

Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

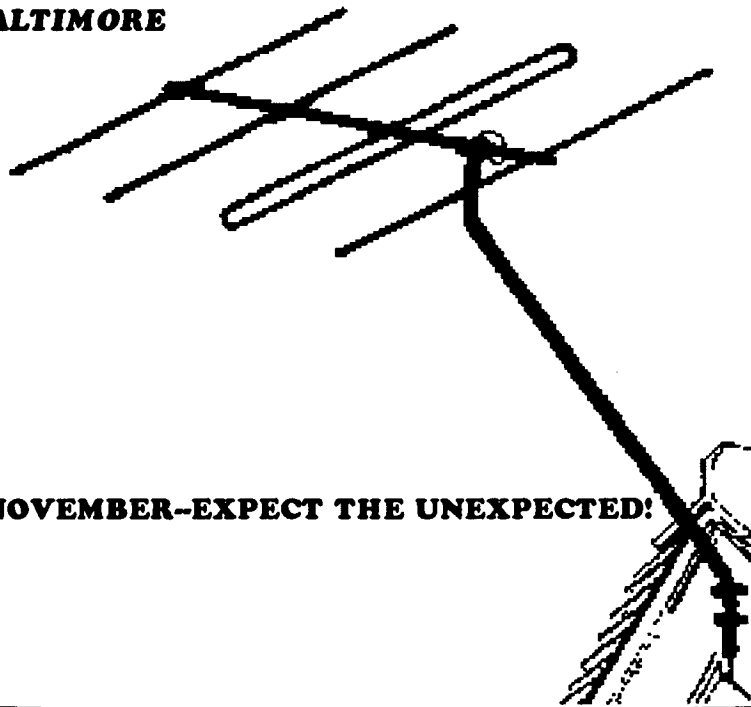
NOVEMBER 1999

**MORE AMAZING
SUMMER DX RESULTS**

**HAWAII: THE ULTIMATE
DX/TRAVEL DESTINATION?**

**THE BASICS OF
TROPIC DX PROPAGATION**

**TOWER TRAGEDY
NARROWLY AVERTED
IN BALTIMORE**



IT'S NOVEMBER--EXPECT THE UNEXPECTED!



WORLDWIDE TV-FM DX ASSOCIATION
PO BOX 501 - SOMERSVILLE, CT 06072



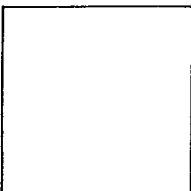
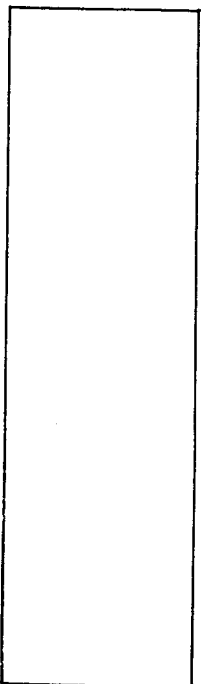
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WORLDWIDE TV-FM DX ASSOCIATION

Serving the VHF-UHF Enthusiast

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION. DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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FROM THE STAFF:

WANTED: **ETV DX Column Editor.** Russ Miller's resignation from this position has created an immediate need for a volunteer to assemble this important feature. Please apply to any member of the Board of Directors. This is an excellent time to assume a post of this nature as the reports are generally quite sparse at this time of the year. You'll get plenty of advice and support from other editors. Many thanks to Russ for his excellent handling of ETV DX...we all hope that sometime in the future he will find time to help WTFDA in yet another capacity.

APPOINTMENT: It's official...Tim McVey is WTFDA's new webmaster. A TN native, Tim has been involved with the club for a long time; and after globe-trotting his way to Warrenton, VA he's back into DXing and has also acquired a lot of web construction skills. Take a peek at his personal website at <<http://users.erols.com/tkmcvey/>>. The URL (address) for WTFDA's website will soon be changed to a slot on the ANARC server. That means that, for the first time, the club will have its own dedicated space. Look for changes soon. This column will keep you updated. Special thanks to our retiring webmaster David Austin. He gets credit for launching WTFDA's cyber-presence via almost three years of sharing his personal web page with the club.

NEW FEATURE: Mike Bugaj is the creator of an e-mail "reflector" dedicated to FM and TV DXing. Services of this ilk are also known as 'bulletin boards' and 'repeaters'. One of the nice features of this particular service is that you have the choice of either receiving postings as e-mail; or, as is the case with a lot of folks, avoid the extra mail accumulation by viewing the input *at your leisure* in a web page. Please check the "MAILBOX" feature in this issue for complete information. Over 60 TV/FM DXers are already participating. Here's a reminder that if you do not own a computer but would like to receive e-mail or view web content, many public libraries in the U. S. and Canada now offer internet access to the public.

"TV STATION GUIDE": This, upcoming publication which will be devoted to maps pinpointing TV transmitter locations throughout North America, has inadvertently been delayed. No date is set for release, but we think it's safe to say you'll have one well in time for the 2000 E-skip season.

2000 CONVENTION: August 11-13 at Whiteface Chalet near Lake Placid, NY. Host Peter George has details at this web address: <<http://welcome.to/lakeplacid2000>>. Please bookmark the URL and check the site from time to time. It will be updated.

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WTFDA MAILBOX

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THE FROST IS ON THE PUMPKINS-Nov '99



And not only that, it's all over my car, and on my car's windows. Somebody hand me the can of defroster. This is the time when TV and FM DXers usually start to go into hibernation. But not this year...we have something else to keep us busy. More about this later. A big thanks goes to the following people for renewing: Steven Chudoff, Dennis Smith, Saul Chernos, Fred Vobbe, Jeff Kadet, Paul Kinnaly, Kurt Nelson, Kenneth Burns, Steve Sprachman, Joe Gragg, Steve Solomon, Keith Short, James Snow and Wayne Benkinney. Glad to have everyone here as we stumble closer to the year 2000.

YOU HAVE MAIL! Ah, yes...words that are dear to the hearts of computer users. Announcing the arrival of the WTFDA EMAIL DX LIST, just for WTFDA members and invited guests. The WTFDA list is a super way to post DX alerts, buy/sell or trade equipment or whatever your heart desires, read original articles by such famous DXers as Bob Cooper, keep up on TV and FM station call and format changes, read up on new events in the radio world, receive special discounts on equipment from club members, discuss just about anything and maybe even have a contest or two! You don't have to wait until the next VUD arrives to keep up with what's happening in the club. You get it in today's email.

You can choose to receive individual messages, a daily digest of messages, or you can choose to view all of the messages on the Topica.com website (www.topica.com). If you have concerns about receiving too much email, viewing messages on the website is a great alternative.

You can subscribe in different ways. 1. You can email me and I'll do it for you, 2. You can send a blank email (nothing in the subject line or in the text area) and send it to: WTFDA-subscribe@topica.com, or 3. You can go to www.topica.com/lists/WTFDA, view our homepage on Topica and subscribe there. When you subscribe at our homepage on Topica you can select the method you want to view the daily messages. It's easy and 60 of your fellow members have already done it! Remember, it's your club, it's your list and it's YOUR PERK! Questions? Email me at either ikona@netcom.com or mbugaj@snet.net. Enjoy it!

NEW MEMBER CHECKS IN! Here is a note from Bill Smith in Douglas, MA. Bill writes: "I am not really an avid DXer. What I am is doing is getting rid of cable and getting some outside antennas up. I have fixed mounted a 14 element UHF yagi on Boston. Bought it at a flea market. I think it's one of those that the old pay TV station (maybe ch.27) used to use. Then I fixed mounted a 7 element. I have a large parabolic that I'm going to rotate. The parabolic was purchased about 25 years ago from RS. Largest one they had at that time. I'm going to refurbish it and rotate that for DXing. Hopefully, it's OK. For VHF I have a couple of old antennas. Hopefully I can clean them up too. I'm really interested in all kinds of DX from LW up to TV. I am a ham (WA1NYV) Tech plus license. I have DXCC on 10m SSB. Right now I'm mostly on 144mhz SSB. I have an egg beater up about 60 feet and have worked as far south as VA and north to NS. I was a member of the WTFDA a long time ago and got your address from Monitoring Times". (Well, Bill, make yourself right at home. It's nice to have another neighbor in the club - Mike).

ANYBODY WANT TO DX DIGITAL TV? Rick Shaftan received an email from George Fey at Hauppauge Computer which says the following: "Hello - WinTV-D (Model 697) is now available for the United States. See specification information which follows. This is the first of several digital TV products which will be released by Hauppauge Computer. MSRP on this model will be \$349. For a limited time it will be available directly from our sales department at just \$299 plus shipping charges. We accept Visa, Mastercard and Amex. Thank you. George Fey, Sales Dept." This is the card that Jeff Kadet uses in his computer to convert digital signals to analog. Now you can be first on your block to have one!

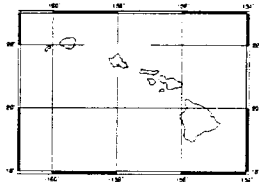
YOU ASKED FOR IT...YOU GOT IT! The WTFDA's First Email DX List @ topica.com.

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TVDX...HAWAIIAN STYLE. From Bob Cooper: "Your note about the Hawaii-California (or west coast) duct caught my attention. Yes, there have been numerous reports from both ends over the years and one pity is that nobody with DXer inclinations has been the guy to do it at either end. Otherwise our record books would have some outstanding listings. There are several other paths around the world that do as well or better, as often or more often. From the west coast of Africa to the eastern tip of South America is one well known tropo bulge spot. Another is along the southern coastal regions of Australia from west coast south of Perth to east coast near Adelaide and further east. The one that I always found most fascinating is across the "Atlantic Summer High", or "Bermuda High." Back in the 50s, at the US Air Force Base on the island of Terceira in the Azores, a (US) ham with appropriate background found that during the late May to late July period he could have reception for days on end from all along the eastern USA seaboard on the FM radio band - down to Virginia at least, northward to the Canadian Maritimes. In 1991, my wife Gay and I hauled a 100 watt 10/6/2 meter station, antennas, TV DXing gear to Terceira where we stayed for nearly a month (June). We rented a house, put up the antennas and waited for the fun to begin. Going east, the Spanish and Portuguese FM and high band TV stations were if not daily, very frequent - around 900-1000 miles. But alas, even though we drove to the top of a 2,500 foot mountain and parked there for hours looking west (thinking as with California being up higher on one end might help), nothing but Es to the west.

The point of all of this is that assuming after all of these years we cannot arrange for someone in Hawaii to get the TV and FM Dxing bug, why not consider a summer-long Dxpediton to an appropriate spot on the eastern slopes of a properly placed mountain there? I think with some ham radio friends there I might

locate the spot, what would next be required is for individual DXers to arrange their own vacation time and co-ordinate their schedules so the Dxpediton was manned from say, June first to mid September. The hams have worked VHF and UHF two-way from mid-Mexico north to Seattle (to Hawaii), so the arc or window of possible transmission sources is quite wide. Further, with FM and even LP TV stations scattered from sea level (+ a few feet) to 6,000 feet plus, the stratification question could easily be answered (sometimes hams right at water line make the grade from CA, other times only those up in the mountains of CA). By the way, hams have worked VHF-UHF inland as far as Nevada.



So, how about a group project for 2000? Say a week minimum per guy, maximum two weeks, coordinated by yourself, built around a quality search of VHF and UHF for the 10 week or so period that most offers the window of opportunity. This warning...rarely, but it happens - some summers pass with no openings at all!" (Ok folks, do you have the vacation time and the plane fare? This could be fun! -mb)

A HOT NEW FM TUNER WITH RDS! Neil Kazaross has a new toy...a tuner with RDS built in! Neil writes: "I have a new tuner here for FM which will basically replace my Onkyo T4870 w/McVey filter board as my main FM workhorse. It is an Onkyo T4711 obtained from Ed Hanlon of APS and Don Scott. They modified it by replacing the 6 filters w/narrower ones and did a few other things to improve audio. Here's how the two tuners stack up versus each other. Both are very sensitive and it seems that I can get the stereo light to come on a bit easier with the 4711. However, as I can get most FM DX with 20db of attenuation switched in, sensitivity is not an issue in my overcrowded signaled world here. I was hoping for even better selectivity with the 4711 than the 4870. When tuned on freq, the 4870 is still somewhat more selective than the 4711. That McVey board is great. However, the 4870 does not tune off frequency and the 4711 can fine tune every 25khz. By tuning 25 and occasionally 50 khz away from my slopping local, I can clearly get better audio with the 4711 than the 4870. Now I can work DX on frequencies adjacent to my Chicago locals with my antennas aimed right at Chicago with more ease than before. It is now easier to listen to a couple of adjacents in Lafayette IN, exactly the same SE direction as Chicago. The 4711 also has RDS, which I hope will really catch on in the U.S. Audio seems to sound a bit better on the 4711 which may be a function of the slightly wider selectivity when tuned exactly on frequency.

