feeds  
19 - feeds

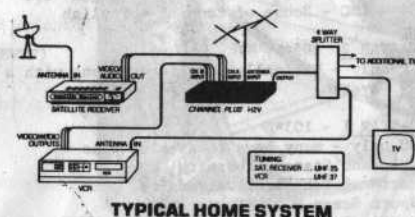
ANIK C2 = 110\*W  
a KU only satellite with feeds

ANIK D2 - 110.5\*W

feeds on most transponders noted  
uses same polarity as Westar and Galaxy  
11 - Weather Now  
12 - CTV Network - Lauch System  
13 - feeds  
15 - Musique Plus in AM's at times  
- Vision / Inside Canada (religious)  
16 - CTV network Lauch system  
17 - Canal 5 - TVFQ - France relay in Quebec  
22 - First Choice/Superchannel VC2  
24 - CTV Network = Lauch system

ANIK C1 - 107.3W KU only Polarity Varies

- 2 - Musique Plus
- 4 - Atlantic Satellite Network
- 6 - Super Ecran VC2
- 8 - Canal Famille
- 10 - Radio Quebec
- 12 - TVFQ 99 - TV5 France relay (has been VC2)
- 14 - La Sette 2 VC2
- 15 - Knowledge Network
- 16 - La Sette 2 VC2
- 17 - Access Alberta
- 18 - TV Ontario French
- 20 - TV Ontario - English
- 22 - Home Shopping Club - French
- 23 - First Choice/SuperChannel - West VC2
- 24 - Ontario Legislature
- 25 - Home Shopping Club - English - West
- 26 - Rogers Cable
- 27 - Knowledge Network 2
- 28 - Four Seasons Network
- 29 - Tele'niversity
- 30 - Super Channel - East - VC 2
- 32 - Home Shopping Club - East - English



ANIK 21 - 104.5°W

same polarity as Westar and Galaxy  
O/O = Cak/Orion cluster

- 1 - SCPC Channels
- 2 - TSN - The Sports Network - o/o
- 3 - feeds
- 4 - Global Network Feeds
- 5 - Feeds
- 6 - MuchMusic
- 7 - Newfoundland feeds
- 8 - CHCH - Ch. 11 - Hamilton, Ontario, Canada o/o
- 9 - WNIW - Ch. 4 - Detroit, Michigan o/o
- 10 - WXYZ - Ch. 7 - Detroit, Michigan o/o
- 11 - CBC North Pacific Nylon feeds
- 12 - Feeds
- 13 - Feeds
- 14 - CFTV - Montreal, Quebec, Canada o/o
- 15 - CBC French Network, Montreal, Quebec
- 16 - CBC House of Commons - French
- 17 - CBC - Labrador/Newfoundland feeds
- 18 - CHTV - Ch. 13 - Edmonton, Alberta, Canada o/o
- 19 - CBC - North - Atlantic feeds
- 20 - CMT - Ch. 6 - Montreal, Quebec, Canada - English
- 21 - WTV - Ch. 54 - Detroit, Michigan o/o
- 22 - CHAN - Ch. 3 - Vancouver, British Columbia, Canada o/o  
aka - BCTV
- 23 - WJBK = Ch. 2 - Detroit, Michigan o/o
- 24 - CBC - House of Commons - English



C-STAR 2 - 105°W

KU only - basically news feeds along with a CNN news distribution system

C-STAR 1 - 103°W

KU only - many news feeds also plus -  
Colorado State University  
National Technical University  
Sport Scene  
Hospital Satellite Network - o/o

SBS 1 - 99°W

In storage - past operational life - was KU only

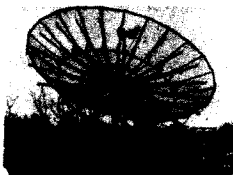
SBS 2 - 97°W

KU only = past operational life - in storage

WESTAR 4 - 99°W

Same polarity as other Westar (5) and Aniks\*  
used primarily for feeds - will note the more regular users

- 6 - National Christian Network
- 10 - CNN feeds
- 15 - PBS - A VC2
- 17 - PBS - B - VC2 occ.
- 18 - Telemundo - Hispanic Television
- 19 - International Television Network - feeds -
- 20 - religious feeds
- 21 - PBS - C VC2
- 22 - PBS - " VC2



WESTAR 301 - 96°W  
POLAR SAME POLARITY AS SATCOM'S  
Primarily a feed satellite

- 2 - CBS West
- 3 - Warner Brothers
- 4 - ABC - West
- 6 - ABC
- 7 - CBS East
- 9 - WOLF feeds
- 10 - ABC - East
- 11 - ABC
- 12 - ABC East
- 13 - SNS Feeds
- 15 - CBS
- 16 - TVSC- Pittsburgh
- 21 - ASCI feeds
- 23 - WOLF feeds

SBS 3 - 95°W

KU only  
primarily a feed satellite - many encrypted in a MAC system

HI-NET Communications (Holiday Inn)  
which carries Satellite Cinema, CNN, ESPN and WTBS etc.  
also  
CONUS Feeds from Minneapolis  
American Law Network  
Private Satellite Network

GALAXY 3 - 93.5°W

same polarity as Westar and other Galaxy

- 5 - Cable Video Store PPV - VC2
- 7 - ACTS
- 8 - Home Shopping Club
- 9 - Cable Value Network
- 10 - Eternal Word Television Network (EWTN)
- 11 - Mind Extension University
- 12 - feeds
- 13 - Weather Channel VC2
- 14 - C-Span II - US Senate
- 15 - Video-Bits 1 (VBI) VC2
- 16 - Viewers Choice II PPV VC2
- 17 - MTV East VC2
- 18 - MTV West VC2
- 19 - Nickelodeon - East VC2
- 20 - Lifetime - East VC2
- 21 - Viewers Choice I PPV = VC2
- 22 - Nickelodeon West VC2
- 23 - Family Network
- 24 - C-Span I - U.S. House of Representatives

SBS 4 - 91°W

KU only primarily news feeds and telemetry of sorts  
Automobile Satellite Television Network (not noted)

WESTAR 3 - 91°W past life and out of any noted use.

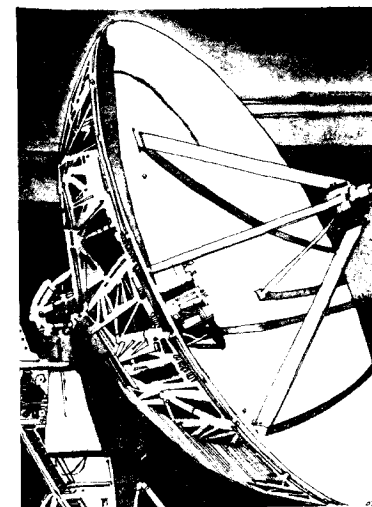
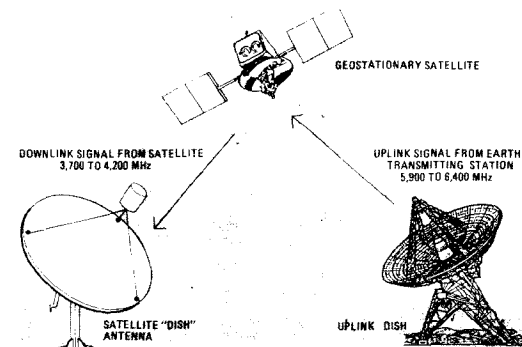
SPACENET 3 - 87°W

C and KU as all Spacenet are same polarity as Westar and other Spacenet  
only occasional feeds noted on the KU side  
rest are C-Band

- 3 - WSBK - Ch. 38 - Boston, Massachusetts VC2
- 5 - KTVT - Ch. 11 - Dallas, Texas VC2
- 9 - WPIX - Ch. 11 - New York, New York VC2
- 15 - KTTA - Ch. 5 - Los Angeles, California VC2
- 17 - Feeds
- 19 - Starion Premier Cinema VC2
- 21 - PASS - Detroit - Northcom

FOA K-1 - 85°W

I can never ascertain the proper channels, but here is  
what on this satellite:  
HBO West VC2  
HBO East VC2  
WPHL - Ch. 17 - Philadelphia, Pennsylvania  
Cinemas East and West VC2



TELSTAR 302 - 85\*W

Uses the same polarity as the Satcoms and other Telstars

Most CBS feeds use the VC1 system

- 7 - CBS - VC1
- 10 - ABC - West
- 11 - ABC - feeds
- 13 through 23 - various CBS feeds

SATCOM 4 - 82\*W

Polarity same as other Satcom Satellites

- 1 - Home Shopping Club Overnight and others
- 2 - Catholic Television Network of America - o/o Sports Channel Plus - nights occ.
- 3 - Madison Square Garden II VC2
- 4 - Guest Cinema I VC2
- 5 - America's Value Network
- 6 - Telshop/Madison Square Garden Network
- 7 - Sports Channel New York
- 8 - Program Guide
- 9 - Sportsvision Chicago
- 10 - Sports Channel America
- 11 - Sports Challen - Cleveland, Ohio - nights VC2 AVN Shopping - Day
- 12 - Rainbow Cable - Lauch System
- 13 - NESN - New England Sports Network
- 14 - Sports Channel = Florida
- 15 - Shop-At-Home
- 16 - National Jewish Television part time occasional
- 17 - Z Channel - Los Angeles, California VC2
- 18 - Guest Cinema II VC2
- 19 - testing
- 20 - Prime Ticket, Los Angeles, California VC2
- 21 - Nostalgia Channel
- 22 - Home Team Sports - Baltimore/Washington, D.C. VC2
- 23 - Silent Network/Sports Channel New England VC2
- 24 - Playboy Channel - nights VC2 - assorted things day

RCA K-2 81\*W

KU only -

I can never ascertain the proper channels, but here is what is on this satellite....

- NBC East and West feeds
- NBC affiliate news feeds
- Cycle-Sat news feeds
- AT&T using a MAC system
- Conus/TV Direct news feeds
- INDX Financial News/Eastern Washington University

GALAXY 2 - 74\*W

same polarity as other Galaxy and Westar Satellites

- 1 - University of Virginia
- 2 - Stardust Theater VC2
- 4 - First Run - Pay-Per-View VC2
- 5 - Virginia Tech
- 7 - West Virginia State University
- 9 - Star Dust Events Pay-Per-View VC2
- 10 - Tuxedo Network VC2
- 11 - NHK/ABC feeds from London, England and New York
- 13 - CNN News Source

many feeds on most all other transponders

SATCOM 2 - 72\*W

same polarity as other Satcoms and Telstars

- 2 - WBBM - Ch. 2 - Chicago, Illinois VC2
- 3
- 4 - WABC - Ch. 7 - New York, New York VC2
- 12 - WXIA - Ch. 11 - Atlanta, Georgia VC2
- 13 - NASA primary feeds
- 20 - International news and special events feeds in PAL, SECAM and NTSC
- 21 - JISO = News feeds to Japan from New York in Japanese
- 22 - AFFTS - VC2 Planned
- 23 - feds
- 24 - USIA WorldNet feeds and Globo Brazil feeds



SPACNET 2 - 69\*W

C and KU

C

- 5 - Channel America (network for LPTV stations)
- 10 - Shipboard Satellite Network
- 21 - United States Information Agency C-Span feeds
- PORN CHANNEL using VC1 system and this is hard core on xpdr 3

On KU =

- Tie-In Network (2 channels)
- Florida News Network
- United Press South

BRAZIL SAT1 = 65 \* W

Not visible from this location

INTELSAT VA F13 - 53\*W

C and KU

No video noted on KU  
Signals of Non-Video nature are present

C

- RTP - Lisbon, Portugal sends Soccer feeds in season using PAL and NTSC system
- 11 - France relays using NTSC/SECAM and PAL
- Visbevs/BBC/ITN London England on 14 using PAL color
- Spain and others noted on 16 using NTSC and PAL
- channels are tentative and use a right and left circular polarity

PAN AM SAT - 45\*W

C and KU

On KU are the following

- Galavision to Europe - not visible here
- ESPN International (3)
- RAI Rome occasionally
- 1 occasional MAC feed unID'd.
- on C Band
- CNN on 1
- CNN Telemundo feeds on 13
- Peru is somewhere
- Chile is somewhere
- Argentina is somewhere
- flickers have been noted on 1,2,3,5,7,9, and 13. all are V polarity

INTELSAT V-P4 34.5\*W

mainly telemetry feeds

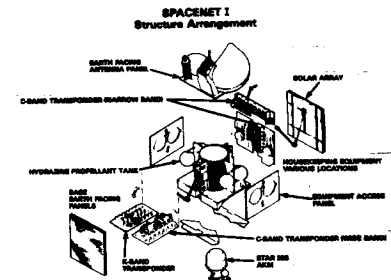
- Spain has a spot beam for TVE 1 and 2 to the Canary Islands KRDR ?
- PAL/SECAM/NTSC feeds using both full and half transponders
- noted on 23 and 24
- No KU has been noted.

INTELSAT VA-F11 - 27.5 \*W

C and KU = on C - visible here -

- TVE 1 and 2 - Madrid Spain (Canal America) in PAL and NTSC
- 7 - NTSC unknown service
- 8 - Televen - Ch. 19 - Caracas, Venezuela = NTSC
- 9 - Brightstar - London, England to New York - NTSC and PAL
- 10 - Supercanal V - Ch. 5 - Caracas, Venezuela - NTSC
- 11 - NBC - London to New York NTSC
- 14 - ABC - London to New York NTSC
- 15 - WorldNet - USIA NTSC
- 16 - CBS - London to New York NTSC
- 19 - feeds - NTSC
- 22 - BrightStar - London, England NTSC
- 23 - Unknown using a MAC system on KU

continued on page 52



# Television news

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## ABBREVIATIONS USED IN THIS COLUMN:

AATf Height (feet) above average terrain  
AATm Height (meters) above average terrain  
AZ Azimuth (North=0°)  
CP Construction permit  
CRTC Canadian Radio-television and  
Telecommunications Commission  
ERP Effective Radiated Power  
FCC Federal Communications Commission (USA)  
MP Construction permit modification  
TL Transmitter or tower location

## FORUM

My apologies again for missing another month, but the calculus course I was taking was really rough. Meanwhile, lots of mail poured in during those last two months.

One thing I forgot to mention last column was about WVRN-TV, ch. 63 in Richmond VA, which suddenly went off the air several months back. I learned that the channel is now vacant, which means the station must have given up and turned in its license. Just like WKBS-48 did in Philadelphia several years ago.

We begin our tour of the states with **BILL NIENAJADLY** (Clifton NJ), who sent an editorial written by entertainment editor Harry Somerfield in the 5/14 *New York Daily News*. It expresses a moderately negative opinion toward the latest developments in High Definition Television (HDTV). "The details - how many lines, what screen aspect ratio, how many channels of sound - are being hotly debated in both electronics company boardrooms and various legislative and regulatory bodies. Why the big discussion? The debate centers on three issues: One is political, one is technical and one is economic. The political side is based on the assumption that the chosen system will put its nation's electronics industry in the catbird seat for what is envisioned as control of a multi-billion dollar enterprise." (That is, is we adopt the Japanese standard as our own, guess who would be way ahead in manufacturing HDTV sets.)

"The technical issue, besides number of lines, number of audio channels and screen aspect ratio, involves how an HDTV system will be delivered to consumers' homes. Will it be off-the-air broadcast TV, or direct home reception from satellites, or perhaps transmission over a fiber-optic cable system?"

"The economic questions include: How much will an HDTV set cost the consumer, and what will it cost the existing television networks and cable systems to add the necessary gear to begin transmission?"

"As you can see, this is not a simple problem. And I must add yet another question to the myriad already under consideration: Do we need HDTV?"

"In my opinion, the only real advantage to

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HDTV, as seen by the eyes of the average consumer, would be the stretching of the screen's aspect ratio. We are all used to seeing wide-screen movies in theaters and I, for one, am tired of watching those same movies on my TV set with the left and right edges of the picture cut off."

"Over the last three or four years, I have seen dozens of demonstrations of various HDTV systems. While they were generally impressive, I doubt that the average person-on-the-street would notice the enhanced resolution, unless the image was projected on a 10-foot (or larger) screen. Unfortunately, it is the improved resolution that is causing the bulk of the political, economic and technical obstacles."

"I propose what we simply update to Wide-Screen TV - in our own terms. Wide-Screen TV (WSTV) sets, of at least a 9 x 16-unit aspect ratio would be easier and less expensive to integrate into our current broadcast standard than HDTV. The 525-line system can, and will, still be improved over the coming years by the use of digital technology, without the drastic changes required by HDTV." "Maybe if this approach were taken, we wouldn't all have to be subjected to the months - maybe years - of pontification and expense it takes us before the final HDTV system is approved and in our living rooms."

Bill also reports that **WNBC**, ch. 4 in New York City, has been at times experimenting with HDTV around 3:00 a.m. for a few minutes.

From the Philadelphia area is **JOHN ZEIS** (Exton PA), who writes, "It appears (based on Phila. Inquirer stories) that Burlington NJ-Phila Ch 48 will return to the air in (or around) July. Same antenna and tower as before, but with a new transmitter. No programming details."

"Have tried to get info on Phila Ch 35 status, but unable to make phone contact - no listed number. However, what appears to be a UHF transmitting antenna has been side mounted near the top of the southeast corner of the Ch 29 tower. The height and coordinates seem to match the current Ch 35."

"Somewhat better luck in checking on Bethlehem Ch 60. Last fall I called the number listed in the TV Factbook, and reached a helpful, but unidentified, man who said telecasting would begin before the end of 1989. Called back today (5/10/89 - wbf) to get an update. The man who answered said it's his wife's station and she is not home." (Sounds like a great idea to me! Now he can swing off his wife any time of the day! -wbf) "After further discussion, he said planning was in process, no start date is defined, but will be on the air by March 1990 (CP expires)."

Although I make to arrange this heading geographically, I don't want to split up anyone's reports, even if they cover widely separated regions. So with this I continue with John's observations in Salt Lake City, Utah. "Happened to be in Salt Lake City the day of the sign-on of **KXIV**, Ch 13. Flipping through the dial the night of 13 Feb, I found a color bar test pattern on Ch 14 with a superimposed announcement of a 0600 14 Feb sign-on. Programming began promptly as scheduled, going directly from the color bar pattern at 0600 without announcement, ceremony

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or even the SSB. Program listings from the SLC Tribune are enclosed. Also noted that Ogden Ch 30 (and SLC xlator 46) are HSN except for the few hours of listed programs."

That's great, John. Now send them a reception report from Exton PA and watch them flip!

Program listings for the first day (from the 2/14 *Salt Lake City Tribune*) consisted of movies and old syndicated programs. No news, satellite-fed programs, or first-run syndicated programs. An article on the same page describes the station: "KXIV will follow a traditional format of programming without a local news broadcast or other studio-originated shows." "KXIV is owned by American Television of Utah Inc., a subsidiary of Skaggs-Telecommunications. Station Manager is Robert Quigley, program director is Mike Heningway; studios are located at 5181 Aetna Erhart Drive; and the station transmits at 933 Kw (effective radiated power) from Little Farnsworth Peak in the Oquirrhos." Okay, gang, send those reception reports in and see if we can all get first-day-on-the-air QSL cards.

**TOM YINGLING** (Dundalk MD) sent in a few articles. The 5/19 *Baltimore Sun* reports on a power boost for **WNUV-54**: "If they can't see you, they won't watch you," says Gary Marshall, Channel 54's new general manager, addressing the most frequent complaint about the station. So by this fall, a more powerful 240-kilowatt transmitter beaming from a new omni-directional antenna on the station's tower off Rolling Road in Woodlawn will triple Channel 54's power. "The goal is to achieve signal parity with the VHF affiliates," says Marshall, meaning WNUV ought to come in for most viewers as well as channels 2, 11, and 13 (and even, although Marshall did not say so, rival Channel 45)." "With Channel 45 a Fox Affiliate and Channel 24 a Home Shopping Network operation, he said Channel 54 is now the only true independent here."

The above information doesn't make a whole lot of sense. The station is already running 4645 kw ERP, and isn't allowed to go above 5000. The Baltimore VHF's are already running maximum allowable ERP. From its location at 75-81 miles from the Baltimore stations, 2, 11 and 13 are always clear reception, while UHF's 24, 45 and 54 usually come in with a watchable picture. But no way is a full-power UHF going to match a full-power VHF for coverage area.

Some time ago, Tom and I discussed the idea of picture cameras of the future using floppy disks instead of film. Sure enough, Tom found an advertisement for the Canon Xap Shot, which does just that. Fifty pictures can fit on one floppy disk, and a playback unit allows instant playback on a television set. One point that I find very misleading in the ad is the reference to "professional quality pictures." To me, that means the quality that you would get from a photography studio. But as an article in the 6/89 *Video Review* points out, the consumer models of the Xap Shot and Sony's Mavica record images of 300 lines, in contrast to the 525 lines of a television image. That's more like newspaper quality, if you ask me.

The VR article reports, "Last autumn, Canon and Sony unveiled their consumer cameras, each coming in at around \$1,000." Evidently there is

equipment (or should I call it hardware?) to make prints, but that too is expensive. The article goes on to give a review of the two cameras from a photographer's perspective.

Tom also sent in an article looking back at the last 50 years of television: "Although this spring has been widely hailed as the 50th birthday of television, the world's most powerful medium wasn't born in 1939. Indeed, it didn't really have a birth. It sort of oozed out in bits and pieces from various laboratories and companies over several decades. Milton Berle appeared on an experimental station in Chicago in 1929. At the time, 28 'visual broadcasting' stations had licenses in the United States. In 1930, a television outfit called Jenkin Broadcasting, using a soon obsolete mechanical system, sent out a polyglot of programs to the sets it sold in New Jersey. Hollywood put out a speculative film called 'Trapped by Television' in 1936, but the same year the British went on the air with scheduled broadcasts."

"The date of April 30, 1939 - when President Roosevelt was shown on TV opening the New York World's Fair - is really not the birthday of television, but of television as we know it. With commercials, for one thing." The article then goes on with a brief history of television.

Way back when I was doing the RETROSPECT features, I did extensive research to do the origins of television, which I never got a chance to use. But it's interesting to see the many different mechanical systems being experimented with before World War I, all dealing with a spinning disk picking up an image, electronic eyes to convert those images, line-by-line (actually concentric circles), into electric impulses, transmission of those impulses to receivers which converted those impulses into light beams, and another spinning disk allowing that light beam to impose an image onto a screen. One major problem was finding a way to synchronize those two spinning disks. Another was making electric eyes sensitive enough and responsive enough to produce electronic impulses. Maybe I'll get a chance someday to report on the origins of television. But the article is right: 1939 was only the date that commercial broadcasting television began.

**GUS MANCUSO** (Hyatts MD) writes, "I just returned from [West Virginia] and noticed ch's 8 and 9 there are only 45 miles apart. Any comments?" This obviously refers to **WCHS-TV**, ch. 8 in Charleston WV and **WSWP-TV**, ch. 9 in Grandview. Although the cities themselves are 45 miles apart, the TL for **WCHS-8** is 15 miles west of Charleston, and the TL for **WSWP-9** is 7 miles northeast of Grandview. The transmitters are actually 61.04 miles apart, safely above the 60 minimum required by the FCC for adjacent VHF channels.

Two New York club members sent information on Southern television stations. **RON STOCK** (from club HQ) forwarded an article from the 12/25/88 *Marietta Daily Journal*, sent from John Broomall. It's also about John Broomall's new LPTV station. "Atop Sweet Mountain near Kennesaw, the station's call letters stand for 'We Believe in Miracles.' The family-owned station, an affiliate of Family Net, will offer religious, educational and

children's programming with a mix of local college basketball." "Initially, satellite broadcasting will be completely automated with a second-hand transmitter which cost \$6,000. It is attached to a cement building on top of the mountain which sits on property subleased from Mariette Communications." "His tower will rise 783 feet above average terrain." "He has arrangements with Georgia State University to televise its basketball games and is negotiating with Southern Tech and Kennesaw State College for their games. "We'll consider ideas from local production groups with access to production equipment," Broomall said, such as dancers, musicians and theater groups. "I'm interested in promoting local programming."

This next article is from ERIC FADER (Bayside NY) sent this from the May 3-9 *Variety*: "As promised, CBS is moving aggressively to correct the signal deficiencies of WCIX, Channel 6, the former Miami-Fort Lauderdale independent of which it took control in January." "The most significant move is an agreement to have a new low-power station, Channel 27 - whose call letters are W27AQ - serve as a translator in the Fort Lauderdale area." "Channel 27 will operate at 1,000 watts, with an effective radiating power of 70,000 watts...from a tower in Pompano Beach, Fla." "Later this year, WCIX hopes to receive government approval to add another translator, Channel 55, also based in Pompano Beach."

JOHN CORBS (Jacksonville FL), has finally weaned himself from plastering his envelopes with stamps and labels, but in his usual humorous nature, addressed one of his envelopes as "Big" Billy Fahber. It just so happens that Billy is 6'5", and was wondering why John was sending his articles on Miami television stations along with a tirade about unauthorized call letters.

But let's start with this entry from the 4/3 *Jacksonville Business Journal*: "A new Jacksonville company has been organized to build and operate low-power television stations. The firm, Flamingo Broadcasting, plans five stations in three states. It has received construction permits from the (FCC) for outlets in St. Augustine and Macon, Ga., and has three more applications pending that should be decided within six months. One is for a station in (Heads up, Tom Y! -wbf) Baltimore, Md., and two others cover prospective operations in other Florida cities. Miami-based Video Jukebox Network has a successful low-powered station on Channel 10 in Jacksonville featuring music video programming similar to that of MTV but with an 'interactive' format, meaning viewers can interact with the station via a touchtone telephone to request the videos they want to see. Flamingo Broadcasting is hoping to finalize an affiliation agreement with Video Jukebox so it can use the format on some of its stations, said Allan McCorkle, a director of the Jacksonville company." (Without some kind of agreement, it appears that Flamingo wouldn't have a leg to stand on. -wbf)

John comments, "Some other LPTV news: Orlando now has a 'Jukebox' LPTV (like my local W10AX) on ch. 11. I never saw call letters in the brief time I observed them while in Orlando. They have very decent coverage, unlike their Jacksonville

counterpart which is only snow-free if you're within a few blocks of the xmtlr!" (John, have you tried disconnecting your antenna and attaching the television to a snow shovel? I'm sure Jacksonville department stores have plenty of them. -wbf)

"Also in Orlando, W19AX is called 'The Tourist Channel.' It runs info, ads, and featurettes all geared toward the Orlando-area tourist. Judging from the reception pattern, I'd guess their xmtlr is located somewhere between Disney and the hotel row on International Drive."

The 4/26 *Miami Herald* gives more information on plans by WCIX in Miami to increase its coverage in Broward County, north of Miami. "Channel 27, a 1,000-watt station based in Pompano Beach, began transmitting Channel 6 Tuesday. After the signal is redirected by an antenna over Broward, the station has an effective power of 70,300 watts. [General manager Allen] Shalkan said Channel 27 will strongly penetrate most of central and South Broward and in some cases reach as far west as Coral Springs and as far north as Boca Raton. The CBS-Channel 6 initiative ended plans for WFUN-Channel 27, an independent entertainment station aimed at a Broward audience and scheduled for an April Debut. Channel 27 owner Rodger Skinner received a construction permit to build his station last December, but the South Florida affiliation shakeup of Jan. 1 forced him to 'reassess our position in the market.'

Skinner said WSVN-Channel 7, the new independent created by the switch, had too much financial muscle and would gobble up all his programming. "There was nothing I could do," he said. So when CBS approached him after the switch, Skinner agreed to an extended lease contract to retransmit Channel 6." "Shalkan also announced plans for a second low-power Broward transmitter on Channel 55, slated for the fall. It will reinforce Channel 27 in central and West Broward and north to Deerfield Beach. WCIX applied for the Channel 55 FCC license in February and expects approval in the coming months."

"WCIX's deal with five Sears department stores in Dade and Broward may help viewers in both counties improve reception on the Channel 6 frequency. Starting May 1, the retail chain will sell and install a special rooftop antenna for \$101."

John comments on this, "The ch. 27 in question is W27AQ, Ft. Lauderdale. This is, of course, not the first time that WCIX-6 has augmented their coverage area with translators. Originally, they had 3 xltres on 61, 64 & 69, later joined by a 'mega-xltr' (about 60-kw ERP) on 33. All but 64 are off-air now, due to full-power stns coming on the channels (or about to, in the case of 61). WCIX-6 has always been hindered by their homestead allocation and more southerly xmtlr site."

"Isn't that Sears antenna deal the biggest rip-off!? And you have to supply your own pole. Note that as an LPTV, W27AQ would have used the calls WFUN (after the radio station that owns it). I'm seeing even more & more 'bogus' LPTV calls that have no relationship to their actual calls. Every time a WFDA member notes one of these,

they should write or call their nearest FCC Field Office to complain!"

In his latest letter, John writes, "Got a reply from the Video Jukebox Network in Miami. They currently operate the following LPTVs:

| CALL  | LOCATION        | ERP     |
|-------|-----------------|---------|
| W10AX | Jacksonville FL | .025 kw |
| W11BM | Orlando FL      | .780 kw |
| K04NL | Des Moines IA   | .035 kw |

"The difference in ERPs above shows why Orlando's W11BM is clearly visible all over the city while here in Jax the W10AX signal is putrid just about everywhere."

"A new LPTV has popped up on ch. 42 here in FL. It is a Channel America affiliate, like the ch. 35 LPTV in Tampa. Neither station's calls are included in the infrequent mass IDs yet. Judging from antenna headings and reception characteristics, Carlton Howington and I believe it to be in the Orlando area; however, I've not been to Orlando since it came on, so I can't confirm that."

"QUERY OF THE MONTH: What, exactly, are the FCC regulations regarding ID practices on LPTVs? Many DXers have noted LPTVs that carry no legal IDs or, worse, some that carry fraudulent IDs! I refer, of course, to the practice of some LPTVs to alter their call letters to mimic those of full-power stations. Two examples: W19AQ in West Palm Beach, which IDs as "WAQ," and ... W08CC in southern NJ, which you report IDing as "W0CC." Is that practice legal? Whether or not LPTVs are even required to ID is beside the point - I would think deliberate use of a false call sign is a violation of FCC regs in any service."

"While on the subject of LPTVs, another question: Does the FCC actually distinguish between translators and LPTVs in licensing? I was under the impression that a translator is a passive repeater whereas an LPTV originates programming."

"So W94A1 in Yankeetown FL, which usually repeats W0FL-35 but has a few hours a day of local pgmg is technically an LPTV, right? And all those low-power TBN's that have no local origination, but passively repeat TBN's satellite feed all day are actually translators, though TBN refers to them as LPTVs."

"A similar situation to TBN is the network of translators operated by WCLF-22 in Clearwater FL. These merely repeat WCLF-22 and do not originate pgmg, yet are constantly referred to in their fund-raising as LPTVs. Is it possible these stations are licensed as LPTVs? Maybe the FCC only calls it a translator if it repeats a terrestrial station off air? And, if stations like the TBN's are actually LPTVs as licensed, must they ID?"

Let's go back into the history of translators. Originally, translators could only originate an occasional request for financial support, and identification was either a multiple ID with the primary station, or an hourly Morse code signal by aural subcarrier or carrier frequency key offset (I once heard a Morse code signal on W35AA in Philadelphia when its carrier frequency was modulating with ch. 35 in Richmond VA). Translators not operating on a vacant full-service channel assignment were severely limited

in power.

The FCC later allowed Spanish International Network affiliates to operate translators which relayed communications satellite signals. Later, when the FCC was considering plans for LPTV standards, it allowed applicants to file for "translators with low-power features." This included higher power, program origination, satellite-feed. The first LPTV stations to go on the air were actually such translators.

When LPTV standards were adopted, the FCC also adopted new freedoms for existing translators. They could, simply by notifying the FCC by letter, change their primary station or originate programming. To the best of my knowledge, there is no substantial difference between translators and LPTVs.

As far as these misleading identifiers, I don't know how they get away with it. No doubt they still identify by the earlier-mentioned methods, which are undetectable under normal viewing. But knowing the FCC's policy of deregulation, don't bother complaining to the field offices. They probably couldn't care less. The only purpose of call letter identification is to identify sources of interference, not to aid DXers in adding to their totals. And as long as nobody is complaining about interference, call letters are only a needless inconvenience.