LAST BUT NOT... You know, people are funny. Most of us go on with our lives from day to day, plugging along, doing our jobs, and the only times we hear from anyone regarding the quality of our work is when we mess up. One person who does a load of work here but quietly stays in the background is our publisher, Bill Thompson. Last month Bill got an article on HDTV from me from out of nowhere. He ran the article, somehow came up with a cover and published the VUD on time. He's never complained about anything I ever sent him. His VUD on-time delivery percentage is 98%+. I'm surprised he's not suffering from job burnout. Thanks, Bill! CU in 30 -Mike

QSL CORNER/LOGOS RUN



Special points of interest:

Send by mail at:

Thomas J. Yingling, Jr., 221 Pinewood Road, Baltimore, MD 21222-2345

E-Mail at:

KA3TCC@EROLS.



THIS COLUMN RETURNS ! ? ! YES, BUT SHORT OF ITEMS.

From: <FmAtlas@aol.com> Bruce Elving

A QSL from the only skip station so far for this season - WJIS

*88.1, The Joy FM, 6469 Parland Dr., Sarasota FL 34243. It is licensed to Bradenton FL.

Short note written on greeting card stationery, and inviting me to check them on the Internet at www.thejoyfm.com

Signed by Jeff MacFarlane, general manager

From: FmAtlas@aol.com Bruce Elving

KLQP 92.1 Madison MN: Maynard R. Meyer, general manager/chief engineer sends letter thanking for the reception report. I am not the most distant reporter. They have heard from DXers in Kentucky and North Carolina. [Their mailing address is PO Box 70, Madison MN 56256.]

They are now 25 kw, with the new transmitter installed less than a year ago, when it increased from 3 kw. Is on 24 hours a day with computer automation, no satellite. Sent a bumper sticker.

From: FmAtlas@aol.com Bruce Elving

KLQP 92.1 Madison MN: Maynard R. Meyer, general manager/chief engineer sends letter thanking for the reception report. I am not the most distant reporter.



From: FmAtlas@aol.com Bruce Elving, 241 Anderson Road, Esko MN 55733-9413.

K215CD *90.9 Windom MN, % translator licensee, Lutheran Church of Our Savior, 1157 Third Avenue, ZIP 56101-1452. Pastor Paul Wobeking verified this WAFR Tupelo MS translator, after I heard a local announcement on the translator promoting the church. He wrote: "You hold the record for hearing our broadcast. The atmosphere has been perfect for that, though I have to admit I do not understand how that all works!" The translator operates 24 hours a day, and I learned from the letter it is 250 watts. Enclosed was a church bulletin and WAFR program guide.

Monophonic WHID *88.1 Green Bay sent a specific letter verification to my report of reception. From Glen Slaats, regional manager, Wisconsin Public Radio, 2420 Nicolet Dr., ZIP 54311. Also included were program guides and a list of other NPR stations. WHID has been heard by someone listening across the lake in lower Michigan, besides being heard west of Duluth. "This amazed us too," he said. "WHID is always mono. Some of the Ideas Network stations do switch to stereo for weekend programming."

TROPO 101

The following article was posted on the New WTFDA Email DX List in Late September.
It was written by DXer and meteorologist Bill Hepburn

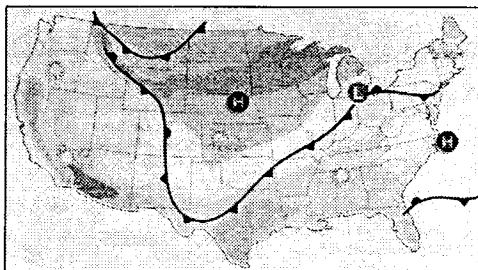
The modes are defined by the mechanics behind them. A Tropo DX mode is any condition that scatters, reflects or refracts signals in the Troposphere allowing DX to occur. Refraction occurs when the normal Index of Refraction has been altered (boundaries between different types of air masses usually cause this).

Enhancement and ducting in particular form a grey line. As a rule of thumb..Enhancement is DX via inversions below 1500 ft above ground...Ducting is DX via inversions above 1500 ft. (The layer of the troposphere below 1500 ft is called the "boundary layer" in meteorology).

Tropospheric V/UHF DX Modes..

Line-of-Sight (GW)...is normal continuous reception where the receiving and transmitting antennas can see each other..taking into account the 4/3 Earth curvature of radio waves.

Tropospheric Scatter (TrS)...is ever-present under normal conditions. That's the mode that produces the distant fluttery signals that randomly fade in and out. These are your most distant regular stations that barely make it in. Depending on your location and equipment..tropo scatter can extend to 200..300 or even 400 miles. The theoretical maximum limit is 500 miles. Scatter is caused by small particles/droplets in the air such as haze, duct, clouds, etc.



Tropospheric Enhancement (TrE)..(aka Tropospheric Refraction) is common under normal conditions. On most clear nights..the ground radiates and the air near the ground cools. Eventually an inversion is formed and stations that normally fade in and out via tropo scatter come in continuously..with increasing strength. Also..weaker tropo scatter stations that are normally not heard (because their signal strengths never cross the background noise threshold signal level) also begin to appear. When the sun comes up..the ground & air heats up..the inversion breaks down..and the enhancement disappears. The enhancement is subtle on some nights..and very obvious on other nights. Distances are no different than your tropo scatter catches..it's just that the signals are stronger. Tropo enhancement is greatly influenced by terrain. From a DXers point of view, multiple directions usually are enhanced at the same time.

Tropospheric Ducting (TrD)..is an abnormal condition. An inversion has formed at a much higher level above the ground. This inversion is not formed due to nighttime radiation/cooling..but rather because of some other weather phenomenon (high pressure subsidence aloft, warm frontal boundary, cold frontal boundary, oceanic or lake inversion, Chinooks, etc). Because of this..ducting can occur day or night (though it strengthens at night)..is not normally influenced by terrain (East of the Rockies)..and from a DXers point of view is normally either uni- or bi-directional. In fact..typical ducts are sharply directional.

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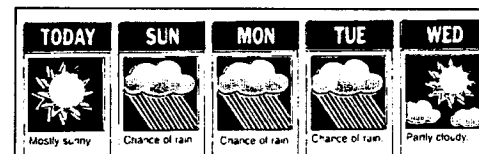
Distances are theoretically unlimited. One large area can have multiple ducts going on simultaneously..but they are usually parallel paths. It is possible in a very strong high pressure system to have large areas of ducting creating multi-directional openings. These are the rare "blockbuster" openings that make DXers mouths water.

Special Cases..

Rain Scatter (RS)..is a rare mode that sometimes occur on the higher UHF-TV channels. A band of very heavy rain (or rain and hail) at a distance can scatter or even reflect signals. The effect is the one used for microwave Weather Radars. Distances are typically around 100 miles..though up to 400 miles is theoretically possible. (Note that heavy snow is not an useful reflector).

Ice Pellet Scatter (SS)..(called Sleet Scatter in the US)..is similar to Rain Scatter but is caused by bands of Ice Pellets in the wintertime.

Aircraft Scatter (AS)..(aka Tropospheric Reflection) is simply reflection off of aircraft..although reflections off of flocks of birds are also possible. A rare form of reflection is "Chaf Scatter". Chaf is strips of metal foil sent out by the military during training exercises. Chaf helps to confuse enemy radars..but also helps to produce DX. Maximum distances for all reflection modes are again up to 500 miles.



Lightning Scatter (LS)..is a mode that is sometimes discussed..but there is little documentation on it. The theory is that lightning strikes produce ionized trails. Reception is similar to other forms of scatter except that the DX is more burst-like similar to MS. LS is a mode that is very hard to distinguish and rarely reported.

Reflections off of hills and mountains..and Knife-Edge Diffraction are not considered true DX modes since they are omni-present..though they can help to extend DX via the other modes.

Backscatter and Sidescatter are terms normally used when describing ionospheric DX.

As far as forecasting Enhancement vs Ducting....the reason that I stick with just Ducting is because it is a large-scale phenomena..can be put down in a forecast in a reasonable amount of time..and produces the best tropo. Enhancement is forecastable..but it is so dependant on regional and local terrain and conditions that it would be a labour-intensive effort (not to mention a very lengthy one) to forecast for all of North America. The process that one would have to use to properly forecast Enhancement for a particular area is the same that a meteorologist would use to forecast overnight low temperatures, chance of fog patches, etc. I hope this helps out a few DXers out there. -Bill Hepburn

THE NEW WTFDA EMAIL DX LIST IS HERE!

To subscribe, send a blank email addressed to: WTFDA-subscribe@topica.com
DX alerts, buy/ sell/ trade, discussion, station changes, contests, articles and more

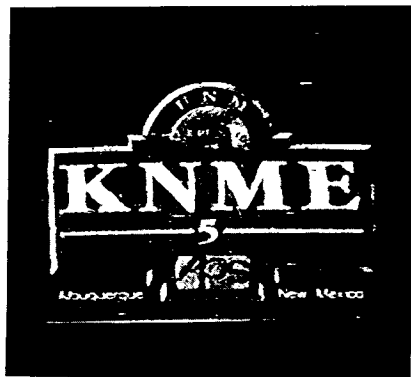
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November 1999

Here's some recent photos from the DX magnet at Danny Oglethorpe's house, Shreveport, LA:

Equipment: Various TVs and VCRs. Winegard PR-5040 VHF @18 ft. AGL; Channel Master 4257 Quantum corner-yagi UHF w/Winegard GA-4700 @24 ft. AGL.



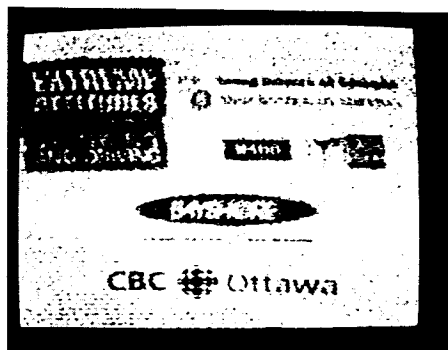
KNME-5 Albuquerque, NM
764 mi Es seen 6/30/99
@1553 CDT



XHAQ-5 Mexicali, BCN
1265 mi Es seen 6/22/99
@1710 CDT



KGWN-5 Cheyenne, WY
859 mi Es seen 7/1/99
@1300 CDT



CBOT-4 Ottawa, ON
1324 mi Es seen 5/23/99
@2130 CDT



KCSG-4 Cedar City, UT
1151 mi Es seen 6/21/99
@ 2005 CDT
"Pax net"



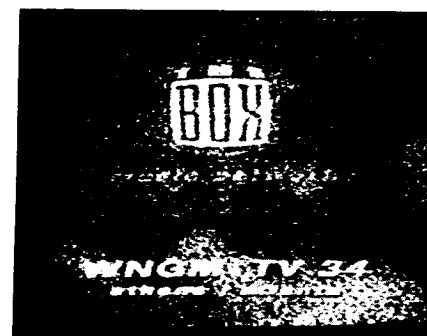
WOI-5 Ames, IA
650 mi Es seen 6/30/99
@1145 CDT



KVTU-13 Laredo, TX
481 mi Tr seen 1/20/99
@2205 CST



K30EM-30 Houma, LA
263 mi Tr seen 1/19/99
@1000 CST
"HTV, w/Thibodaux/Morgan City"



WNGM-34 Athens, GA
585 mi Tr seen 2/18/99
@0902 CST
"the Box, Athens/Atlanta"



WCOV-20 Montgomery, AL
436 mi Tr seen 1/27/99
@0500 CST

FM NEWS

NOVEMBER 1999

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KEY TO ABBREVIATIONS:
&: satellite programming
AF: New frequency allocation **accepted for filing** for a new FM license
AFA: American Family Association
CC: **call letter change**
CL: **city of license change**
CX: a **construction permit** has been **canceled**
C1, C2, etc.: a change in status to that FM license **class**
DA: **directional antenna**
DE: station has been **deleted**
FC: **format change**
GA: **granted amendment** to the table of FM allocations
GE: **granted extension** of construction permit

GX: **granted replacement** of expired permit
LC: **license to cover** filed (means station is ready to come on air)
MC: **multiple-city** legal ID
NC: **no change** yet on a reported change/permit
ND: **non-directional** antenna
NO: **not on the air**
NS: **new station** granted
NW: **new station** signs on
OSA: **one-step application** granted for change
PA: **proposed amendment** to change FM table of allocation
PC: **power change** on the air (">" for increase, "<" for decrease, when known)
PG: **power change** granted (">" for increase, "<" for decrease, when known)
QC: **frequency change** occurred
QG: **frequency change** granted
RA: **silent station returns to air**
RE: station **requests extension** on permit
RX: station **requests replacement** of expired permit
SG: **slogan change** or update
SI: **station is silent**
XA: **dismissed amendment** to FM allocations
XC: **transmitter site change** occurred
XG: **transmitter site change** granted



UNITED STATES

ALABAMA:

Dora: WZJT 92.5 FC to EWTN Catholic radio (&) (Birmingham)
Montgomery: WBAM 98.9 FC to CHR "Star 98.9"
Montgomery: WQKS 96.1 FC to 80's hits

ALASKA:

Houston: KJHA 88.7 PG> 340w, -125 ft.
Houston: KAQX 96.3 CC (NS)
Juneau: KSRJ 102.7 CC (ex KAKZ)
Juneau: KFMG 100.7 CC (ex KAMT)
Kasilof: *NS 90.5 AF

ARIZONA:

Flagstaff: *NS 103.7 GA: add class C3
Littlefield: *** 100.9 PA: add class C
Oraibi: KBDT 98.9 GA: to class C - Leupp, AZ
Wickenburg: KSWG 94.1 adds Real Country (&)



ARKANSAS:

DeQueen: KBPU 88.7 CC (NS)
Elaine: *** 95.5 PA: add class A
Gurdon: KYXK 106.9 FC to ABC oldies (&)
Heber Sps: KBMJ 89.7 QG to 89.5
Lakeview: KKTZ 93.5 CC (ex KBFY), NW, AC "Hits 93.5"
Melbourne: *NS 90.3 AF
Mountain Home: KOMT 107.5 CC (ex KKTZ), FC to JRN adult standards (&) "Ozark Mountain"

CALIFORNIA:

Avenal: KAAX 105.7 reported SI
Big Pine: KRHV 93.3 NW, hot AC & modern rock // KMMT
Carmel Valley: *** 105.9 GA: add class A
Hamilton City: *** 101.7 GA: add class A
Laytonville: *NS 91.9 AF
Lost Hills: *** 105.7 GA: add class A
Mammoth Lakes: KMMT 105.9 FC to hot AC & modern rock
Maricopa: *** 94.9 GA: add class A
Marina: KMJO 92.7 CC (ex KRQC), FC to rock // KSJO (Monterey) (Mark and Brian in the AM remain, // KSJO otherwise)
Morro Bay: KKAL 99.7 CC (ex KWWV) FC to Real Country (&)
Oceanside: KXST 102.1 GA: to Encinitas, CA - B
Pt. Arena: KSRT 107.1 CC (ex KBPC)
Sacramento: KBMB 103.5 PG> 6 kW, 312', DA
Sacramento: KSEG 96.9 XG: 38-38-53 / 121-28-38
San Joaquin: KWOL 105.5 CC (ex KVPC)
Santa Barbara: KRUZ 103.3 XG: 34-31-29 / 119-57-32

FM NEWS PAGE 2

NOVEMBER 1999

California:

Santa Margarita: KWWW 106.1 CC (ex KKAL), FC to dance "Kiss" (San Luis Obispo)
Seaside: KSES 107.1 CC (ex KVRG), FC to EXCL Spanish CHR (&) (Monterey) "Super Estrella"
South Lake Tahoe: KZZF 102.9 PG> 39 kW, 2926', XG: 39-18-38 / 119-53-01
Stockton: KQOD 107.1 FC to rhythmic oldies "Mega"
Vacaville: KUIC 95.3 PC> 490w
Willows: K215DG 90.9 NS-80w(v): KEFX-ID

COLORADO:

Craig: *NS 88.3 AF
La Jara: *** 92.1 GA: add class A
Lamar: KVAJ 105.7 adds Real Country (&)
Westcliffe: *** 99.3 GA: add class A

FLORIDA:

LaCrosse: WBXY 99.5 CC (ex WRKG), FC to Hot AC "Star 99.5" (Gainesville)
Marathon: WWWW 97.7 CC (ex WKTS)
Marco: WGUF 98.9 FC to talk (Ft. Myers)
Marianna: WTYS 94.1 CC (ex WBNF) "We Think You're Special"
Midway: WOKL 100.7 FC to oldies (new format expected soon) (Tallahassee) CC (ex WJZT)
Navarre: WGCX 95.7 PC 2.3 kW, 535' XC: 31-13-59 / 87-03-28
Newberry: WRKG 100.5 CC (ex WBXY), FC to JRN classic rock (&) (Gainesville)
Stuart: WZZR 92.7 adds Lex & Terry
Tampa: WMTX 100.7 CC (ex WAKS) "Mix"
W.Palm Beach: WXEL 90.7 PG> 50 kW, 899', DA

GEORGIA:

Athens: WYAP 95.5 CC (ex WNGC), FC to CHR "The Beat" (Atlanta) (also moves tower in to join the Atlanta market), dec. to 977', C1, XC: 33-55-51 / 83-47-00
Martinez: WUUS 107.7 FC to urban "Power 107"
Redbud: *NS 91.3 AF
Ringgold: WSGC 101.9 FC to classic hits
Rossville: WLMX 105.5 FC to rock "Rock 105"
Thomasville: WTLV 107.1 CC (ex WOKL), FC to hot AC "Mix" (Tallahassee)
Tifton: WKZT 92.5 NW, CD Country (&)
Toccoa: WNGC 106.1 CC (ex WSTE) "North Georgia Country"

HAWAII:

Hanapepe: *** 94.3 GA: add class C1
Holualoa: *** 92.1 GA: add class C2
Honokaa: *** 102.9 GA: add class C2
Kihei: *** 107.5 GA: add class C2
Kurtistown: *** 102.1 GA: add class A
Nanakuli: *** 106.9 GA: add class A
Wahiawa: *** 103.5 GA: add class A



IDAHO:

Coeur d'Alene: KCDA 103.1 FC to hot AC "Mix 103.1" (Spokane)
Hazelton: *** 94.3 GA: add class C3
Kootenai: *** 106.7 GA: add class A
McCall: KBPH 90.7 CC (NS)

ILLINOIS:

Fairfield: WFIW 104.9 FC to soft AC (&)
Joliet: WCSF 88.7 FC to hot AC "The Super Station"
Mt. Olive: WAOX 105.3 GA: to A - Staunton, IL
Quincy: WCOY 99.5 FC to country "Coyote Country"
Rantoul: WZNF 95.3 FC to country "B95"
Tuscola: WBNX 93.5 FC to rock "Extreme 93.5"

INDIANA:

Clarksville: WYBL 93.1 CC (ex WQSH), FC to country "The Bull" (Louisville)
Mt. Vernon: WYFX 106.7 CC (ex WBLZ) "Fox"
Muncie: WWDS 90.5 PG> 100w, 172 ft.
New Albany: WLSY 94.7 FC to religion and TWM cont. Christian (&) (Louisville)
New Haven: WJFX 107.9 PG> 3.2 kW (cir), 453', DX, XG: 41-01-26 / 85-03-51
Salem: WQSH 98.9 CC (ex WHKW), FC to modern AC "She 98.9" (Louisville)
Seelyville: WTHC 95.9 FC to AC "Sunny 95.9"
Veedsburg: WSKL 92.9 noted NOT on the air yet



IOWA:

Ames: KCCQ 105.1 FC to modern rock "Channel Q" (Des Moines)
Chariton: KELR 105.5 QG to 105.3 - C2, PG> 50 kW, 387', XG: 41-00-49 / 93-17-28
Lake Mills: *NS 89.1 AF

KANSAS:

Belle Plaine: KANR 92.7 adds talk to news format
Coffeyville: KKRK 98.9 CC (ex KUSN), FC to classic rock
Dearing: KUSN 98.1 NW, CC (ex KKRK), Radio One country (&)
Galena: KBGZ 104.3 NW, Radio One hot AC (&)
Hays: *** 105.7 PA: add class C2
Scott City: KGKS 93.9 PC> 16.5 kW, 407', DA, class C3

KENTUCKY:

Catlettsburg: WRVC 92.7 FC to a/c (Huntington, WV)
Hawesville: WXCM 97.1 PG< 4 kW, 403', DA, XG: 37-41-50 / 86-59-28, CL: Whitesville, KY
Morehead: WBMK 88.5 CC (NS)
Russellville: WJZC 101.1 FC to contemporary Christian "The One" (Nashville)

LOUISIANA:

Alexandria: KFAD 93.9 FC to WW1 rhythmic oldies (&)
 Breaux Bridge: KFTE 96.5 OSA for 42 kW, C2, DA, 535', DA
 Columbia: KYEA 103.1 CC (ex KCTO), FC to urban AC (&) Monroe
 Ferriday: KFNV 107.1 adds JRN oldies (&)
 Ringgold: *** 98.5 PA: add class C3
 W. Monroe: KRRZ 98.3 CC (ex KYEA), FC to WW1 A/C (&) (Monroe)
 Winnsboro: KMAR 95.9 FC to JRN classic country (&)

MAINE:

Calais: WMED 89.7 XG: 45-01-45 / 67-19-26
 Oakland: *NS 88.9 AF
 Searsport: WBYA 101.7 FC to adult alternative



MASSACHUSETTS:

Boston: WTKK 96.9 CC (ex WSJZ), FC to talk "FM talk"
 Brockton: WCAV 97.7 reported SI (expected back on air soon with urban (Boston))
 Orleans: WKPE 104.7 FC to classic rock "Rocket"

MICHIGAN:

Baraga: WVCN 104.3 CC (ex WBUM), "Voice for Christ"
 Detroit: WKQI 95.5 FC to CHR "Q 95.5"
 Detroit: WGRV 105.1 CC (ex WXDG) "The Groove"
 Hart: WCXT 105.3 FC to soft AC (Muskegon)
 Hubbardston: *** 103.7 GA: add class A
 Imlay City: *NS 89.1 AF
 Lake City: *NS 104.9 AF
 Pentwater: WMOM 102.7 NW, hot AC "Mom 102.7"
 Stephenson: WMXG 106.3 CC (ex WWHK) "Mix 106.3"

MINNESOTA:

Cambridge: KZNT 105.3 FC to modern rock classics // KZNR 105.1 (Minneapolis)
 Eden Prairie: KZNR 105.7 FC to modern rock classics // KZNR 105.1 (Minneapolis)
 Lakeville: KZNR 105.1 FC to modern rock classics (Minneapolis)
 Lanesboro: *NS 88.5 AF
 Montevideo: KBPG 89.5 CC (NS)
 Nisswa: KBPQ 93.3 CC (NS)
 Willmar: *NS 90.9 AF

MISSISSIPPI:

Artesia: WSMS 99.9 adds John Boy & Billy
 Belzoni: WBYP 107.1 adds Young & Elder
 D'Iberville: WCPR 97.9 CL change from Wiggins
 Drew: WOHT 95.3 FC to urban AC "Touch"
 Durant: WLIN 101.1 FC to JRN a/c (&)
 Greenwood: WYMX 99.1 FC to Radio 1 Hot AC (&)
 Gulfport: WLRK 96.7 FC to rhythmic oldies