Also reporting about Florida and Georgia stations is MATT SITTTEL (Kingsport TN), who was vacationing in several southern states: "WCSC-5 identifies as 'Charleston-North Charleston.'"

"Is W06H-28 on yet? I saw a church service in Pensacola on it." It's WPGX, and it came on in May, 1988.

"What is an 'ACTS' channel around 65 on the Gulf Coast? (From Biloxi to St. Pete area) Must be new; I don't see any ACTS station around 65 in that area in the 1988 Television Factbook."

"I noted MS ETV doesn't vocally identify each station on ID's. Just a statewide ID. This is Mississippi ETV, etc., that's it! Whereas APT is 'This is APT, Alabama Public Television, channel 42 in Mobile.'"

"GPTV's sign-off is just Ray Charles singing 'Georgia on My Mind.' No stations mentioned. Also they sometimes run an ID of all stations and xltres that takes 30-45 seconds, then no mention of individual stations, normally they do."

"WKCf-68 Orlando, FL is on, independent programming."

"W19AX Kissimmee, FL is 'The Tourist Channel,' running continuously travel info. Also calls itself WTTT-TV!" (Probably an acronym -wbf)

"W1YE-55 Leesburg, FL is TBN, calls now are WACK."

"A recent WCPX-6 ID ad saying 'Enjoy audio of WCPX in your car all day long.' (He included a sketch of a logo reading "87.7 FM.")

"You mentioned being a student in your column. What's your major? I'm meteorology sophomore. I'm majoring in civil engineering, not yet sure if I'll drift toward structural or hydraulics, attending Drexel University evening college."

So much for the East Coast; now let's go to the Ohio Valley and the Midwest, beginning with BOB TIMMERMAN (Auburn IN), who sent in this clipping from the 4/11 *Fort Wayne Journal Gazette*: "The Fort Wayne airwaves have been

home to a well-kept secret for the past month, but that's beginning to change, as WBTV Radio 93.3 FM gets the word out about its new TV station. Channel 45, a 24-hour country-music video station affiliated with the radio station, went on the air with little fanfare Feb. 28. Programming for the advertiser-supported station comes from Country Music Television, an independent satellite service in Nashville, Tenn., that serves cable and over-the-air stations like Channel 45. "The station has filmed spots with WBTV's disc jockeys, and those are edited in at the studio at 2100 Goshen Road. Channel 45 receives Country Music Television's satellite feed there, then relays it to a tower on Cass Street.

"Plans for the station's future include multiplying its power, [operations manager Doug] Wagner said. The [FCC] has its application for an increase from the present 740 watts to 7,400 watts, and approval is expected as early as this summer. Channel 45 reaches viewers within a five- to seven-mile radius of the transmitter, Wagner said." "A longer-range goal of the station is to originate all of its programming, drawing on a library of country videos from record companies and on locally produced shows, Wagner said."

The article didn't give any call letters, but fortunately **RALPH STROBEL** (Muncie IN) comes to the rescue: "Bob Zent (Huntington, IN) tells me that Fort Wayne, IN has a new LPTV. It is W45AG (1,000 w) - this station is Country Music TV on 24 hours a day with no stereo. W45AG came on air about the middle of March."

Ralph sent a small article from the 5/16 *Muncie Star* that made a reference to a LPTV station on channel 11 in Indianapolis, scheduled to sign on August 31, and is mostly minority-owned and will feature minority-theme programming.

One last note from Ralph is that ch. 32 in Muncie hasn't increased its power yet, as far as he knows.

More Indiana news from **WENDELL FORD** (Westville IN): "On 4-26-1989 a new TBN translator went on the air in Michigan City, Indiana on Channel 24." W24A1 is 390 watts TPO/2.1 kW ERP, with a CP for 1 kw Total Power Output. "At 15 miles south of tower - they are non-existent. You can see a slight picture - but no sound. And WCGV in Milwaukee is sometimes seen on top of them with W24A1 just creating hash. The CP calls for a directional signal toward Az. 245°, which is WSW. "They are side-mounted on WEFM-95.9 radio tower where I work. Tower coordinates are North 41°42'58.0" West 86°51'47.0". Tower is 70 meters/230feet AAT."

Transmitter problems at WYIN-56, according to an article from the 3/10 *Gary Post-Tribune*, sent in by Wendell. "Channel 56, broadcasting the Indiana-Wisconsin game Thursday night, went off the air with 14 minutes of play remaining." "Both video and audio transmissions were knocked off the air at 7:25 p.m. by the problem in the transmitter building next to the station's tower southeast of Cedar Lake." "The blackout came on one of WYIN's most important pledge nights of the year, said Al Binford, the public television station's marketing director." "The reason for the power failure was a diode that burned out in the transmitter's high voltage power supply....

The station returned to the air at 2:30 p.m. Friday." I can see a future pledge drive. The announcer goes before the camera and says, "If we don't reach our goal very soon, we may be forced to go off - - -"

**PAUL GAINES** (Detroit MI) sent in a few articles. The 4/24 *Detroit Free Press* reports on WTVS-56's financial problems. It had been producing a teen-oriented magazine-format program which it had hoped to distribute to educational stations across the United States in order to generate income, but so far the program seems to be draining money from the station. The station had to cut down its number of employees and quit purchasing some costly programs.

The 4/27 *Detroit Free Press* reports on HDTV development: "Researchers at the David Sarnoff Research Center, in Princeton, N.J., have demonstrated the world's first broadcast system for high-definition television that is compatible with existing sets. The system is important in that it meets a [FCC] requirement that the next generation of television be compatible with today's equipment. The commission's insistence on compatibility reflects its concern that consumers continue to receive a full range of programming without investing in new equipment when the industry switches its transmission equipment to a high-definition standard." It remains to be seen whether or not the industry really switches to a HDTV standard. It also remains to be seen if the public wants the extra cost of sharper pictures. And how are broadcast stations going to replace their libraries of NTSC-standard syndicated programs, movies and local programming. And not only will HDTV transmissions be compatible with conventional television sets, but I haven't heard anybody mention that HDTV television sets will need to be compatible with conventional transmissions if anybody's going to buy them. As I said before, I can't see how HDTV will replace conventional television. If anything, it may repeat the history of AM and FM radio. FM, with its stereo and high quality sound, could not replace AM, but instead coexisted with AM over several decades, even though AM became less popular. Many decades from now, we will probably find conventional television, or let's call it LDTV, still in existence, and popular among home shoppers, hair-loss and real estate hustlers, evangelists, locally produced programs, or old syndicated programs and movies.

Also some comments from Paul: "You were right about chan 26. FCC here has no record of location or call letters of it. R. Grant thinks it's downtown, & he can hardly get it. But then he has trouble getting Det-56!" "We must have a Toledo, Oh. -48-LPTV-it's on Hard to get here-must be very low power. I got it mid-nite the other nite running a 3/4 T.P.- Hometown TV...."

"Back to the other other stations close by." WADL, ch. 38 in Mt. Clemens MI, is running Home Shopping Network. "Still on & off 12 to 12. ID slide, no audio - period! Don't ID on hour or half hour part of the time?"

"48 - Toledo, Oh - has got to be W48AP - very low power! Can hardly get them later - both V & A! They run - (nite) Movie Greats Network. They

ID as 'Hometown 48.'"

Talk about LPTVs using deceptive call letters! Here's this from **NATE ELY** (Madison WI): "A mystery solved: WSSM-54 is a low power station. The real calls are K54DB. I called the station and talked with the engineer. He said that ch 54 had been using channel 5 as a studio to transmitter link until last week. He said it was legal under provision #2447 (or such). Now they are using UHF channel 66 for their STL. Actually they are skewed all the way into channel 67 but their bandpass filter is being returned this week. The engineer said using an unused UHF channel was cheaper than using a microwave link (I think it stinks). He said further that there were no calls for the ch 66/67, that I should use the same calls as for channel 54, K54DB. Have you ever heard of such a thing?" Sounds like some kind of temporary authorization the FCC must have granted, since any license would include call letters. Let's see how long it stays on the air. A photograph of a CBTP on ch K54DB has superimposed, "The movie will return shortly. Please call WSSM-TV at ###-#### if you can see us on UHF channel 54."

From **RON PURDUE** (Byron MN), an article from the 5/12 *Rochester Post-Bulletin*: "The appearance of the Minnesota Independent Network, which includes Rochester station KXLT-TV, has been delayed more than two months by financial dickering among investors backing the new television system. However, the network's president says an agreement is likely by the end of May. 'I would think it's going to come about by the end of the month,' said Donald O'Connor, general manager of the network hub KTMA-TV in Minneapolis. 'I think we should be able to get Rochester going just after that.'"

Ron wrote on June 5, "The network has not begun operations as of this day. And, KTMA's programming continued to falter. More and more 800-number ads, PSA's and inaccurate listings in TV Guide magazine. Plus KTMA is not on as many cable systems as K1TN-29 is on.

**BRUCE ELVING** (Esko MN) sent that same article about WNGM-34 Athens that three other club members sent in the May column. Thanks anyway, but he did send some other interesting information. The 4/89 *Broadcast Newsletter* (from the Society of Broadcast Engineers) carries an interesting but extensive story about residents of Rewey, 50 miles SW of Madison, who couldn't receive WISC-3. The engineering team measured decent signal strength up to the city limits, but when reaching the area where complaints were coming from, they discovered the problem to be interference from another source, generating a powerful signal about 50 kHz below channel 3's visual carrier. They traced the signal to a Finco Model 6-923 82-channel distribution amplifier. Neighbors near that house complained of not being able to receive any stations at all.

In a postcard dated 5/17, Bruce writes, "Local UHF low power station K58CM Duluth MN is now on the air, and has been for about two weeks. It's the first UHF here since WFTV(TV), channel 38, left the air in about 1955. No local ID on K58CM, even when testing with color bars prior to beginning operation-only the Trinity Broadcast-

ing Network ID, but mentions of 'Duluth channel 58' have been heard often over the entire network.

"Station has a 1 kw transmitter and 4250 watts, with a directional antenna - a cardioid pattern, best to the south.' Weak in such of Duluth and antenna mounted too close to the tower. It just doesn't get out. We have 100-watt UHF translators and they give better service than K58CM does with 1 kw. They said they did not want to spend another \$20,000 to get this station up to par. It was a turnkey installation, from a firm in the Twin Cities, and they used an off-the-shelf antenna with directional characteristics.' Its 152-m tower is built on land KDLH (channel 3) owns, with a guy wires strung out around KDLH's. DXing K58CM should be difficult. I get it perfectly in Esko only with the amplified UHF antenna."

**DANNY BURTIN** (Stillwater OK) reported back in April that KGCT-TV, "channel 41 in Tulsa has been off the air for several months. Station hopes to be able to put together a successful programming schedule soon, if it hasn't given up hope yet of returning to the air. The UHF situation in Oklahoma City will remain the same. Deal brought up in your column is off."

**FRED MCCORMACK** (Fargo ND) sent in this article from the 3/30 *Fargo Forum*: "Lawyers for KHTI-TV's parent company, Spokane Television Inc., said this week that WDAY Inc. closed down its news operation at stations in Bismarck, N.D., and Minot, N.D., without FCC authorization." "WDAY, which owns the two stations, blamed the situation on poor economic conditions in the western part of the state." "In a letter to FCC Secretary Donna R. Searcy, Spokane Television expresses concern that WDAY will be unable to fulfill its 'public service responsibilities' without any local programming." "WDAY is attempting to do indirectly what it is prohibited from doing directly: that is, operating KBYM as a satellite of WDAY without local programming or studios," the letter says."

Fred adds about KBYM-17, "The rest of their locally originated programming still appears to be separate from that of WDAY-6 which seems to contradict the charge of KTHI-11 that they have become a 100% satellite of WDAY-6. KTHI-11 may indeed be correct in charging that they are abrogating their public service commitment to the Bismarck and Minot cities of license. I personally suspect that the only reason WDAY-6 is not operating parallel programming is that they have been unable to acquire the necessary program rights in the established Bismarck and Minot markets."

"Some time ago I suggested that KBYM-17 and KMZY-14 should be listed as satellites of WDAY-6. At that time they were carrying the local news from WDAY-6. Since then I have come to the conclusion that...they should not be listed as satellites. Except for the network programming, they do not appear to carry any of WDAY-6's programming simultaneously."

That's about it for this month. I'm already running late with this month's column, and I still have Larry Fess, Frank Aden Jr., William Lindsey III and Dave Sinclair to tell us about the western states and Canada.

Readers' Reports—A VUD Exclusive!

Was it an apparition, or is it for real? WBSU Brockport NY appears to have finally made its migration from 88.9 to 89.1, according to what Greg Coniglio has sleuthed. Its c-p is for 7000 watts directional, and Greg heard it for 70 km, in at least one direction. "With stereo and variety of programming, but has since vanished, maybe for the summer?" I plan to be at the WTFA convention, and will try to remember to tune in as I travel through. I look forward to seeing everybody who comes, and have signed up for flea market space at Bill Kretschmer's place.

Greg has the Buffalo-Niagara winter '89 Arbitrons nailed down, with the market leader WKSE 98.5, then WYRK 106.5, WJYE 96.1, WBen AM, WGR-FM 96.9, WBUF 92.9, WECK AM, WHTT-FM 104.1, WBLK 93.7, WMJQ 102.5, WGTR AM, WPHD 103.3, WGKT AM, WWKB AM and WDCX 99.5. He also supplied a lot of station news, from his trip to SC, which will appear next month. "Hope you can use this for the 13th edition. Hi! Enclosed is my money for the 12th FM Atlas. Hope it comes soon; lots of new stations!"

Another itinerant DXer is Matt Sittel, who went from TN to FL, with the results of his tuning-in appearing below. His most interesting logging had to be KA2XXE 107.9 Columbia FL, which you'll see in the new FM Atlas, sans calls. "The signal was strong. I got to hear 2½ loops (30+ minutes) and it was still in, though fading. It was strong when first discovered. Interesting." Because of the promotional nature of this experimental station (see below, "Call Letters"), I may have to consider it a commercial station. Tune it in, if you get skip from north Florida, or if you travel that way, and tell me what you think of this unique station. "I hope some of this is of use [in this column]."

"Thanks for your recent card and for the notice about my FMedia! subscription. I will not be renewing at this time—the money situation. When things get better, I hope to renew my subscription. In the meantime, I can still get much of the material from WTFDA's VUD," writes a member who is employed at an FM station. "I will keep enough money aside for the FM Atlas though. I'm trying to establish priorities and in your case, the Atlas is more important than FMedia!"

A Los Angeles Times advertising supplement on "Radio" was sent by W. R. McIntosh. Obviously put out to entice stations to run ads, the rag includes a history of rock'n'roll radio—from its earliest on-air manifestations at AM stations KFVB, KPOP (now KTNQ) and KHJ, to its migration to FM. A picture, too dark to reproduce here, shows actor Howard Hesseman along with Tam and Raechel Donahue at pioneer "underground rock" station KMPX San Francisco. Also featured: KCRW Santa Monica's radio theatre outlet, which utilizes famous TV and film actors who have talent to burn on the local scene, and willing to appear on the non-comm FMer. Another article is "Dial Shakes, Rattles'n'rolls With Format Changes," all of which have been dutifully reported in this VUD column and FMedia! The latest being KEDG 101.9 outliving "The Edge" and becoming not something else, but another amorphous "fm" station. Speculation is KFAC-FM 92.3 will abandon classical, because of high debt service costs and join the rock race. KUSC \*91.5 also may quit classical. If that

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Contributions invited!

happens, the market could be virtually without that format—something almost unthinkable for a city that size.

Frank Aden, Jr.: "Thanks for the FM 'history' information. The listing of [early ID FM stations] KSEI, KRXX and KPST FM was a surprise. Trying to get additional information on KPST may be a problem since they have been sold so many times. It may be possible to get more details from KRXX, and Bill Frahm can look into KSEI since they are owned by KBOI... I hope to be able to put together a similar article on Idaho FM radio for the WTFDA. A few days ago I viewed the Jan. 1946 copies of the local paper and found an article listing three new FM applications for Idaho (none appeared to have gotten on the air), but I hope to spend more time looking over the papers including the frequency changes. From what I found in the files at the Idaho Historical Library, KIDO-FM came on the air in either late 1946 or early 1947. That is also about the same time for KFXXD-FM, so I will be looking that period over. The microfim viewers at the library have copiers built in so I will be able to make copies of anything I find.

"I had to make about 20 calls to Hawaii... Almost all of the FMs on the air answered my letters and I was able to get formats for all of the FM stations. KGU AM claims to be getting an FM by this summer; however, frequency not disclosed. [It may be in the '89 Broadcasting Yearbook; mine is an '88—b.e.] Getting them to give me all the information I wanted was like pulling teeth. I did not run into a single station that said they were not stereo, but learning from experience, I found that stations do not always tell you the truth. Bill Frahm mentioned he knows several stations who have stereo installed but do not always have it turned on. KJHY is a good example, as they seem to have the stereo turned off a good deal of the time. [Actually, that is a good practice—a very honest one. If you're broadcasting a monophonic program you should shut the \$ generator off—b.e.]

"The Snake River Valley almost acts as a 'tunnel' for many of the FM stations in the valley, extending signals more than double the distances the FCC has them listed as. The high AATs of many of the stations also amplifies the effect." Bill is hoping to buy a house or duplex. "Hope to find one by the end of summer. Would be real nice to be able to get some outside antennas up."

From Detroit, Paul Gaines sends a lot of information.



Lynne Woodson is the morning newscaster on WRIF-FM (101.1), does voice-overs on a great many commercials and is a former disc jockey on the old WMJC-FM, when she and Lorne Dean played Tom Paxton and Harry Chapin cuts.

Rumor has it WDTR \*90.9 may be either traded for an AM somewhere, or become a relay of jazz station WEMU \*89.1 Ypsilanti. The 30-seconds of radio silence supposed to have taken place on all stations at 7:42 a. m. local time May 26 went over like a thud in most places, "a harmless promotion [that] hardly madeth Earth stand still," muses the anonymous writer of radio news in the Detroit Free Press, who calls him/herself TCL (The Constant Listener).

Shades of my pirate

FCC—FM

transmitter, "The Beam," which I used for real estate radio in NE: Knight-Ridder newspapers has distributed a story about the Private Waves receiver, a hand-sized portable thing with earphones attached. When used with its companion base station, it relays audio sources like TV, radio, phonograph and CD to another set. It's not infrared, so it plays through walls, etc. It uses an FM frequency of either 88.1 or 107.9 mhz, with you choosing whichever is clearer. "The sound, by the way, is restricted to monaural reception even though the source may be in stereo." System sells for \$89.95.

Speculation is that WGRP 107.5 might quit its hard-core soul approach and go black adult-contemporary. Several stations have done this, and I need your guidance, fellow DXers, as to what to code them. I continue to use "s" for soul or "urban," and would like to do so, if that best describes the new (?) format. Naturally, I oppose creating a new category for a format that may be short-lived like Disco was in the 1970s.

I exhort DXers to report on the stereo status of stations they hear, since that is a prominent part of my publishing activity, including this column. Gus Mancuso retorts: "Never understood this. At the low gain levels that most new stations are logged, stereo won't come in even if a station is in stereo. My set has automatic muting; maybe that's why I don't hone in on it as much as others do... I think it would be better if FCC gave Class A permission to raise tower height, not power. Six kw would increase adjacent channel interference. Raising antenna height would allow these stations to 'fill in the cracks' (go into areas where nothing on that frequency covers now). Of course it is a lot harder for a station to fix up a higher tower than to put in new equipment. I defer to the experts on this one! Some Class As are so close already nothing would increase coverage in some directions (toward each other, that is). One oh five point five is the worst."

Ken Onyschuk supplied the item about WUEZ-FM to stay with those calls in Morris IL (see below, "Call Letters"). "Not listening to FM much, just reading the radio news in the Sun-Times. Trying to change jobs, a little fishing. Following the NBA... Enjoy VUD and keep the membership up to date on the Chicago area scene. Enjoy your summer."

Bill Nienajadly is ready to hand out crutches to FM stations that he calls "lame." He defines them as ones that play "endless drones of

FM Orthopedic Help Needed?

Air Supply, Barry Manilow, Lionel Ritchie, Simon and Garfunkel, Carly Simon, Bread, etc. They claim to play the hits of the '60s, '70s, '80s. They should not be confused with oldies because a true oldies station will not be afraid to play Steppenwolf, Cram, Guess Who, Janis Joplin, etc." Stations in the "lame" category are WALK-FM, WNSR, WLTV, WKJY, WEZN, WEBE, "just to name a few—yawn!" He also sent an article on FMX that was in the NY Daily News, which included both pro- and anti-FMX views. Bill's "WVNU at 1160" turned out to be a WKNJ 550 very close to his QTH, at Ringwood NJ. Bill's turned out to be a fan of pirate "WHOT 91 and a half," saying they play requests, are friendly, and air complete airchecks of old radio shows. "I really wish they go higher power or get a even better frequency because there prone to interference from WBJC in Baltimore, especially with the early morning tropo enhancement. They are stereo, but mono here."

Before there was a Howard Stern, Larry Josephson shocked New Yorkers (if that is possible in that market). Now he's back on WNYC-FM 9 p. m. Saturdays, having been five years ago on WBAI \*99.5 when Ruth Hirschman hired him.

Now onto material that appeared last month in FMedia! newsletter, which I publish. It is selected material, predigested and regurgitated at you in this smaller-than-life format. Look for, inside, the feature "See Also," in which I summarize from the June VUD what you should have read here originally.

### Let Silence Prevail

Radio stations were urged to observe a 30-second period of silence or "dead air" around 7:42 a. m. local time May 26—as a kick-off to the National Association of Broadcasters' Radio Campaign. Stations are now exhorted to broadcast spots telling how essential radio is.

I can recall in the mid-1950s when my local area stations collaborated to be off the air an entire weekday morning—again, to "prove" how vital radio is. Not knowing why they were off the air, I fired up a low-powered transmitter in the house and rebroadcast an out-of-town FM station that morning to the neighborhood.

Reaction to the NAB's 30-seconds of silence seems to be mixed. Stations like KPWR Los Angeles, WQAL Cleveland, and Howard Stern's WXRK New York had favorable comments about it. Letters to the editor of Broadcasting, however, questioned the merit of calling attention to a medium by causing a halt to its operation. Glenn Hauser, on his World Radio show on WRNO New Orleans shortwave, noted the spots were "not synchronized. They should have been over the networks." Some stations he found did not carry them at all, chiefly what he calls the "religious hucksters." Now, Glenn, most Christian broadcasters are not in it for the money [except for a

minority that abuses the process]. But I digress.

Exercises like an all-morning hiatus or even one lasting only 30 seconds are meaningless. A medium of communications as vital as radio needs no collusion among broadcasters to demonstrate to the public its worth. If the nation's "responsible" broadcasters are not there to serve, then pirates like I was in the 1950s would be only too glad to provide service abdicated by the stations. [My "pirate" transmitter was later used by KUMD Duluth, in the local college's first broadcasting venture, which led directly to the development of the 100-kw FM station on 103.3 there.]

You might remember reading in March (p. 1, col. 2) about a contributor being estatic about a Merced CA station actually signing off, along with anthem and "white noise." A relief, not just from the cacophony of much of FM these days, but a chance to witness a station locking up and giving its equipment a rest! The problem is not with stations in collusion during prime time, but it is more in the incessant, non-stop operation of their transmitters. Let's bring back the fun in broadcasting, where stations sign off at night, so that listeners and station owners alike can fish around the dial and see what else is on or near their frequencies. As broadcasters, you can send a message to the public that you're concerned about the energy crisis (whether real or contrived), and you will show stewardship of your frequency by signing off. The symbolic act of signing off and showing that you are conserving electricity could do more for your community than staying on to serve a few night owls.

Let I offend the night-shift element, or broadcasters wanting all clock radios in their markets to be set to their frequencies, I would suggest a plan be worked out among the stations in a community to rotate their all-night schedules. Rock station A could be on all Tuesday morning (midnight to 6), while rock station B is off the air. MOR station C could be on all Wednesday morning while country station D is on Thursday mornings, and so on.

This would assure more reliable equipment maintenance than now, since not all stations have duplicate transmitters, auxiliary antennas at a different site, emergency power, etc. I am noting an alarming tendency of stations to quit broadcasting in prime time because of either breakdowns or "scheduled maintenance." Thus, the local Minnesota Public Radio station was off the air an entire afternoon, because that's when the engineer comes to do his or her annual maintenance. Yet, they broadcast 24 hours nonstop other days. Commercial stations are similarly forced off the air—sometimes over 24 hours at a time. This happens in the largest markets, with the shutdowns at the Empire State Building legendary. When that happens, it sends massive parts of the NY FM dial into silence at the most unpropitious times.

At the risk of raising the spectre of "collusion," I'd say it's time for broadcasters to re-examine their policies of operating 24 hours a day, seven days a week. Dare to sign off at night, and actually increase the technical reliability of your equipment—and at the same time increase your service!



New FM Station, Translator Grants

AL Dothan WESP 102.5 3000 h.v.; 100 m
AZ Talladega 97.5 3000 h.v.; 44 m
AZ Green Valley 97.1 1650 h.v.; 118 m, g.
Abundant Life Ministries (W. Air Ranchers
AZ Window 105.1 100000 h.v.; 300 m, Dexter/
AR Menz K220C \*91.9 (KSCBC 90.1 Hot Springs)
AR Texarkana 106.3 3000 h.v.; 100 m, State Line
Bcstg. (see also "Deletions")
CA A Twister (Merced) 92.5 3000 h.v.; 100 m, H
Group, Inc. (90.5 Arcata)
CA Farndale K26AU \*89.1 (KHSU)
CA Kingsburg 106.3 3000 h.v.; 100 m
CA Madiera 107.3 3000 h.v.; 100 m, M. F.M. Inc.
CA Vista KSON-FM1 97.3 30-w booster of San
Diego station (90.5 Arcata)
CA Willow Creek K204BL \*88.7 (KHSU)
CT Brookfield WRK1-1 95.1 1000-watt booster of
Brookfield station
FL Lafayette (Tallahassee) WKXJ 99.9 3000 h.v.;
100 m
GA Omega 107.5 3000 h.v.; 100 m (m
GA Trenton (Chatanooga TN) 98.1 500 h.v.; 249/
IL Carriers Mills WBVN 104.5 3000 h.v.; 100 m
IN Washington 107.3 3000 h.v.; 100 m,
KY Louisville WJDF-FM1 96.5 600-w booster of
Corydon IN station
KY Salyersville 97.3 2600 h.v.; 107 m
ME Kennebunkport 104.7 3000 h.v.; 100 m
ME Madison 97.5 3000 h.v.; 100 m, Tanager Bcstg.
Co. (h.v.; 100 m, R. J. Linder
MN Waite Park (St. Cloud) 103.7 3000/
MS Greenwood 101.3 3000 h.v.; 100 m
MS Utica 92.9 3000 h.v.; 100 m
MO Perryville 93.1 3000 h.v.; 100 m
MO South West City 100.3 3000 h.v.; 100 m
NM Gallup 106.1 50000 h.v.; 43 m, MBC
Communications (Life Ministries
NY Friendship \*89.1 3000 h.v.; 100 m, g. Family/
NC Erwin \*88.3 3000 h.v.; 61 m, Central Carolina
Community College (Inf Bcstg.
NC Nags Head 92.3 3000 h.v.; 100 m, Coast-
NC Rocky Mount 98.5 1700 h.v.; 127 m
OH Paulding 97.3 3000 h.v.; 100 m, S. Doak
OH Wapener KBIX-FM (AM is in Muskegon)
102.1 3000 h.v.; 100 m, Ebony Bcstg. Co.
SD Milbank 104.3 97000 h.v.; 299 m
TN Alamo 93.1 3000 h.v.; 100 m
TN Blountville \*88.5 470 h.v.; 64 m, g. B. Ed.
Association. See additional information about
Blountville Education Association (see Family
Stations, Inc.), February FMedial p. 5.
TN Calhoun 104.1 3000 h.v.; 99 m
TN Grayville 95.7 690 h.v.; 197 m
TX Georgetown 107.7 3000 h.v.; 100 m
TX Pext 107.3 50000 h.v.; 99 m
TX Tyler 104.1 50000 h.v.; 150 m, Tyler FM, Inc.
VA Windsor (Norfolk) WXR1 107.7 3000 h.v.
WA Bridgeport K220CS \*91.9 (KPBX 91.1
Spokane) (ota Communications
WA Colfax K223 1600 h.v.; 132 m, Dak-/
WA Orville K220CR \*91.9 (KPBX)
WI Rudolph 99.9 3000 h.v.; 100 m
PQ Lac Megantic 107.1 2700 h.v.; Reseau des
Apalaches Lines. (des Apalaches
PQ Theford Mines 103.3 16000 h.v.; Reseau/

well-known area TV personality Alan Archer
does the weather. "One of the segments
mentions Ocala being one hour away, and
Walt Disney World being three hours away.
... Interesting!"
FL Fort Myers \*91.5 WSRX (WSCA), g
FL Key Colony Beach 105.5 WKKB
FL Marco 92.7 WGUF ("Z-Rock"
FL Port St. Joe 94.6 WWZR (WJST), p./
GA Ocala 97.7 WSPX (WKAJ)
ID Hayden 94.5 KNWC
ID Mountain Home 99.1 KLVJ-FM (KJCY-FM);
removes from 99.3 HD, p. 169 FM Atlas-12
IL Bushnell 104.7 WISQ
IL Morris 104.7 WUEZ-FM (WCLR). "WUEZ-
FM to stay, despite FCC OK to switch to
WCLR. Bonneville Broadcasting must have a
dam good reason to still 'hold on' to the
WCLR Chicago 'rights'. One of our point
nine is WTKX, but Bonneville paid the WVEZ
owners an undisclosed sum not to switch to
WCLR." You'll see, below, that the WCLR
calls are instead going to Piqua OH.
IN Knox \*89.3 WUVX
IN Logansport 102.3 WLHM (WSAL-FM)
IN New Carlisle 102.3 WGTC (WSPW)
IA Davenport 103.7 KUUL (KIJK), "Cool"
KY Hazard 104.7 WJMD
KY Henderson \*89.5 WKBP
KY Manchester 105.7 WTBK
LA Basile 102.1 KBAZ
LA Erath 92.9 KBAZ
ME Lincoln 99.3 WHMW (WGUU)
MD Frostburg \*97.1 WLIC
MD Glen Burnie 95.9 WWIN-FM (WGHT), still s
("black-a-c"); or is it really s?
MI Carrollton 100.5 WKFK (WCWK)
MI Lansing 101.7 WKKP (WILS-FM)
MI Mount Pleasant 104.3 WMMI-FM
MN Grand Marais 95.3 WYOT
MS Holly Springs 94.9 WHLE
MS Vicksburg 101.1 WBBW, to 1330 h.v.; 146 m
MO Ava 105.9 KKOZ-FM (KCOA)
MO Boone Terre 104.3 KDDB
MO Gordonville 99.3 KTXI (KCGO)
NY Canandaigua 102.3 WLKA (WFLL), p. 5.
"Drake jazz-new age"
NY Elmira \*90.3 WCHI
NY Hudson 93.5 WRES (WRVW), m
NY Oswego 105.5 WGES (WSDG-FM)
NY Rotterdam 98.3 WSHZ (WNYJ)
NC Fuquay-Varina 103.9 WNNW (WAVO), mj,
new age. "The Wind"
OH Akron \*88.1 WZIP-FM (WAUP); AM is a
commercial station in South Daytona FL
OH Lancaster 103.5 WSWZ
OH North Baltimore 107.7 WHMQ (WIZD)
OH Piqua 95.7 WCLR (WPTW-FM)
OH Upper Arlington 98.9 WXMW (WKVE)
OR Cave Junction 102.7 KCNA (KBBG)
PA North East 100.9 WRKT-FM (WRKT), to 80
m (3000 h.v.); stereo to be added?
PA Pittsburgh 104.7 WNRJ (WYDD), r., "Energy"
PA Salladasburg 95.5 WKXU-FM
RI Narragansett Pier 102.7 WPJB
TN Centerville 96.7 WYXE-FM (WCOT)
TN Wartburg 101.3 WECO-FM (WGTG)
TX Bastrop-Austin 107.1 KGSR (KSSR), jm,
"progressive adult contemporary-jazz, not
real jazz, but 'commercial jazz,'" and "Star
107.1" nonID
TX Hamilton 92.1 KCLW-FM (KATG)
TX Tyler 93.1 KTYL-FM (KTYL-FM; AM
gets new calls)
VA Christiansburg 100.7 WFNR-FM
VA Norfolk 105.3 WZCL (WXR1), r (oldies),
"Cool 105"
WV Salem 105.7 WKX1, to 1200 h.v.; 157 m

AR Fairfield Bay KFFB 106.1 (from 106.3)
50000 h.v.; 150 m, C2
AR Little Rock KUAR \*89.1 269 m (73500)
CA Walnut Creek KOIT-FM 196.5 (from K244BQ
96.7), 10-watt booster replacing translator
CO Pueblo KATM-FM 100.7 13000 h.v.; 647 m
FL La Belle WKZY 92.1 100 m (3000 h.v.)
FL Punta Gorda WOLM-FM 92.9 150 m (50000)
h.v.)
FL Rock Harbor WKLG 102.1 (from 102.3)/
FL Titusville WGNF-FM 98.1 (having moved
from 98.3), "The Great '98." Calls not
"WSCF," as on p. 166, FM Atlas-12, and now
kcountry format
FL Venice WCTQ 92.1 3000 h.v.; 90 m
FL Vero Beach WAVW 103.7 (from 105.5)
50000 h.v.; 145 m, C2
GA Byron WPWB \*90.5 16500 h.v.; 138 m
GA Forsyth WFXM-FM 100.1 1900 h.v.; 174 m
GA Statesboro WUUF 102.9 1200 h.v.; 152 m
HI Lahaina KLHI 101.1 160 m (1400 h.v.)
IL Coal City WKXB 100.7 170 m, power not
announced, but estimated to be 1500 h.v.; to
achieve maximum Class A status
IL East St. Louis WSNL 101.1 44000 h.v.; 160 m
IL Pekin WCIC \*91.5 has 31000 v (35000 h, 104
m, d-4). "Our
signal is direc-
tional, with the
hot spots at
approximately
30°
and 150°. We
have a null at
about 250° in
order to pro-
tect a college station in Macomb IL (91.3).
Under normal conditions WCIC can be heard
with a listenable signal for a 60-80 km
radius.
IN Bluffton WBGW 100.1 2600 h.v.; 107 m, adds
vertical (94.3) 50000 h.v.; 150 m
IA Sioux Center KVDB-FM 93.9 (from/
MD Bel Air WJZZ \*91.1 69 m (2250 h.v.)
MO Eldon KLOZ 92.7 31000 h.v.; 189 m
NH Keene WNNR 99.1 1590 h.v.; 227 m
NH Keene WKNH \*91.7 (from 91.3) 190 h.v.;
-111 m, adds vertical
NC Charlotte WFAE \*90.7 210 m (100000 h.v)
NC Grifton WVVY 99.5 (from 99.3) 16500 h.v.;
257 m, C2
OH Shadyside WBJY 95.7 850 h.v.; 191 m
PA Philadelphia WMMR 93.3 15800 h.v.; 271 m
SC Florence WYNN-FM 106.3 3000 h.v.; 100 m,
"FM-106"
TN Martin WCMT-FM 101.7 adds vertical
TX Bay City KMK5 102.5 (from 92.1) 50000
h.v.; 150 m, C2
TX Georgetown KQFX 96.7 (from 96.5), The
Fox
TX Jacksonville KBJ5 \*90.3 81 m (3000 h.v)
TX Kilgore-Longview KTKX-FM 96.1 (from
95.9), "96-X," 31700 h.v.; 189 m, C2
TX Merkel KFOX-FM 102.7 66000 h.v.; 350 m
TX Round Rock KNLE \*88.1 3000 h.v., 78 m
TX Wichita Falls KQOV 103.3 310 m (100000
h.v.)
UT Cedar City KBRE-FM 94.9 55000 h.v.; 37 m
WA Ellensburg KQBE 103.1 150 m (50000 h.v)
WV Matewan WYKM 106.7 1200 h.v. (164 m)
WV Parkersburg WMPG 99.1 (from 99.3) 11400
h.v.; 148 m
WI Menomonee WHWC \*88.3 25000 h.v. (320 m)
WI Watertown WTFX 94.1 150 m (50000 h.v)
ON Cobourg CFMX 103.1 82800 h.v.; 255 m



NEW LIFE RADIO
3263 Court Street
Pekin, IL 61554
Phone 309-353-9191

sidewalk in front of the station the night of
May 12 as the format ended. Advertising sales
were said to be up for the eclectic rocker, but
not fast enough to suit management.
IA Ingwood KACE 103.9, "black-a-c"
IA Lempop KBOX 104.1 r, \$ (Radio
CA San Diego KJOY 103.7 m, Adult Spectrum/
CA Shafter KKB8 97.7 rp
CO Fort Collins KCSU \*90.9, and Great by KUNC
\*91.5 talking about merging
CO Steamboat Springs KSBT 96.7 m
CO Windsor KUAD 98.1 kcountry
NY New London WTOY 100.9 m, "soft AC"
FL Immokalee WCOO 98.3 r, SMN oldies
GA Hinesville WXLG 92.1 k, "Q-92"
GA Marietta WGLX-FM 100.1 km, with lots of
IL Mendota WKLF 106.5, now \$, "G-100"
daytime pop, now \$, "G-100"
IA Clarinda KOIS 106.3 m, SMN a-c
IA Gatesburg KMOO 107.1 r, SMN
KS Girard KYPG 101.1 m, "soft rock, 25-45
age group appeal. They came on Sept. 1,
1988. I asked if KYPG is still stereo. The lady
said, 'I don't know what that means!' She
asked someone there, but they didn't know for
sure-thought they might be." Not 24
hours, signs off at midnight; telephone (316)
724-8164.
KS Wichita KSOF \*91.1 g. Transmitter north of
town, close on the dial to KGAM \*90.7.
Wichita ("Udall")-see "Stereo," below.
LA New Roads KOXL 106.5 kcountry
ME Waterville WTVL-FM 98.5 m
ME Westbrook WYXZ-FM 100.9 r, "solid gold"
still "Y-101." "The station has improved."
MA Brookline WBOS 92.9 rj, "a hybrid format
featuring a blend of rock, jazz and adult
contemporary," with nonID \*92.9 FM
Album Classics."
MI Gladwin WGDN-FM 103.1 b, \$
MI Gulliver WTIO-FM 94.7 m (a-c); \$?
MI Mio WFMA 103.9 m; stereo?
MI Port Huron WORW \*91.9 p/progressive rock
MI Alexandria KSTQ 99.3 r, "Star 99 FM"
MO Florissant KLTH 97.1 r, no longer "K-Lite"
MT Hardin-Billings KKUL-FM 95.5 (oldies),
"Cool 95," \$/stereo) ("The Q"
NV Henderson-Las Vegas KMZQ 100.5 sr, /
NV North Las Vegas KJUL 104.3 m, "soft-a-c"
NV Reno KSXY 101.7 r, CHR, still "X-102"
NJ Long Branch WRMJ 107.1 m
NJ Paterson WPAT-FM 93.1. "Both WPAT AM
and FM have the same music program and are
doing well. In fact, they are doing so well that
their combined ratings bring them to No. 1
status in New York City. Bruce, you can
appreciate how hard it is to make No. 1 status
in New York City."
NY Endicott WMRV 105.7 m
NY Lake Placid WLPW 105.5 r, CHR
NC Shelby-Charlotte WYMG 96.1 r (oldies)
OH Port Clinton WOSE 94.5 m, "soft rock"
PA Dallas WDL5 93.7 k
TN Loudon WLOD-FM 99.1 r (oldies); Stereo
TN Oak Ridge WKNF-FM 94.3 r, Transtar Oldies
TX Gainesville KODG 94.5 rp
TX Houston KODA 99.1 m, Adult Spectrum
Radio (mj), "new age"
TX Kingville KWVS 97.5/ (contemporary"
TX Rockdale KRRT 98.9 m, "adult"
TX San Antonio KQXT 101.9 m, Adult Spectrum
TX San Antonio KQXT 101.9 m, Adult Spectrum
TX San Antonio KQXT 101.9 m, Adult Spectrum
VA Cape Charles WKSX 96.5 g./r/
VA Charlottesville WVTU \*89.3 c), \$ assumed,
same as WVTF Roonke
WOMZ 95.1 m, Transtar 41, soft-a-c
WA Newport KMJY-FM 104.9 k; \$?
WV Vienna WDMX 100.1 to be r, SMN
ON Toronto CFNY 102.1 still rp, with a
5,000-name petition carried to a CRT
hearing to tell of listeners' unhappiness over
recent format modifications and asking for a
renewal hearing. Station now owned by
Maclean-Hunter.
NL Montserrat XET-FM 94.1 r, \$, "Super ET"
(said in Spanish)

CA Merced KBCY 106.3 r, oldies
CA Shingler Springs KLIO 102.1, g, "Q-102"
CA South Lake Tahoe KTHO-FM 102.9
IN Monticello WMR5 107.7, rk, plus one
"obscur" selection in a group of three.
KS Wichita KGAM \*90.7 (list town as Wichita;
transmitter as Udall), "K-Jam FM 91," rj,
" gospel hard rock-very hard, loud rock
"obscur" selection in a group of three.
MI Port Huron WSGR \*91.3, pj, both "progressive
jazz" and "progressive rock"
MT Billings KFB4 94.1, to be rp (AGR)
NM White Rock KKBZ 101.1, m), "the Breeze"
OH Edgewood WZOO-FM 102.5, tu, 67, "tele-
metry chirps" SCS, with station ID usually
given five or 10 minutes to the hour: "The
WZOO-FM Edgewood temperature is...
NonID is "The Exciting New Zoo 102.5
Ashtabula." Travelers "would never find
Edgewood OH on the map without the FM
Atlas." Radio announcements on Zoo-102
say the broadcast comes from "downtown
Ashtabula"... It seems very weird having a
rock station next to WDDK on the dial."
TN Humboldt WLSZ 105.3, r, "Z-105.3"
Monophonic
CA Bakersfield KTQX \*90.1, Spanish, Ir
CA Calexico KUBO \*88.7, Spanish, Ir.
CA Corcoran KLCZ 102.3 lists mono, no music
format, as is off the air.
CA Mount Bullion KCIV 99.9, g. "The stereo will
probably stay off until they make new
antenna arrangements which could be a year
or so down the road. I'll let you know if they
resolve the problem and go back to stereo."
CA Piceville KHTN 92.1, r, "K-Hangtown"
On Air (Selected)
FL Englewood WSEB \*91.3, g; is it \$?
HI Waimea KFMN-1 96.9, 50 watts
ID Twin Falls KBSW \*91.7, in parallel to KBSU
Boise. "Grapeline has it here that KSPD 790
is negotiating to buy KBXL 94.1 from
KBBN. KIYS 92.3 has been running a more
'hardrock' format the last couple of weeks...
KJCY-FM (Mountain Home ID) move to 99.1
with 100 kw would drop their signal into
KOPJ-FM's (Idaho Falls 99.1) primary
coverage area near Raft River ID."
IN Columbus WKKG 101.5 now 50000 h.v.; 150
m, new tower, "local like here," still k, \$
IA Des Moines KDFR \*91.3, Family Radio,
gospel format by satellite. Stereo confirmed
by air check. FMistake, p. 150 FM Atlas-12,
calls are not "WDFR."
OH Fairborn WWSU \*106.9, "but doesn't get
out well on a car radio"
OK Heddon-Ardmore KICM 105.7 (having
moved from 105.6), \$, k, C1
ON Kitchener CKGL 96.7 now with 100000 h.v.;
201 m
Off Air or Not Yet On
AK Fairbanks KING 95.9.
CA Goshen KYIA \*90.1
CA Greenacres KAXL \*88.3
KRAB 106.3, expected to be on by July
CA Lamoreaux KQYZ 104.9
CA Philo KZYX \*90.7, had hoped for early May
HI Hilo KHII 92.7, telephone disconnected
HI Honolulu KAGB 99.5, KOAU 105.1
HI Kailua-Kona KLUA 93.5
HI Kaneohe KANY 104.3
HI Paeoii KHCR 103.7
HI Waimea KGGG 99.1
NY Oswego WPZX 96.7
PA Avie/WHOE 99.9 "didn't make it on the air as
expected. Did some testing in March and
early April"
CA Bakersfield K204AH \*88.7
MI Gladstone WCLS 105.5
SC Charleston WCWE \*90.9, frequency taken
over by WYFH \*90.7 North Charleston;
WCWE not listed in the Charleston Post.
TX Texarkana K292CQ 106.3--because of new
grant in Texarkana AR
"Keep up the great work--love the newletter."
"Thank you and looking forward to the new
Atlas. Always welcome and helpful."

FMistake, FM Atlas-12
CA San Jose KLEL FM Maps, pp. 74, 76 is on \*89.3
(not 88.9)
CA Yucaipa \*90.1 KLRD should use dot, p. 79
map, given to Yuca Valley. The Yuca
Valley dot should be placed to the east (near
Dart Hot Springs)
FL Mary Esther WY2B 105.5 out of sequence, p.
105
WI Map p. 48 remove Ashland 100.9t
"i shall probably still be in Europe when [the FM
Atlas-12] is published, accompanied by my
trusty Sony ICF-SW1, which, the size of a
package of cigarettes, makes a marvelous
AM-FM-SW travel receiver."
"I've found the 11th edition of the FM Atlas to
be both informative and interesting. Really
enjoy the monthly FM Atlas also."
SC Services, 67 and 92 kHz (selected)
Symbols are as shown in the "FM Atlas"
CA La Grande KDFR \*89.9 r, 67 kHz (from TSI)
CA Tulare KEOS 94.9 no SCS (had FM, 67)
CA Jugg 106.7 r, 67, Portuguese
IL Chicago WKX 101.1 r, Chinese, 67; r, 92
WKMK 104.3 r, 92 (fz, 87)
IL Kankakee WONU \*88.7 r, 67, (tal k); tu
(telemetry), 92
IA Clarion KRIT 96.9 r, 67 (tu, 92)
IA Fort Dodge KTFD 121.0 no SCA
TX Lamesa KIDL 100.3 tu (total), 67, r, ID with
Midland-Odessa-Big Spring. "Oldies 101
FM,"
WA Seattle KLTX 95.7 no SCA. Had PRN, 67.
WI Lancaster WJTY \*88.1, tu, 67; now Stereo
"Thanks much, for adapting my receiver to
tunable SCS. It's just as you said--like being
in another city, as standard AM-FM in our
locality just doesn't have the SCS-type
broadcasting. I'm still absolutely amazed...
Monitoring Times surely has you in high
regard!"
"By the way, I enjoy the SCA receiver."
"I received the Superadio with two SCA
apters and it works fine. I plan to use it for
WOI-FM's radio reading for the blind, which
begins on their 92 kHz subcarrier 7-1-89. In
order to test it, I hooked it to my 10-element
yagi in my attic (pointed to Ames) and
received their 67 kHz subcarrier and it came
in very well. In fact, WOI-FM seemed to have
the least crosstalk of any station."

Format Changes

Formats are the same as in the "FM Atlas"
AZ Phoenix KMEQ-FM 96.9 m
AR Stamps KMSL 100.5 r, SMN Pure--oldies
CA Glendale KEGD 101.9 m, soft-a-c, "K-Lite,"
throwing over "The Edge." D-is, listeners
paid homage to the end of "The Edge,"
including a vigil by about 24 people on the

Facilities Changes Granted

AL Birmingham WZRR 99.5 5305 m (100000 h.v)
AL Evergreen WEGN 93.3 (from 93.5) 50000
h.v.; 124 m, C2
AZ Phoenix KPHE \*88.3 25000 h.v.; 307 m

Call Letters Assigned

AL Dadeville 97.3 WZLM
AZ Casa Grande 105.5 KFAS-FM (KBBT)
AZ Wickenburg 105.3 KTIAM-FM (KCIW-FM)
CA Greenfield 107.9 KQKZ
CA Lake Arrowhead 103.9 KSHO (KBON)
CA San Rafael 100.9 KTIID-FM (KTID)
CA Woodlake 104.1 KQKX
DE Milford 101.3 WXPZ
FL Columbia \*107.9 KAZXXE, mono tal k,
"Disney Radio," a 13-minute tape loop
consisting of cartoon character voices and
human voices talking about the MGM studios
at Walt Disney World, EPCOT Center and the
Magic Kingdom. At the end of the loop,

NE Chadron KOSK 97.5 no stereo, confirming earlier reports of no stereo, so station must have discontinued this feature; remove \$ listing, Allen, p. 14

NonIDs, Not Just Slogans

CA A tascadero K100 104.5 Pure Gold 104 (strict). CA Cambria KOTR 94.9 The Otter CO Security KBZE 105.5 The Breeze DE Ocean View WOJV 101.7 Kiss-FM FL Madison WWBA 104.9 Star FM

GA Blue Ridge WPPJ 103.9 P-103, still mono GA Canton WCHK-FM 105.7 (having moved from 105.5), Atlanta's New Country GA Valdosta WOPW 95.7 Power 96

NV Henderson KWNR 95.5. NM Hobbs KZOR 94.1 no nonID, throwing out/ NY Brooklyn WKRR \*90.9 B-91 NY Buffalo WHTT-FM 104.1 Oldies-104 (strict) NY Mount Kisco WVIP-FM 106.3 V-106, r NY Wauwatosa WNYR-FM 98.5 Winner-98.5, \$ NC Charlotte WMMX 104.7 Mix-104.7 OH Dayton WWSN 107.7 Star-107.7 OH Findlay WKXA 100.5 KX-100 MN Mansfield WYHT 105.3 Y-105

SC Cheraw-Florence WJXX-FM 103.3 103-X TX El Paso KAMZ 93.1 Z-93 (not 93-Z) TX San Marcos-Austin KEY1-FM 103.5 Key-103 (from Key-104)

Multi-City IDs in Use

CO Denver KRFX 103.5 with Boulder Grand Forks ND MN Tether River Falls KSNR 100.3 with NY Patterson-Pawling WJWV 105.5, Sads Fairfield (CT) still "Kiss-100" PA Wicks WKSZ 100.3 with Philadelphia, I

AM Happenings Most Likely Caused by FM (selected only)

CO Vail KSPN 610 silent MI Flint WTRX AM 1330 fired its 15-person air staff and went to "Z-Rock" as WDLZ, "leaving Flint without a general-service radio station." PA Chambersburg WCBG 1590 silent TX El Paso KFNA 1060 silent VA Richmond WJRW 1480 deletes "AM stations are going off the air at the rate of four a month in the United States."

improving their audio chains." FM Translator Abuses (see this feature in FMedia!)

"Will probably be ordering the new FM Atlas soon—have to budget for it (hey, I'm making a big \$3.50/hour in this industry, and hope to order before the end of May)." "Your continued coverage of the proliferation of translators and the prospect of LPFM is something I look forward to each month. Keep it up. I do miss your dial histories and would like to see them possibly as a separate publication. The work that goes into them is extensive, I'm sure, and they deserve to be available in such a form to show not so much where we've been, but where we're going. Bruce, don't lose your editorial edge and not print anonymous contributions or comments in the newsletter. Those of us with any brains and common sense can sift through any schlock. The rest of them can go on reading FCC publications and Broadcasting."

FM Rulemakings Proposed (See this feature in FMedia!)

FM Rulemakings Finalized (selected) Dates are when FCC filing windows are open CA Freedom 95.9 and Morgan Hill 96.1. FCC denied petitions for reconsideration of the all ocating of these channels CA Joshua Tree dismissed petition to add 92.1A CA Oxnard 102.9A from 102.1A FL Live Oak. Denied reconsideration of WQHL-FM's request to substitute 97.7CZ for 98.1C1 GA Dahlonega 104.3A, June 30-July 31 GA Pearson 101.9A, June 30-July 31 GA Valdosta 96.7CZ from A, WZLS KY Greenup dismissed WLGC-FM's bid for 105.7B from 105.5A LA Vidalia 104.7A, June 20-July 20 MD Eastern 96.7B for A, WCEI-FM MN Duluth \*97.3CZ, no dates announced

Other Small-Print Happenings and Cherm Industry News

The FCC amended its rules to allow FM stations to specify a new community of license, without having to open their frequency to challengers. The change will only be approved if the new channel is mutually exclusive with the existing channel, and the change will not deprive a community of its sole existing broadcasting station. The FCC plans to monitor requests to move from rural areas to suburban communities in order to ensure that there is no resultant migration of services to urban areas. Commissioner Patricia Dennis said the ruling gives broadcasters flexibility to relocate stations "in response to population shifts and changing economic conditions" and it preserves allotment priorities that "help guarantee that broadcasters will serve small towns and remote rural areas."

It's gonna be more expensive than ever to enter FM broadcasting. The FCC has submitted to Congress a schedule of increases in charges for broadcast services. Here are some examples (affecting only commercial radio stations; applications for noncommercial stations are still free):

Table with 3 columns: New Station or Major Facilities' Change, Application, AM, AM or FM, Hearing, License (Form 302), FM

The increases are set to take effect 90 days after Congress received the report, and are expected to generate some \$2 million in revenue annually.

The FCC has granted conditionally the license renewal of WOHQ 104.7 Ocean City-Salisbury MD and its AM, after stations' EEO program was found wanting. Woolfson/Broadcasting also to fork over \$15,000 "for failure to comply with the FCC's EEO provisions." Ownership transfer granted to HVS Partners, "but HVS must comply with the reporting conditions."

Controversial system of helping FM stereo get out as far as mono failed to lure any new companies to demonstrate FMX generators or receivers. Apex Systems President Marvin Caesar said his company won't be making the generators, because "there is no interest." Companies like Urban Associates have indicated cautious interest, but gave no time frame when they might make the FMX gear. Only Itronics, Inc. makes FMX generators, which are in use at about 100 stations around the country. The 8-use/MIT report, coming as it did just before the show, could have slowed down any interest in FMX.

Both Peter Hunn, former owner of WHRC 92.1 Port Henry NY, and author of the book, "Starting and Operating Your Own FM Station," and a group of NJ FM broadcasters have come out in favor of a proposal for low-power FM by AM daytimers. The NJ group got consultant Richard Arsenault to file a petition to the FCC which would create a Class A1, enabling daytime, standalone AMs to simulcast on FM with 10 watts to 1000 watts. Directional antennae would be allowed, and height would be limited to 91 meters. No word from the FCC as to whether the petition will be submitted for notice of inquiry and possible rulemaking.

FM FORUM

KT00 \*104.3 Juneau AK is installing a new satellite dish, with capability of separating the radio and TV feed. Now, perhaps, KT00's translators that pick up their signals by satellite will be capable of broadcasting in stereo! Celebrating its 10th anniversary: non-commercial KCMR 98.3 Mason City IA in stereo. Station is a refreshing change from the normal. It retains easy-listening much of the day.

Henry Studebaker sends word about his radio publishing venture. He's into the country music scene, and I know he researches stations personally. He and his wife visited the "Publishing Estate" a couple of years ago. His guide is highly recommended. It's the 1989 "Traveler's Country Music Radio Atlas," updated and revised. One book \$3.95 plus \$1.00 shipping, with discounts going to \$3.00 each for 10 books, plus 6% to the cost for shipping. Order from Hanel Publishing Co., PO Box 369, Port Hueneke CA 93041. Texas has the most country stations; Quebec the fewest. I heard a country station the night of May 31. It was on 96.1, coming in via skip from Texas. No ID heard, just "K-96 Country," in stereo with no SCA. Mentioned the "greenbelt." I'm wondering if it might be the new KOTX Odessa. Or maybe KSRW Childress.

One person sent information on CFMX 103.1 Coburg ON and its sister station, CFMX-1 96.3 Mississauga ON. It was a reprint from a magazine, which I also read originally. Article points out that CKLH 102.9 Hamilton makes picking up the Cobourg signal on an adjacent frequency quite a challenge at the CFMX-1 site, 125 km away. A highly directional Kathrein yagi antenna system is employed, along with bandpass cavity filters to weed out interference from local stations transmitting from the CN tower, in the forward lobe of the

Minneapolis-St. Paul (MN) FM Station History

Table with 8 columns: Freq., 1949, 1954, 1961, 1967, 1973, 1980, 1989. Lists various FM stations and their frequencies over time.

Footnote references to cities: 1) St. Paul; 2) Northfield (WCAL-FM was a commercial station on 95.7; then after a hiatus, it resumed broadcasting as a noncommercial station on \*89.3); 3) Golden Valley; 4) Forest Lake; 5) Richfield (WRAH and KDWB-FM); 6) St. Louis Park (KDXL moved from \*91.7 to \*106.7, but remained a minor, 10-watt educational station); 7) Anoka.

Other items of interest: KUOM-FM 91.7 Minneapolis was a construction permit, which was never activated. Similarly, KFMY 100.3 and KMSJ 102.1 (both Minneapolis) were commercial station construction permits, which never came on the air. Besides KDXL \*106.7, WMCN \*91.7 St. Paul is a minor, 10-watt educational station with limited outreach.

Sources: White's Radio Log, Vane Jones' North American Radio-TV Station Guide, Broadcasting Yearbook, and personal experience in most of the stations listed, 1949-. No area stations are listed before Spring, 1947, when "White's Radio Log" showed WTCN-FM 97.1 Minneapolis and KSTP-FM 102.1 St. Paul. I can remember WTCN-FM, shortly before it folded in 1954, talking about the high fidelity FM signal and how it was transmitted from atop the Foshey Tower, then MN's tallest building. In 1952, the family and I drove to the funeral of an uncle in Minneapolis. I had a Zenith table radio, AM-FM, and tunable booster connected to an inverter [to give us power in the car] and an FM antenna, mounted to the car's main gear. The antenna was bought used from the Duluth bus company, following the demise of transit radio and WEBC-FM 92.3. The radio and booster sat on the deck behind the back seat, connected by extension cord to the inverter, which plugged into the cigar lighter outlet. A round-about system, but it worked!

With that then state-of-the-art equipment, I could tune in KTIS-FM \*98.5 prior to 3 p.m., the only Twin Cities station, to begin broadcasting at such a delectably early hour. At 3, WTCN-FM 97.1, WMIN-FM 99.5 and KSTP-FM 102.1 signed on, all simulcasting their AM affiliates.

Commercial classical station KWFM 97.1 Minneapolis started out as 10-watt \*WNOV 89.1 St. Paul (Northwestern Vocational Inst. Institute). However, it is not certain whether or not WNOV ever operated. If it did, there was a hiatus before KWFM came into being, as the school moved from St. Paul to south Minneapolis. KWFM claimed to have high quality equipment "to match the finest sound systems" of listeners. Later KWFM was sold and became country music KTCR-FM. KTIS-FM moved from \*105.9 to \*98.5, after the deletion of commercial station K8TR, which operated in 1948 and 1949. WAYL started life on 96.1, but it was short-lived to WJMC-FM 96.3 Rice Lake WI, so when WAYL increased power it moved to 93.7. Briefly before WAYL moved to 93.7, WTCN-FM held a construction permit for that frequency, but WTCN-FM, which previously existed on 97.1, was never resurrected.

During the late '50s and most of the '60s, KWFM 97.1 and WLOL-FM 99.5 engaged in a fierce competitive battle as commercial classical music stations. However, when the snob merchants on Nicollet Avenue were loath to spend their dollars advertising on FM, and it remained for Minnesota Public Radio to steal the impetus from the commercial stations and go directly to the listeners, business owners and foundations for support. A brief attempt by KTCN 107.9 Anoka in the '70s to be successful as a classical station failed. Signal problems were cited, along with Minnesota Public Radio's (KSJN '91.1) ascendancy.

receiver antenna. A high quality receiver is used to snatch CFMX's signal from that electromagnetic mess, but the article doesn't say what make of receiver is used.

Another writes, "For classical music while travelling, there's nothing like FM, but I find that I also listen to AM in distant cities for traffic and weather reports. I would like you to include a list of AM clear channel stations in your Atlas also."

Keymark Communications, based in North Augusta, is buying WML AM and WLMG 101.9 New Orleans for almost \$13 million. WWL has

number of regional services and a TV network. Recently there have been some remarkable changes in the two radio networks here in West Germany. The FM stations, formerly with an easy-listening format and with separate programming from each other, are now linked to a rock music network (NonID: 'Z-Rock') during weekends and weeknights. Separate programming from the individual stations is now confined to weekdays and to a few local announcements interrupting the Z-Rock network. At present, the FM network consists of the following stations:

Table with 4 columns: Station Name, Frequency, Power, Location. Lists stations like Frankfurt, Stuttgart, Kaiserslautern, Berlin-West, Heidelberg.

"The AM network (Frankfurt 873 and some 30 synchronized stations on 1107, 1143, 1485 kHz) still carries most of the news and information programs, but its music format now includes easy listening in addition to country and still some rock music. Regional programs from the individual stations are still confined to a few hours a day. Until recently, both of the network programs were distributed on air [but] since the introduction of satellite feeds, a number of low-power FM stations have been opened as repeaters of the AM network in remote areas. These repeater stations provide FM sound quality in mono (although they are using a stereo carrier). In addition to these low-power repeaters, AFN has been granted allocations for high-powered FM stations at Nuremberg and Munich at the last European VHF/FM Allocation Conference a few years ago. These allocations will become effective in 1992, and I would guess that the new frequencies will be used for the FM network as a supplement to the existing AM stations."

FM Atlas-12 now available

Let this 192-page FM reference help you as you DX or travel. Its maps open to the pages where tropo or skip may be coming from—so you can know which frequencies might yield new DX catches for you! Its directories by state/province and frequency will help you identify the DX catches. A great travel aid. Music formats are given; use these to stay tuned to the songs you like even in areas where you have not DXed from home. Keep track of stations having stereo and non- or multi-city IDs, and use this reference to sleuth out stations having co-located SCA/SCSubcarriers at 67 or 92 kHz.

Published by WTFDA member and "FCC-FM" column editor Bruce F. Elving (who is celebrating 40 years of hearing FM skip, with the first such DX received May 15, 1949). Order by mail at Box 336, Esko MN 55733-0336, U. S. A., or if you want to wait, get it in person at the WTFDA convention in August. Price \$9.95 for one copy, plus \$1.05 shipping. Two or more copies are \$8.50 each, but add \$1.50 per copy for shipping. This edition features new CA maps, map insert finders, a distinctive glossy grey cover, and revised editorial musings—and, of course, more stations!

When you order ask for a free copy of FMedia! newsletter. I have several back issues on hand. This offer limited to stock on hand. Or add \$18 for a year's subscription of FMedia!

# NWS NEWS

The News and Observer, Raleigh, NC

Taped weather reports from the National Weather Service are available on weather radios or on radios with special weather bands. Here are the call letters and frequencies of those bands in the Carolinas.

|       |            |
|-------|------------|
| WXL42 | 162.40 mhz |
| WXL44 | 162.40 mhz |
| WXL46 | 162.40 mhz |
| WXL48 | 162.40 mhz |
| WXL50 | 162.40 mhz |
| WXL52 | 162.40 mhz |
| WXL54 | 162.40 mhz |
| WXL56 | 162.40 mhz |
| WXL58 | 162.40 mhz |
| WXL60 | 162.40 mhz |
| WXL62 | 162.40 mhz |
| WXL64 | 162.40 mhz |
| WXL66 | 162.40 mhz |
| WXL68 | 162.40 mhz |
| WXL70 | 162.40 mhz |
| WXL72 | 162.40 mhz |
| WXL74 | 162.40 mhz |
| WXL76 | 162.40 mhz |
| WXL78 | 162.40 mhz |
| WXL80 | 162.40 mhz |
| WXL82 | 162.40 mhz |
| WXL84 | 162.40 mhz |
| WXL86 | 162.40 mhz |
| WXL88 | 162.40 mhz |
| WXL90 | 162.40 mhz |
| WXL92 | 162.40 mhz |
| WXL94 | 162.40 mhz |
| WXL96 | 162.40 mhz |
| WXL98 | 162.40 mhz |
| WXL00 | 162.40 mhz |

Matt Sittel  
220 Brookfield Drive  
Kingsport, TN 37663  
Deadline: 8/1 for the  
9/89 VUD column  
(although later  
items received can  
get included often)

July 1989 "The voice of weather in the VUD region is NWS News"-Matt Sittel July 1989  
A LOOK AT WHAT'S NEWS FOLLOWS THE WEATHER: We're finally getting into the summer weather in Tennessee. Afternoon thunderstorms usually form, temperatures regularly reach 80° for highs every day. DX seems to be lagging behind however. Not a lot of DX seen or heard. While I seem to get the typical late night summer reception on FM, E-skip is just not happening.