Mississippi:

Monticello: WRQO 102.1 adds Radio One Cntry (&)
 Natchez: WASM 91.1 inc. to 482 ft, DA, XG: 31-29-10 / 91-21-42
 Pickins: WYJS 105.9 FC to oldies
 Ripley: WKZU 102.3 FC to JRN classic country (&)

MISSOURI:

Amazonia: *** 102.5 XA: add class A
 Kirksville: KBPP 89.7 CC (NS)
 Ozark: KCYO 92.9 FC to a/c (Springfield)
 Troy: KFNS 100.7 SG *Fans 590 AM and 100.7 FM
 Waynesville: KFBD 97.9 OSA to class C3, 10 kW, 515 ft, XG: 37-56-50 / 92-21-18

MONTANA:

Alberton: *** 105.5 GA: add class C2
 Billings: KBEX 105.1 FC to its own rock oldies format (no longer // KGHL 790)
 Choteau: *** 102.1 GA: add class C1
 Frenchtown: *** 106.7 XA: add class C2
 Plains: KPLG 91.5 PG> 1.8 kW, C1, XG: 47-22-22 / 114-51-31
 Valier: *** 105.7 GA: add class C1

NEBRASKA:

Beatrice: *NS 88.3 AF
 Minatare: *** 106.9 GA: add class A
 Plattsmouth: KCTY 106.9 PC> 25 kW, class C3, PC: 41-09-18 / 95-45-42, "The City"

NEVADA:

Smith: KSVL 92.3 CC (NS)

NEW HAMPSHIRE:

Berlin: WPKQ 103.9 GA: to class C - North Conway, NH
 Lisbon: WLTN 96.7 FC to WW1 a/c (&)

NEW MEXICO:

Dexter: *** 96.1 GA: add class C3
 Grants: *NS 96.7 4.4 kW
 Las Vegas: KTRL 96.7 CC (NS)
 Magdalena: *** 95.9 GA: add class C2
 Mentmore: *NS 88.1 AF
 Shiprock: *** 100.9 GA: add class C1
 Socorro: *** 102.1 GA: add class C2
 Tularosa: *** 102.7 GA: add class C3

NEW YORK:

Albany: WHRL 103.1 FC to modern rock
 Cobleskill: WQBJ 103.5 FC to rock // WQBJ
 Conkling: WCDW 100.5 PA: to 92.5 - A
 Hoosick Falls: WZEC 97.5 PG< 400w, 1204 ft, XG: 42-51-40 / 73-13-59
 Keeseville: *** 97.9 PA: add class A
 New York: WNEW 102.7 FC to talk "FM Talk @ 102.7"
 Rensselaer: WQBK 103.9 FC to rock "Rock Radio"
 Saugerties: WRKW 92.9 CC (NS)



NORTH CAROLINA:

Boone: WASU 90.5 PG< 220w (cir), 62', XG: 36-12-48 / 81-41-10
 Carolina Bch: WLGX 106.7 FC to smooth jazz (&)
 Old Fort: WQNQ 104.3 CC (ex WMXF), FC to classic rock // WQNS (& John Boy / Billy)
 Pinehurst: WBFY 90.3 PG> 6.5 kW (v), 328 ft, DA, XG: 35-09-13 / 79-34-16

NORTH DAKOTA:

Bismarck: KDQY 94.5 FC to K-Love cont. Christian (&), non-commercial

OHIO:

Clyde: WMJK 100.9 CC (ex WCPZ) "Magic 100.9"
 Lorain: WAKS 104.9 CC (ex WZLE) "Kiss"
 McArthur: WYRO 98.7 CC (ex WJLI), FC to oldies (&)
 Sandusky: WCPZ 102.7 CC (ex WMTX)
 Uhrichsville: WTUZ 99.9 PG< 5.3 kW, 348 ft, XG: 40-26-19 / 81-26-01
 Wellston: WKOV 96.7 FC to ABC hot AC (&)

OKLAHOMA:

Broken Arrow: KOAS 92.1 FC to CHR "Kiss"
 Coalgate: KOFY 105.5 CC (ex KAZE)
 Durant: K212FC 90.3 NS-170w: KAWZ-ID
 Idabel: *NS 90.9 AF
 Ninnekah: K217DK 91.3 NS-250w(v): KEFX-ID
 Stuart: *NS 89.3 AF
 Wewoka: KSLE 104.7 CC (ex KWSH), adds ABC Real Country (&)

OREGON:

Bonanza: KYSF 102.9 adds Delilah
 Florence: KLFO 88.1 NW, news & alternative // KLCC
 Keno: *** 94.9 PA: add class A
 Tillamook: KJUN 104.1 GA: to Scappoose, OR



PENNSYLVANIA:

Holidaysburg: WMAJ 104.9 CC (ex WMXV), FC to classic hits (Altoona)
 Mechanicsburg: WTPA 93.5 FC to classic rock
 Muncy: WBZD 93.3 CC (ex WHTO) "Oldez 93"
 Palmyra: WNCE 92.1 FC to classic rock // WTPA
 Susquehanna: WKGB 92.5 PA: to 100.5 - A
 Williamsport: *NS 89.7 AF

RHODE ISLAND:

Kingston: WRIU 90.3 XG: 41-29-52 / 71-31-43
 Wakefield: WHCK 99.7 CC (ex WXEX) "The Hawk"

SOUTH CAROLINA:

Dillon: WEGX 92.9 XG: 34-22-02 / 79-19-49

SOUTH DAKOTA:

Clear Lake: KDBX 107.1 CC (ex KBGV) "X107"

TENNESSEE:

Norris: WXVO 106.7 NW, testing with various music (Knoxville)

Sneedville: *NS 88.5 AF

TEXAS:

Abilene: KHYS 100.7 FC to hot AC "Kiss", CC (ex KORQ)
 Albany: *** 98.9 PA: add class A
 Austin: KPEZ 102.3 adds Bob & Tom
 Big Sandy: KBAU 90.7 reported SI
 Breckenridge: *** 100.1 GA: add class A
 Carrizo Sps: KCZO 92.1
 Corpus Christi: KLTG 96.5 FC to modern AC "The Beach"
 Crockett: *NS 88.5 AF
 Galveston: KQKQ 106.5 PA: to class C - Missouri City, TX
 Gatesville: KASZ 98.3 CC (ex KRYL)
 Gregory: KKPX 104.5 adds Bob & Sheri
 Ingram: *** 96.5 GA: add class A
 Midland: KCHX 106.7 FC to rhythmic oldies "Mega" (Odessa)
 Pilot Point: KTCY 104.9 FC to regional Mexican expected in November (Dallas)
 Rudolph: KBPO 90.7 CC (NS)
 Sulphur Bluff: *** 99.7 PA: add class A
 Three Rivers: KBPL 94.5 CC (NS)

UTAH:

Brian Head: KREC 98.1 FC to ABC-a/c (&)
 Kanarrville: *** 101.5 XA: add class C2
 Parowan: *** 107.9 GA: add class C2
 Toquerville: *** 107.9 GA: add class C

VERMONT:

Waterbury: WLKC 103.3 (ex WGLY), FC to a/c "Lake" (Burlington)

VIRGINIA:

Mechanicsville: WCDX 92.1 adds Russ Parr
 Petersburg: WARV 100.3 CC (ex WSOJ)
 Suffolk: WFOG 92.9 FC to R&B oldies

WASHINGTON:

Hoquiam: KGHO 95.3 FC to classic rock
 South Bend: KJET 105.7 NW, classic hits
 Spokane: KISC 89.1 FC to soft AC
 W. Clarkston: *NS 89.7 AF

WEST VIRGINIA:

Charleston: WVAF 99.9 FC to hot AC

WISCONSIN:

Marshall: *NS 90.3 AF
 Menomonie: WVSS 90.7 PG< 430w, 522', DA, XG: 44-52-04 / 92-04-23
 Rice Lake: WJMC 96.1 OSA for 96.1 - C2, PG< 50 kW (cir), 482 ft, XG: 45-37-14 / 91-44-44
 Shell Lake: WGMO 95.3 FC to classic rock
 Sister Bay: *** 105.1 PA: add class A
 Washburn: *** 104.7 GA: add class A
 Whitewater: WKCH 106.5 FC to oldies "Kool 106.5"

WYOMING:

Thermopolis: KDNO 101.7 CC (ex KBIK)



PUERTO RICO:

Cabo Rojo: WMIO 102.3 FC to Spanish hits // WIAC-FM (Mayaguez)
 Fajardo: WCMA 96.5 FC to Spanish hot AC "Cima" (San Juan)

VIRGIN ISLANDS:

Christiansted: WVIS 106.1 RA with urban & reggae



CANADA

ALBERTA:

Lethbridge: CJOC 1220 wants 106.7, 100 kW

BRITISH COLUMBIA:

Chase: *NS 95.5 87 watts
 Invermere: CKIS3 97.3 NW, hot AC // CKIS-AB
 Whistler: CISW 102.1 PG< 586w, XG

MANITOBA:

Brandon: CKLF 94.7 NW, a/c (April 2000), NS, 100 kW
 Brandon: CKX 1150 QG to 101.1, 100 kW
 Selkirk: CICY 105.5 PG> 100 kW

NEWFOUNDLAND:

Gander: CKXD 1010 QG to 98.7, 6 kW
 Grand Falls: CKXG 680 QG to 102.3, 20 kW
 Roberts Arm: *NS 92.7 4.5 kW, to be // CKXG when that station moves to FM

ONTARIO:

Barrie: *NS 97.7 several applications: CHR (9960w), classic rock (10.56 kW), and modern AC/modern rock (6.2 kW)
 Barrie: *NS 107.5 app. For CHR sta. (26 kW)
 Belleville: *NS 100.1 app. For country (40 kW)
 Brantford: CKPC 92.1 FC to hot AC
 Chatham: CKUE 94.3 NW, modern rock "CQFM" CC (NS), phone 1-519-354-2853
 Englehart: *NS 103.1 17w
 Hamilton: *NS 94.7 several apps. Country (1410w), smooth jazz (1880w)
 Sudbury: CJTK 95.5 PG> 1.4 kW

QUÉBEC:

Amos: *NS 88.3 32.4 kW wanted // CBFX
 Montreal: CBME 88.5 PC> 16.9 kW
 Rimouski: CJBR 900 QG to 89.1, 5.5 kW



MEXICO

BAJA CALIFORNIA:

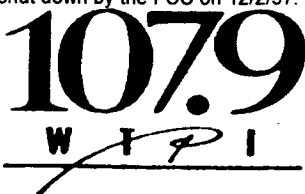
Tijuana: XHGLX 91.7 CC (ex XHTIM), FC to classic hits "Galaxy"
 Tijuana: XHTIM 97.7 CC (ex XHTIJ), FC to regional Mexican

PIRATE NEWS

• **INDIANAPOLIS, IN.** The pirates on 90.5 have been off for at least 2 1/2 years. It is believed that the person who ran that station is the same one who has applied for a 91.9 license in Zionville, just north of town. Speaking of that frequency, a pirate on 91.9 was noted in downtown Indy, in the Fountain Square area, in stereo. Light rock was the format, without any talk. The signal carries about 4 miles on a car radio.

• **KOKOMO, IN.** For at least two years, a station has been noted on 89.5 carrying the local weather station. An announcer stated that the weather station is located in Monticello, IN. The signal covers the entire Kokomo area well.

• **MUNCIE, IN.** A local nursing home on N. Walnut St. is operating stations on 101.3, 103.5, 105.3 and 107.9. They are more powerful than they should be, as they carry at least 5 blocks, interfering with stations in Richmond and Indianapolis. The FCC has been contacted about this situation. Also, a 107.5 is noted on the air near the Wal-Mart, operated by Hometown Outdoor Advertising. It runs a continuous loop advertising Family Kitchen Restaurant in Muncie. It carries about four blocks. Muncie was previously home to a very strong pirate on 107.5, running "American Freedom Network" out of Denver. That station was shut down by the FCC on 12/2/97.