At least not in great amounts. Hopefully things will pick up. Now on to lots of NWS News!!  
Bill Hepburn, 1547 Mississauga Valley Blvd., #1211, Mississauga, ON L5A 3X8 Canada

I have some news for your column regarding weather radio activity in Ontario. We now have three new stations on the air...

XMJ-374 162.475 Thunder Bay, ON  
XMJ-373 162.400 Sault Ste. Marie, ON (broadcasts in English and French)  
XMJ-838 162.475 Windsor, ON

Funding has been approved for the following repeaters (locations tentative)...  
Blind River, ON (English and French) (relay of XMJ-373 Sault Ste. Marie)

Goderich, ON (relay of XMJ-838 Windsor)  
Sarnia, ON (relay of XMJ-838 Windsor)  
St. Catharines, ON (relay of XMJ-225 Toronto)  
Kingston, ON (English and French) (relay of XLJ-696 Ottawa)

The Sault Ste. Marie station is unique. It has a bilingual format with the English portion done at "The Soo" studio and the French portion remotely loaded from a studio in Sudbury-although there is no transmitter serving Sudbury!

The St. Catharines repeater was proposed before. It may not ever get on the air because of frequency allocation problems. There are 162.40, 162.475, and 162.55 stations all close by. I don't think that the intermediate channels (162.425, etc.) are authorized yet in Canada but that is a possibility. (Bill, where is the nearest 162.40? I see Erie, Rochester, and Collingwood, but is there one I'm forgetting. Would seem like that if it is to be a repeater they wouldn't make it full power, permitting a low-power on 162.4. Of course, one of those intermediate frequencies would have to be checked so as not to be adjacent to another frequency nearby.-mcs) The problem with the Niagara Region is that the XMJ-225 xmtr is located on the north side of the CN Tower. A repeater was proposed in Pelham ON (near St. Catharines) before but that idea was scrapped. Now that idea has resurfaced. Perhaps the XMJ-225 Toronto xmtr will be upgraded instead. (Is it just 100 watts? It would help-mcs) In any event, the Niagara Region will one day will be totally covered by Weatheradio! That's all for now...

Bill sends another note: "Forgot to mention one more w radio note...there is a new station (a 'CMB') on 161.85 in Sorel, PQ...it relays VFN Montreal." Thanks Bill! Charles Gauthier mentioned the same thing to me, Charles said it's on "channel 25-B or 161.850 MHz". Thanks to both of you for the information!

Greg Coniglio, 5100 Glenwood Drive, Williamsville, NY 14221

DX from Myrtle Beach, SC Log total: 12

|         |                  |      |                 |         |       |  |                           |
|---------|------------------|------|-----------------|---------|-------|--|---------------------------|
| 3/25 tr |                  |      |                 | 3/28 tr |       |  |                           |
| 2047    | WXJ23            | .475 | SC Beaufort     | 140     | 2039  | WXJ60                                      | .475 FL Gainesville 350   |
| 3/26 tr |                  |      |                 | 2041    | KHB39 | .550                                       | FL Jacksonville 290       |
| 1442    | KEC85            | .400 | GA Savannah     | 175     | 2042  | KIH26                                      | .400 FL Daytona Beach 342 |
|         | (w/Myrtle Beach) |      |                 |         |       | (w/Myrtle Beach)                           |                           |
| 3/27 tr |                  |      |                 |         |       | (believe WXJ60 and KHB39 are parallel)     |                           |
| 1825    | KHB39            | .550 | FL Jacksonville | 290     |       | (Not sure-I know both are programmed from  |                           |
| 1928    | WXJ60            | .475 | FL Gainesville  | 350     |       | Jax, but have separate ID's and fcsts-mcs) |                           |

Once again this year, tropes was very good at Myrtle Beach. Regular was local KEC95 on 162.4, on 162.475 Beaufort occasionally, on 162.55 Charleston, (WXJ23 and KHB29-mcs) Wilmington (KHB31-mcs) and Florence. (WXJ22-mcs) Not all the FM tropes coastal though, an AL station was heard. By the way KEC95 162.4 now ID's as Conway, not Myrtle Beach. (Yes, the xmtr is in conjunction which SC Educational net, so one would assume its with WHMC-23, but it could be with WHMC-90.1 just the same.-mcs) Also they were off one day (how fortunate!!-mcs) leaving 2 weak stations, Savannah (KEC85-mcs) and tentative New Bern. (KEC84-mcs) So Myrtle Beach is definitely a great area to DX on all bands! 73 Greg

Sounds like it, Greg! Many people comment that it is. I'm thinking is it better than the Outer Banks? Although would things be better further south? Conditions stunk on Jekyll Island, GA when I was last there. John Combs in Jax has had Cape Hatteras, I think the Gulf may have them all beat, though, from what I've seen in the VUD. My Gulf DX is on next page:

NWS NEWS

-page 2-

JULY 1989

Matt Sittel, NWS News Editor, Kingsport, TN, Raleigh, NC, and traveling around the Southeast DX in Raleigh, NC

|         |       |      |                        |         |       |       |   |
|---------|-------|------|------------------------|---------|-------|-------|---|
| 4/24 tr |       |      |                        | 4/28 tr |       |       |   |
| 0036    | KHB31 | .550 | NC Wilmington          | 116     | 0707  | KEC84 | .400 NC New Bern 104                        |
| 0717    | WXL42 | .400 | NC Winston-Salem       | 89      | 0707  | KHB31 | .550 NC Wilmington 116                      |
|         |       |      | (Wilmington still in!) | 4/29 tr |       |       |   |
|         |       |      |                        | 0600    | KEC95 | .400  | SC Myrtle Beach 147                         |
| 4/25 tr |       |      |                        | 0600    | KEC84 | .400  | NC New Bern 104                             |
| 0757    | KEC84 | .400 | NC New Bern            | 104     |       |       | (New Bern strong with Myrtle Beach at 0315) |

Not bad DX in the last week of school! Wilmington destroyed Raleigh/Durham NWS at times. Sure is neat to turn on the scanner and hear Wilmington instead of your local NWS! Actually Fayetteville has a stronger signal at 50 miles than Durham at 22 miles!!

NWS at St. George, SC, 5/12-13/89:

|         |       |                 |     |         |       |                           |    |
|---------|-------|-----------------|-----|---------|-------|---------------------------|----|
| 162.400 | WXJ20 | SC Columbia     | 64  | 162.475 | unID  | SC Cross??                |    |
|         | KEC95 | SC Myrtle Beach | 103 | 162.550 | KHB29 | SC Charleston             | 46 |
| 162.475 | WXJ23 | SC Beaufort     | 53  |         | unID  | SC Florence or GA Augusta |    |

As the morning rolled along so did the conditions improve!

NWS noted from mile 42 to mile 36 on I-95 in SC, 5/13/89:

|         |       |             |         |       |             |         |       |               |
|---------|-------|-------------|---------|-------|-------------|---------|-------|---------------|
| 162.400 | KEC84 | GA Savannah | 162.475 | WXJ23 | SC Beaufort | 162.550 | KHB29 | SC Charleston |
|         | WXJ20 | SC Columbia | 162.525 | WXM65 | GA Baxley   |         | WXX54 | GA Augusta    |

NWS at the Georgia Welcome Center on I-95, 5/13/89:

|         |       |             |     |         |       |            |      |         |       |             |    |
|---------|-------|-------------|-----|---------|-------|------------|------|---------|-------|-------------|----|
| 162.400 | KEC84 | GA Savannah | 12/ | 162.475 | WXX54 | GA Augusta | 100/ | 162.550 | WXJ23 | SC Beaufort | 32 |
|---------|-------|-------------|-----|---------|-------|------------|------|---------|-------|-------------|----|

NWS at Lake Buena Vista, FL 5/13-18/89:

|         |       |                  |    |         |       |                                 |    |
|---------|-------|------------------|----|---------|-------|---------------------------------|----|
| 162.400 | KIH26 | FL Daytona Beach | 65 | 162.475 | unID? | FL Gainesville?                 |    |
| 162.475 | KIH63 | FL Orlando       | 17 | 162.550 | KHB32 | FL Tampa (antenna in Riverview) | 67 |
|         |       |                  |    |         | WXJ70 | FL Melbourne                    | 58 |

Most mornings Tampa and Daytona Beach were in along with Orlando. none logged were strong.

NWS at Clearwater Beach, FL 5/18-19/89:

|         |       |                |     |         |       |                |    |
|---------|-------|----------------|-----|---------|-------|----------------|----|
| 162.400 | KIH24 | FL Tallahassee | 195 | 162.400 | WXX52 | GA Chattsworth | 11 |
| 162.475 | unID? | FL Orlando?    |     | 162.550 | WXX48 | TN Chattanooga | 27 |
| 162.550 | KHB32 | FL Tampa       | 24  |         | KEC80 | GA Atlanta     | 79 |

NWS at Dalton, GA 5/19-20/89:

Atlanta is under Chattanooga all the time, just like at the '88 convention site.

OTHER NWS NOTES: Lots of articles this time, about the proposed closings of NWS offices. John Combs sends from Jax's 3/17's Florida Times-Union: "Planned for closing are weather stations in Daytona Beach, Orlando, West Palm Beach, Waycross, GA and Savannah, GA...The Jacksonville station is one of 131 in the United States that will either be upgraded or built in different locations...The new Jacksonville station will be built on a 10-acre site near the Florida Air National Guard base west of the Jacksonville International Airport terminal on FANG Road. The present weather station is to the east of the terminal on Whirlwind Avenue...When the new (national) weather station system is completed...the Missouri (National Severe Storms Forecast) center will be closed. The National Weather Service...will open a new regional office at Melbourne by 1993." From Greg Coniglio and the 2/3 Buffalo News: "Buffalo's National Weather Service office would survive proposed station closings...but it may move...the changes...could mean the closing of weather stations in Rochester and Syracuse". The closings are to install Doppler Radar at locations so as to be able to see most of the US by placing them in correctly spaced locations. Raleigh will stay open, but Tri-Cities and Knoxville will both close and a new office at Morristown will be open. But Gene Poag, director at my local NWS office says he's heard that none of these closings will take place ever! Hmm...that's the first I've heard of that!! WXX46 is now back to 24-hour operation; it was recently 6:15AM-10PM only until they recently found new employees to staff the station overnight. Bill Niemanjadly writes: "I don't have any NWS News yet! Our local is KWO-35 from NYC, we get that on cable sometimes. Also I'm considering a scanner in the future." Bill also has just gotten into TV-DX. Bill, of course, has been reporting to Northern FM-DX, for awhile. Now he's getting into another mode of DX! Let's help Bill out as he gets into TV and NWS DX by sending him some TV-DX tips and our scanner opinions, etc. We should try to help out new members whenever we can with some of our tips so they can enjoy DXing and keep WTFDA growing strong! Bill mentions he'll be attending the 1989 WTFDA Convention at Bill Kretschmer's place up in North Syracuse, NY. I'll be making the long haul up there, and I look forward to meeting everybody who shows up. Hope to see YOU there! Of course I'll take my scanner along and look for DX, new NWS information, and stuff like that. The new station in Cross, SC on 162.475 is confusing. It's apparently programmed from Charleston, and is the same programming as Beaufort on the same frequency. It's confusing, and as they don't individually ID, it's difficult to discern between them! NEXT TIME: Hopefully I'll have a WTFDA Convention NWS report, trip stuff, and I hope something 23

# PHOTO NEWS

JULY 1989

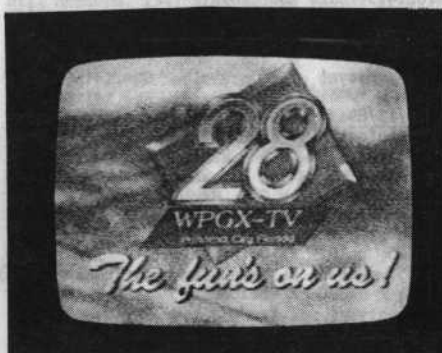
**Mailing Address:**

PHOTO-NEWS - P. O. Box 155 - Clarence, NY  
14031-0155 U.S.A.

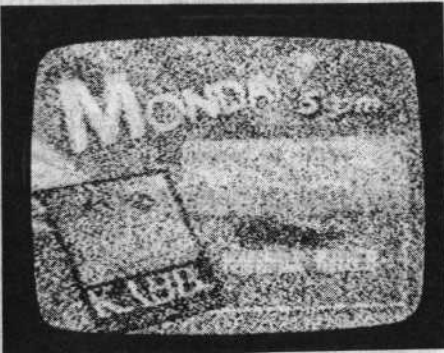
Photos submitted to PHOTO-NEWS become the property of this column and will not be returned.

EDITED BY  
David J. Nieman

More Gulf of Mexico tropo as seen by: John F. Combs - Jacksonville, Florida John's DX set-up has a 4-bay UHF antenna, Archer V-110 VHF antenna at about 30 feet above the streets of Jacksonville. A Winegard AC4990 UHF preamp is used with a Winegard UT-2700 tuneable UHF trap, a channel 4 trap, an FM trap; all feeding a Sears SR1000 9" b&w TV.



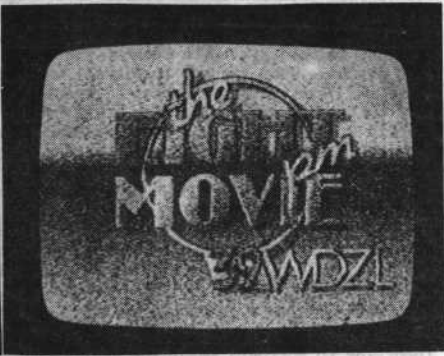
WPGX-28  
Panama City, FL  
223 mile tropo  
seen March 13 1989



KABB-29  
San Antonio, TX  
992 mile tropo  
seen March 13 1989



WBFS-33  
Miami, Florida  
312 mile tropo  
seen March 13 1989



WDZL-39  
Miami, Florida  
312 mile tropo  
seen March 13 1989

# PHOTO NEWS

JULY 1989 Page 2

**Mailing Address:**

PHOTO-NEWS - P. O. Box 155 - Clarence, NY  
14031-0155 U.S.A.

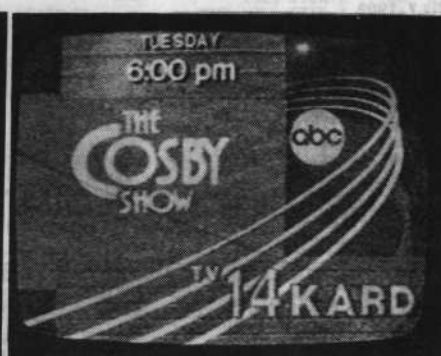
Photos submitted to PHOTO-NEWS become the property of this column and will not be returned.

EDITED BY  
David J. Nieman

we end day and move on to days two and three of the tropo opening.....



WHFT-45  
Miami, Florida  
311 mile tropo  
seen March 13 1989



KARD-14  
West Monroe, LA  
629 mile tropo  
seen March 14 1989



KETH-14  
Houston, Texas  
825 mile tropo  
seen March 14 1989



WHNS-21  
Asheville, NC  
341 mile tropo  
seen March 15 1989

In August we'll put the wraps on John's March tropo opening.

Till next time....

DAVE



| EASTERN TV-DX                             |                      |                   |             | JULY 1989         |         |                   |         |
|---|----------------------|-------------------|-------------|-------------------|---------|-------------------|---------|
| Jeff Falconer, Box 53, Clinton ON N0M 1L0 |                      |                   |             | MAY 1989          |         |                   |         |
| MARCH 1989                                |                      |                   |             | MAY 1989          |         |                   |         |
| 8 Tr 1947 WBGU-27                         | OH 210               | 20 Es 1240 WEDU-3 | FL 1087     | 20 Es 1936 WLB-3  | MS 921  | 20 Es 1936 WLB-3  | MS 921  |
| 9 Tr 2124 WUHQ-41                         | MI 213               | 1808 UNID-5       | calls KSKY? | 2030 KOTA-3       | SD 1082 | 2030 KOTA-3       | SD 1082 |
| 24 Tr 1825 WMMI-3                         | MI 215               | 1830 WREG-3       | TN 731      | 21 Es 1259 KUSD-2 | SD 818  | 21 Es 1259 KUSD-2 | SD 818  |
| 25 Tr 0029 WLTG-35                        | OH 246               | 1845 KDFW-4       | TX 1130     | 1857 unID-2       | NBC     | 1857 unID-2       | NBC     |
| MAY 1989                                  |                      |                   |             | MAY 1989          |         |                   |         |
| 18 Es 2115 WJXT-4                         | FL 919               | 1900 KARK-4       | AR 845      | 1859 KBTX-3       | TX 1187 | 1859 KBTX-3       | TX 1187 |
| 2130 WBRZ-3                               | LA 1067              | 1901 WBRZ-2       | LA 1060     | 2016 WBRZ-2       | LA 1060 | 2016 WBRZ-2       | LA 1060 |
| 2259 WBRZ-2                               | LA 1067              | 1912 WWL-4        | LA 1055     | Tr 2034 WADL-3B   | MI      | Tr 2034 WADL-3B   | MI      |
| 19 Es 2029 unID-3                         | ABC with K2TV calls? | 1920 WDSU-6       | LA 1050     | Tr 2100 KWGN-2    | CO 1249 | Tr 2100 KWGN-2    | CO 1249 |
|   |                      | 1921 WKRG-5       | AL 956      | 2200 KATC-3       | LA 1110 | 2200 KATC-3       | LA 1110 |
|   |                      | 1934 KPRC-2       | TX 1237     |                   |         |                   |         |

EQUIPMENT: Icom R7000 with TV adapter, Koyo TVM-96-2 9" B&W monitor, 25-element log @ 28'

Nice to be finally getting some regular Es. Hope it stays around for a while. 73. [You really cleaned up on that 5-20 opening, Jeff! Sometime I'd like for you to share your comments on using the R7000 for TV-DX--jfc]

| Greg Coniglio, 5100 Glenwood Drive, Williamsville NY 14221 |         |                   |         |
|--|---------|-------------------|---------|
| MAY 1989   |         |                   |         |
| 5 Es 2100 WEDU-3   | FL 1047 | 20 Es 1830 KOET-3 | OK 1039 |
| 2127 WSAV-3  | GA 766  | 1830 KYTV-3       | MO 851  |
| 7 Es MUF 90.7 MHz  |         | 1847 KOCO-5       | OK 1124 |
| 18 Es 2120 WPBT-2  | FL 1177 | 2000 KALB-5       | LA 1118 |
| 19 Es 1828 KBTX-3  | TX 1282 | 2000 WABG-6       | MS 921  |
| 1910 KATC-3  | LA 1168 | 2130 KTVS-3       | CO 1260 |
| 2159 KLNE-3  | NE 1083 | 2156 KOTA-3       | SD 1228 |

EQUIPMENT: Emerson ECR137 TV, Jerrod 10-element VHF @ 25', 4-bay UHF @ 28', 20db CM amp, RG6-U coax, CM rotor.

The best opening so far (as of May 27) has definitely been May 20. KALB-5 was way over CBLT-5 Toronto. WABG-6 was in very strong earning its "Super Power 6" slogan! The only other skip of significance was May 19; all other openings seemed rather weak. There has been next to nothing going on in the way of tropes. I hope to see all of you at Syracuse next month! 73, Greg.

| Frank Wheeler, 6589 Wattsburg Road, Erie PA 16509 |       |                   |         |
|---|-------|-------------------|---------|
| APRIL 1989  |       |                   |         |
| 21 Tr 0800 CBLN-40                                | ON 87 | 12 Es 1400 KTBS-3 | LA 992  |
| 0815 CIG028-28                                    | ON    | 14 Es 2330 KACV-2 | TX 1252 |
| 0830 CIG059-59                                    | ON    | 19 Es 1912 KBTX-3 | TX 1183 |
|   |       | 1930 KQTV-2       | MO 797  |

TVOntario  
A Division of

EQUIPMENT: Sylvania 19" color TV, Archer VU160 & Servomotor

Not much to report on due to cold, rainy weather. KACV-2 received on our 48th wedding anniversary. [Nice gift. Congratulations--jfc] Hope I'll have a better report next month.

### EDITORIAL FEATURE: Why I'm bummed out on QSLing

After moving to Jacksonville a few years ago, I decided to start attempting to QSL the stations I log. I hadn't done this in a while, and was looking forward to a lot of fine replies, as well as the "freebies" that some stations send along with their QSLs.

My experience at this has been a major disappointment. Whereas back in the 70's the return rate after two attempts was 75-80%, this time around it was more like 35-40%. Well over half of the stations written simply failed to reply, even after a follow-up.

Now, I understand that TV stations are under no obligation to send QSLs to DXers. But one would think they have a professional responsibility to answer their mail, as long as it doesn't obviously come from a kook. I always made my requests look as professional as possible: neatly typed, carefully worded, references to my writing credentials, the WTPDA logo displayed prominently on the business envelope. One would think an obviously sincere, professional letter deserves a reply of some kind.

And that leads to my second rub. Some of the 30-40% that did reply sent letters that, in many DX clubs and circles, wouldn't have even counted as QSLs. It's very annoying when one takes the time to research the station address and send the QSL request directly (by name) to the Chief Engineer, only to have him put the onus of replying on some ditzy secretary or P.R. person (usually named Buffy, or Missy, or some such thing) who sends a letter saying, "Gosh, it sure was swell of you to write" and makes no mention whatsoever of the DX logging.

QSLs don't "prove" reception of a station; neither does the lack of a QSL disprove a logging. They are, however, interesting and fun to receive, especially when the station involved is really excited about the letter, or when promotional goodies like bumper stickers, keychains, or even t-shirts are sent along. But the time, postage, and research aren't worth it when most of your letters go totally ignored.

Have others who do QSLs experienced these problems? Is this something peculiar to TV stations, or do those who DX MW and FM have the same problems? Comments are welcome.

| EASTERN TV-DX                                      |      |                  |      | JULY 1989         |       |                |    |
|--|------|------------------|------|-------------------|-------|----------------|----|
| Harry J. Hayes, 9 Henry St., Wilkes-Barre PA 18702 |      |                  |      | MAY 1989          |       |                |    |
| MARCH 1989   |      |                  |      | MAY 1989          |       |                |    |
| 13 Es 2033 KGAN-2                                  | IA 5 | Es 1929 WSAV-3   | GA 7 | Es 1230 WBRZ-2    | LA 20 | Es 1830 KSNK-2 | KS |
| 2230 KTCA-2  | MN   | 2035 WESH-2      | FL   | 1232 KATC-3       | LA    | 1850 KARK-4    | AR |
| 2236 KIMT-3  | IA   | 2133 WVL-4       | LA   | 17 Es 1320 WBRZ-2 | LA    | 2031 KJRH-2    | OK |
|  |      | 7 Es 1130 WEAR-3 | (AL) | 20 Es 1715 WBRZ-2 | LA    |                |    |

EQUIPMENT: Channel 2 amplified quad-loop for VHF, 6-ft. dish w/PA4975 preamp for UHF

Skip conditions are not starting out too badly this year. Now if tropes would only get going! (Nice to hear from you, Harry--jfc)

| Robert S. Ross (VE3JFC), Box 4373, Station "C", London ON N5W 5J2 |    |                   |    |
|---|----|-------------------|----|
| MAY 1989  |    |                   |    |
| 20 Es 1858 WVL-4  | LA | 20 Es 1940 KALB-5 | LA |
|   |    | 20 Es 1959 KXAS-5 | TX |

| John F. Combs (N4SFS), 1308 Willow Branch #24, Jacksonville FL 32205 (904) 389-2451 |                     |                        |                    |
|---|---------------------|------------------------|--------------------|
| MAY 1989  |                     |                        |                    |
| 4 Es 1513 unIDs-2,3   | 3/4cb               | 16 Tr 2508 Miami       | 23 39 45           |
| 1528 Dominican Republic   | on 2 (which one?)   | 17 Tr 0415 Miami       | 33 39 45           |
|   |                     | 0415 WYHS-69           | FL 312             |
| 9 Tr 2358 W61BL   | FL 169              | 0415 W16AJ             | FL 169             |
|   | Tampa (Univision)   |                        | Melbourne (WESH-2) |
| 10 Tr 0145 W24AA  | FL 258              | 0430 WPEC-12           | FL 263             |
|   | Ft. Myers (WCLF-22) | Es 1420 CKCO2-2        | ? ON T             |
| 0145 W24AT  | ? FL T              | Tr 2005 WPB            | Miami U's          |
| 0151c KENS-5  | TX 992              | 18 Tr 0401 W23AC       | GA 170             |
| 0151c KRGV-5  | TX 966              |                        | Albany (TBN)       |
| 11 Es 1014m unID-2  | 1/2cb               | 0422 WTBS-17           | GA 286             |
| 12 Es 1208m Noted   |                     | 0424 W65RG             | FL 154             |
| 1228 KGAN-2   | IA 1000             |                        | Tallahassee (ACTS) |
| 1228 unID-3   | CBS                 | Es 2122-2230 unIDs-2,3 |                    |
| 2245 WGBH-2   | ? MA T              | Es 2122-2230 unIDs-2,3 |                    |
| 2314 CKCO2-2  | ON 1010             | 19 Tr 0750 WAWA-14     | ? GA T             |
| 2333 CKVR-3   | ON 975              | 0750 WGGG-16           | SC 322             |
| 2345 unID-5   | NBC                 | 0750 WNTV-29           | SC 322             |
| 13 Es 0000-0045 unIDs-2,3   |                     | 0751 WATL-36           | GA 286             |
| 15 Tr 2215 WHMC-23  | SC 293              | 0751 WNEH-38           | SC 282             |
| 2215 WUNJ-39  | NC 334              | 0751 WAXA-40           | SC 301             |
| 2215 WJKA-26  | NC 334              | 0752 unID-66           | ID 3/4cb           |
| 2300 WGSF-43  | SC 295              | 0752 WVEU-69           | GA 285             |
|   |                     | 0752 WDSI-61           | TN 396             |

EQUIPMENT: Sears SR1000 9" B&W TV, Brooksonic 2" B&W multi-standard TV, Archer V-110 and UHF 4-bay @ around 30' AG, Winegard AC490 preamp, RS mobile VHF/UHF antenna



0757 WHNS-21 NC 341  
0804 WSB-2 GA 284  
0813 WXIA-11 GA 283

TOTALS: 305 stations logged

c=logged via CATV m=mobile

Tropo followed the typical patterns seen every May here during periods of stagnant high pressure, often yielding signals strong enough to be seen while driving about town in my truck! The best of the period was the 19th, the highlight of which was logging my first Tennessee tropo in 17 years of DXing in Florida. Atlanta stations were at the best levels ever here, and with WSB-2 I have now logged all full-power Atlantans. WNGM-34 was confirmed by phone as running the syndicated pgm I saw... still wish WGTV-8 could break through WXGA-8 one of these days! I may have missed the best Es of the month as I was quite busy on the 20th. The tropo loggings of KENS-5 and KRGV-5 via CATV show again the importance of antenna height on tropo DX as no traces of Texas signals were seen on my own antennas. The unID-2 seen on the 11th used a very unique TP: a 1/2cb with the white square in the center of the black section, exactly 1/3 the width. It's been real..... JOHN

### LPTVs and the FCC

Alarmed at the growing number of LPTVs that are using "bogus" call letters that imitate those of full-power stations, I finally decided to call the FCC and get the true story. My call was transferred to the LPTV Division, and a gentleman there gave me good news and bad news.

The good news is: LPTVs are required, like full-power stations, to give a full legal ID (calls/location) once an hour. The bad news is: as long as an LPTV does this, it is free to call itself by any slogan, non-ID, or call letters it chooses, EVEN IF THE CALLS ARE THE SAME AS AN EXISTING STATION! My contact refused to even consider something like W58AV Buffalo's use of "WBCT" as an example of bogus calls. He gave me the impression that as long as the "calls" used don't mimic those of a station in the same market, no problem!

So as long as an LPTV gives a legal ID on the hour, it is free at other times to call itself "WBCT" or "WKR" or "KDKA" or whatever it wants! Oh, yeah? I'd love to acquire an LPTV and use the calls "WNBC" or "WCBS" for it, and allow the appropriate network to get wind of it. I wonder if the FCC would be a bit more vigilant if one of the "big boys" filed a complaint? You be the judge...

jfc

# WESTERN TV-DX

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

Deadline: 08-03-89  
Cut-off: 05-01-89

July 1989

There is a nice group of reports this month with loggings ranging back to March. One March report contains the most outstanding DX with another report of the Texas to Florida tropo opening of the 12th/13th. There are also some reports of auroral activity and of auroral E skip associated with last March's magnetic storm. Also on hand are two reports of Illinois to Texas tropo on May 23rd/24th. May E skip reports are mixed, but do not seem to indicate any extraordinary activity. In fact from my vantage point, after some nice openings in May, I have probably experienced the worst early June ever. With regular checking, I did not see a trace of E skip between June 2nd and June 11th. I certainly hope to see substantial improvement.

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

CH Chihuahua NL Nuevo Leon SI Sinaloa SO Sonora  
TA Tamaulipas QU Queretaro VE Veracruz

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509

PDT

Equipment: See May 1989 Western TV-DX

Underlined - New to Diablo area log. \* - New to Antioch log.

|  |                                   |                             |
|--|-----------------------------------|-----------------------------|
|  | <u>May 1989</u>                   | 7 Es 2138-2400 CCI chs 4, 5 |
| <u>April 1989</u>                        | 2 Es 1144 unid channel 2          | (intermittently)            |
| 17 tr 2230 <u>K33CH</u> 33 CA <u>100</u> | 4 Es 2000-2008 CCI on ch 2        | 2339 unid ch 2 north        |
| (Lakeport KICU-36)                       | 5 Es 2000 unid ch 2 NBC           | 8 Es 0000-0110 unid ch 2 n  |
| 28 Es 2010-2034 Hvy CCI ch 2             | 2013 (MUF 91.1)                   | 0023 unid channel 4         |
| 29 Es 0900 *KMID 2 TX 1175               | 2128 <u>KACV</u> 2 TX <u>1115</u> | 11 Es 1900 KMID 2 TX        |
| 0910 (MUF 98.7)                          | 6 Es 1429 <u>XEPMT</u> 2 CH       | ("Big 2" logo)              |
|  | 7 Es 2138-2400 unid ch 2          | 2043 (MUF 98.7)             |

Between 2230 and about 0130 April 18 (by which time KFTL-64 and KSCH-58 were off) K52AJ, K56AW, K58AW, K62AY, K64AZ, and K68AL all were noted with color pictures of varying degrees of graininess. K33CH at best was almost free of graininess. It was better than KICU itself, which puts a very good signal in here but is annihilated by overload from KTXL-40 and KFCB-42.

The band is coming to life! So far (May 12), 9 days with skip including 3 into the FM band. I normally figure May 5-15 as the beginning of the season! Even have a new logging to showoff, my first new skip logging since May 1986. All activity noted on the Hitachi with the Channel Master VHF. The JVC VCR has died - nothing but audio and white noise on playback - and the b&w Bohsel overloads so horrendously from KCRA-3 and KVIE-6 it's useless on the low band and I don't even have it plugged in.

Ed Frye, 22618 Cardiff Drive, Saugus CA 91350-3017

PDT

Equipment: VHF - Winegard CS-4052, Channel Master 9510 rotator, Channel Master 7477 preamplifier, Channel Master 7270 step attenuator, Channel Master 7205 mid-band trap (to control CATV leakage), Channel Master 7035 MATV distribution amplifier, Comm-Scope RG6 cable. UHF - SITCO ECL16-1-14/83 log periodic, Alliance HD73-1 rotator, Winegard PA-4975 preamplifier, RG6 cable.

|                          |                            |                              |
|--------------------------|----------------------------|------------------------------|
|                          | <u>May 1989</u>            | 24 Es 2300 <u>KMIDt</u> 2 TX |
| <u>April 1989</u>        | 18 Es 2100 CCI on chs 2, 4 | 27 Es 0920 CCI on channel 4  |
| 14 tr 0830 KGET 17 CA 75 | 2150 <u>KFDxt</u> 3 TX     | <u>XHQc</u> 3 SI             |
| unid ch 25 315°          | 2200 =KACB 3 TX 1090       | 1005 Hvy CCI on ch 4         |
| KFSN 30 CA 170           | XHQ 3 SI 945               | 1010 XHQ 3 SI 945            |
|                          | (Until 2250)               | 1020 unid 4 Mexico?          |

For months on end (written 04/14/89 fm), it has been very dry here for TV-DX. but I thought I'd comment on the March solar flare and its influence on these "dry" conditions

Western TV-DX

July 1989

Ed Frve (continued)

in southern California. From my perspective, low-band VHF was most affected on March 12. Throughout midday, the signals of locals KCBS-2 and KNBC-4 were very degraded, at times almost fading away completely. Distant (130 mile) semi-local UHF signals from San Diego, on the other hand, did unusually well, coming in all day long with Grade A pictures. Yet, even at their worst, KCBS and KNBC were never overtaken by DX of any sort. Conditions were indeed peculiar - these two stations only exhibited the appearance of running on reduced power!

Late on the night of May 18, Los Angeles locals KCBS-2 and KNBC-4 were heavily disrupted by the telltale "venetian blind" effect. Whereas no DX came through on either of these channels, a quick check of channel 3 revealed an interesting parade of signals dashing in-and-out of view, topped by my first Mexican catch, XHQ-3 from Culiacan, Sinaloa - they were broadcasting the Robin Williams film "Moscow on the Hudson" with Spanish subtitles! The real treat, however, was my getting on videotape the movie's host closing out the show, three commercials, and a complete station identification.

Following the initial E-skip opening of May 18, early-morning and late-night CCI has been very regular on channels 2 and 4; at times, briefly heavy and knocking out audio portion of the signal. The Memorial Day holiday, which always brings me some degree of E-skip activity, came through once again on Saturday May 27 with a small but productive sampling: XHQ-3 was in fairly well for about 30 minutes with a children's show entitled "Carrusel".

Christopher W. Hanley, 1321 Beecher Avenue, Galesburg IL 61401

CDT

Here's DX through May 16. This is the considerably abridged version with no tentatives and no relogs under 150 miles. KOCR-28 has dropped Waterloo and Dubuque from its multi-city ID, leaving Cedar Rapids and Iowa City.

May 1989

|                                   |  |  |
|-----------------------------------|--|--|
| 3 tr 0745 WEHS 60 IL 155          | 3 tr 0800 <u>K38AB</u> 38 IA <u>51</u> | 16 tr 0830 <u>WQEC</u> 27 IL <u>83</u> |
| 0757 <u>KDIN</u> 11 IL <u>178</u> | (Fort Madison KIIN-12)                 |  |

My Galesburg log is now 95, with 1 translator.

Pat Dyer, 5315 Silvertip Drive, San Antonio TX 78228-2744

CST

Equipment:

1980 model Penncrest 9 inch black and white, Archer V-100 and 8 bay bow-tie UHF array at 20 feet with rotor.

|                                    |                                   |                            |
|------------------------------------|-----------------------------------|----------------------------|
| <u>March 1989</u>                  | 12 tr 0527 WTOG 44 FL 990         | 13 tr 0404 WBBH 20 FL 1035 |
| 1 Es 1859 WBTW 3 NC                | 0529 WNFT 47 FL 1015              | 0410 KLFY 10 LA            |
| 1914 WSB 2 GA                      | 0530 WNOL 38 LA                   | 0441 WGNO 26 LA            |
| 10 Es 1807 WCIA 3 IL               | 0533 WJHG 7 FL 785                | 0456 WLOX 13 MS            |
| 1815 WBAY 2 WI                     | KFDM 6 TX                         | WAFB 9 LA                  |
| 1829 WBBM 2 IL                     | 0534 <u>WFSU</u> 11 FL <u>835</u> | 0457 KNOE 8 LA             |
| 11 tr 0624 KPLC 7 LA               | 0548 KLAX 31 LA                   | 0502 WEAR 3(AL)            |
| 0630 KADN 15 LA                    | 0604 KATC 3 LA                    | 0528 WNOL 38 LA            |
| 12 tr 0129 KTRF 9 TX               | 0620 WJTC 44(AL)                  | 0542 WJTV 12 MS            |
| 0135 KLFY 10 LA                    | 0624 WVLA 33 LA                   | 0543 WAPT 16 MS            |
| 0454 WAFB 9 LA                     | 0959 WLAE 32 LA                   | AE 1838 KTCA 2 MN          |
| 0455 WTLV 12 FL 1010               | WGNO 26 LA                        | tr 2115 WFSU 11 FL 835     |
| 0457 WJCT 7 FL 1015                | 13 tr 0034 KPLC 7 LA              | 14 tr 0035 KLFY 10 LA      |
| 0500 WVUE 8 LA                     | 0116 WVUE 8 LA                    | 0503 WAFB 9 LA             |
| 0507 KADN 15 LA                    | 0133 WFTS 28 FL 990               | WATC 3 LA                  |
| 0513 <u>WTMY</u> 32 FL <u>1010</u> | 0258 WXXV 25 MS                   | 15 tr 0452 KATC 3 LA       |
| 0515 WJKS 17 FL 1015               | 0338 WSVN 7 FL 1145               | 0509 WAFB 9 LA             |
| 0517 WXXV 25 MS                    | 0342 WJKS 17 FL 1015              | 22 yuck - return of K02MX  |
| 0518 WFTS 28 FL 990                | 0343 WJHG 7 FL 785                | 25 F2 1400-1419 unids ch 2 |

Super-tropo ducting mixed in with a super magnetic storm, aurorae, and auroral E skip. I spent most of my time on 144 MHz (getting mostly Colorado, Oklahoma, etc. - but did work a Kentucky station). The TV was a mighty mess of fast fading intense auroral E skip - perfectly clear pixes that would only last 5 seconds before being buried! (I regret that I didn't at least try to tape some of that, but ...) I didn't note any high-band VHF effects, but a local here was able to contact Oklahoma on 220 MHz aurorae. Some claim to

Pat Dyer (continued)

have had visual sightings here, but at the time that they reported such (c. 7 PM) it was only 20 minutes after sunset - so a lot of twilight, etc. still about then. The tropo alone had been exhausting enough for me. Well, the "cleaned-up" version of K02MX returned just in time to mess up the E skip a few days later. Its spurious emissions at 50.75 MHz are very way down, but it's still the same big pest otherwise.

|                       |                       |                       |
|-----------------------|-----------------------|-----------------------|
| <u>April 1989</u>     | 22 tr 2230 KLTL 18 LA | 23 tr 0529 KARD 14 LA |
|                       | 2231 WLPB 27 LA       | 24 tr 0023 WAFB 9 LA  |
| 3 tr 0450 KMSS 33 LA  | 2255 WNOL 38 LA       | 2140 WVLA 33 LA       |
| 4 tr 0058 WVUE 8 LA   | 2341 WLAE 32 LA       | 2159 WNOL 38 LA       |
| 0335 KADN 15 LA       | 23 tr 0033 KTBS 3 LA  | 2340 WLAE 32 LA       |
| 0359 WLOX 13 MS       | 0037 KLFY 10 LA       | 2348 WGN0 26 LA       |
| 22 tr 0113 KBMT 12 TX | 0052 KMSS 33 LA       | 28 Es 1858 KDLO 3 SD  |
|                       | 0441 KLRT 16 AR       | 1916 KLNE 3 NE        |
| 2230 KMSS 33 LA       | 0451 KTHV 11 AR       | 29 Es 1235 WCB0 2 SC  |
| KLTS 24 LA            | KTAL 6(LA)            | 1245 WWAY 3 NC        |

There was a fair amount of unid E skip in the first half of the month, usually down to Mexico, etc. Some of that was able to link into the nighttime 50 MHz trans-equatorial.

Lots of days with very strong 50.74/.75/.76 MHz New Zealand TV audios booming in here in March-April. The videos seldom strong at the same time as the audios though (ionospheric F2 frequency dispersion). A few good days of Australian 46.17/.25 videos. Some have been trying to come up with a New Zealand or Australian TV set to watch this stuff on, but at \$250 for just one channel!...

A few instances of 46 MHz Australian video (but no 51 MHz audios), along with 50 MHz signals from the states of Victoria and South Australia. In March there'd also been some events into Queensland and New South Wales.

Many days of 50 and 51 MHz New Zealand ham signals. 73, Pat, WA5IYX

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

PDT

Equipment:

Archer antennas: VHF-FM model 15-8654 on Channel Master Crown rotor 5 feet above roof. UHF model U-120 10 feet above roof. Archer amplifier model 15-1113, adj. 10-20 dB. Both mounted on separate chimneys (straps). Electrohome VCR VHS, Sony colour TV model KV1215, Philips converter model CT3600 which has separate inputs for cable, VHF and UHF, stereo.

|                          |                           |                          |
|--------------------------|---------------------------|--------------------------|
| <u>April 1989</u>        | 21 Es 2230 KTVK 3 AZ 1231 | 22 Es 0117 KCRA 3 CA 757 |
| 29 Es 1130 KCRA 3 CA 757 | 2300 KVBC 3 NV 996        | 0118 KTVU 2 CA 789       |
|                          | KVVU 5 NV 996             | 0142 KCRA 3 CA 757       |
| <u>May 1989</u>          | 0100 KCRL 4 NV 691        | 0145 KTVU 2 CA 789       |
| 1 tr 0630 KATU 2 OR 252  | 22 Es 0112 KTVN 2 NV 691  | tr 0230 KBSP 22 OR 288   |

Channel 2 above after CBUT-2 sign-off, channel 3 over CBUT-2-3, channel 4 over KOMP-4, channel 5 over KING-5, and channel 22 after KTZZ-22 sign-off.

(Dave is interested in hearing from other DX'ers and in exchanging TV Guides. fm)

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

CST/CDT

Equipment: (May 4, 26 and \* loggings May 23)

Zenith Y1310 13" color. 40 foot tower. "Good" combination V/U antenna, twin lead, unknown model Winegard V/U preamplifier.

Equipment:

Channel Master 7 foot UHF dish and 1110 Quantum VHF at 70 feet, Winegard preamplifiers, coax and hard-line leads. At a friends house where I lived 1985-1987.

|                   |                          |                     |
|-------------------|--------------------------|---------------------|
| <u>March 1989</u> | 9 tr 2227 WSBN 47 VA     | 5 Es 1624 XHAJ 5 VE |
|                   | 2158 WLKI 62 KY 350      | ( See Note # 1 )    |
|                   | 2227 WTIB 63 IN 245      | 1626 KPRC 2 TX      |
|                   | Many other UHF's         | 1626 KIII 3 TX      |
|                   | to east Kentucky         | 1700 KGBT 4 TX      |
|                   | <u>May 1989</u>          |                     |
|                   | 4 Es 1700 WPBT 2 FL 1115 |                     |

Frank Merrill (continued)

|                             |                            |                              |
|-----------------------------|----------------------------|------------------------------|
| 5 Es 1700 KRGV 5 TX         | (Continued) KSAS 24 KS 411 | (Continued) K110Jt 11 MO CCI |
| 2200 KMID 2 TX              | KETht 14 TX                | (Dresden KCRG-13)            |
| 23 tr 2238 *KJTL 18 TX 619  | (TBN - not KTBO)           | (CCI vanished at             |
| 2257 *KTAB 32 TX 752        | KHOG 29 AR 359             | KCRG-13 s/off )              |
| 2335 KXLN 45 TX 800         | KXAN 36 TX 807             | KSNF 16 MO 345               |
| 2358 KHSB 67 TX 801         | KHTV 39 TX 801             | (Rare now due to             |
| 24 tr 0102 KETK 56 TX 635   | unid channel 43            | WTJR-16, Quincy)             |
| ( See Note # 2 )            | ( MO/AR LPTV?? )           | KDOR 17 OK 395               |
| 0116 KTXH 20 TX 800         | KWKT 44 TX 733             | KMCI 38 KS 300               |
| ( See Note # 3 )            | unid ch 45 TBN             | 0200 K21## 21 ?? ?2?         |
| [2230 (5/23) - 0200 (5/24)] | (South - LPTV??)           | (Unknown TBN)                |
| KJRH 2 OK 410               | WAFF 48 AL 485             | ( See Note # 4 )             |
| KWTV 9 OK 504               | KLMG 51 TX 615             | 0250 K57DR 57 MO 345         |
| KTEN 10 OK 531              | unid channel 54            | (Joplin LPTV)                |
| KAKE 10 KS 412              | (South - LPTV??)           | ( See Note # 5 )             |
| KTVT 11 TX 647              | OKC UHF's 510              | 0325 KTVY 4 OK 510           |
| KODE 12 MO 345              | (Snow free)                | ( See Note # 6 )             |
| KWCH 12 KS 416              | Tulsa UHF's 410            | 0350 KWTV 9 OK 510           |
| KAFT 13 AR 359              | D-FW UHF's 647             | KJRH 2 OK 410                |
| KETA 13 OK 504              | 26 tr 0100 Tulsa V-U's 410 | KOTV 6 OK 410                |
| WIBW 13 KS 304              | KWTV 9 OK 510              | (Abv 3 snowfree)             |
| KERA 13 TX 647              | Oklahoma City              | 0411 KOCO 5 OK 510           |
| (All Night School)          | UHF's 510                  | (o/ KCTV & KSDK)             |

Note #1 - 05/05/89 @ 1624 - This had an ID slide shared with XET-6 (which wasn't seen) and gave Las Lajas, Veracruz location. I can't find this on any map.

Note #2 - 05/24/89 @ 0102 - Lucky me, these guys decided to show 3/4 color bars with ID for about half a minute after sign/off.

Note #3 - 05/24/89 @ 0116 - It was fun seeing the very same Worthington Chevrolet ad here in English, after seeing it earlier on KXLN-45 in Spanish!

Note #4 - 05/26/89 @ 0200 - Because there was no ID, I figure this to be an LPTV. Most likely Oklahoma, with Missouri and south Kansas secondary possibilities. What's here?

Note #5 - 05/26/89 @ 0250 - Playing a continuous video loop several minutes long with music background. Not unlike a cable billboard channel with some community announcements, etc. Gave call letters. "Missouri Southern Television". Friends with 70 foot tower had this snow free.

Note #6 - 05/26/89 @ 0325 - I must have caught this just signing on for weather emergency. Within eight minutes they went from 3/4 color bars to blank screen to weather radar to "America" song to Love Boat! They often broke into latter with weather reports. Oklahoma stations on channels 2, 5, 8, and 9 also had continuous weather reports or radars. I thought I lost my chance for this with KMOV-4 all night again!

Latest News is that there will be no high tower this year; however I will be replacing my preamplifier on the 40 foot tower and a Winegard 8200 VHF/UHF will replace the fringe VHF/UHF antenna that is now up there. I will have a second tower "stub" in my back yard with a Channel Master Stereo Probe 9 FM antenna and a SITCO CA8-1-FM antenna (cut for 162.50 MHz) on it, adequately spaced to avoid interaction. The existing "stub" will have only my low-mounted vertical lowband VHF antenna. I feel that its poor performance last year was due to the Stereo Probe 9 FM antenna being on the same mast. The 40 foot tower will have a SITCO CA8-FM FM antenna sharing the mast with the 8200, again well-spaced. I already have all five of the antennas and still need to get coaxial cable, etc. Though I may not have the "big tower" yet, I'm certainly planning on separate antennas for TV skip, TV tropo, FM skip (the low-mount Stereo Probe 9), FM tropo, and NWS band. My FM DX'ing should be abetted with a McIntosh MR-78, a receiver I've used in the past with rave results. Hoping to see some of you in Syracuse, though my chances are only about 50% due to some tight scheduling and the fact that Es/tropo can often interrupt plans. Such DX is too much fun to pass up! 73.

(Frank, wouldn't the most likely explanation for your channel 21 TBN on May 26 be K21AP at Topeka? I don't know of any other operational TBN 21's in that area. fm)



Jeff Kruszka, 5855 Walnut Creek Road, Apt. A-105, River Ridge LA 70123

PDT

All loggings from Richland, Washington QTH.

**Equipment:** Sylvania 12" black and white, quad loops cut for channels 2-6

|                   |                |                                  |            |                  |
|-------------------|----------------|----------------------------------|------------|------------------|
| <b>April 1989</b> | 7 Es 2154      | KGAN 2 IA 1300                   | 21 Es 2313 | unids chs 2, 3   |
| 28 Es 1637        | KMIDt 2 TX     | unid channel 5                   |            | (Dr. Gene Scott) |
| 1645              | unid chs 3-4   | 2200 KLBY 4 KS 975               | 2317       | KLBY 4 KS 975    |
| 1649              | KACB 3 TX 1360 |                                  | 22 Es 0930 | KWGN 2 CO 790    |
| 1656              | unid channel 5 | 2227 KMTV 3 NE 1130              | 1935       | unids chs 2-4    |
| 1825              | KNAZ 2 AZ 815  | 13 Es 1036 unid chs 2, 4         | 25 Es 2111 | unids chs 2-4    |
| 29 Es 0959        | KTVU 2 CA 565  | 14 Es 1900 KGFE 2 ND 970         | 29 Es 1709 | unids chs 2-3    |
|                   |                | 15 Es 1637 unid channel 3        | 1945       | XEPMT 2 CH       |
| <b>May 1989</b>   | 17-20          | Apartment hunting in New Orleans | 1959       | KNMZ 2 NM 945    |
| 5 Es 1928         | KMID 2 TX 1280 |                                  |            | KMID 2 TX 1280   |
| 1958              | KDBC 4 TX 1150 | 21 Es 1452 KSNC 2 KS 1100        |            | KENWt 3 NM       |
| 1959              | XEPMT 2 CH     |                                  | 2032       | unid ch 2 PBS    |
| 2023              | KTVKt 3 AZ     | 2300 KVBC 3 NV 690               |            | (KACV??)         |

A pretty mediocre month of May. E skip wasn't ever in very strong. The exciting news is that I'm moving to New Orleans the first week of June (note new address). I will be working as a process engineer for a chemical company there. It should be really different DX'wise, a change of pace from the great northwest. I should be able to see some tropo again, as well as E skip to some never seen before areas (for me). I've got a first floor apartment, but hopefully that won't make too much difference. One good note is that I'll still be contributing to Western TV-DX!

(Good luck with the new job. I'm sure you will find DX'ing from New Orleans interesting. fm)

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216

CDT

**Equipment:** See May 1989 Western TV-DX

|                   |                       |                     |                                      |                  |            |                  |
|-------------------|-----------------------|---------------------|--------------------------------------|------------------|------------|------------------|
| <b>April 1989</b> | 16 tr 0554            | WCET 48 OH 400      | 21 Es 1805                           | unid ch 2+ south | 30 Es 1147 | KOTA 3 SD 798    |
|                   |                       | W63AH 63 OH         | 1900                                 | unid channel 4-  | 1200       | KUTVt 2 UT       |
|                   |                       | (Maplewood WPTD-16) | 2041                                 | KOB 4 NM         | 1945       | unids chs 2-6    |
| 23 tr 0615        | WXIX 19 OH 400        |                     |                                      | KNMET 5 NM       | 2100       | WECT 6 NC        |
|                   | WCET 48 OH 400        |                     |                                      | KNMZt 2 NM       | 2131       | WCIV 4 SC 914    |
|                   | WIII 64 OH 400        |                     |                                      | 2127             | KBTX 3 TX  |                  |
| <b>May 1989</b>   | 5 Es eve              | unids chs 2, 3      | 2129                                 | KIII 3 TX        | 2149       | WCBD 2 SC        |
| 9 tr 0446         | K54DB 54 WI 134       |                     | 2149                                 | KENW 3 NM        | 2201       | WSAV 3 GA 972    |
|                   | (Madison LPTV)        |                     |                                      | 2215             | KMOLT 4 TX |                  |
|                   | ("WSSM" non-ID)       |                     | 22 Es 1230                           | unid channel 2   | 1815       | WMAB 2 MS        |
|                   | 2230 W69BT 69 IN 208  |                     | 1810                                 | KUTVt 2 UT       | 1815       | WCBI 4 MS        |
|                   | (South Bend WCIIU-26) |                     | 1915                                 | KTVXt 4 UT       | 1825       | WWL 4 LA         |
| 12 Es AM          | unid channel 2        |                     |                                      | KWSET 4 ND       | 1830       | KATC 3 LA        |
| 14 Es 1830        | unids chs 2, 3        |                     | 25 tr 1905                           | CBKt 4 SK        | 1831       | WBRZt 2 LA       |
|                   | KMOL 4 TX             |                     |                                      | CBCE 16 ON       | 1949       | WABgt 6 MS       |
|                   | KOB 4 NM              |                     | 1922                                 | Sudbury 25 tent  | 2000       | KTBS 3 LA 910    |
|                   | 1839 unids chs 5, 6   |                     | 26 tr 0503                           | KDNL 30 MO 432   | 2020       | KTALT 6 LA       |
|                   | 1858 KENW 3 NM        |                     | 27 tr 0540                           | W27AU 27 WI 110  | 2020       | KPRCt 2 TX       |
|                   | 2132 KBTX 3 TX        |                     | (Wausau WJFW-12)                     |                  | 2040       | unids chs 2-5 w  |
|                   | 2215 KFDX 3 TX        |                     | (10.1 kW - 1 mile west of Rothchild) |                  | 2042       | KENW 3 NM        |
|                   | 2219 KXAS 5 TX        |                     |                                      |                  |            | KOB 4 NM 1205    |
| 17 Es 1830        | unid ch 3 south       |                     | Es 1718                              | unid channel 2-  |            | KNMET 5 NM       |
| 18 Es 2128        | unid ch 2- south      |                     | 28 tr 0625                           | KNLct 24 MO      |            | KNMZt 2 NM       |
| 19 Es 1800        | unids chs 2-6 s       |                     |                                      | W27AU 27 WI 110  | 2100       | unid channel 6-  |
|                   | KATC 3 LA             |                     |                                      | WCET 48 OH 400   |            | KFDXt 3 TX       |
|                   | KJAC 4 TX             |                     |                                      | WGRB 34 KY       | 2127       | KAMR 4 TX        |
| 20 Es 1808        | WEDU 3 FL             |                     | 30 Es 1132                           | KDUH 4 NE        |            | KAVE 6 NM        |
| 1830              | WDIQ 2 AL             |                     |                                      | KCWC 4 WY        | 2130       | (KVIA-7 ID)      |
| 1830              | WTVYt 4 AL            |                     |                                      | KTWO 2 WY        |            | KACV 2 TX        |
|                   |                       |                     |                                      | 1147             | 2228       | (On 9" portable) |
|                   |                       |                     |                                      |                  |            | DX gone          |

W27AU put out a good signal (not quite snow free). The channel 54 LPTV in Madison I discovered as a result of Ely's comments in the VUD. 73, Bill

Jeff Kadet, Box 20, Macomb IL 61455

(309)-833-1809

CST/CDT

**Equipment:**

Zenith 9" black & white, Zenith 12" black & white, Zenith N1310, Zenith Y1310 (all circa 1979-1982), Channel Master 1110 with CP 3800 preamplifier, RG-11 at 50', Channel Master 7' dish with PA 4975 preamplifier. .500 cable at 55', Winegard 5 element low band vertically polarized at 20'.

|                   |            |                                 |            |                  |            |                  |
|-------------------|------------|---------------------------------|------------|------------------|------------|------------------|
| <b>March 1989</b> | 10 Es 1900 | XEFB 2 NL                       | 14 Es 1800 | KWGN 2 CO        | 19 Es 2100 | KNAZ 2 AZ        |
|                   |            | unid 4 Imevision                |            | KUTV 2 UT        | 20 Es 1900 | WMAZ 3 NC        |
|                   |            | XHBot 3 QU                      | 1816       | KCNC 4 CO        | 1930       | WTKR 3 VA        |
|                   |            | KMID 2 TX                       | 1830       | KMID 2 TX        |            | CKCOT 4 ??       |
| 13 AE 1800        |            | KAMR 4 TX                       | 1847       | KOTVt 6 OK       |            | (Who's this?)    |
|                   |            | WESH 2 FL                       | 1900       | KNMZ 2 NM        | 1945       | WCIV 4 SC        |
|                   | 2000       | WGBH 2 MA                       |            | KDBC 4 TX        | 1958       | WRAL 5 NC        |
|                   | 2130       | WFSB 3 CT                       |            | WBRZt 2 LA       |            | WUND 2 NC        |
|                   | 2200       | C---- 4 ??                      |            | (Global)         |            | WUNC 4 NC        |
|                   |            | WABI 5 ME                       | 2000       | KACV 2 TX        |            | WCBD 2 SC        |
|                   |            | WKTU 2 NY                       |            | KENW 3 NM        | 2046       | CKND2 2 MB       |
|                   |            | WSTM 3 NY                       | 2215       | KXAS 5 TX        | 23 tr 2345 | KXLN 45 TX 803   |
|                   |            | WCAX 3 VT                       |            | KDFW 4 TX 640    | 2358       | KHSH 67 TX 799   |
|                   |            | CBFT 2 PQ                       | 2230       | KJRHt 2 OK       | 24 tr 0035 | unid channel 43  |
|                   |            | CKCO2 2 ON                      | 2330       | XEPM 2 CH        |            | (South)          |
|                   |            | WGRZ 2 NY                       | 18 Es 1900 | KDBC 4 TX        | 0055       | KWKT 44 TX 731   |
|                   |            |                                 | 1930       | unid ch 5 Mexico |            | unid channel 45  |
|                   |            |                                 | 1952       | (// XEPM)        | 0112       | unid channel 54  |
| <b>April 1989</b> | 25 Auroral | in evening                      |            | XEJ 5 CH         |            | (South - Big Joe |
| 28 Es eve         |            | unid ch 2 Mexico                |            | KMID 2 TX        |            | Polka Show)      |
|                   |            |                                 | 19 Es 1653 | WESH 2 FL        | 0222       | WFAA 8 TX 640    |
| <b>May 1989</b>   | 4 Es 1700  | WTVJ 4 FL                       | 1800       | WBRZ 2 LA        |            | Most other D-FW  |
|                   |            | WPBT 2 FL                       | 1807       | WEDU 3 FL        | 29 Es 1822 | KIII 3 TX        |
|                   |            | unid ch 3 Mexico                |            | KDFW 4 TX        | 2129       | KNAZ 2 AZ        |
| 5 Es 1645         |            | unid channel 5                  |            | KIII 3 TX        | 2200       | KDBC 4 TX        |
|                   |            | (Multi-burst TP w/ rumba music) |            | KPRC 2 TX        | 30 Es 1657 | KDKA 2 PA 550    |
|                   |            |                                 |            | KGBT 4 TX        | 1700       | WCBS 2 NY        |
|                   |            |                                 |            | 1845             | 1940       | KTVQ 2 MT        |
|                   |            |                                 |            | KRGV 5 TX        |            | XHRIO 2 TA       |
|                   |            |                                 |            | 1900             | 1950       | WFSB 3 CT        |
|                   |            |                                 |            | 2000             | 2030       | WSTM 3 NY        |
|                   |            |                                 |            | 2115             |            | WKTU 2 NY        |
|                   |            |                                 |            | 2200             | 2100       | WTTG 5 DC        |
|                   |            |                                 |            | 2210             |            | WMAR 2 MD        |
|                   |            |                                 |            | 2255             |            | WTVR 6 VA        |
| 14 Es 1800        | KREG 3 CO  |                                 |            | 1940             |            |                  |

The Great Aurora of March 16 was duly noted here. On TV traces of it were noted up to at least channel 25. Channels 2-13 were wiped out except for locals. It was the first time in 34 years of DX'ing that I can recall not being able to hear WWV, anywhere.

I'm gradually moving into a new house about two miles northeast of the old place in the highest part of Macomb (about 20' asl higher). Have the E skip antenna on a mast over there now and have had a ham tribander up on the 70' tower there since last fall. Will soon have the 7 foot dish and a channel 7-13 yagi stacked above that. Conditions to the northwest and north should be dramatically improved. Would love to get into Winnipeg someday and also get Frank's W83AS, my most wanted station!

Also, I'm almost all set up for F2. Just got a new Finco 5 element yagi for 50-54 MHz and an ICOM R7000. Also the TV adapter should be here in a few days. Will put the Finco on a 28' tower with the Stereo Probe 9 (the courteous DX'er breaks in new neighborhoods gradually, hi).

First impressions of the R7000 is that it is a nice little hot set though it has image problems from strong locals. (EEB in Virginia can replace 7 diodes which eliminates the problem). My biggest question was whether the radio could pick up the three 10 kHz audio offsets for each TV channel. The answer is that it can do it with ease and with little audio distortion (and with the 10 kHz readout to match!). With the UHF band becoming more crowded, this handy feature will enable a DX'er to "see" behind a stronger station on the same channel. Ain't technology wonderful? 73.

John Ebeling, 6843 County Road 47, Alborn MN 55702

CDT

Equipment:

General Electric EC chassis about 1980 - electronic tuning (no fine tuning). Antennas in the attic - one pointed south towards Minneapolis/St. Paul and the other aimed southeast towards Duluth - selection via knife switch. Neither antenna is a DX type.

Not much to report. So far this year has been a bust here in Minnesota as far as TV and FM DX is concerned. Been looking at channel 2 at least every few hours, but very little sign of E skip noted, both here at the cabin or at home in the Twin Cities. Anyway, on to the TV-DX as it stands to date:

|                           |                          |                             |
|---------------------------|--------------------------|-----------------------------|
| <u>May 1989</u>           | 19 Es 2215 KPRC 2 TX     | 29 Es 0000 unid ch 2 French |
| 5 Es 1700-1800 unid 2 PBS | 20 Es 1730 unids chs 2-4 | (About 20 mins)             |
| ( "AETV" )                | 1802 unid channel 2      | 30 Es 2200 KMMZ 2 NM        |
| 2030 KPRC 2 TX            | (Florida's Ch 2)         | 2201-2400                   |
| 2040 unids chs 2-4        | 1830 WJXT 4 FL           | unids chs 2-4 wk            |
| 12 Es 1300 WSB 2 GA       | 2000 unid channel 2      | 31 Es 0115 WBRZ 2 LA weak   |
| unids chs 2-4             | 21 Es 1130 WFMY 2 NC     | 1752 WSB 2 GA               |
| 1330 fade/out             | 2200 unid ch 2 PBS       | 1830 WDIQ 2 AL              |
| 13 Es 1000 KWGN 2 CO      | unids chs 2-4            | 1845 WTVY 4 AL              |
| KTWO 2 WY                 | (MUF to FM)              | 1930 WKRG 5 AL              |
| 1030 KUTV 2 UT            | 2227 XEPM 2 CH           | unids chs 2-5 wk            |
| 14 Es 2245 WBRZ 2 LA      | 22 Es 1200 unid ch 2 ABC | 1945-2155                   |
| (MUF to FM)               | 1310 KREM 2 WA           | Good Es chs 2-5             |
| 19 Es 1800 WBRZ 2 LA      | 1330 KREM 2 WA           | (FM DX'ing)                 |
| WWL 4 LA                  | 1400 CFAC 2 AB           | 2200 KMID 2 TX              |
| 2200 WSB 2 GA             | 28 Es 1400 unid ch 2 PBS | 2230 KACY 2 TX              |

Finally had a good E skip evening on the 31st. FM produced Mississippi, Louisiana, Texas, and even a few KS stations (rather short skip).

Anyway, since we spend four out of seven days a week at the cabin (most of the weeks, anyway), we now have a mailbox, with the address noted above.