• If you're wondering why KBAU 90.7 in Sandy Springs, Texas is silent, their licensee Ambassador College is for sale - the entire university may shut down! KBAU and the college are located in the Longview-Marshall market.

• In the Low Power FM arena, the NAB continues to fight the proposal, but has recently changed tactics; Eddie Fritts has recently delivered a letter to all 534 members of the House and Senate, arguing

WBDK 96.7FM

that LPFM will cause "severe interference" to existing FM receivers. He attempts to refute the argument that radio is being controlled by fewer and fewer large companies by stating that "over half of all FM stations are not part of large conglomerates". Interesting how this letter was sent just a few days before the huge Clear Channel / AMFM deal! (Clear Channel's intention to buy AMFM for \$23.5 billion in cash and stock, bringing the number of stations it owns to 830) Thanks

also to Mike Lazaro for information about this. More information can be found at <http://timesunion.com/ss.asp?c=19866&c=B>

• Bill Draeb updates us this month on some previous updates he's sent in. WRLU 104.1 and WRKU 102.1 are on the air (see previous FM News editions). He has heard that WHDI 89.7 is due on the air shortly. This station is in Sister Bay, out on the tip of the Door Peninsula in Wisconsin. They are reportedly to relay WHID 88.1 Green Bay, which is educational. Bill speculates that the transmitter might be on the W55AS tower in Ellison Bay. Another station relaying WHID may come on up there, but Bill is not sure of the frequency. Bill also mentioned news of a pending "polka station" to replace WAUN 92.7. What it turned out to be was a special program on WRLU 104.1 once a week. The program is run by ex-WAUN employees, who left after the switch to country "Moo 92"... Bill noted an FM News item about WBDK 96.7, in which they were to increase their tower height, but he has not noted any changes yet.



GEORGE W JENSEN
 4804 ANNTANA AVE
 BALTIMORE MD 21206-4220

SATELLITE NEWS

Another short column with news of a birth. Telstar 7 has been orbited - exact coordinates not known, but it is between Galaxy 5 and Satcom 3. It was launched on September 25, 1999 and has a life of at least 12 years. It is a hybrid bird with both C and Ku Band capabilities. Horizontal and vertical polarities will (I believe) be the same as the other Telstars. Look for it to light up soon.

- And now to the other few changes, additions and deletions.
- Satcom C3 -
 - 105 WAS Showtime Mountain feed but is NOW the new Showtime Beyond - East (I haven't seen a West on this yet).
 - It is a Sci-Fi, Horror, etc. formatted service.
 - 761 - was Knowledge - is now Info TV
 - Galaxy 9 - 6 - M2 - now definite.
 - Spacenet 4 - 2 - is Starz Theme - East
 - 10 - Gospel Music Television noted here - may be an eventual move from Galaxy 9 - 2?
 - Galaxy 3 - 18 - infomercials - called Info America
 - Galaxy 4 - 3 - delete Rogue
 - 15 - called now X Channel
 - 17 - delete Exxtasy
 - 20 - Now Exstasy

All porn channels now seem to be located on this bird
 GE - K5 - most CNN feeds are located on this bird in digital compressed systems
 Intelsat 40 West
 755 - IS Telecaribe
 756 - is new location of long missing Tele Pacifico - Cali
 That's all for this month. See you in 30 - Good DX

'73's
 George



TV News

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
W9WI@bellsouth.net

November 1999
non-commercial station
nc no change

<http://personal.bellsouth.net/~w9wi>

Applications for new stations

| St | Ch | ERP | Ht. | City | Applicant | Latitude | Longitude |
|----|----|-------|-----|------------|-----------|----------|-----------|
| YT | 7 | 0.474 | | Whitehorse | CBFT [2] | | |

CKND [9]'s application for a new channel 6 station at Dauphin, Manitoba has been withdrawn. The competing application from CHMI [13] is still being considered.

Construction permits granted for new stations

| St | Ch | ERP | Ht./Call | City | Applicant | Latitude | Longitude |
|----|----|-------|----------|----------|-----------|----------|-----------|
| ON | 32 | 0.02 | | Nipigon | CICA [19] | | |
| SA | 18 | 0.014 | | Invermay | | 51-48-40 | 103-09-33 |

New-station permits expired, dismissed, etc.:

| St | City | Ch | # permits | St | City | Ch | # permits |
|----|-------------|----|-----------|----|----------------|----|-----------|
| FL | Tallahassee | 24 | 1 | VA | Virginia Beach | 21 | 2 |
| MT | Missoula | 17 | 1 | | | | |

Applications to change existing stations

| St | Ch | ERP | HAAT | City | Call | Latitude | Longitude |
|----|-----|-----|------|----------|---------|----------|-----------|
| WI | 52z | | | Mayville | WWR5-TV | 43-26-11 | 88-31-34 |

Applications to change construction permits

| St | Ch | ERP | HAAT | City | Call | Latitude | Longitude |
|----|-----|------|------|---------------|---------|----------|-----------|
| IN | 17- | 2.74 | | Evansville | WWAZ-LP | | |
| MI | 49n | | | Crystal Falls | WUPT-LP | 46-05-33 | 88-21-40 |

Changes granted to construction permits

| St | Ch | ERP | HAAT | City | Call | Latitude | Longitude |
|----|-----|------|------|---------|------|----------|-----------|
| WA | 45+ | 2000 | 714 | Seattle | KRCV | | |

LPTV Displacement Applications

| St | City | Call | Was | Now | St | City | Call | Was | Now |
|----|---------|---------|-----|-----|----|------------|-------|-----|-----|
| AZ | Phoenix | KTVP-LP | 56 | 41+ | CT | Bridgeport | W28CA | 28 | 65 |

LPTV Displacements Granted

| St | City | Call | Was | Now | St | City | Call | Was | Now |
|----|-----------|-------|-----|-----|----|--------|-------|-----|-----|
| GA | Savannah | W32CC | 69 | 32n | NY | Morris | W10CO | 4 | 10z |
| NM | Carrizozo | K22FN | 62 | 22z | OK | Tulsa | K51FR | 65 | 51+ |

LPTV Displacements Dismissed, etc.

| St | City | Call | Was | Now | St | City | Call | Was | Now |
|----|------------|---------|-----|-----|----|-------------|---------|-----|-----|
| CT | Hartford | WRDM-LP | 13 | 28 | TX | C. Christi | KXPX-LP | 66 | 59- |
| GA | Augusta | WBK-LP | 67 | 56 | TX | Giddings | KHPG-LP | 21 | 34z |
| LA | Alexandria | K66EY | 66 | 45z | TX | San Antonio | KSAA-LP | 19 | 18+ |
| NE | Omaha | KOHA-LP | 65 | 24 | TX | Tyler | K20DL | 20 | 26 |

Technical changes on the air

| St | Ch | Call | City | What happened |
|----|-----|---------|-----------------|--|
| NM | 40+ | K40FI | Farmington | move from channel 60+ (K60DR); decrease power 610->581 watts. |
| OH | 19- | WCLL-LP | Columbus | move from channel 64+; increase power 80 watts->37.7KW; increase tower height 11m. |
| OH | 68+ | W68CD | Toledo | decrease power 81.4->6.6KW. |
| TX | 14- | KXPX-LP | Corpus Christi | move from channel 66n. |
| TX | 40z | KTLM | Rio Grande City | increase power 229->5000KW, tower height 234->577m. |

New stations on the air or requesting operating license

| St | Ch | ERP | HAAT | Call | City | Latitude | Longitude |
|----|-----|-------|------|-----------|---------------|----------|-----------|
| CA | 7- | 0.25 | | K07WA | Atascadero | 35-26-47 | 120-42-58 |
| CA | 5+ | 0.35 | | K05JY | Indio | 33-48-07 | 116-13-27 |
| CA | 21- | 22.5 | | K21DP (2) | Sacramento | 38-40-22 | 121-19-47 |
| CA | 41- | 29.9 | | K41EP | Santa Barbara | 34-30-10 | 119-50-56 |
| CA | 62+ | 40.7 | | K62EZ (4) | Santa Maria | 34-53-54 | 120-35-28 |
| CA | 31z | 12 | 90 | KVMD | 29 Palms | 34-09-15 | 116-11-50 |
| CA | 26+ | 0.005 | | K26FA (8) | Vista | 33-06-39 | 117-09-10 |
| ID | 26+ | 22.9 | | K26EW | Idaho Falls | 43-32-37 | 111-53-07 |
| ID | 63n | 17 | | K63GA (6) | Rexburg | 43-45-53 | 111-57-50 |
| IL | 24z | 7 | | W24AJ | Aurora | 41-36-23 | 88-27-09 |
| MN | 16* | 50 | 394 | KTCI-DT | St. Paul | 45-03-29 | 93-07-27 |
| MO | 43- | 0.51 | | K43EU | Jamestown | 38-46-57 | 92-27-25 |
| MO | 63- | 0.50 | | K63FW | Jamestown | 38-46-57 | 92-27-25 |
| MT | 61n | 10 | | K61GW (5) | Missoula | 47-02-27 | 113-59-10 |
| NE | 18- | 9.17 | | K18CD | Lincoln | 40-51-10 | 96-40-36 |
| NE | 57- | 14.2 | | K57GY | Omaha | 41-15-28 | 95-58-59 |
| NM | 16z | 1 | | K16EB | Hobbs | 32-40-27 | 103-06-38 |
| NM | 54z | 1.9 | | K54GA | Hobbs | 32-41-52 | 103-33-19 |
| NY | 20- | 19.5 | | W20BT | Ithaca | 42-34-55 | 76-33-22 |
| NY | 52z | 10.2 | | W52CQ | Moravia | 42-48-05 | 76-26-14 |
| OK | 19z | 5000 | 251 | KWBT | Muskogee | 35-45-08 | 95-48-15 |
| PR | 46- | 12.8 | | WIDP-1 | Las Palmas | 18-01-59 | 66-07-09 |
| SC | 57z | 10.6 | | W57DI | N. Charleston | 32-55-42 | 80-06-13 |
| TN | 25- | 2.1 | | W25CR | Cleveland | 35-08-05 | 84-37-21 |
| TX | 48n | 10.9 | | K48FR (3) | Amarillo | 35-20-33 | 101-49-20 |
| TX | 27- | 0.69 | | K27EA (7) | New Braunfels | 29-49-36 | 98-07-20 |
| TX | 21z | 1 | | K21FG | Victoria | 28-46-37 | 96-57-45 |
| VA | 65z | 45.8 | | W65DD (1) | Roanoke | 37-16-12 | 79-56-19 |
| VI | 38- | 20 | | W38BM | C. Amalie | 18-21-33 | 64-58-18 |
| WI | 35+ | 16 | | W35BI | Tomah | 43-53-50 | 90-34-57 |

- (1) W65DD has an application on file to move to channel 43z at 37-16-29N/79-56-54W.
- (2) K21DP has applications on file to move both to channel 8- (1.7KW) and channel 56z (22.5KW).
- (3) K48FR has an application on file to move to channel 22+ with 12.9KW at 35-12-26N/101-50-20W.
- (4) K62EZ has an application on file to move to channel 40+.

- (5) K61GW has an application on file to move to either channel 46+ or 46z, both at 47-01-02N/114-00-47W.
- (6) K63GA has an application on file to move to channel 59z with 30.2KW at 43-43-16N/111-56-33W.
- (7) K27EA has applications on file to move to San Antonio; channel 27z with 26.2KW at 29-25-22N/98-28-54W, or channel 18- with 11.9KW at 29-25-41N/98-29-32W.
- (8) K26FA has an application on file to move to channel 21z with 1KW, but the station is being seen on channel 26. (The fact that someone is actually seeing it causes me to doubt it's really using only 5 watts!)

In all seven cases, it's likely one of the applications has already been granted and the station built on one of the alternative channels.