Dave Pomeroy, 1169 Webster, Topeka KS 66604-1502

CDT

March 1989

11 tr 0630 KSIN 27 IA  
KMEG 14 IA  
KXNE 29 NE  
K39AJ 39 NE  
(Lincoln LPTV-TBN)

April 1989

16 tr AM KDAF 33 TX  
KDFI 27 TX  
KDTX 58 TX  
KHSX 49 TX  
KWKT 44 TX

May 1989

30 Es 2200 WMAR 2 MD  
2300 CKCK 2 SK  
31 Es 1800 WMAR 2 MD

Randy Miltier, 1068 Fairview Avenue, San Jose CA 95125 (N6HMO)

PST/PDT

Equipment:

19" Zenith, Channel Master 1160 VHF/UHF antenna and Channel Master rotor. Fisher VCR.

So far 1989 has been quite different than previous seasons for me. This is the first year here that I've logged DX in March and April. The other oddity has been the late hour that TV-DX has been showing up here. On May 24, I had been checking the TV and 10 meters throughout the day with not even a glimmer of sporadic E. I went to bed about 2200 and then, about 2215, the phone rings, it's Al Tobia telling me there's solid skip in on channel 2 and 3! I thought for sure Al had been nipping a little Sneaky Pete, but sure as shootin' there it was. I stayed up until 2330, logging a crystal clear sign/off on KFDX-3... that was strange for me.

I purchased a new Zenith 27 inch TV a couple of months ago, but I'm not really pleased with it for DX. In fact, I went out and bought a Zenith 19" with manual tuning to use for DX. The new TV's have gone the way of the new cars... they don't build'em like they use to!

All E skip loggings here so far this year have been from the south, except one, and that one exception was strange as my antenna was pointed south-southeast and I just saw a map of Texas on channel 3 (KFDX or KACB tentative) and then 18 minutes later I hear "... at the ... fairgrounds in Aberdeen, sponsored by KDLO and KDLO-FM...." That would put KDLO off the side of the antenna.

Randy Miltier (continued)

|                           |                           |
|---------------------------|---------------------------|
| 18 Es 1129 KENW 3 NM 1060 | 20 Es 2200 unids chs 3, 4 |
| 1430 KENW 3 NM 1060       | 24 Es 2258 KENW 3 NM 1060 |
| 1630 XHI 2 SO 950         | 2300 unids chs 2, 4       |
| 1634 KFDX 3 TX 1331       | 2321 KFDX 3 TX 1331       |
| 1700 XHQ 3 SI 1225        | (S/off @ 2330)            |

April 1989

|                           |                     |                           |
|---------------------------|---------------------|---------------------------|
| 29 Es 0730 KMID 2 TX 1170 | 1715 unid 4 Spanish | 25 Es 0642 unid ch 3 NBC  |
| 0932 KENW 3 NM 1060       | 1757 unid 6 Spanish | 0650 unid ch 2 NBC        |
| 2109 unid ch 2 se         | 1803 KENW 3 NM 1060 | 29 Es 2000 unid channel 3 |
| 2120 unid ch 3 se         | 1806 KMID 2 TX 1170 | (KFDXt - KACBt)           |
|                           | 2218 KTVK 3 AZ 620  | 2018 KDLO 3 SD 1367       |
|                           | 2245 XHQ 3 SI 1225  | 31 Es 2028 KACY 2 TX 1125 |

May 1989

|                           |                           |                       |                       |
|---------------------------|---------------------------|-----------------------|-----------------------|
| 15 Es 1038 unid channel 2 | 19 Es 0903 KMIDt 2 TX ABC | 0908 KACB 3 TX 1283   | 20 Es 2020 KMIDt 2 TX |
| 18 Es 1058 KMID 2 TX 1170 | 1605 KMID 2 TX 1170       | 2051 unid ch 2 w/KACV | 2104 unid ch 3 NBC    |
| 1101 unid channel 3       | 20 Es 2020 KMIDt 2 TX     | 2106 KENWt 3 NM       |                       |

That's about it for the KMID-KENW show. They seem to be the top billing DX stations for this area for May. Hope to see you all next time with some good stuff... come on KTVY-4!

William Eckberg, RR #4, Dixon IL 61201

CDT

Equipment: See May 1989 Western TV-DXMay 1989

|                           |                           |                          |
|---------------------------|---------------------------|--------------------------|
| 5 Es 1700 KPRC 2 TX 890   | 18 Es 1800 XEPM 2 CH 1162 | 21 Es 2100 KREG 3 CO 933 |
| 1740 XHRIO 2 TA 1201      | 1815 KENW 3 NM 912        | 2105 KWGN 2 CO 911       |
| 12 Es 1100 WPBT 2 FL 1229 | 1820 KPRC 2 TX 890        | 2120 KIDK 3 ID 1123      |
| 1125 WESH 2 FL 983        | 1822 KMID 2 TX 967        | 2215 KIII 3 TX 1072      |
| 1200 WEDU 3 FL 1031       | 1900 KTXI 5 TX 875        | 30 Es 1825 KMID 2 TX 967 |
| 14 Es 2100 KREG 3 CO 933  | 1910 KDBC 4 TX 1159       | 1900 KWGN 2 CO 811       |
| 2110 KWGN 2 CO 811        | 20 Es 1025 WPBT 2 FL 1229 | 2100 WUND 2 NC 797       |
| 2215 KDFW 4 TX 738        | 1030 WEDU 3 FL 1031       | 31 Es 2130 WFSB 3 CT 842 |
| 2220 KXAS 5 TX 757        | 2000 WESH 2 FL 983        | 2135 KGWN 5 WY 785       |
| 16 Es 1203 XEPM 2 CH 1162 | 2100 WCBT 2 SC 797        | 2155 WGBH 2 MA 918       |
| 18 Es 1750 XEJ 5 CH 1162  | 2100 CKSA 2 AB 1206       | 2205 KWGN 2 CO 811       |
|                           | 21 Es 2055 KNME 5 NM 1026 |                          |

In the April VUD, page 6, I misidentified a photo. CKND2-2 Minnedosa, Manitoba is actually CBWFT7-2, Kenora, Ontario or CBWYT-2, Mafeking, Manitoba; the latter most likely. The photo is of CBC color bars which was called to my attention by two DX'ers. Upon checking other Canadian photos, they are 100% correct. It could not be CKND2-2. ID'ing Canadians is very difficult and I hope the above information is correct.

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

CST/CDT

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.

March 1989

|                           |                       |                       |                     |                             |                           |                            |                           |                    |
|---------------------------|-----------------------|-----------------------|---------------------|-----------------------------|---------------------------|----------------------------|---------------------------|--------------------|
| 13 tr 1659 KPTM 42 NE 359 | 1700 Sioux City 14,27 | 1702 KHIN 36 IA 318   | 1706 K38CL 38 MN 99 | (Winona KITT-29)            | 14 Es 2114 KMID 2 TX 1065 | 24 ls 1755 KSIIN 27 IA 282 | 30 Es 2030 WWAY 3 NC 1078 | 2300 KMMZ 2 NM 998 |
| AE 1730+ Many unids 2-6   | (Most in French)      | 20 Es 1937 KENWt 3 NM | 2059 KCWC 4 WY 840  | 23 tr 0100 =K15CE 15 MN 144 | (Redwood Fls KTMA-23)     | 1911 WEAR 3(AL)1052        |                           |                    |

K15CE is an ex-translator of KXLI-41 and so far is the only one known to have switched to KTMA-23. Officially though, K15CE is not part of the Minnesota Independent Network. Just in time to confuse E skip DX'ers, KBJR-6 changed their channel logo. The new logo is two-piece (much like KDLH-3's) with an open loop.

Finally if anyone wants a copy of the Minnesota State Edition of TV Guide, I have a stack of them and will trade for your local edition. 73, Mike

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CDT

**Equipment:**

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

|                             |                                   |                                 |
|-----------------------------|-----------------------------------|---------------------------------|
| <b>May 1989</b>             | 20 Es 2159 WFMY 2 NC 1150         | 30 Es 2039 WFMY 2 NC 1150       |
| 12 Es 1204 unid ch 2 ABC se | 21 tr 0658 <u>K2TCK</u> 27 MN 145 | 2157 <u>WBRZt</u> 2 LA          |
| 1228 WSAV 3 GA 1320         | (Willmar LPTV-TBN)                | 2212 <u>KTBS</u> 3 LA           |
| (MUF 92.5-1249)             | 0728 K17BV 17 MN 185              | 2226 <u>KBTXt</u> 3 TX          |
| 1254 unid ch 5 NBC          | (Redwood Flis KITN-29)            | 2248 unid ch 5 NBC              |
| 1300 WFMY 2 NC 1150         | Es 1122 unid ch 2 PBS             | 2312 <u>KMIDt</u> 2 TX          |
| WWAY 3 NC 1315              | 1128 <u>WTKRt</u> 3 VA            | 31 Es 0021 unid channel 2       |
| 14 Es 1900 *KENN 3 NM       | 1159 <u>KDKAt</u> 2 PA            | 1935 (MUF 96.9 - AL)            |
| 18 Es 1915 (MUF 90.3 - TX)  | 1743 unid ch 3 NBC                | 1957 <u>WBRZ</u> 2 LA 1185      |
| 1954 <u>KIITt</u> 3 TX      | 1936 unids channel 3              | 2000 <u>WLBT</u> 3 MS 1070      |
| 19 Es 1918 KVBC 3 NV 1195   | 2000 <u>KBTX</u> 3 TX 1120        | (MUF 107.9-2045)                |
| 1958 <u>KENW</u> 3 NM 965   | 2035 (MUF 95.5 - TX)              | (MUF 107.5-2139)                |
| <u>KNAZ</u> 2 AZ 1120       | 2038 <u>KXAS</u> 5 TX 985         | 2201 <u>KXAS</u> 5 TX 985       |
| 20 Es 1754 unid ch 3 ABC    | 2125 <u>KENS</u> 5 TX 1220        |                                 |
| 1800 <u>WSBt</u> 2 GA       | 2159 <u>KACB</u> 3 TX 1070        |                                 |
| 1830 <u>CKGN2t</u> 2 ON     | 2213 <u>KMID</u> 2 TX 1060        | <b>June 1989</b>                |
| 1924 (MUF 92.3 - OH)        | 26 Es 1015 <u>KMID</u> 2 TX 1060  | 1 Es 2159 <u>KVVU</u> 5 NV 1200 |
| 2027 <u>WRAL</u> 5 NC 1215  | 30 Es 1905 unid ch 2 PBS          | 2202 (MUF 96.3 - NV)            |
| 2029 <u>WSAZ</u> 3 WV 935   | 1910 unid ch 5 CBS                | 2214 <u>KVBC</u> 3 NV 1195      |
| 2113 (MUF 89.3 - IN)        | 2029 <u>WWAY</u> 3 NC 1315        | 11 Es 1056-1200 unid ch 2       |
|                             |                                   | Mexico XEW relay                |

\* Received from St. Paul, Minnesota with rabbit ears.

Keep those reports coming! Please keep current. Even though loggings three months old are being accepted, I feel that it is most desirable to share your experiences with your fellow DX'ers as soon as possible.

Please note again this column's mailing address. This address was announced in the December 1988 Western TV-DX Column, but this month two reports were still received with the old address. This means another day in transit and eventually return by the post office.

A suggestion when reporting translators or LPTV's which operate as translators - please list the primary station with each report. This is desirable as translators change their primaries from time to time. When a translator is listed by only its call letters, I am forced to refer to my various references for its primary. This could result in my attributing an incorrect primary.

It would also be a good idea to include the city with non-border Mexico TV loggings. Sometimes call letters are reported which I can't identify from my references. If you know what you are seeing, it would help me out if you would let me know the location.

# NEXT MONTH IN THE V. U. D.

THE FM SCOREBOARD  
ANOTHER CALL LETTER CROSSWORD!  
THE 1989 SUMMER E-SKIP:  
BOOM OR BUST?  
MUCH, MUCH MORE

# SOUTHERN FM DX

JULY 1989

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

DEADLINE: 10th

TRANSLATORS HEARD VIA ES AS MAY WRAPS UP 2 OR 3 GOOD SKIP DATES...ALSO MAY TR UP.

**THE DENON TU-800 FINDS A NEW DXER ADMIRER.**

**Fred Laun(K320) 5801 Huntland Rd., Temple Hills, MD 20748**

You haven't heard from me since I was in Nicaragua. I returned home some time ago, but it took me a while to decide what I wanted to do for an FM DX setup. Everything I had run into had lousy skirt selectivity for a metropolitan area like this one (8 miles from downtown Washington, DC and 3 miles from 50 kw WPGC 95.5). Then I saw Doug Allen's report on the Denon TU-800, and the XYL noted a local sale on the Denon line, so we went over and picked one up. It has far exceeded my most hopeful anticipation, and even stations adjacent to 95.5 can make it through with the TU-800's narrow IF position in operation. I fooled around with for a while, getting the hang of it, but not recording in a systematic manner any of the tropo openings I heard. With the Denon attached to a Radio Shack FM antenna on the chimney, for example, it is possible most mornings to copy Wilmington's WJBR-FM on 99.5 even though local WHAY is on the same channel. Careful nulling to the WGAY signal for minimum strength along with some careful massaging of the feedline near the tuner does the trick. Finally, on May 30 the Denon observed its first Es opening, and I did record this opening formally. Times in EDST and all stations observed with ID's unless otherwise indicated:

|                |   |
|----------------|---|
| <b>6/30 Es</b> | 2055 <u>KCHE</u> 92.1 IA Cherokee ads               |
|                | 2059 <u>KKYA</u> 93.1 SD Yankton, "KK-93"           |
|                | 2103 <u>KWYR</u> 93.7 SD Winner                     |
|                | 2113 <u>KTGL</u> 92.9 NE Lincoln, in for 1 1/2 hrs. |

|                |  |
|----------------|--|
| <b>6/30 Es</b> | 2122 <u>KTUF</u> 93.5 MO Kirksville, lcl ads     |
|                | 2124 <u>KRXL</u> 94.5 MO Kirksville, "The X"     |
|                | 2127 <u>KCPW</u> 94.9 MO Kansas City, "Power 95" |
|                | 2200 <u>WOW</u> 94.1 NE Omaha                    |
|                | 2208 <u>KZKX</u> 96.9 NE Lincoln, Country 96 K1o |

**Doug Allen, w2crs, P. O. Box 5646, Woodland Park, CO 80866**

Equip't: Denon TU 800, Stereo Probe 9 at 25'

|                         |   |
|-------------------------|---|
| <b>5/1 ms</b>           | 0636 <u>WVAE</u> 92.3 MI Detroit, "VAE"                                     |
|                         | 0741 <u>WIL</u> 92.3 MO St. Louis, ID, promo (state #251)                   |
|                         | 0800 <u>WJPD</u> 92.3 MI Ishpeming, ID                                      |
| <b>5/3 ms</b>           | 0759 <u>KGON</u> 92.3 OR Portland, "the pick of the week on 92 FM KGON"     |
|                         | 0920 <u>KOMP</u> 92.3 NV Las Vegas, no ID, local ads, STATE #26!            |
| <b>5/6 ms</b>           | 0658 <u>WDBR</u> 103.7 IL Springfield, ID on 8 sec. burst                   |
| <b>5/7 ms &amp; tr</b>  | 0907 <u>KBQYt</u> 103.7 OR Lebanon, something like "so lock us in 103.7 QY" |
|                         | 1147 <u>KQIZ</u> 93.1 TX Amarillo, Z-93 310                                 |
|                         | 1149 <u>KLSF</u> 96.9 TX Amarillo   |
| <b>5/10 ms</b>          | 0721 <u>KOKL</u> 92.3 IA Oelwein, short burst, "8:20 at KOEL"               |
| <b>5/12 ms &amp; tr</b> | 0705 <u>KOULT</u> 103.7 TX Sinton-Corpus Christi "COOL FM forecast"         |
|                         | 1904 Wichita stations in at 417 miles                                       |
|                         | 1905 <u>KWKL</u> 106.5 KS Arkansas City 455                                 |
| <b>5/13 tr</b>          | 0710 ?? 88.3 <u>KWBI</u> xlator to north                                    |
|                         | 0720 <u>KSIT</u> 104.5 WY Rock Springs 280                                  |
| <b>5/14 tr, Es</b>      | 0955 <u>KAML</u> 96.9 WY Gillette 365                                       |
|                         | 1000 <u>KKRD</u> 90.3 TX Corpus Christi, c                                  |
|                         | 1458 <u>KSKZ</u> 95.5 NE Gordon 298   |
|                         | 2004 <u>WBBN</u> 99.3 KY Harrodsburg, ID                                    |
|                         | 2006 <u>WBJD</u> 97.7 VA Grundy, ID, ads                                    |
|                         | 2025 <u>WHAJ</u> 104.5 WV Bluefield, ID, J104 (state #28)                   |
|                         | 2030 <u>WRVL</u> 88.3 VA Lynchburg, ID, g                                   |

|                                    |  |
|------------------------------------|--|
| <b>5/14 Es</b>                     | 2034 <u>WXLK</u> 92.3 VA Roanoke, K92 1354                             |
|                                    | 2055 <u>WHIC</u> 94.3 KY Hardinsburg, ID                               |
|                                    | 2056 <u>WGIR</u> 01.37 WV Beckley, ID, 103 CIR                         |
|                                    | 2101 <u>WYWC</u> 105.3 IN Evansville, ID 950                           |
|                                    | 2107 <u>WRVC</u> 93.7 WV Huntington                                    |
|                                    | 2115 <u>WMOX</u> 93.1 NC Winston-Salem, 93 MIX 1356 (state #29)        |
|                                    | 2127 <u>WVPR</u> 94.9 VA Roanoke, local wx, Easy 95                    |
|                                    | 2155 <u>WKLK</u> 93.1 ?? several IDs and "Classic Oldies" HELPL!       |
|                                    | 2148 <u>WQRP</u> 88.1 OH W. Carrollton, Dayton area rel. announcements |
|                                    | 2200 <u>WAUP</u> 88.1 OH Akron, ID                                     |
| <b>5/18 Es</b>                     | 1720 <u>WCGO</u> 107.3 GA Columbus, ID                                 |
|                                    | 1735 <u>WATV</u> 96.9 FL Jacksonville, ID 97WAVE 1456                  |
|                                    | 1745 <u>????</u> 99.3 "T91" & Wyanotte ment., HELPL!                   |
|                                    | 1750 <u>WNMS</u> 97.5 MS Oxford, MISS 98 Millissappi                   |
|                                    | 1753 <u>WLWJ</u> 92.3 AL Montgomery, local spots                       |
|                                    | 1754 <u>WNGC</u> 95.5 GA Athens, local spots                           |
|                                    | 1757 <u>WQXI</u> 94.1 GA Smyrna-Atlanta, 94Q, loc.ad                   |
|                                    | 1759 <u>WPCH</u> 94.9 GA Atlanta Peach, ID                             |
|                                    | 1818 <u>KABF</u> 88.3 AR Little Rock, ID                               |
|                                    | "Your Arkansas station for bluegrass"                                  |
|                                    | 1822 <u>KLRE</u> 90.5 AR Little Rock, local wx, "tornado watch" into c |
|                                    | 1837 <u>WAFE</u> 94.5 AL Birmingham, local spots                       |
| <b>5/19 tr</b>                     | 2115 Wichita stations in at 415 miles                                  |
| <b>5/23 tr &amp; tropo ducting</b> | 0645 Wichita & Amarillo stations in but not strong.                    |
|                                    | 0700 <u>KWKL</u> 106.5 KS Arkansas City, good 455                      |
|                                    | 0708 <u>KNID</u> 96.9 OK Enid, full quieting 465                       |
|                                    | 0712 <u>KOSU</u> 91.7 OK Stillwater, fair 510                          |
|                                    | Allen, cont.....   |

## SOUTHERN FM DX

Allen, cont.

JULY 1989

5/23 tr  
0722 KMYZ 104.5 OK Pryor-Tulsa, Z105, OK nx,  
full quieting! BEST EVER TR AT 570 MILES  
0727 KVL1 106.1 OK Owasso-Tulsa, ads 553  
0732 KXL 99.7 OK Alva-Enid, Ids 375

5/23 tr  
0735 ??? 95.5 // Spanish, probably from  
north or northeast OK. (I doubt it. DB)  
0744 KKBSt 92.7 OK Guydon, fair  
0753 KWF 93.5 OK Woodward, ID, "the Fox",  
full quieting, best 3k tropo 355

E-skip was good mid-month, but disappointing the last two weeks of May and first few days in June. The tropo of 5/23 was the first ducting noted from this location with stations along a narrow line between here and northeast of Tulsa very strong. Amarillo and Wichita stations were outside the duct and only slightly better than normal. Tulsa stations were also apparently outside the duct as none were noted on clear frequencies. I had to leave for work at 0755 when KMYZ-FM at 570 miles was still full quieting! Earlier at 0640 I had worked KA5AAE in Rosaton, OK on 144 and 432 Mhz where his 10 watts was arm chair copy. Once again I am happy to report that tropo is alive and well in the eastern Rockies. I hope those to my East caught the Colorado Springs stations which must have been full quieting in parts of north central and northeast Oklahoma. (Well, I had to be at work at that good time. DB) Tropo this spring compares favorably with my experience in Schenectady, NY and other inland locales except that all the good tropo here has occurred in early to mid-morning. On two occasions tropo has been good out to 550 miles, in April to western Iowa and this month to NE Oklahoma. I've noted no 400 mile+ tropo to the south-west or west, perhaps for the same reason that stations to my east seldom note tropo in this direction; I seldom keep my yaqi in that direction! 73.

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

Equipt.: Onkyo T-9090, Probe 9, CM rotor

3/30 tr(WKQD 93.3 off)

1805 WBOB 93.3 NC Forest City, ID 259

1821 WKYQ 93.3 KY Paducah, ID 200

3/31 tr

1133 WKLR 93.1 IN Indianapolis, ID 360

4/30 tr

1833 WLZA 96.1 MS Eupora, ID, ex 101.7 183

5/5 Es

1705 KALP 92.7 TX Alpine, ID

1709 XHRPT 94.7 CO Saltillo

1717 XHRkt 95.7 NL Monterrey

2221 KFST 94.3 TX Fort Stockton 970

5/14 Es

1909 KUWRt 91.9 WY Laramie

1911 KTRZ 93.1 WY Riverton, ID

1915 KMJI 100.3 CO Denver, ID 1075

1919 KHIIH 94.7 CO Boulder, 67 db 1085

1921 KRQU 102.9 WY Laramie, "New Rock-U"

1932 KFBQ 97.9 WY Cheyenne, Q88 1110

1934 KBCO 97.3 CO Boulder, ID

1946 KQSV 96.5 WY Rock Springs

1949 KJCO 100.9 CO Yuma, lcl. ad 985

1950 KTRR 102.5 CO Loveland, "Tri-102", r

1954 KGSU 90.9 CO Fort Collins, ID

2009 KSAI 96.1 CO Greeley, K-Sky 1080

2011 fade out until...

2124 KMKK 93.9 SD Rapid City, Magic

2128 KGWY 100.7 WY Gillette, Y-100

2129 KEZV 101.1 SD Spearfish, b, ID

2129 K276LJ 103.1 SD Spearfish

"KEZV 101-103"

2136 KRCS 93.1 SD Sturgis, wx 1140

2141 KGGG 100.3 SD Rapid City, Hit 100

2148 KNRN 94.7 NE Norfolk, ID 780

2149 KMYR 93.7 SD Winner, ad, Magic 93

2159 KMG 93.5 NE Columbus, r, ID

2200 KINT 96.1 NE Crookston, ID

2201 KSOY 95.1 SD Deadwood, ID

(see note on J.C. Penney)

2205 KSDZ 95.5 NE Gordon, ID 998

2207 K202AU 88.3 SD Rapid City, KILI 90.1

2215 KGOR 99.9 NE Omaha, ID 710

2230 WOW 94.1 NE Omaha, ID

5/18 Es

1136 KWKY 94.9 NM Astec, 95-Quick

1139 KRTZ 98.7 CO Cortez, ID 1255

35760

5/18 Es

1143 KPCL 95.7 NM Farmington, g. \$ 1220

1148 KRTH 94.3 NM Raton, ID

1150 KALQ 93.5 CO Alamosa, ID

1228 unID 98.7 "Country Sunshine"

1234 KRWN 92.9 NM Farmington, f/out 1236

1815 KIQQ 93.1 CO Grand Junction, ID 1260

1839 KASF 90.9 CO Alamosa, ID 1110

1849 KVVU 99.9 CO Colorado Springs

1853 KRSJ 100.5 CO Durango, ID

1855 KSPZ 92.9 CO Colorado Springs

1859 KEKB 99.9 CO Fruita, ID

1900 KKW 98.9 CO Pueblo, r, ID 1050

1900 KRCC 91.5 CO Colorado Springs, ID

f/out 1908

5/19 Es

1805 KDHT 92.5 CO Greeley, 60 db

1806 KHIIH 94.7 CO Boulder, ID 1085

1807 KBCO 97.3 CO Boulder

1856 KILQ 93.9 CO CO Springs, Kee-Low

1859 KRCC 91.5 CO CO Springs, ID

tr

2145 KITT 93.7 LA Shreveport, ID 459

2157 KWTX 97.5 TX Waco, ads, 97FM

2200 KTKS 99.9 TX Waco, ID, Kiss 99

2212 KJNE 102.5 TX Hillsboro, k, ID

2217 KMG 102.9 TX Dallas, ads, Magic

2220 KAJA 97.3 TX San Antonio, KJ-97 765

2222 KZPS 92.5 TX Dallas, ID

2224 KYKX 105.7 TX Longview, Kicks 495

2230 KBCI 90.9 TX Dallas, ID 600

2236 KQZY 105.3 TX Dallas, Cozy-105

2247 KLVU 98.7 TX Dallas, K-Love, oldies

2251 KCSC 96.3 TX Fort Worth, ID 640

2259 KMBZ 107.5 TX Fort Worth, b, ID

2300 KPLX 99.5 TX Fort Worth, K-Plex

2311 KRMD 101.1 LA Shreveport, ID

2316 KKDA 104.5 TX Dallas, s, K-104

2323 KPXI 100.7 TX Mount Pleasant, X-100

2324 KZEW 97.9 TX Dallas, ID

2335 KTYL 93.1 TX Tyler, ID

2351 KVI 103.7 TX Dallas, over lcl. WQEN

2359 KMMX 106.7 TX Terrell Hills, ID 760

5/20 tr

0005 KBL 97.1 TX Fort Worth, r, ID

0007 KLY 94.1 TX Fort Worth, gr, ID

0007 KHYI 94.9 TX Arlington, r, Y95, cont...

## SOUTHERN FM DX

Pugh, cont.

JULY 1989

5/20 tr

0008 KJGS 103.3 TX Nacogdoches, k, ID

0012 WRR 101.1 TX Dallas, c, ID

0022 KTXU 98.9 TX Carthage, TUX

0029 KERA 90.1 TX Dallas, ID

0036 KNFO 95.5 TX Waco, k, K95

0045 KNUB 101.5 TX Tyler, ID

0049 KOAI 106.1 TX Denton, OASIS

0050 KLB 93.7 TX Austin, ID 710

Es

1833 spotty MUF's to 96.1, Canada

1919 WZTR 95.7 WI Milwaukee, ad 585

"Star 95"

2012 unID 95.7 "96 Lite FM"

2013 WCOM 97.1 WI Sparta, ID

2018 WIAL 94.1 WI Eau Claire, r, I-94

Es

Two good solid Es days in May. Logged my first translators by Es on 14th, 103.1 KEZV

translator showed 19 db while 101.1 had around 40 db. Then at 2201 KSQY 95.1 was in over

60 db local WNDA, but the ID was made on the old JCPenny with the wire whip. Couldn't

null WNDA with Probe 9 as it's in the path to S. Dakota! And a nice tr to TX on May 19.

Signals were weak most of the time, around 10 db or more. It did rise to almost 30 db for

a brief time only. But this was a very productive tr event as semi-locals had no enhance-

ment at all. Rare! Almost the same thing on May 25 but short lived. Es OK, if only a

decent MUF can arrive in June. Also in my last report, May VUD, KCEV 88.3, Wichita, KS

should be listed as new, so I have 3 stations by au! 73's.

Gus Mancuso, 5615 Inwood St., Hyatts, MD 20785

From Nicholas Co., WV, Equipt: Pioneer DX-40 (cont. from last month)

4/14 tr

0825 WKKS 106.7 PA Beaver Falls

0826 WHEL 97.3 WV Wheeling

0835 WMYG 96.9 PA Braddock

0839 WKBC 97.3 NC N. Wilkesboro

0845 WTFM 98.5 TN Kingsport

1300 WKLK\* 95.3 WV Elkins

1528 WVWC\* 92.1 WV Beckmann

1638 WJNL\* 96.5 PA Johnstown

1540 WCKN\* 101.1 SC Anderson

\*from roadside scenic overlook with Panasonic digital beam box

After no new catches at mountain top spot, I played a hunch and took portable to a road-

side overlook about half way between Mt. top and valley bottom base house and got six new

stations, which couldn't be found on mt. because of adj. ch. int. or valley due to insuffi-

cient signal strength. Morning enhancement better than expected, seemed due to frost evap-

orating on the 14th and was wven present on the 15th, which was drizzly. Will look for

other spots on next trip, staying with the 25 mile triang. WMGG 99.7 Columbus, came in

very clear when picked up on freq., which is sandwiched between 2 semi-locals. However, upon

switched immediately to 97.1, WBNS Columbus could not be heard at all. Have never ex-

perienced "selective directional opening" before! NOTE: .05 tuning capability of

Panasonic not much of a factor, signal strength so low in valley that off tuning took out

stations completely in most cases. Got 9 stations between 96.9 and 97.3 due to local WCKA

Sutton 97.1 being off air all 3 days. (And Gus sent bandscan from the ski lodge in VA.

Best catch was WZNS 92.9 of Dillon, SC. DB)

Matt Sittel, 220 Brookfield Dr., Kingsport, TN 37663

5/5 Es

2320 unIDs 90.1, 90.3, 95.5

5/18 tr

2229 WNGC 95.5 GA Toccoa, ID 175

5/19 tr

0004 WBBQ 104.3 GA Augusta, calls 205

0100 WTHL 90.5 KY Somerset, ID 124

5/21 tr

1042 WCVQ 107.9 KY Ft. Campbell 276

1051 WLAC 105.9 TN Nashville, 106FM 246

5/27 tr

1050 WVKX 104.5 TN Gallatin, Nashville's

to Fox 246

1100 WLAC 105.9 TN Nashville, 106FM 246

WKDF 103.3 TN Nashville, ID

5/21 tr

1702 WRBN 101.7 GA Warner Robins, r, ID 200

Es

2328 KMGH 93.9 AZ Flagstaff, ID 1410

5/22 Es

0002 KAMZ 93.1 TX El Paso, 293

0007 KWKY 94.9 NM Astec, 95-Quick

0041 KLYT 88.3 NM Albuquerque, K-Lite

5/24 tr

1134 WGOX 88.5 TN Memphis, nx, X88 220

1755 WCHK 105.7 GA Canton, from 105.5

5/25 tr

2245 KAPT 94.7 TX Luling, ID 740

2324 KWTX 97.5 TX Waco, ads

5/26 Es

1658 unID 88.3 MEX \$

1941 unIDs 90.9, 97.7 mono, MEX

1941 unIDs 90.9, 97.7 mono, MEX

1941 unIDs 90.9, 97.7 mono, MEX

1941 unIDs 90.9, 97.7 mono, MEX

1941 unIDs 90.9, 97.7 mono, MEX

1941 unIDs 90.9, 97.7 mono, MEX

1941 unIDs 90.9, 97.7 mono, MEX

1941 unIDs 90.9, 97.7 mono, MEX

1941 unIDs 90.9, 97.7 mono, MEX

1941 unIDs 90.9, 97.7 mono, MEX

1941 unIDs 90.9, 97.7 mono, MEX

1941 unIDs 90.9, 97.7 mono, MEX

4/14 tr

1608 WJIE 92.1 MD Oakland

1628 WLAN 96.9 PA Lancaster

4/15 tr

0910 WAKG 103.3 VA Danville

1423 WOSE 94.5 OH Port Clinton

1600 WREO 97.1 OH Ashtabula

4/16 tr

0207 WMAX 100.7 PA New Kensington

0222 WLTJ 92.9 PA Pittsburg

0731 WMG 99.7 OH Columbus

WMGG 99.7 Columbus, came in

very clear when picked up on freq., which is sandwiched between 2 semi-locals. However, upon

switched immediately to 97.1, WBNS Columbus could not be heard at all. Have never ex-

perienced "selective directional opening" before! NOTE: .05 tuning capability of

Panasonic not much of a factor, signal strength so low in valley that off tuning took out

stations completely in most cases. Got 9 stations between 96.9 and 97.3 due to local WCKA

Sutton 97.1 being off air all 3 days. (And Gus sent bandscan from the ski lodge in VA.

Best catch was WZNS 92.9 of Dillon, SC. DB)

5/27 tr

1050 WTMG 96.3 TN Murfreesboro 220

to WYH 107.5 TN Lebanon 211

1100 WZEE 92.9 TN Nashville, ID 246

5/28 tr

1047 WSM 95.5 TN Nashville, Nashville 95

to WLAC 105.9 TN Nashville, 106FM 220

WTMG 96.3 TN Murfreesboro, ID 220

WVKX 104.5 TN Gallatin, ID 220

WYH 107.3 TN Lebanon 211

1058 WDEF 92.3 TN Chattanooga 186

1058 WDOE 96.5 TN Chattanooga

2159 WZLI 106.1 GA Toccoa, ID 134

2203 WNGC 95.5 GA Athens 175

2207 WZGC 92.9 GA Atlanta, 293, cont.... 216

## SOUTHERN FM DX

Sittel, cont.

JULY 1989

|  |                            |  |     |
|--|----------------------------|--|-----|
| 5/31 Es                                    | "Power 93"                 | 5/18 tr 1730-2130                              |     |
| 1137 KITY                                  | 92.9 TX San Antonio        | 96.1 WAVH AL Mobile, 96FM, the Wave            | 372 |
| 1144 KSAQ                                  | 96.1 TX San Antonio, Q96   | 97.5 WABB AL Mobile                            | 372 |
| 2016 KEFM                                  | 96.1 NE Omaha, Lite 96     | 99.1 WKNN MS Pascagoula                        | 388 |
| tr   |                            | 99.9 WKRG AL Mobile                            | 372 |
| 2023 WKLS                                  | 96.1 GA Atlanta, 96 Rock   | Stations logged in Raleigh, NC, 200+ mi. only: |     |
| Em   |                            | 8/27-88  |     |
| 2032 KNOR                                  | 92.9 NE Scottsbluff, calls | 0115 WKQB 107.5 SC St. George, Q107            | 207 |
| 2042 KAMI                                  | 104.5 NE Cosad, ID         | 0125 WHTK 99.7 SC Port Royal                   | 259 |
| 2048 KRQU                                  | 102.9 WY Laramie, ID       | 9/1  |     |
| 2052 KKAZ                                  | 100.7 WY Cheyenne          | 0709 WANS 107.3 SC Anderson                    | 242 |
|  |                            | 11/20  |     |
| DX in Lake Buena Vista, FL, 200+ mi. only: |                            | 0959 WEZL 103.5 SC Charleston                  | 218 |
| 5/13-18 0000-0100                          |                            | 3/2-89   |     |
| 92.9 WAAC GA Valdosta, C93                 | 203                        | 1623 WBBQ 104.3 GA Augusta, Q104               | 248 |
| 98.9 WBGW FL Tallahassee                   | 223                        | 4/29   |     |
| 102.5 WBGW GA Waycross, Glass 102.5        | 203                        | 0452 WKLY 102.5 SC Charleston                  | 218 |
| DX in Clearwater Beach, FL, 200+ miles:    |                            | 0601 WDXZ 104.5 SC Mt. Pleasant                | 216 |
| 5/18 1730-2130                             |                            | 9/2-88   |     |
| 93.7 WQID MS Biloxi                        | 408                        | 0706 WHIT 106.9 NC Black Mountain              | 204 |
| 94.5 WVZR FL Port St. Joe, Z-Rock          | 200                        |  |     |

I've not had much time at school to DX on FM, so I haven't reported. As you can see there wasn't much to report. Overall, the first year Raleigh log total is 93. Kingsport DX has been typical for tropics, yet atypical for E-skip. I hope June will pick up on Es. Florida DX isn't bad, especially on the Gulf! Must be nice to DX there during a big opening across the Gulf. Best of DX to all! 73's.

## John M. Jefferson, 4104 Spyglass Ct., Antioch, CA 94509-6051

The skip is here! Hope you caught the great opening 5/18; it was a dandy. My previous record for May was 11 loggings in the month, and that opening produced 12 in 4 hours, plus 18 relogs new to Antioch. Wizard 103.7 was a real milestone - number 1000 on the Diablo Area log!

All that follows was done with the newer MR80 and the S/probe at 30' unless marked with a #, in which case it was done with the aux MR80 & the aging Winegard in the garage. (It's so windy on this hill I can't have a free-standing tripod outside, as in Pleasanton!) Underlined is new; @ means new to Antioch. The Antioch log stands at 298, so the 12-month total will easily shatter the Pleasanton mark of 268. The Diablo log is at 1007.

| TIME CALLS  | FREQ  | ST | CITY            | DIST | REMARKS                   |
|-------------|-------|----|-----------------|------|---------------------------|
| 4/17/89 NS  |       |    |                 |      |                           |
| 0136 KTQME  | 99.9  | NM | Clovis          | 1060 | Local refs                |
| 4/23/89 TR  |       |    |                 |      |                           |
| 0028 KKBB@  | 97.7  | CA | Shafter         | 210  | B-Rock; KUIC off          |
| 4/24/89 GW  |       |    |                 |      |                           |
| 0920 KCIV   | 99.9  | CA | Mt. Bullion     | 105  | ID testing                |
| 4/29/89 ES  |       |    |                 |      |                           |
| 1157 CBTK@  | 88.9  | BC | Kelowna         | 855  | CBC Radio                 |
| 4/30/89 GW  |       |    |                 |      |                           |
| 1851 KLIQ   | 102.1 | CA | Shingle Springs | 65   | ID testing                |
| 5/7/89 SL   |       |    |                 |      |                           |
| 1215 KSPB@  | 91.9  | CA | Pebble Beach    | 95   | Calls; KLVR off           |
| 5/11/89 ES  |       |    |                 |      |                           |
| 2002 KACU   | 89.7  | TX | Abilene         | 1275 | ID                        |
| 2043 KLUV@  | 98.7  | TX | Dallas          | 1425 | K-Love                    |
| 5/13/89 SL  |       |    |                 |      |                           |
| 2114 KBCY   | 106.3 | CA | Merced          | 88   | ID testing                |
| 5/18/89 ES  |       |    |                 |      |                           |
| 1800 XHMA7@ | 99.5  | SI | Mazatlan        | 1360 | ID                        |
| 1801 KIXY@  | 94.7  | TX | San Angelo      | 1285 | ID                        |
| 1808 KVTT   | 91.7  | TX | Dallas          | 1460 | g; 214 phone              |
| 1816 KGNZ@  | 88.1  | TX | Abilene         |      | Calls                     |
| 1818 KSTV   | 103.7 | TX | Stephenville    | 1415 | Calls                     |
| 1821 KJMZ@  | 100.3 | TX | Dallas          | 1425 | Local ad                  |
| 1828 KFMX@  | 94.5  | TX | Lubbock         | 1150 | Local ad                  |
| 1831 KISS   | 99.5  | TX | San Antonio     | 1470 | Kiss rocks                |
| KCYI        | 100.3 | "  | "               |      | Y-100, k (SA ref at 1947) |

cont.

SOUTHERN FM DX  
5/18 Es

Jefferson, cont.

JULY 1989

|             |       |    |                |      |                             |
|-------------|-------|----|----------------|------|-----------------------------|
| 1839 KNFO@  | 95.5  | TX | Waco           | 1485 | Waco ad                     |
| 1842 KWDP#  | 103.7 | TX | Hamlin         | 1285 | Wizard 103.7, k             |
| 1845 KNFM@  | 92.3  | TX | Midland        | 1175 | Odessa ad (calls at 1936)   |
| 1855 KOCV@# | 91.3  | TX | Odessa         | 1190 | ID o/ c unid                |
| 1904 KACU   | 89.7  | TX | Abilene        |      | Calls, wx                   |
| 1913 KASE   | 100.7 | TX | Austin         | 1480 | Case-101                    |
| 1936 KNCT   | 91.3  | TX | Killeen        | 1470 | Killeen ref:                |
|             |       |    |                |      | no ID noted from 1844-1936! |
| 1942 KELI@  | 98.7  | TX | San Angelo     | 1285 | Local ad (calls at 2011)    |
| 1947 KEYI#  | 103.5 | TX | San Marcos     | 1480 | Austin's new Keen(?) 103.   |
| 2005 KFLR@  | 90.3  | AZ | Phoenix        | 635  | Station ph#                 |
| 2006 KJZZ@  | 91.5  | "  | "              |      | Calls, K-Jazz               |
| 2007 KOY    | 95.5  | "  | "              |      | Station ph#                 |
| 2016 KAPT   | 94.7  | TX | Luling         | 1500 | Calls                       |
| 2020 KSMG   | 105.3 | TX | Seguin         | 1490 | SA's ... 105                |
| 2034 XHCDG@ | 89.3  | SN | Ciudad Obregon | 1040 | Hermosillo ref              |
| XHHB        | 94.7  | "  | Hermosillo     | 910  | // 89.3; R.                 |
|             |       |    |                |      | Sonora unid several times   |
| 2039 XHNS   | 106.7 | SN | Nogales        | 780  | // 89.3                     |
| 2051 KLTO   | 94.7  | TX | El Paso        | 970  | K-Lite EP; ID at 2200       |
| 2059 KTEP@  | 88.5  | "  | "              |      | ID                          |
| 2113 XHSR   | 100.3 | SN | Hermosillo     | 910  | Calls                       |
| 2142 XHMV@  | 93.9  | "  | "              |      | Sonora ref                  |
| 2155 KLAG@  | 95.5  | TX | El Paso        |      | EP ref                      |
| 2210 KRWG@  | 90.7  | NM | Las Cruces     | 940  | Calls                       |
| 2222 KHFL@  | 90.5  | SN | Cd. Obregon    |      | Calls                       |

I'm assuming the Radio Sonora entry on 106.7 is XHNS Nogales, which is listed on 105.9. If it moved, that would explain the alleged XHSN 106.7 in the same city as XHNS, a station known only through the FCC denial of KXMK 106.3 AZ City's move to 106.5 (see Elving's Feb. column). And XHSR is no typo; though listed as XHSD, the station's last call letter has two syllables so can't possibly be a D. It's either R or L (ere vs ele in Spanish - hard to distinguish) & I'm guessing the former.

The KTQM catch was found on a MS tape after the last report, so overlaps that letter. Sort of a going-away present, I guess, as KCIV is 24 hours & that's the end of MS on 99.9! My other after-midnight channel was 102.1; KLIQ not only zapped that, but has now made KDFC San Francisco not only unusable but nearly unhearable. And KBCV sits on what was one of only 3 blank channels (98.7 & 88.3 being the last survivors - & KEAR has an xlator on 88.3 which is sometimes usable). Ouch, ouch, ouch!

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

Eqpt.: Onkyo T-9090, Probe 9 up 34' with rotor

|            |       |    |                         |     |   |
|------------|-------|----|-------------------------|-----|---|
| 5/19 tr    |       |    |                         |     |   |
| 0958 KODA  | 99.1  | TX | Houston                 | 460 | 5/20 Es                                       |
| 1036 KITY? | 94.1  |    | location not known      |     | 1858 WNCM 88.1 FL Jacksonville, ID            |
| 1046 KZMZ  | 96.9  | LA | Alexandria, ad          | 435 | 1918 WRSU 88.7 NJ New Brunswick, ID           |
| 1059 KTXU  | 89.9  | TX | Carthage, ID            |     | 2000 WFMJ 89.1 NJ Trenton, ID                 |
| 1100 KPYN  | 99.3  | TX | Atlanta, ID             |     | 5/28 tr                                       |
| 1110 KJAE  | 92.7  | LA | Leesville, KJ-92, ad400 |     | 1100 KUHF 88.7 TX Houston                     |
| 1112 KITT  | 93.7  | LA | Shreveport              | 320 | 5/28 gw                                       |
| 1120 KEYI  | 103.5 | TX | San Marcus, Key 104     | 425 | 2000 KGND 107.5 OK Ketchum, calls, \$, k, 115 |
| 1124 KJNE  | 102.5 | TX | Hillsboro, wx           |     | "on Grand Lake" new to air                    |
| 1130 KMJQ  | 102.1 | TX | Houston, Magic 102, ad  |     | 6/4 gw  |
| 1135 KYXK  | 105.7 | TX | Longview, k, calls 290  |     | 1900 KTOW 102.3 OK Sand Springs, \$, r, ID    |
|            |       |    |                         |     | new to air                                    |

Got something new from Louisiana for the first time in four years, and other than that the new DX season isn't especially exciting. June so far has been unproductive during the times I've been able to check. I hope every DXer gets in on a few good openings before the season concludes this August and please to report. Until next month, 73.

Southern FM DX is for reporters from: AL, AR, AZ, CA, CO, DE, FL, GA, KS, KY, LA, MD, MO, NC, NM, NV, OK, SC, TN, TX, UT, VA, & WV. Also DC.

# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NEW YORK 14221

NORTHERN FM DX

JUNE 1989

FOR DXERS in: Canada, ME, NH, VT, MA, RI, CT, NY, NJ, PA, OH, MI, IN, IL, WI, IA, MN, ND, SD, NE, MT, WY, ID, WA, OR, AK, and HI

JUNE 1989

DEADLINE: THE 5TH

There have already been some skip openings as of this typing (May 11). There are also two more reports of that March 13 auroral opening this month. We welcome two new reporters this month, Mark Strickert and Charles Gauthier. Remember, everyone is welcome to report, so do it!

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY NY 13041 (ELT)

**Equipment:** Receiver - Carver TX-11a  
Antenna - CM Stereo Probe 9 at 30' AGL w/CDR Rotor.  
CATV 75-ohm coax line and home-brew band-pass filter.  
**Underlined** new to log

APRIL 1989

From Clay NY:

9 Tr  
2313 CIKX 106.5 ON Owen Sound lcl NX-Georgian Bay fishing 259  
20 Tr  
From Owasso OK (In Mother-in-law's driveway-1988 Dodge Caravan  
Infinity II FM car radio/antenna):  
1140 KYCM 105.7 OK Healdton ID/ads 168  
1145 KNTU 88.1 TX Denton j/ID 223  
1154 KCBI 90.9 TX Dallas g/vx/INS NX 247  
1202 KWFC 89.1 MO Springfield ID 157  
1204 KMUW 89.1 OK Wichita Severe wx alert 128  
1206 KJFK 105.1 OK Perry ID 80

23 GW

Near Erie PA (on I-90):

1645 WRKT 100.9 PA Northeast ID-Erie (ex-WHYP New Owner?) 10

24 Tr

From Clay NY:

0058 CFJB 95.7 ON Barrie "Rock 95 FM" (lcl WAQX off) 197

25 Tr

2159 WGNM 97.7 NY Big Flats EZL (New On-air) 80

27 GW

2057 WNYR 98.5 NY Waterloo Variety Music (New On-air) 40

Totals now up to 1425. Enjoyed hot-weather Tropo CX in OK in April. It brought back memories of my AR/OK/TX/NH DXing in 1961-1968 era. "Dead Air" WHYP-100.9 finally bit the dust? Hope you all are ready for this year's Es season. Good DXing. 73-Fred.

BILL KRETSCHMER - 104 KOPP AVENUE - NORTH SYRACUSE, NEW YORK 13212

**EQUIPMENT:** Yamaha TX900 tuner, 2 CM Stereo Probe 9's stacked 31 and 38 ft AGL, Microwave filter traps 5KV 93.1 and 5KV 94.5

APRIL 1989

19 GW

1030 WNYR 98.5 NY Waterloo, live A/C, Winner 98.5

22 GW and TrS

0012 WNYJ 98.3 NY Rotterdam, Transtar Oldies Channel // WSEN 92.1

1048 WGAY 99.5 DC Washington, "EZ", WJBR mix

1100 WGMM 97.7 NY Big Flats, "EZ", CHTZ mix

1200 WBRV 101.3 NY Boonville

I hope all members and their families had a great Memorial Holiday! Last month I erected 2 Channel Master Stereo Probe Nine's stacked at 31 and 38 feet AGL. The sensitivity is slightly better and DEEP NULLS are occurring. Example: Now able to hear WNYJ 98.3 (140 mi ESE); deep nulls wash out WPCX translator (5 mi S) and CFLY (80 Mi NNW). When WNYJ fades away others are non-existent. Hoping to catch WDAQ Danbury, Ct. and WHAI Greenfield, Ma. Also Jan 89 VUD FCC FM news lists 97.7 Big Flats as WNRB; it's WGMM. It's too bad the FCC allowed the "Docket 80-90" ruling to be passed. WNYR just began transmitting and 96.7 Oswego will soon follow.

73's Bill

On the next page: Ralph Strobel of Muncie, Indiana hears the March 13 Au/Es and many meteor bursts!

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh FM Tuner - CM Stereo Probe 9 Antenna - Wintertime is EST here.

February 1989

6 tr  
0100 WXYB 89.3 MI Zeeland, g\$ 185  
10 MS  
0224 WDCD 101.1 DC Washington, 454  
"....DC-101..."  
12 MS  
0218 KMZU 101.1 MO Carrollton, 434  
"....KMZU and sweethearts of the rodeo  
in an old Beatles hit, believe it or  
not, there...."  
19 MS  
2343 KOSI 101.1 CO Denver, 1040  
"...KOSI..."  
20 tr  
0023 WKXF 105.7 KY Eminence, "Kix-106" 125  
r\$, mixing w/WTLC Indy, (Many ads for  
Eminence, Shelbyville, Louisville, etc.)  
20 MS  
0302 WRR 101.1 TX Dallas, 814  
"...We have light fog. It's drizzling  
in Fort Worth and..."

March 1989

2 MS  
0227 KLOL 101.1 TX Houston, 915  
"...KLOL..."  
4 MS  
0127 KLOL 101.1 TX Houston, 915  
"...2 Minus One coming up later on...  
on 101-KLOL. On the way, Hendricks, Skid  
Row, Joe Walsh, and fresh rock and roll  
from Paul Dean. I'm not a doctor, but  
if I were..."  
6 MS  
0156 WRR 101.1 TX Dallas, 814  
"...WRR..."  
8 MS  
0035 KTEZ 101.1 TX Lubbock, 1017  
"...K-Lite 101.1..."  
13 Au  
1800 KEYI 103.5 TX San Marcos-Austin, 1005  
(A DX record)  
1853 WZLZ 103.5 SC Charleston, k 592  
(See comments below)

13 Es

1950 CBAF 88.5 NB Moncton, //88.1 1110  
1950 CBAF 88.1 PE Charlottetown, FF 1195  
2030 WHCF 88.5 ME Bangor, wx, g\$ 904  
2224 WKSQ 94.5 ME Ellsworth, ads, \$ 916  
2300 WBUR 90.9 MA Boston, c\$ 758  
2300 WGBH 89.7 MA Boston, j\$ 758  
16 MS  
0040 KTEZ 101.1 TX Lubbock, 1017  
"...KTEZ..."

(In this report, ??? means that I was asleep, with findings on reel to reel tape) weather, severe thunderstorms...  
comments: I had just discovered the aurora on March 13th, when my phone rang. It was DXer Andy Bolin from Charleston, IL. He told me to turn my antenna west and tune to 103.5. To my amazement, we both had KEYI San Marcos-Austin, TX. I heard "Key-104" and Austin mentioned. Andy was hearing stations from Corpus Christi, San Antonio, Austin, etc. Usually stations that far south are never heard by au. I didn't have much luck, but turned my antenna east and logged 103.5 WZLZ "The Weazel," with ads for Charleston, SC. Then E-skip was soon found. I had some reports by E-skip, but didn't bother to include them in this report. 73- Ralph

March 1989 (cont'd):

23 MS  
1016 KVNE 89.5 TX Tyler, 773  
"....This is KVNE Total Christian  
Radio - 52 degrees...."  
25 tr  
0200 WMEV 93.9 VA Marion, k\$ 315  
0358 WRJT 107.1 TN Monterey- 280  
Cookeville-Crossville, r\$  
0417 WKSI 98.7 NC Greensboro, r\$ 416  
"Kiss-FM"  
26 MS  
0125 KMZU 101.1 MO Carrollton, 434  
"....KMZU's weather has been  
brought to you by...."  
April 1989  
5 MS  
0240 WRR 101.1 TX Dallas, 814  
(A 1 min. 35 sec. burst w/fem. DJ  
announcing selections of c\$ music)  
7 MS  
2211 KFAN 101.1 TX Fredericksburg, 1020  
"...FAN..."  
2340 KMZU 101.1 MO Carrollton, 434  
"...in Chillicothe..."  
8 MS  
0040 KLOL 101.1 TX Houston, 915  
"...at KLO..."  
12 MS  
1257 KOSI 101.1 CO Denver, 1040  
"...KOSI..."  
20 MS  
???? WRR 101.1 TX Dallas, 814  
"...Highs Friday in the....  
DFW International Airport..."  
???? WRR 101.1 TX Dallas, 814  
"...seven Dallas area..."  
26 MS  
0047 KFAN 101.1 TX Fredericksburg, 1020  
"....From the 50's to the 80's  
on San Antonio's FM..."  
2335 KLOL 101.1 TX Houston, 915  
"...KLOL..."  
27 MS  
???? WRR 101.1 TX Dallas, 814  
"...In Dallas...international wildlife  
park...the Dallas-Fort Worth tourism  
council for a free visitors guide..."  
28 MS  
1114 KWOX 101.1 OK Woodward, 802  
"...message from the Oklahoma  
highway safety office..."  
29 MS  
0004 WRR 101.1 TX Dallas, 814  
"...in Dallas-Fort Worth area

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

## MARCH 1989

16 TrS  
2210 WPTW 95.7 OH Piqua, b - wx report for upper Miami Valley

18 TrS  
1637 CHRW 94.7 ON London, talk on Western University, still 50 watts  
1640 WFBQ 94.7 IN Indianapolis, ads and 95-Q ID  
1642 WSNY 94.7 OH Columbus, ads and Sunny-95 ID  
1830 WWSN 107.7 OH Dayton, Star 107.7 WSN ID  
1850 WZMM 107.5 WV Wheeling, r - Z-107 ID

19 AU & TrS  
0430 WJCH 91.9 IL Joliet, g - Family Radio, WJCH ID. AU lasted only about an hour  
0500 WXYB 89.3 MI Zeeland, g  
0512 WKLO 94.5 MI Holland, r - 95-KLQ ID  
1325 WBYR 98.9 IN Fort Wayne, r - Fort Waynes' Bear  
1330 WMUS 106.9 MI Muskegon, 107 MUS ID - mixing with CIXX  
1335 WMRN 106.9 OH Marion, k - American Country Countdown pgm  
1400 WJIM 97.5 MI Lansing, b - seldom heard because of CKO which was having problems (at about half power)  
1759 WVNO 106.1 OH Mansfield, r - Light Rock 106 ID atop CKLA

22 TrS  
1834 WCSY 98.3 MI South Haven, ads  
1857 WELA 104.3 OH East Liverpool, k - weak under WQMC  
1912 [WBZZ] 93.7 PA Pittsburgh, r - B-94 ID, last logged as WJOI  
1959 WDUQ 90.5 PA Pittsburgh, c - ID

23 TrS  
1808 WRKR 107.7 MI Portage, r - strong

24 TrS  
1405 WXXI 91.5 NY Rochester - seldom heard, good with AP News, wx rpt  
1505 WMBI 90.1 IL Chicago, g

25 Tr/TrS  
0038 WKKI 94.3 OH Celina, r - K-94 IDs  
0117 WXBO 96.9 TN Bristol, k, wx for Tri-cities, strong  
0211 WHAJ 104.5 WV Bluefield, r - All Hit Radio or J-104 FM IDs, atop WQKT  
0336 WSLQ 99.1 VA Roanoke, r - Q-99 ID, with CKO2, state # 28  
0343 Unid 99.1 ?? Unid mixing with WSLQ/CKO2 several times during an hour of listening, k and ID as the New 99.1 K, maybe WKNN in MS?

27 TrS  
0111 WAZY 96.5 IN Lafayette, r - Z 96½ ID  
1335 WMBI 90.1 IL Chicago, g - seems to show up most every day, most reliable Chicago stn here

1849 WQIO 93.7 OH Mount Vernon, ID - mixing with WJFM

31 TrS  
1754 WBVE 96.5 OH Hamilton, k - Beaver 96½ ID, poor

EQUIPMENT: Icom R7000 - Creative design CLP 5130-1, log periodic at 28' with rotator.

March was just so so. Caught a short lived AU opening on the 19th and a nice Tr opening on the 25th. Hoping to soon put up a Stereo Probe 9 or two to help with the weak Tropo.

73s - *aff*

June is here, and that means skip! June is usually one of, if not, the best month for E-skip, so keep tuned to your TV and FM. If you get skip, or any other propagation, report it to your DX column!

*KJAZZ*  
227PM  
1131 HARBOR BAY PARKWAY  
ALAMEDA, CALIFORNIA 94501

## WELCOME NEW REPORTER!!

MARK STRICKERT - 3852 N. OCONTO - CHICAGO, ILLINOIS 60634

## APRIL 1989

## 26 Tr

1030 WLCS 98.3 MI Muskegon, Classic Rock WLCS then classics like "Every Time I Think Of You"/The Babys. Strong to 1035, then faded under WFMR to 1052. Legal ID "WLCS North Muskegon - Roosevelt Park" at 1054.  
note: No sign of semi local WCCQ  
1035 WFMR 98.3 WI Menomonee Falls, faded in over WLCS, strong by itself 1040-1050. Classical mx (Mozart Piano Concerto #16), ment. WFMR 98.3 and 104.9 on the East Side (translator on the old 96.5 tower, back when that freq. was WFMR?!?), spot for "John Byron" restaurant, then back to music. Faded to nothingness by 1052. Last heard in 1979, as WZMF.

EQUIPMENT: Panasonic FW18, with built-in whip, at work. Would be a great location, 12.5 miles from downtown, 6 floors up with a north view, but being work I can't have sophisticated DX equipment. The FW18 is decent enough though...will let me sneak in stations on freqs. adjacent to the big bad downtown locals, when they're in at all. The WLCS was odd, if only because NOTHING else in Muskegon/Grand Haven/Holland/etc (and only one in Grand Rapids - the obvious one, WJFM). All the trop was due north, normal for springs here, yawner since that means lots of the usual Milwaukee and little else. Take Care - Mark.

## REPORT TO NORTHERN FM DX

ROBERT S. ROSS VE3JFC - BOX 4373 STN C - LONDON, ONTARIO N5W 5J2

Receivers: Vikings SC5813, Marante 2226, Antenna: Beam

## JANUARY 1989

## 29 Tr

1542 WZOO 102.5 OH Ashtabula, All Hit 102-Zoo, wx for Ashtabula

## MARCH 1989

## 26 Tr

1334 WMYJ 97.9 PA Edinboro, ID "WMYJ your FM Y98" DJ was Dave Adams

## APRIL 1989

## 3 Tr

1819 WCUC 91.7 PA Clarion, ID into 70's rock music  
2125 CIXX 106.5 ON Owen Sound, Car adv in "Meaford", Stereo K-106.5, Spot for Dream-on Contest

## 11 Tr

1906 WFBG 98.1 PA Altoona, ment. Altoona, calls, ads, promo, rock mx  
2009 WMCE 88.5 PA Erie, (?-9c) DJ IDs WMCE - Classic Rock and C-Rock Ph# 825-0261, wx, new stn on air as of Feb. 350 Watts from Mercyhurst College in Erie.  
2210 [WRKT] 100.9 PA North East, Continuous Beatles music with taped IDs. I called to see that was going on. They sold stn (WHYP-FM) to new owner. AM remains WHYP. Only playing Beatles music until they decide on format. WRKT only on for about a week (They were that when I was in Erie April 1, so they must have just changed when I got them then.-9c)

STATION NEWS: WHYP 100.9 in North East, Pa. has changed calls to WRKT. They have been heard by me playing only Beatles songs. But according to Robert Ross that is only temporary until a new format is found (see his report). 102.5 in Edgewood/Ashtabula, Ohio is on as WZOO, "102 Zoo". Also, Robert Ross reports WMCE 88.5 in Erie, Pa is on the air with classic rock. As of April 1, WCOS 97.9 in Columbia, SC had not moved to 97.5. New on the air: WBRV 101.3 Boonville, NY, WGMM 97.7 Big Flats, NY (E2L), and WNYR 98.5 Waterloo, NY (live a/c) (Thanks Bill Kretschmer!)

HARRY J. HAYES - 9 HENRY STREET - WILKES-BARRE, PENNSYLVANIA 18702

**EQUIPMENT:** Superradio II antenna, homemade FM double quad loop. Facing north window.

MARCH 198913 Au, Es

1857 WKGC 96.9 Don't know location or if this call is accurate but hrd on Au w/ k mx and "Country 96" (This could be the new WKTC in Tarboro, North Carolina-nc)

The following all Au induced Es

2043 KLDZ 95.1 NE Lincoln, Lincoln's One and Only Oldies Channel

2239 KNEN 94.7 NE Norfolk, w/ketchup giveaway at Nebraska Appliance Store

2248 KWDA 95.1 MN Worthington, "KO-95"

2250 KGLI 95.5 IA Sioux City, "KG-95"

2250 KRIT 96.9 IA Ft. Dodge, RR w/ID and weather

2300 KWAY 99.3 IA Waverly, mention of Northeast Iowa

The weather seems to be finally warming up here which hopefully means some troops are in the future. The 3/13 event was the best such forme since AU set off Es way back on 10/16/70. I did note some visual AU through the clouds also on that Monday night. Beginning my 20th FM season now with 733 in the log book. Not that impressive, I know, but I like to DX slow and enjoy it, hi! 73s

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221  
DX IN CLARENCE, NEW YORK

**EQUIPMENT:** Same as in May VUD

APRIL 198929 TrS

1358 WJGM 103.7 NJ Atlantic City, 104MGM, o/WQNY/WCKK mix 330

30 TrS

1125 WSNY 94.7 OH Columbus, wx, Calls and "Sunny 95" slogan, a/c 305

MAY 19895 Es

2120 MUF 90.1

7 Es

1230 MUF 90.7

7 TrS

1549 WOMP 100.5 OH Bellaire, r, "100.5 Womp FM" 234

LOCAL WNED 94.5 OFF AIR - FREAK SNOW/ICE STORM! (YES, ON MAY 7!)

1945 WYYY 94.5 NY Syracuse (GW), Casey's Top 40, Y-94-FM 131

1954 WWSW 94.5 PA Pittsburgh, all oldies, "3WS" slogan 191

2000 WCHR 94.5 NJ Trenton, legal ID and address just over WYYY 280

2001 WLT 94.7 MD Bethesda, "W-Lite", legal ID w/Washington 290

2022 unID 94.5 to the west, not WCEN, ad for Century 3 Dealer

2039 WCEN 94.5 MI Mount Pleasant, k, in good for distance 302

9 TrS

1649 WINC 92.5 VA Winchester, local ads, including one mentioning

Routes 15 and 29 in Culpeper, o/WBEE/WDJQ/unID r station 265

Not much DX, except for some above average troposcatter, and a few weak skip openings. Hopefully by the time you read this skip will have picked up. On May 7, Buffalo got 7.9 inches of snow (No, it is not normal for it to snow in Buffalo in May!). We ended up having more snow in May than in January!! The NWS is setting up a weather station right here in Clarence. I will likely attend this year's convention in August in Syracuse; hope to see many of you there!

Thanks to the following people for sending logs: Bill Kretschmer, Joe Fela, Larry Fuss, Matt Sittel, and Bill Nienajady.

STATION NEWS: WNYJ 98.3 in Rotterdam, NY is on with Transtar Oldies Channel. No sign of WFBF 89.9 Buffalo (although there is a listing in the Yellow Pages, just an answering machine though) or CJBC 90.3 Toronto. The latter is expected on soon.

73, Greg

WELCOME NEW REPORTER!!