Call changes

| Was: | Now: | City: | Ch | Was: | Now: | City: | Ch: |
|-------|---------|---------------|----|---------|---------|---------------|-----|
| New | KBPN | Tuskegee, AL | 22 | K55DP | KNRV-LP | Reno, NV | 55 |
| XHTEB | XHUPN | Tecate, BN | 49 | WFBC-TV | WBSC-TV | Anderson, SC | 40 |
| K55HR | KKPM-LP | Chico, CA | 55 | W33BO | WDYR-LP | Dyersburg, TN | 33 |
| K25GL | KBLM-LP | R. side, CA | 25 | W25AE | WKPT-LP | Kingsport, TN | 25 |
| K49DD | KSAO-LP | Sacto., CA | 49 | K66EB | KXPX-LP | C Chr., TX | 66 |
| W32BX | WFNA-LP | Roswell, GA | 32 | KHTV | KHWB | Houston, TX | 39 |
| WWWB | WMOR-TV | Lakeland, FL | 32 | KHSI | KSTR-TV | Irving, TX | 49 |
| W25BI | WOGC-LP | Gd Rapids, MI | 25 | K25GN | KZLD-LP | Laredo, TX | 25 |
| W59AZ | WOHO-LP | Rockford, MI | 59 | KJAC-TV | KBTW-TV | Pt Arthur, TX | 4 |
| KAGR | KFTC | Bemidji, MN | 26 | KBLM-LP | KMHZ-LP | S Antonio, TX | 65 |
| W20BV | WACW-LP | Wilson, NC | 20 | WBJE | WPXO | Chr. sted, VI | 15 |

Note the assignment of a K call (KBPN) in Alabama!

Programming changes

| Call | Location | Programming |
|---------------|-------------------|--|
| WSWS-TV [66] | Opelika, AL | from independent to UPN. |
| XHUPN [49] | Tecate, BN | UPN for San Diego. |
| KQJA-LP [68] | Fresno, CA | was PSN shopping, now seems to be testing with ID color bars. |
| KWHY-TV [22] | Los Angeles, CA | drops morning business news, now all Spanish-language independent. |
| KUSI [51] | San Diego, CA | drops UPN, now straight independent. |
| K32ES | Santa Barbara, CA | new, All News Channel. |
| KJLA [57] | Ventura, CA | adds the morning business news that used to be on KWHY [22]. |
| K26FA | Vista, CA | new, testing with ID color bars. |
| K27FT & K45FF | Twin Falls, ID | sold to religious organization. |
| W09BZ | E. Bernstadt, KY | TBN, America 1, and Shop-At-Home. |
| WEYI [25] | Saginaw, MI | add WB to NBC. |
| W26BZ | Victor, NY | to relay WBGT-LP [40], UPN. |
| K20ES & K24DX | Pendleton, OR | both sold to KWBP [32], WB. |
| WQPX [64] | Scranton, PA | drops UPN, now Pax only. |
| WCNT-LP [65] | Chattanooga, TN | sold to 3ABN. |
| WEEE-LP [32] | Knoxville, TN | UPN. |
| W50CG | Knoxville, TN | sold to 3ABN. |
| K31ET & K43EQ | Marillo, TX | sold to Hispanic organization. |
| K09VO | Beaumont, TX | sold to AIN. |

| | | |
|--------------|-----------------|--|
| K17EK | Brownsville, TX | sold to religious organization. |
| K49DV | Beeville, TX | translator of K68DJ Corpus Christi, Telemundo KAJA*. |
| KSTR-TV [49] | Irving, TX | dropped home shopping to become regular independent, K-Star 49*. |
| K20EK | Kingsville, TX | translator of K47DF, Fox. |

Forum & Other Stuff

Thanks to Willis Monk, Jim Renfrew, Dennis Smith, Danny Oglethorpe, Bill Hepburn, Tom Bryant, Fred McCormack, Chip Kelley, and Fernando Garcia for information appearing elsewhere in this column. Fernando heard about the changes at KTLN [40] while listening to KGBT-FM 98.5. Which goes to show that even if you aren't interested in DXing radio, it pays to at least listen! Fernando has also noted KXPX-LP Corpus Christi has disappeared from channel 66, and a new Pax station has appeared on channel 14 on the same heading. Presumably, KXPX's application to move to channel 14 has been approved.

Also being noted in Monterrey, are a channel 58 with FamilyNet on a Corpus Christi heading (I have no idea!); a channel 21 with Univision on a Victoria, TX heading (K21FG Victoria); and a channel 30 with Univision along the Texas coast, not Austin or La Feria. (My guess is K30DN Freeport, though I've no programming information on this station)

WTRA [16] Mayaguez, PR has been deleted.

Remember the hullabaloo (spelling?) about the new channel 3 station in Tijuana, Mexico? The FCC has now prepared a factsheet on this specific issue. (This is the first time I can recall such a sheet being prepared over one specific case of interference!) You can read it at <http://www.fcc.gov/ib/pnd/mexintf.html>. Basically, this document confirms what's already been written: XHTJB complies fully with relevant US-Mexican agreements.

John Ebeling forwarded an item from the Duluth *News-Tribune* about the Grand Marais translators. These stations (K27FV, W61AF, K63BI, K65BJ, and K67CT) were in danger of going permanently dark due to the poor condition of their 300-foot tower. Now, it looks like Minnesota Public Radio (MPR) and the federal government will be able to save the translators.

The public radio network had been serving this area of northeast Minnesota from a transmitter at the northern tip of Michigan's Upper Peninsula. However, when Cook County's first radio station came on the air in the spring of 1998, it occupied the second-adjacent channel to the Michigan transmitter. The resulting interference problems piqued MPR's interest in building its own transmitters in the area. The Minnesota Legislature granted \$143,000 of state money for the project, which will bring two FM transmitters (one with a news/information format, the other with classical music) to Grand Marais. Another \$7,000 has already been raised locally. At the same time, the federal government is prepared to kick in \$113,000 towards replacement of the tower, since it carries a translator of PBS station WDSE [8]. This grant requires that \$51,000 be raised locally.

Bill has heard that CHMI [13] Portage la Prairie has changed slogans from "MTN" to "A-Channel Winnipeg". Tom has confirmed this with his contacts in Manitoba. It does beg the question "what will the A in A-Channel stand for?", as when the original "A-Channel" stations went on the air it was assumed "A" was for "Alberta"!

Minnesota has its first DTV station. On September 16, KTCI-DT began operation on channel 16. The station is sharing the existing KTCI NTSC transmitter and antenna; the stations operate on adjacent channels. (Sometimes newspaper reporters get "transmitter" and "transmission site" confused; it is likely there are in fact separate transmitters. Then again, it is possible to transmit adjacent channel NTSC and DTV signals through one transmitter.) Fred says channel 16 now looks like an empty channel -- except that there is no longer any adjacent-channel slopover from channel 17. KTCI-DT has had more of an impact on channel 15 than elsewhere.

The news item in the Minneapolis *Star-Tribune* indicates KTCI is not currently interested in high-definition TV, but in "multicasting". They could run on one transmitter the mainstream PBS programming currently seen on KTCA [2]; the repeats/specialty programming/aviation weather currently seen on KTCI [17]; and the PBS Kids Channel. (I wonder, might DTV result in the end of dual-stick PBS operations like WMVS/WMVT Milwaukee? Now that both program streams can be broadcast over one transmitter, maybe there will be no point in building an expensive DTV plant for the second signal?)

It's been a quiet month at the FCC. It could be they're bracing for the big radio merger, which will at some point require a Public Notice of the transfer of control of over 800 radio stations!



NEAR-TRAGEDY ON BALTIMORE'S TELEVISION HILL

(Based on what's usually seen in this feature it would be pretty safe to assume that only *old* topics are fit to print. Not so, as evidenced by this copy from the 9/16/99 Baltimore Sun.)

TV and radio stations and about 100 homes evacuated when construction crane high above TV Hill comes loose...

By Chris Kaltenbach
Sun Staff

Don Scott was anchoring the noon news from a rain-swept street corner when a truck ran over a power cord and left only his voice on the air.

Marianne Bannister and Rod Daniels anchored the 6 p.m. news from a makeshift set the color of Aqua-Velva.

Kai Jackson and Sally Thoner did the 5 p.m. news from the studios of competitors.

That's how Baltimore's TV news looked yesterday, as personnel at WBAL, Channel 11, and WJZ, Channel 13, soldiered on with 12 tons of metal dangling precariously above their studios.

Along with residents of a nursing home and about 100 houses in the Television Hill neighborhood, staffs of the two stations were told to evacuate their buildings.

"This is definitely a first," said WJZ's Jackson, looking back over his 6 1/2 years on Baltimore television, "and I hope a last."

The daylong exercise in televised improvisation began about 9 a.m., when officials at WBAL and WJZ were told that a construction crane and 100-foot antenna had begun to pull away from their moorings atop Baltimore's 900-foot "candelabra" television tower.

Both stations operate from studios on Hooper Avenue, atop Television Hill and at the base of the tower.

Although engineers and technicians made periodic visits to the buildings throughout the day, to ensure that the stations' remote broadcasts were not interrupted, both buildings were effectively emptied by 9:30 a.m.

WJZ broadcast its noon news from a nearby street corner, using microwave trucks and other mobile facilities.

WBAL opted against broadcasting a midday newscast, instead airing an episode of "Murphy Brown."

"We never want to be the story," Bill Fine, vice president and general manager of WBAL, said as he stood underneath an umbrella at his station's makeshift outdoor studio alongside 41st Street.

"We could have done a show; everybody wanted to do a show. But I didn't want to make a wrong decision and put somebody's life in jeopardy."

Evening newscasts...

Both stations were back on the air for their 5 p.m. newscasts.

WJZ moved its operations into a corner of the 41st Street studios shared by WBFF, Channel 45, and WNUV, Channel 54.

WBAL split its operations between a blue van parked across the street from WBFF and the Maryland Public Television studios in Owings Mills.

"I came into work this morning thinking it was going to be a quiet day," said a drenched WJZ Vice President and General Manager Jay Newman.

"By 9 AM, everything was up in the air," added Newman.

Twenty of 24 bolts securing a six-ton construction crane to the top of Television Hill's candelabra tower failed, said Zack Germroth, a spokesman for the city's Department of Housing and Community Development.

The failure left both the crane and a six-ton antenna that it was removing listing noticeably atop the tower.

By midafternoon, however, workers were able to secure the crane. The evacuation order affecting residents of about 100 neighborhood homes was lifted at 4:30 p.m., and officials declared it safe to return to the television stations at 7 p.m.

"We were in some real danger there for a while," Germroth said as the lifting of the residential evacuation order was announced.

Technical upgrade...

Three antennas atop the television tower need to be replaced as part of a technical upgrade paving the way for digital television.

This new method for distributing TV signals and improving audio and visual reception is scheduled to be in place by the end of November.

A helicopter was used to assemble the crane atop the tower Saturday, and workers were preparing to remove the first of the three antennas when the bolts failed.

Three of Baltimore's network affiliates -- WBAL, WJZ and WMAR, Channel 2 -- share use of the tower, but only WBAL and WJZ have their studios atop Television Hill. WMAR operates out of studios on York Road.

TV broadcasts weren't the only ones affected. Both WBAL-AM (1090) and WIYY-FM (97.9) operate out of the same building as Channel 11, meaning that they, too, were forced out on the street.

Both stations remained on the air, though not without difficulty. At WBAL radio, on-air personality Allan Prell broadcast from his home in Northern Virginia. Ron Smith did his afternoon show from the station's facilities at Oriole Park at Camden Yards.

Potential catastrophe...

At late morning, police and fire officials on Television Hill ordered the evacuation of the Alice Manor Nursing Home and Adult Day Care center, as well as the homes in the 3600 block of Malden Ave., 3600 block of Keystone Ave. and 2000 block of Rockrose Ave.

They also blocked all but essential traffic across the 41st Street bridge that provides access to Television Hill.

Battalion Chief Hector Torres, a Fire Department spokesman, said authorities were prepared for a potentially catastrophic event, worrying that the crane could fall off its platform or even topple the entire tower.

Their fears were compounded by the approach of worsening weather conditions associated with Hurricane Floyd. "That of course is a concern," Torres said. "We expect high winds to hit the city."

By early afternoon, he said, private engineers working on the tower had assured officials that the platform could support the crane and that there was little or no risk that things would fall.

"There was a listing of the crane. That's being corrected," Torres said.

Officials had not been told what caused some of the bolts to shear off, he said.

Officials of Structural Systems Technology Inc., the Virginia firm hired to replace the three antennas, could not be reached for comment.

No place else to go...

One of the few residents left in the immediate vicinity of the tower was Leslie Howard, a 47-year-old carpenter who lives in the 2000 block of Rockrose Ave.

He said he was on his way home from work when he saw his daughter Sarah sitting in the family car parked several blocks away.

Sarah Howard, 19, was making plans to spend the rest of the day at her boyfriend's house.

"I'm not frightened. I'm upset over everything I have to deal with," she said.

Howard said he wasn't sure what he was going to do. "I'd like to stay a little longer," he said. "I can't afford a hotel to go to."

(Sun staff writers Sandra Crockett, Eric Segal and M. Dion Thompson contributed to this article)

EASTERN TV DX

November, 1999

Russell Miller
 HC 61, Box 86B
 N. Amity, ME 04471-9622
 email - estvdx@javanet.com
 estvdx@ainop.com

LOCAL TIME UNLESS OTHERWISE NOTED

Roy Barstow, P.O. Box 2488, Teaticket MA 02536

August, 1999

29 Tr 0900 W45- (10 WAVY-VA) NOTE #1

| | | |
|-----------|-------|-----|
| W59CE | 59 VA | 440 |
| W66BZ | 66 VA | 460 |
| W35BH | 35 VA | 400 |
| W18BS | 18 VA | 450 |
| W19BX | 19 VA | 440 |
| WYDO | 14 NC | 562 |
| WNCN | 17 NC | 592 |
| WRAY | 30 NC | 565 |
| W31BG | 31 VA | 440 |
| W39BW | 39 VA | 450 |
| 1100 WUNP | 36 NC | 533 |

September, 1999

01 Tr 0000 CBHT3 11 NS 279
 CBHT2 7 NS 345
 W14BN 14 VA 463
 WRLH 35 VA 463
 WWAC 53 NJ 300
 Panda Network

| | | |
|-----------|-------|-----|
| 0100 WUPV | 65 VA | 455 |
| 0830 WVIR | 29 VA | 486 |
| W36AS | 36 NJ | 250 |
| WNVT | 53 VA | 420 |
| W36AZ | 36 NJ | 240 |

0930 W22BM 22 NJ Box 250
 02 Tr 2000 WFPT 62 MD 390
 WBAL 11 MD 354

W63CO 63 PA NOTE #2
 WTVE 51 PA 289
 WGAL 8 PA 332
 WJZ 13 MD 354
 WGCB 49 PA 334
 WPXW 66 VA 404
 WMDO 30 DC 387
 03 Tr 0025 W52AS 52 MD 380
 WUSA 9 DC 387
 WHYY 12 DE 265

0100 W36BC 36 NJ T 486
 W19BB 19 VA 486
 WHTJ 41 VA 635
 1100 WXLV 45 NC 713
 WJZY 46 NC 255
 2125 WBPB 60 PA 450
 2300 W42AC 42 VA 409

04 Tr 0200 WHTM 31 MD NOTE #3 343
 WGPT 36 MD 480
 0340 WQPX 64 PA 275
 0345 WJAL 68 MD T 409
 Rare Exchange Selling

04 Tr 0410 WATM 23 PA 1/4 CB 414
 0430 W24BB 24 PA A-1 265
 0500 WNPB 24 WV Nova 497
 0515 WKBS 47 PA 450
 0530 CBHT3 11 NS 279
 0700 WNPA 19 PA 457
 0830 WPCB 40 PA 485
 05 Tr 1100 WNEC 17 NY 436
 WTVT 29 NY 436
 CBLFT 15 ON 383
 CICA 19 ON 468
 CIII 41 ON 468
 WXXI 21 NY 371
 1130 WUHF 31 NY 371
 W29BJ 29 NY 345
 CKTM 13 PQ 353

12 Tr 2230 W24CM 24 MA + Off. America's Store

13 Tr 0830 CBHT3 11 NS 279
 WYDO 14 NC 562
 WRAY 30 NC 565
 WUNM 19 NC 577
 15 Tr 0100 CBHT2 7 NS 345
 CIHF 9 NS 408
 CIHF 10 NS 370
 0200 CBHT1 12 NS 343

19 Tr 2255 WNCT 9 NC 540
 Continuous Flood Info

WUNM 19 NC 577
 2310 WUNJ 39 NC 660
 20 Tr 0000 WPXZ 35 NC 577
 WYDO 14 NC 562
 WEPX 38 NC 562

24 Tr 1300 WPDE 15 SC 688
 WUNJ 39 NC 577
 WNCT 9 NC 565
 WVEC 13 VA 450
 W39BW 39 VA 450
 WPXZ 35 NC 577
 WUNM 19 NC 577
 WYDO 14 NC 562
 WFSX 26 NC 660
 WFXI 8 NC 540
 W31BG 31 VA 440
 WEPX 38 NC 562
 W36BK 31 VA 400
 2100 - 22 Rel. E. VA or E.N.C. not TBN
 2145 W18BB 18 NC 490

Note 1 - Maybe (10 WAVY) took over W45BG VA same offset!
 Note 2 - Date L/L and how much tape left on B/R of screen! understand one DX'er saw tape run out and rewind itself.

Note 3 - Some of the Baltimore, DC stations in so strong, some were bleeding onto adjacent channels.

Expecting a 41 ft. crank up tower to arrive tomorrow.

Jim Ayers, 2497 Wind Forest Court, Norcross, GA 30071 jimayers@raider.net

August, 1999

01 Tr 0147 WVLTV 8 TN Knoxville ad 145
 0326 WCCB 18 NC ID 220

07 Tr 0949 WWAY 3 NC calls 345
 08 Tr 2131 W22AC 22 GA GPTV 79
 12 Gw 1854 W32BX 32 GA tp 14

New on air, replacing W22CD, much better signal than 22 had
 20 Gw 1849 WDTA-LP 53 GA religious 14
 New on air, from same tower as W32BX. Really powerful signal. This one will be seen widely.

This is the poorest DX results for August that I've seen in 27 years.

September, 1999

04 Tr 0136 WCGT-LP 16 GA Shop at Home 111
 10 Tr 0737 WGSA-LP 50 GA 223
 0741 W25CQ 25 GA //WGSA-LP 184
 0800 WSRE 23 FL ID 298

12 Tr 0740 WDFX 34 AL 204
 video only over local

25 Tr 1021 WJCT 7 FL 296
 Jax 12,21,25,47,59

Very unimpressive fall, so far. 73, Jim

Ryan Grabow, 178 Falcon Ave., Patchogue, NY 11772 email: rgrabow@suffolk.lib.ny.us
<http://www.freecycle.com/members8/rgrabow/dx.htm>

Equipment: 19" RCA Color TV, JVC HiFi VCR, Radio Shack VU-110XR VHF/UHF antenna w/Archerator

<v> = ID recorded onto videotape
 <t> = logging tentative

July, 1999

07 Es 1800 unID 6 nx, white "6" in a blue square

12 Tr 2315 WMFP 62 MA 149
 WBPX 46 MA 137
 unID 48 probably WGTW

16 Tr 2200 WCTI 12 NC 459
 WVEC 13 VA good signal 329
 WHRO 15 VA 330
 WBOC 16 MD 211
 WUNM 19 NC 526
 WGNT 27 VA 342

unID 31 Valuevision,
 nulled local WPXN
 WTVZ 33 VA 332
 WQAV-LP 34 NJ 123

16 Tr WRLH<t> 35 VA 337
 WEPX 38 NC approx 430
 unID 39 Note 1

severe CCI on ch. 41
 WVBT 43 VA 334
 W45BG 45 VA "PIN" 330
 WXPV 49 VA 330
 WWAC 53 NJ 123

unID 56 Note 2
 WVEC 60 VA Translator 330?
 WACI<t> 62 NJ The Box ???
 WDPB 64 DE 195

23 Tr 2030 WFXI 8 NC 449
 all Norfolk, VA stations in

2300 WWLP 22 MA 95
 WCDC 19 MA 129
 WUNI 27 MA 131
 WLWC 28 RI 110
 WGGB 40 MA 102
 WWDP<t> 46 MA 137
 WGBY 57 MA 95

30 Es 1200 WSIL<v> 3 IL 873
 KYTV<v> 3 MO 1100

14 Es 0900 WPSD<v> 6 KY 879
 KEMV<v> 6 AR "AETN" 1088
 KTVO<v> 3 IA 1020

24 Tr 0730 strong opening from Salisbury, MD to Springfield, MA

August, 1999

01 Tr 2300 the start of a 3-day long tropo opening
 WNEP 16 PA 154
 WYOU 22 PA 159
 WMFP 62 MA 149
 WSHS<v> 66 MA 134

Providence, Boston, Philadelphia, Hartford in also

WFMZ 69 PA 131
 WGBS 57 PA 127
 WGTW 48 PA 127
 WBRE 28 PA 159

02 Tr 0930 WSWP<v> 38 PA First DX as WB159
 2300 WUTB<v> 24 MD 224
 WHTM<t> 27 PA ABC 27 news 207
 WITV<v> 33 PA PBS 207
 WTVE 51 PA Telemundo 154
 WPMT 43 PA severe CCI 207
 WJZ<v> 13 MD 216
 WDCA<t> 20 DC audio only 251

03 Tr 0000 WPXW 66 DC PAX 254?
 unID 53 Note 3
 WBDC 50 DC 250
 WBFF 45 MD 216
 WMPT 22 MD 224
 WBPX<v> 58 MA 151
 1130 DX from north gone
 WHUT<t> 32 DC 251

Note 1 - Airing Valuevision (good reception), program changed to religious at 10:30 (2230). Norfolk, VA?

continued on page 32... 23

WESTERN TV-DX

November 1999

Victor Frank
12450 Skyline Blvd.
Woodside, CA 94062-4554
e-mail frank@horizon.srl.com
(650)851-7031

Dennis Park Smith, 3703 Dixon Street, Santa Barbara, CA 93105-2419 (805)687-7803

This report is for September 1999. Temps were still hot inland most of the time through the month. The marine layer (cool ocean air with associated boundary with hot dry air above) was intact most of the time except Sept 21-23 as noted below.

- Sep 1-2: Very poor, deteriorating
- Sep 3: None
- Sep 3-5: [Out of town, in Wasco]
- Sep 5-6: None (Marine layer reported as deep; i.e., high boundary, 3000+ ft.)
- Sep 7: Very poor, improving (Perhaps shallower).
- Sep 8-9: Variably poor-fair.
- Sep 10: Poor, deteriorating
- Sep 11: None
- Sep 12-13: Variably poor(-fair)
- Sep 14: Poor, deteriorating
- Sep 15: Very poor
- Sep 16: Poor, deteriorating
- Sep 17-20 AM: Very poor (Very deep 3500-4000 ft)
- Sep 20 eve-21 AM: Fair (Boundary rapidly lowered)
- Sep 21 eve-23: None (Backlash from Pacific Hurricane Hillary, some rain, layering blown away)
- Sep 24-26: Poor (Layer return but apparently high)
- Sep 27-28: Very poor, improving
- Sep 29-30: Variably poor (Some UHF fair-good morning of 29th).

New on the air: K23ES, Santa Barbara, testing Sept 17, All News Channel, 24 hours, Sept. 18.

Some left-overs: Three reports ago, Ch. 38 Santa Barbara (KJLA-57 Ventura translator, new June 15-16) erroneously gave call while testing as "K38DX" which is correct now in programming, ID as K38DK.

Info by Doug Smith indicates that my new Ch 3 of Aug 17 & 28 was tropo from XHTJB Tijuana (200 mi/315 km), a new network station of XEIPN-11 "ONCE TV" Mexico City, noncommercial cultural. Rather than by satellite, Doug notes that it could be tape distribution which does seem more likely. And, my apparent Ch. 64 mystery signal continues occasionally on tropo--a DT outlet?

While in Wasco Sep 3 eve to 5 morning, there was a little close-in tropo with KNSO-51 Merced (150 mi) very good morning of the 5th and KQJA-LP 68 Fresno (100 mi) up somewhat. There was no sign this time of Ch 16 Mas Musica TeVe (possibly KI6CW Hanford at approx. 65 mi).