CHARLES GAUTHIER - 3260 BEAULIEU - BROSSARD, QUEBEC J4Z 2P7

**BANDSCAN:** Brossard, Quebec

87.7 CBMT-6 Montreal, PQ  
88.1 CBF8 Trois-Rivieres, PQ  
89.5 WVPR Windsor, VT  
89.5 WSLU Canton, NY  
90.3 CKUT Montreal, ON  
90.9 WSLO Malone, NY  
92.1 CJDM Drummondville, PQ  
92.5 CJQR Montreal, PQ  
92.9 WEZF Burlington, VT  
93.5 CBM Montreal  
93.9 CFMO Ottawa, ON  
94.3 CKMF Montreal  
94.9 WHOM Mount Washington, NH  
95.9 CJFM Montreal  
96.9 CKOI Montreal  
97.7 CHOM Montreal  
98.5 CIEL Longueuil, PQ  
98.9 WQCR Burlington, VT  
99.1 CFNJ Joliette, PQ  
99.5 CIME Ste-Adele, PQ  
99.9 WGF8 Plattsburgh, NY  
100.7 CBF Montreal  
101.1 CBF10 Sherbrooke, PQ  
101.7 WRFB Stowe, VT  
101.9 CHAI Chateausuay, PQ  
102.3 CINO Montreal  
102.7 CITE1 Sherbrooke, PQ  
103.1 CHAA Longueuil, PQ  
103.5 CKRK Kanawake, PQ

103.7 WZPK Berlin, NH  
104.3 CBF1 Trois-Rivieres, PQ  
104.5 CIBL Montreal  
104.9 CJLA Lachute, PQ  
105.3 CKBY Ottawa, ON  
105.7 CFGI Laval, PQ  
106.1 CIMO Masos, PQ  
106.5 CFEI St-Hyacinthe  
106.7 WIZN Vergennes, VT  
106.9 CKOI Ottawa  
106.9 CBM? Trois Rivieres, PQ  
107.3 CITE Montreal  
107.9 WVPS Burlington, VT



**Equipment:** JVC RX150BK Digital Synthesizer receiver, Radio Shack 40 element VHF/UHF/FM outdoor antenna at 37 feet above ground, homemade trap cut for 96.9 Mhz.

I'm sending you my first contribution to Northern FM DX (Welcome to NFMDX!-gc), which is bandscan from my Brossard location (73 deg 28 min / 45 deg 28 min). I have bought a new radio which is a JVC RX-150BK Digital synthesizer receiver and it's working great! I hope to send a DX report soon. I really liked your bandscan printings and it also helped me identify some of the stations you'll find on the next page (since I'm waiting for the new FM Atlas). With 11 strong locals, the frequencies left for DX are reduced, and sometimes jammed by those locals (especially CKOI 96.9 with 307,000 watts!!!) But now, results are better with the digital receiver. I also connected a homemade trap to null CKOI. But overall, I'm quite satisfied with this receiver. That's it for now.

Soixante-Treize  
(73)

Charles



WJDQ RADIO  
P. O. BOX 5314 MERIDIAN, MS 39302



ALL-TIME FM DISTANCE RECORDS

FM STATISTICS

JULY 1969

MHZ PR CALL STATE/LOCATION DIST DEER-LOC

|       |    |       |                   |      |        |
|-------|----|-------|-------------------|------|--------|
| 88.10 | ES | WCRP  | PR GUAYAMA        | 2280 | DBU OK |
| 88.10 | TR | KSBJ  | TX HUMBLE         | 685  | FPU AL |
| 88.10 | MS | KITX  | TX LURBOCK        | 1146 | FREZCH |
| 88.10 | AU | CBAPZ | PE CHARLOTTETOWN  | 788  | DNI NY |
| 88.30 | EX | WINN  | IN EVANSVILLE     | 1876 | JJE CA |
| 88.30 | TR | KBRW  | TX BROWNSVILLE    | 926  | CHD1FL |
| 88.30 | MS | W8H   | LA NEW ORLEANS    | 1109 | DNI NY |
| 88.30 | AU | W8R   | NY SYRACUSE       | 670  | ABO IL |
| 88.40 | ES | T8RT  | GU GUATEMALA      | 1136 | GHA TX |
| 88.50 | ES | W8F   | NE BANGOR         | 1955 | POY TX |
| 88.50 | TR | W8F   | FL TAMPA          | 904  | POY TX |
| 88.50 | MS | WFD0  | NC WINSTON-SALEM  | 1161 | GHA TX |
| 88.50 | AU | W8U   | DC WASHINGTON     | 932  | JEB NH |
| 88.70 | ES | KUHF  | TX HOUSTON        | 2001 | MNI BC |
| 88.70 | TR | W8T   | IL EDWARDSVILLE   | 561  | BEZLNM |
| 88.70 | MS | W8A   | MI MADISON        | 1800 | GHA TX |
| 88.70 | AU | W8A   | MI MADISON        | 684  | FNC ND |
| 88.80 | ES | T8RT  | GU GUATEMALA      | 6140 | FND NY |
| 88.90 | ES | W8A   | NC RALEIGH        | 2069 | FAD1ID |
| 88.90 | TR | W8H   | TN CHATTANOOGA    | 846  | BEZLNE |
| 88.90 | MS | W8S   | DC WASHINGTON     | 932  | JEB NH |
| 88.90 | AU | W8U   | TN CHATTANOOGA    | 745  | FND NY |
| 89.00 | ES | Y8RI  | ES SAN SALVADOR   | 1246 | POY TX |
| 89.10 | ES | KFAE  | WA RICHLAND       | 1620 | POY TX |
| 89.10 | TR | W8T   | FL GAINESVILLE    | 978  | POY TX |
| 89.10 | MS | W8N   | LA NEW ORLEANS    | 1109 | DNI NY |
| 89.10 | AU | KULM  | MS WICHITA        | 651  | RBR MI |
| 89.20 | ES | W8T   | TRANTAPICO        | 974  | G8R2CA |
| 89.30 | ES | W8J   | IL E MOLLINE      | 1566 | JJEZCA |
| 89.30 | TR | W8C   | FL PENSACOLA      | 808  | RBR MI |
| 89.30 | MS | W8W   | MI CHILTON        | 1168 | GHA TX |
| 89.30 | AU | W8L   | IN NORTHFIELD     | 712  | SCH OH |
| 89.40 | ES | T8D   | GU GUATEMALA      | 1168 | GHA TX |
| 89.50 | ES | W8F   | PA HERSEY         | 1451 | POY TX |
| 89.50 | TR | K8M   | IN PORTALES       | 966  | JRY TN |
| 89.50 | MS | K8M   | IN PORTALES       | 1072 | RST IN |
| 89.50 | AU | W8N   | CT BRIDGEPORT     | 798  | ABO IL |
| 89.60 | ES | T8D   | GU GUATEMALA      | 1136 | GHA TX |
| 89.70 | ES | W8F   | FL TAMPA          | 2386 | JJEZCA |
| 89.70 | TR | W8U   | FL MIAMI          | 1155 | POY TX |
| 89.70 | MS | K8C   | TX DENNISON       | 1131 | LVO VA |
| 89.70 | AU | W8B   | MA BOSTON         | 914  | ABO IL |
| 89.90 | ES | W8C   | FL JACKSONVILLE   | 1623 | FNC ND |
| 89.90 | TR | W8T   | FL JACKSONVILLE   | 1619 | GHA TX |
| 89.90 | MS | W8S   | WI BRULE          | 985  | LVO VA |
| 89.90 | AU | W8U   | WI BRULE          | 496  | FNC ND |
| 90.00 | ES | Y8R   | ES SAN SALVADOR   | 1233 | GHA TX |
| 90.10 | ES | KPPT  | TX HOUSTON        | 2001 | MNI BC |
| 90.10 | TR | KPPT  | TX HOUSTON        | 848  | JCO FL |
| 90.10 | MS | K8H   | IL CHICAGO        | 1063 | GHA TX |
| 90.10 | AU | K8J   | IN COLLETSVILLE   | 766  | SCH OH |
| 90.30 | ES | K8J   | TX CORPUS CHRISTI | 1198 | FND NY |
| 90.30 | TR | K8D   | TX CORPUS CHRISTI | 0    |        |
| 90.30 | MS | W8L   | MI HOLMEN         | 1091 | GHA TX |
| 90.30 | AU | W8L   | IN FT WAYNE       | 704  | FNC2ND |
| 90.50 | ES | W8C   | TN COLLETSVILLE   | 2857 | JJEZCA |
| 90.50 | TR | W8R   | MI E LANSING      | 931  | RMO LA |
| 90.50 | MS | K8C   | MO HARRVILLE      | 985  | FND NY |
| 90.50 | AU | W8A   | MS HALTFOUR       | 1826 | FREZCH |
| 90.70 | ES | K8H   | MO ST LOUIS       | 1675 | JJEZCA |
| 90.70 | TR | K8D   | NE OMAHA          | 982  | DNI NY |
| 90.70 | MS | W8L   | FL W PALM BEACH   | 1130 | DNI NY |

MHZ PR CALL STATE/LOCATION DIST DEER-LOC

|       |    |       |                  |      |        |
|-------|----|-------|------------------|------|--------|
| 90.70 | AU | W8U   | MO ST LOUIS      | 830  | JFE NJ |
| 90.90 | ES | K8W   | MO WARRENSBURG   | 1534 | JJE CA |
| 90.90 | TR | K8U   | IA CEDAR FALLS   | 828  | FND NY |
| 90.90 | MS | W8X   | AT EDMONTON      | 1170 | JJEZCA |
| 90.90 | AU | K8U   | IA CEDAR FALLS   | 589  | FNC ND |
| 91.10 | ES | J8C-2 | JAMCOOPER'S HILL | 1950 | JPI NH |
| 91.10 | TR | W8N   | FL JACKSONVILLE  | 1013 | GHA TX |
| 91.10 | MS | K8J   | IN ST PAUL       | 1123 | GHA TX |
| 91.10 | AU | K8J   | IN ST PAUL       | 739  | DNI NY |
| 91.30 | ES | W8R   | PR SAN JUAN      | 1086 | CHD OH |
| 91.30 | TR | W8S   | FL MIAMI         | 1148 | GHA TX |
| 91.30 | MS | K8A   | AT DRUMHELLER    | 1055 | JJEZCA |
| 91.30 | AU | W8Y   | NY SYRACUSE      | 820  | RBR MI |
| 91.50 | ES | R8R   | JAMBOACRESSA     | 1950 | JPI NH |
| 91.50 | TR | W8U   | FL TALLAHASSEE   | 1611 | POY TX |
| 91.50 | MS | W8D   | MI SURING        | 829  | GHA TX |
| 91.50 | AU | W8I   | NY TROY          | 512  | FNC MI |
| 91.70 | ES | K8M   | IN NORTHINGTON   | 1457 | JPI NH |
| 91.70 | TR | X8L   | NL MONTEREY      | 1101 | CHD1FL |
| 91.70 | MS | K8S   | OK STILLWATER    | 870  | FNC ND |
| 91.70 | AU | W8U   | IN NORTHINGTON   | 861  | DNI NY |
| 91.90 | ES | W8U   | IL CARBONDALE    | 1740 | JPI1CA |
| 91.90 | TR | W8U   | IL CARBONDALE    | 791  | GHA TX |
| 91.90 | MS | W8H   | MI WAUSAU        | 1012 | RMO LA |
| 91.90 | AU | W8U   | IL CARBONDALE    | 741  | FNC2ND |
| 92.00 | ES | X8B   | TANCO VICTORIA   | 873  | G8R2CA |
| 92.10 | ES | C8J   | AT CALGARY       | 1765 | DNI NY |
| 92.10 | TR | C8Y   | MS WINNIPEG      | 842  | RBR MI |
| 92.10 | MS | W8A   | GA JACKSON       | 929  | RAE IA |
| 92.10 | AU | W8E   | IL SUN PRAIRIE   | 250  | ABO IL |
| 92.15 | ES | C8B   | CU HABANA        | 1299 | G8R2CA |
| 92.30 | ES | W8D   | FL DALRAMBO      | 1743 | FNC ND |
| 92.30 | TR | W8D   | FL ORLANDO       | 1038 | GHA TX |
| 92.30 | MS | W8L   | IL MONTGOMERY    | 1064 | JEBZHN |
| 92.30 | AU | K8D   | OR PORTLAND      | 1017 | FNC ND |
| 92.50 | ES | K8X   | MI HAYNE         | 1541 | BCO NY |
| 92.50 | TR | W8Y   | FL KEY WEST      | 1089 | POY TX |
| 92.50 | MS | K8F   | TX DALLAS        | 1466 | JJE CA |
| 92.50 | AU | W8E   | OH TOLEDO        | 749  | FNC2ND |
| 92.70 | ES | W8C   | FL STUART        | 1583 | BEZLNM |
| 92.70 | TR | K8K   | TX KINGSVILLE    | 933  | CHD1FL |
| 92.70 | MS | W8U   | MI WALPACA       | 431  | PSR DN |
| 92.70 | AU | K8K   | NE O'NEILL       | 425  | FNC MI |
| 92.90 | ES | W8C   | IN DULUTH        | 1644 | JJE CA |
| 92.90 | TR | W8L   | AL MOBILE        | 891  | MNI BC |
| 92.90 | MS | K8Y   | TX SAN ANTONIO   | 1251 | CHD OH |
| 92.90 | AU | W8Y   | VT BURLINGTON    | 840  | ABO IL |
| 93.10 | ES | K8A   | TX EL PASO       | 1810 | MNI BC |
| 93.10 | TR | X8A   | TAMREYNDA        | 972  | CHD1FL |
| 93.10 | MS | K8B   | SD STURGIS       | 1183 | RMO LA |
| 93.10 | AU | W8D   | MI DETROIT       | 541  | JEB NH |
| 93.20 | ES | X8D   | NL MONTEREY      | 1205 | RBR MI |
| 93.20 | TR | X8D   | NL MONTEREY      | 274  | GHA TX |
| 93.30 | ES | K8I   | MO KANSAS CITY   | 1486 | JJEZCA |
| 93.30 | TR | W8L   | FL TAMPA         | 984  | POY TX |
| 93.30 | MS | K8R   | TX PORT ARTHUR   | 1195 | PSR DN |
| 93.30 | AU | W8B   | OH YOUNGSTOWN    | 689  | JEB NH |
| 93.50 | ES | K8C   | MS PARSONS       | 1459 | JJEZCA |
| 93.50 | MS | W8U   | MS CLINTON       | 937  | PSR DN |
| 93.50 | AU | W8H   | MI NEW LONDON    | 339  | ABO IL |
| 93.70 | ES | W8T   | PR SAN JUAN      | 2263 | RMO LA |
| 93.70 | TR | K8D   | TX HOUSTON       | 1104 | CHD OH |

MHZ PR CALL STATE/LOCATION DIST DEER-LOC

|       |    |     |                     |      |        |
|-------|----|-----|---------------------|------|--------|
| 93.70 | MS | W8N | MA LAWRENCE         | 1501 | RMO OK |
| 93.70 | AU | W8R | SD WINNER           | 682  | ABO IL |
| 93.90 | ES | K8L | CO COLORADO SPRINGS | 1635 | EEO MA |
| 93.90 | TR | W8S | FL MIAMI BEACH      | 1152 | GHA TX |
| 93.90 | MS | W8L | FL MIAMI BEACH      | 1386 | SCH OH |
| 93.90 | AU | W8L | FL MIAMI BEACH      | 830  | ABO IL |
| 94.00 | ES | K8T | NL MONTEREY         | 1382 | JEB NH |
| 94.10 | ES | K8K | VA CLARINGTON       | 1695 | TPL NY |
| 94.10 | TR | K8Z | AR LITTLE ROCK      | 1043 | FND NY |
| 94.10 | MS | K8D | TX BEAUMONT         | 1192 | PSR DN |
| 94.10 | AU | K8N | MS KANSAS CITY      | 881  | DNI NY |
| 94.30 | ES | K8F | CA SAN FERNANDO     | 1510 | DNI NY |
| 94.30 | TR | W8W | FL RIVIERA BEACH    | 1130 | GHA TX |
| 94.30 | MS | W8U | TN OAK RIDGE        | 1221 | FNC ND |
| 94.30 | AU | W8M | MS WINNIPEG         | 743  | RBR MI |
| 94.50 | ES | W8V | FL MARIETTA         | 1657 | FNC2ND |
| 94.50 | TR | K8T | TX HARLINGEN        | 934  | CHD1FL |
| 94.50 | MS | K8P | IN ST PAUL          | 1113 | POY TX |
| 94.50 | AU | W8V | VA RICHMOND         | 575  | RBR MI |
| 94.70 | ES | K8T | MO SPRINGFIELD      | 1569 | JJEZCA |
| 94.70 | TR | K8P | TX LULLING          | 919  | CHD1FL |
| 94.70 | MS | K8E | TX EL PASO          | 1073 | ABO IL |
| 94.70 | AU | W8T | NC RALEIGH          | 512  | FNC MI |
| 94.80 | ES | T8D | GU GUATEMALA        | 1136 | GHA TX |
| 94.90 | ES | W8Z | FL MIAMI BEACH      | 1940 | FNC ND |
| 94.90 | TR | W8Z | FL MIAMI BEACH      | 1152 | GHA TX |
| 94.90 | MS | W8C | GA DECATUR          | 1342 | FNC ND |
| 94.90 | AU | K8F | IA DES MOINES       | 680  | FNC ND |
| 95.00 | ES | T8F | IN HAMILTON         | 1374 | RBR MI |
| 95.10 | ES | K8D | CO COLORADO SPRS    | 1535 | MNI BC |
| 95.10 | TR | W8X | FL JACKSONVILLE     | 1013 | GHA TX |
| 95.10 | MS | W8L | MI MARINETTE        | 1146 | GHA TX |
| 95.10 | AU | K8C | MS WICHITA          | 651  | RBR MI |
| 95.30 | ES | W8A | VA PETERSBURG       | 1439 | FNC ND |
| 95.30 | TR | W8L | FL APOPKA           | 1829 | GHA TX |
| 95.30 | MS | W8N |                     | 0    |        |
| 95.30 | AU | K8D | ON HAMILTON         | 370  | SRE CT |
| 95.40 | TR | X8X | TRANTAPICO          | 491  | GHA TX |
| 95.40 | TR | X8X | FL FT PIERCE        | 1619 | FNC2ND |
| 95.50 | ES | W8V | TX CORPUS CHRISTI   | 0    |        |
| 95.50 | MS | K8C | MS DODGE CITY       | 1195 | JJEZCA |
| 95.50 | AU | W8E | NC HIGH POINT       | 604  | SCH OH |
| 95.70 | ES | W8D | PR RIO PIEDRO       | 1035 | DNI NY |
| 95.70 | TR | X8X | AR LITTLE ROCK      | 1043 | FND NY |
| 95.70 | MS | K8V | OK ARDMORE          | 1177 | DNI NY |
| 95.70 | AU | W8T | OH PICQUA           | 467  | FND NY |
| 95.90 | ES | K8H | MI FARBIAULT        | 1561 | JJEZCA |
| 95.90 | TR | K8L | MS RUSSELL          | 664  | GHA TX |
| 95.90 | MS | C8F | MO MONTICELLO       | 852  | ABO IL |
| 95.90 | AU | K8D | MI FARBIAULT        | 477  | FNC ND |
| 96.10 | ES | K8Z | ID IDAHO FALLS      | 1633 | MNI TN |
| 96.10 | TR | W8T | FL JACKSONVILLE     | 1216 | POY TX |
| 96.10 | MS | K8D | ID IDAHO FALLS      | 1024 | POY TX |
| 96.10 | AU | W8L | GA ATLANTA          | 568  | RBR MI |
| 96.30 | ES | W8B | IL CHICAGO          | 1842 | JJEZCA |
| 96.30 | TR | W8X | FL MIAMI            | 1125 | POY TX |
| 96.30 | MS | W8Y | FL MIAMI            | 1056 | ABO IL |
| 96.30 | AU | W8R | MI DETROIT          | 541  | JEB NH |
| 96.50 | ES | W8D | PR FAJARDO          | 1990 | ABO IL |
| 96.50 | TR | K8U | TX CORPUS CHRISTI   | 967  | RBR MI |
| 96.50 | MS | K8U | TX CORPUS CHRISTI   | 1166 | RBR MI |
| 96.50 | AU | W8C | CT HARTFORD         | 565  | FNC MI |

MHZ PR CALL STATE/LOCATION DIST DEER-LOC

|       |    |     |                  |      |         |
|-------|----|-----|------------------|------|---------|
| 96.70 | ES | K8L | ON KITCHENER     | 1438 | JPI NH  |
| 96.70 | TR | W8D | OH DOSTORIA      | 581  | BEZLNM  |
| 96.70 | MS | W8N | 0                | 0    |         |
| 96.70 | AU | W8L | IL JOLIET        | 347  | JEB NH  |
| 96.90 | ES | W8W | TX MCALLEN       | 1463 | BEZLNM  |
| 96.90 | TR | W8K | FL FT MYERS      | 1037 | POY TX  |
| 96.90 | MS | W8K | FL FT MYERS      | 959  | RST IN  |
| 96.90 | AU | W8P | NL ATLANTIC CITY | 785  | STO IN  |
| 97.10 | ES | W8D | GA GAINESVILLE   | 2040 | JJEZ CA |
| 97.10 | TR | W8B | LA NEW ORLEANS   | 863  | RBR MI  |
| 97.10 | MS | K8H | AR CAMDEN        | 1076 | SCH OH  |
| 97.10 | AU | W8M | MI SPARTA        | 591  | FNC MI  |
| 97.30 | ES | W8D | FL MIAMI         | 1596 | BEZLNM  |
| 97.30 | TR | K8Z | TX SAN ANTONIO   | 1183 | RBR MI  |
| 97.30 | MS | K8F | MS GREEN CITY    | 1240 | SCH OH  |
| 97.30 | AU | K8M | IA DES MOINES    | 782  | SCH OH  |
| 97.50 | ES | K8T | TX EL PASO       | 1070 | RSE NY  |
| 97.50 | TR | W8V | FL WINTERGARDEN  | 1827 | POY TX  |
| 97.50 | MS | K8T | TX EL PASO       | 1168 | ABO IL  |
| 97.50 | AU | W8D | MI WATERLOO      | 783  | ABO IL  |
| 97.70 | ES | C8F | CA VANCOUVER     | 1526 | JPI NH  |
| 97.70 | TR | K8V | TX KINGSVILLE    | 933  | CHD1FL  |
| 97.70 | MS | W8P | GA VIDALIA       | 829  | FND NY  |
| 97.70 | AU | W8M | PO MONTREAL      | 686  | RSE NY  |
| 97.90 | ES | K8T | FL PALMDALE      | 2066 | RSE NY  |
| 97.90 | TR | W8D | JA JALAPA BEACH  | 1142 | GHA TX  |
| 97.90 | MS | W8C | OH COLUMBUS      | 1000 | FNC ND  |
| 97.90 | AU | W8T | TX NASHVILLE     | 726  | SCH OH  |
| 98.10 | ES | W8T | OH CANTON        | 2000 | FND OR  |
| 98.10 | TR | K8R | TX LAREDO        | 1033 | CHD1FL  |
| 98.10 | MS | W8X | KY LEXINGTON     | 1100 | FNC ND  |
| 98.10 | AU | K8L | MO KANSAS CITY   | 549  | FNC2ND  |
| 98.30 | ES | C8Y |                  |      |         |





EXCLUSIVE FOR VUD FROM:  
Tom Bryant  
849 Todd Preis Drive  
Nashville, TN 37221



#### INTERNATIONAL INTRIGUE

**KJJB-TV** CHANNEL 4  
**YALEY CITY-FARGO, N.D.**  
100,000 WATTS

This unusual chain of events began in 1961 when KCND-TV began telecasting on channel 12 in Pembina, ND with a primary objective of drawing advertising dollars out of the half-million plus Winnipeg market [which had more people than the entire state to which KCND-TV was licensed]. The tower was situated directly on the US/Canada border 55 miles south of Winnipeg. One of the tower guy-lines was anchored just a few feet away from Canadian soil! Thanks to tabletop flat terrain, the station put a fair signal into most of the Metro Winnipeg area.

KCND-TV was an independent, but did manage one major coup d'etat! They carried the "Tonight Show" with Johnny Carson...never before seen in Winnipeg.

In spite of several programming innovations...including the first early-morning TV service in Winnipeg, the border station never did well in the metro ratings battle. After ten years on the air; a lot of red ink, and some bad breaks regarding Canadian advertising, the channel went dark and remained off the air for better than 10 years.

Shortly after KCND-TV bit the dust, CKND-TV (note the similarity in call letters) went on the air in Winnipeg. Interestingly enough a lot of the financial heavyweights who had backed KCND-TV were also behind CKND...to the extent that much of the old technical facility at Pembina was purchased by the new channel 9 group in Winnipeg.

Meanwhile, the ex-KCND-TV tower remained in place at the border; tower lights blinking, but no signal being transmitted...for another 10 years!

Eventually the tower (which was a part of the KCND/CKND deal) was dismantled and shortly afterward reassembled at Minnedosa, MB where it serves as the 'stick' for CKND-TV-2.

The final chapter to this entire bizarre affair is that after being dark for so many years, channel 12 in Pembina has been re-activated and is now KNRR-TV; a satellite of KVRR-TV in Fargo. There's a new tower at almost the exact location of the former KCND structure. There is also a new Winnipeg reception problem...adjacent channel interference from CHMI-TV (13) with transmitter near Elle, MB.

#### MORE CANADIAN CAPERS

In 1954, Winnipeg was the fourth largest city in Canada when CBWT hit the air on channel 4 with the first TV service in Manitoba. Less than a year after sign-on, CBWT moved to channel 3 (presumably to avoid fringe col from KXJB-TV in Valley City). In 1960, two more Winnipeg stations made their respective debuts. One was CBWFT, the rather benign CBC French operation on channel 6. The other was CJAY-TV on channel 7 (now CKY-TV), a formidable competitor for the CBC.

The CBC mulled over the logistics of channel positioning...realized that channel 6 was closer to the competition on 7 (and by now 12); and decided to swap channels for the English and French services. Consequently CBWT wound up on channel 6, and CBWFT was moved to channel 3. Thus the same call letters, CBWT, under the same ownership and in the same city of license have been authorized on three different lo-band VHF channels! Wonder if anybody managed to ID all three of the CBWT's?

# FM ANTENNA BUYER BEWARE!

Recently I decided to stop using my TV antenna (CHANNEL MASTER Crossfire) and go for a separate FM antenna (to be mounted on another mast away from the TV antenna) to get better FM dxing results on my SANSUI tuner. The Crossfires are good enough on the FM band but theory says an antenna cut for the 88 to 108 MHz range, rather than an 'all channel VHF' one cut mainly for 54 to 88 MHz and 174 to 216 MHz (the Crossfires main coverage). The 'conventional wisdom' among most of the 'experts' I see reporting to V.U.D. dx columns is that the CHANNEL MASTER FM 'stereoprobe' is the ultimate in dx arrays. Being that I am somewhat of a skeptic myself I decided to look into the situation. CHANNEL MASTERS antenna line is well made, and the TV models are usually of high quality with some of the best gain specs in the business. However, dxers please take note **THERE ARE OTHER ANTENNAS THAN CHANNEL MASTERS!!!!**

There really are not all that many different models of FM antennas on the market, say, compared to TV antennas. And because most people do not approach the FM band with the keen interest of the dxer they for the most part care less about what they're using to receive the 88 to 108 MHz FM broadcast range. Since I began my membership to W.T.F.D.A. I have not seen any V.U.D. construction articles for 'homebrewed' FM antennas, a surprise, since I KNOW many of our readers out there are experimenters! Perhaps club members like to keep their ideas to themselves, which is a shame. After about a year of reading up on FM antennas, I have concluded that there really have not been many innovations lately in the field, except for indoor models, which are basically NO GOOD for dxers because they lack the all important 'capture area', and often have very poor nulls. Many of them feature built in amplifiers which amplify noise as much as signals. Why people buy these things I'll never know, but as a good dxer SHOULD know there is just no substitute for a good signal grabbing 'sky hook'!!

After looking at all the articles in the VUD back issues that rave on and on about the CHANNELMASTER model 4408 Stereoprobe 9, I went to the library and found the JANUARY 1983 issue of AUDIO magazine, page 41, "11 OUTDOOR FM ANTENNAS ANALYZED." Let me tell you, do not take everything you read as 'gospel', even in AUDIO magazine. Though the test was performed by their vaunted reviewer Leonard Feldman I think it is flawed, like many such tests you'll find in the slick glossy hi-fi magazines. For one thing, their rating of the Stereoprobe 9 has got to be science fiction. Here's why. Compared to a dipole reference antenna (ie: one with zero db's of gain) they measured the peak gain on the Stereoprobe 9 to be 12.5 db. That had to surprise even the folks at CHANNELMASTER antennas, because even they had only claimed 9.5 db. Such a big difference indicates to me that something went wrong with the test. So you can appreciate why I have to be a skeptic when it comes to a magazine like AUDIO. No matter what its proponents want to say about the Stereoprobe 9, they should always remember that it is only a 9 element antenna, not 10 as some other top-of-the-line FM's are. Because of its four folded dipole design it really has no true rear reflector. Thus it does not have the best front to back ratio, important to have if you want the antenna to give the best performance under dxing conditions. I will not go so far as to say that you should not use a stereoprobe 9 for dxing, it does have about the best gain you can get from a single antenna. But if I was stacking antennas I wouldn't use stereoprobe 9's!

You may be surprised to know that the FM antenna sold now by RADIO SHACK in their nationwide chain of TOY STORES—sorry friends, that's what they really are—is actually a version of the ANTENNACRAFT GFM-6, an antenna that the AUDIO magazine test rated as having the highest front to back ratio of the antennas they chose to test. Its gain measured at 5 db though, and its beamwidth (sort of its 'field of view', think of it as the narrower the better) was the broadest of the antennas they tested. I believe both specs. Still, for the enthusiast on a real tight budget, a stacked pair of these RADIO SHACK cheapies might not be a bad idea. Better than rabbit ears anyhow!!

It turns out, from the ANTENNA NEWS column of the JUNE 1985 V.U.D., that the highly regarded Stereoprobe 9 only has 10 db's gain—a much more realistic spec compared to AUDIO magazine's numbers. If you really want to get the ultimate in single FM antenna specs you would have to special order the Blonder-Tongue (Cushcraft) YFM10, a wide spaced heavily constructed MATV/CATV antenna for the professional. Not many dxers would care to spend the kind of money this would cost, it's clearly not for home antenna use. If you want one look for a wholesale dealer in the yellow pages of your telephone book under "ANTENNAS-MATV", and good luck, because its not only tough to find a Blonder-Tongue dealer, this thing is a SPECIAL ORDER one of a kind item. The benefits are that it not only has 12 db of honest gain over a reference dipole, it has the kind of front to back specs (26 db!!!!) that CATV and MATV users demand at the top of their 300 foot towers! The secret of this antennas success is the wider spaced elements and heavier construction. You would need a heavy duty HAM-type rotor for it!!!!

My ultimate choice for the best single antenna turned out to be the Winegard CH6065. Not only did it have the same amount of gain as the CHANNEL MASTER Stereoprobe, but the front to back is better, and the side rejection is better too—it has a log periodic design, not a folded dipole yagi such as CHANNELMASTER. 'Try before U buy' is easy to do with FM tuners, but you can't do it with FM antennas. My advice to you, if you are looking for a FM dx antenna, is to remember that there other options out there. When I found that I couldn't get a Stereoprobe 9 unless it was special ordered, I still knew that CHANNEL MASTER was not the only game in town. Calling several dealers was an education itself, they'll tell you anything to get rid of substandard merchandise. One guy told me WINEGARD was out of the antenna business. I later found out it was just HIM that no longer handled WINEGARD. On and on it went, until I called a dealer who had a CH6065 gathering dust on the box due to a cancelled order. One fellow tried to tell me that NO-ONE built FM antennas anymore because indoor models had gotten so good! The moral of this story: BE SKEPTICAL! As long as people such as AUDIOPHILES continue to request this kind of item, they'll be manufactured. Like Jay Lenno says—they'll make more!