Best of DX to all.

Dennis

24

Fernando Garcia, San Salvador 415, Rincon de la Sierra Cd Guadalupe, NL, 67181 MEXICO
ac001984@acnet.net.
FTD is furthest tropo of the day.
TSLD Total of stations logged of the day.

Equipment: Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60'. 1800' ASL.
No re-logs in the same month, only tropo 500+ miles.

| September 1 | | CDT |
|--------------|---|-----|
| 0700 KXTX | 39 TX Dallas | 518 |
| | KDTX 58 TX Dallas | 518 |
| September 3 | | |
| 0430 KFWO | 52 TX Fort Worth | 522 |
| 0600 KDAF | 33 TX Dallas | 518 |
| | KXAS-DT141 TX Fort Worth | |
| 0615 KETK | 56 TX Jacksonville | 532 |
| | KDFI 27 TX Dallas | 518 |
| 0645 KHSX | 49 TX Irving | 518 |
| | TSLD:TX(7) FTD: TX | 522 |
| September 4 | | |
| | TSLD:TX(1) FTD: TX | 518 |
| September 5 | | |
| | TSLD:TX(4) FTD: TX | 518 |
| September 7 | | |
| 2145 KADN | 15 LA Lafayette | 586 |
| | Rainy night in northeast Mexico and southeast TX | |
| | TSLD:LA(1),TX(1) FTD: LA | 586 |
| September 8 | | |
| | TSLD:LA(1) FTD: LA | 586 |
| September 10 | | |
| | TSLD:TX(1) FTD: TX | 518 |
| September 11 | | |
| 0200 KVHP | 29 LA Lake Charles | 530 |
| | KLPB 24 LA Lafayette | 567 |
| 0630 KMSS | 33 LA Shreveport | 615 |
| 0830 KFXX | 51 TX Longview | 557 |
| | TSLD:LA(3),TX(4) FTD: LA | 615 |
| September 12 | | |
| 0645 KTXA | 21 TX Fort Worth | 518 |
| 0700 KUVN-LP | 31 TX Fort Worth UNI | 521 |
| | TSLD:TX(10) FTD: TX | 557 |
| September 13 | | |
| | TSLD:LA(1) FTD: LA | 530 |
| September 16 | | |
| 0600 WNOL | 38 LA New Orleans | 694 |
| | WLAE 32 LA New Orleans | 694 |
| 0730 WGNO | 26 LA New Orleans | 694 |
| | WPXL 49 LA New Orleans | 688 |
| 0800 | unid ch 14 PAX, coast of TX, hard to know beam as XHOR was strong | |

Western TV DX *F. Garcia's report continues*

| 0830 WUPL | 54 LA Slidell | 705 |
|--------------|---|------|
| | WPML 15 AL Mobile | 838 |
| | WMPV 21 AL Mobile | 842 |
| | WHBR 33 FL Pensacola | 838 |
| 0900 KWB-LP | 39 LA Morgan City WB | 618 |
| | TSLD:AL(2),FL(1),LA(8),TX(2) | |
| | FTD: AL | 842 |
| September 17 | | |
| 0215 WFTX | 36 FL Cape Coral | 1142 |
| | WGCU 30 FL Fort Myers | 1144 |
| | WTVK 46 FL Naples | 1153 |
| | WBBH 20 FL Fort Myers | 1144 |
| 0230 WFLX | 29 FL West Palm Beach | 1238 |
| | WXEL 42 FL West Palm Beach | 1238 |
| | WZVN 26 FL Naples | 1153 |
| 0245 WPXP | 67 FL Lake Worth | 1248 |
| | WFGC 61 FL Palm Beach | 1248 |
| 0500 WRXY | 49 FL Tice | 1142 |
| 0600 WWSB | 40 FL Sarasota | 1108 |
| 0645 WBHS | 50 FL Tampa | 1116 |
| | WTTA 38 FL St. Petersburg | 1116 |
| 0700 WOPX | 56 FL Melbourne | 1189 |
| | WMOR 32 FL Lakeland | 1135 |
| | New calls, cont. more TV32 bt right | |
| 0715 WMAH | 19 MS Biloxi | 770 |
| | WPAN 53 FL Fort Walton B. | 869 |
| | TSLD:FL(16),LA(6),MS(1)TX(1) | |
| | FTD: FL | 1248 |
| September 19 | | |
| 0300 WHNO | 20 LA New Orleans | 688 |
| 0600 WVLA | 33 LA Baton Rouge | 633 |
| 0930 K30EA | 30 TX Texarkana TBN | 651 |
| | KLTS 24 LA Shreveport | 616 |
| | KPXJ 21 LA Minden | 640 |
| | TSLD:LA(8),TX(3) FTD: LA | 694 |
| September 20 | | |
| 0700 KLTL | 18 LA Lake Charles | 548 |
| | This ch. is getting hard to get any DX because of local T band activity | |
| | TSLD:LA(5),TX(1) FTD: LA | 694 |
| September 21 | | |
| | 0030 unid ch 30 UNI, logged frequently in the past //KNV0-48 | |
| 0130 WLPB | 27 LA Baton Rouge | 638 |
| 0230 KLFT-LP | 21 LA Lafayette BOX | 592 |
| 0300 K51EC | 51 LA Lake Charles TBN | 532 |
| | K59DG 59 LA New Orleans TBN | 688 |
| | K69HD 69 LA Church Point UPN | 586 |
| | unid ch 58 with Family Net, Rio Grande City? | |
| | K66FI 66 LA Opelousas TBN | 599 |
| 0315 KLAF-LP | 62 LA Opelousas UPN | 600 |
| 0400 K30EM | 30 LA Houma ind. | 644 |
| 0600 K46DG | 46 LA Lafayette UPN | 587 |
| | K55HA 55 LA New Iberia UPN | 596 |
| | K49DE 49 LA New Iberia TBN | 596 |
| | K56DR 56 LA Baton Rouge TBN | 633 |
| | TSLD:LA(24),MS(1) FTD: MS | 770 |
| September 24 | | |
| 0700 WGMB | 44 LA Baton Rouge | 633 |

| TSLD:AL(1),LA(9),MS(1) FTD: AL | 838 | |
|--------------------------------|---|-----|
| September 25 | | |
| 0115 WNTZ | 48 MS Natchez | 670 |
| | TSLD:LA(15),MS(1),TX(1) | |
| | FTD: LA | 705 |
| September 27 | | |
| 0530 | again ch 14 PAX, it can be Corpus Christi, ch 66 applied to move from ch 66 according to Doug Smith. I have noted ch 66 is not on the air for the last 2 weeks. | |
| | TSLD:TX(8) FTD: TX | 557 |
| September 28 | | |
| 0200 KSHV | 45 LA Shreveport | 616 |
| 0615 KTAQ | 47 TX Greenville | 574 |
| 0700 KLDT | 55 TX Lake Dallas | 544 |
| | TSLD:LA(3),TX(9) FTD: LA | 616 |
| September 29 | | |
| | TSLD:TX(1) FTD: TX | 518 |
| September 30 | | |
| | TSLD:LA(4),AL(1) FTD: AL | 838 |
| | This is my best month of September ever. The 1200 mile opening of Sept. 17 is the first at such distance for the month and for summer. | |

Fernando

| Marvin Shults, RR #1 Toulon, IL 61483 | | |
|---------------------------------------|-------------|------------------------|
| June 1999 | | CDT |
| 21Es 1450 XEFB | 2 NL | |
| | 1950 KMID | 2 TX |
| | 1950 X | 2 TV Azteca SHDF TV 13 |
| | 1955 XHPN | 3 |
| | 2030 X | 5 Televisa XHGC-5 |
| | 2045 XEFB | 2 NL |
| | 2045 XHBC | 3 |
| | 2050 XELN | 4 DU XHGC Canal 5 |
| 22Es 1820 | 2 NND in SS | |
| | 1835 KNAZ | 2 AZ |
| | 1845 KWGN | 2 CO |
| | 1855 KUTV | 2 UT |
| | 1900 KTVS | 3 CO |
| | 1945 KREX | 5 CO |
| | 1958 KIDK | 3 ID |
| | 2015 KSL | 5 UT |
| | 2200 KUTV | 2 UT |
| | 2202 KWGN | 2 CO |
| 23Es 1400 WLBZ | 2 ME | |
| | 1400 C | 3 French cartoon |
| | 1405 C | 2 French, same cartoon |
| | 1430 WGBH | 2 MA |
| | 1432 CBHT | 3 |
| | 1435 WCVB | 5 MA |
| | 1459 WFSB | 3 CT |
| | 1459 C | 4 CBC |
| | 1629 WFSB | 3 CT |
| | 1630 CFAP | 2 PQ |
| | 1630 CFRS | 4 |
| | 1635 C | 5 TQS French |
| | 1635 WSTM | 3 NY |
| | 1815 KMID | 2 TX |
| | 1815 KPRC | 2 TX |
| | 1820 KRGV | 5 TX |
| | 1825 KHII | 3 TX |
| | 2045 XEFB | 2 NL |
| | 2130 X | 2 TV Azteca |
| 24Es 2030 C | 2 | CBC French |

Western TV DX *Marvin Shults's report cont'd*

| | | | | |
|--------------|------|------|-------------------------|-----------|
| 25Es | 1559 | KTVQ | 2 MT | |
| 30Es | 1725 | KWGN | 2 CO | |
| July 1, 1999 | | | | |
| 01Es | 1800 | KFDX | 3 TX | |
| | 1800 | KACV | 2 TX | |
| | 1810 | KMID | 2 TX | |
| | 1835 | KENW | 3 NM | |
| | 1835 | KXTX | 5 TX | |
| 02 gw | 0555 | WHPN | 57WI | |
| 04Es | 1200 | KRGC | 5 TX | |
| | 1200 | KIII | 3 TX | |
| | 1220 | X | 2 "FORO" | |
| | 1230 | X | 4 | |
| | 1300 | WDIQ | 2 AL | |
| | 1456 | XEFB | 2 NL | |
| | 1900 | KBTX | 3 TX | |
| | 1958 | KTXT | 5 TX | |
| | 1959 | KDTN | 2 TX | |
| | 2000 | KRGV | 5 TX | |
| | 2100 | KENW | 3 NM | |
| 05Es | 0959 | KPRC | 2 TX | |
| | 0959 | XEFB | 2 NL | |
| | 1020 | KRGV | 5 TX | |
| | 1025 | KIII | 3 TX | |
| | 1030 | KGBT | 4 TX | |
| | 1055 | XEFB | 2 | |
| | 1100 | KENS | 5 TX | |
| | 1105 | X | 2 | TV Azteca |
| | 1445 | WPBT | 2 FL | |
| | | WEDU | 3 FL | |
| | 1500 | WFOR | 4 FL | |
| | 1500 | WTVJ | 6 FL | |
| | 1545 | WESH | 2 FL | |
| 07Es | 1025 | WPBT | 2 FL | |
| | 1259 | KSVI | 6 MT | |
| | 1330 | CKRD | 6 AB | |
| | 1430 | CFRN | 3 AB | |
| | 1435 | CBXT | 5 AB | |
| | 1435 | CICT | 2 AB | |
| | 1450 | CKND | 2 MB | |
| | 1858 | KWGN | 2 CO | |
| tr | 1900 | KCTV | 5 MO | |
| 08tr | 2030 | WBBX | 20TN | |
| | 2040 | WXMT | 30TN | |
| | 2045 | WHAS | 11KY | |
| | 0410 | WLWT | 5 OH | |
| | | WCPO | 9 OH | |
| | | WAVE | 3 KY | |
| 10Es | 2100 | WCBS | 2 NY | |
| 20 gw | 1800 | WAOE | 59IL | |
| 22Es | 2030 | KTWO | 2 WY | |
| 23Es | 1445 | X | 2 | |
| 26Es | 2000 | WMAR | 2 MD | |
| August 1999 | | | | |
| 08Es | 1159 | WGBH | 2 MA | |
| | 14tr | 2200 | KDLT | 46SD |
| | 15tr | 2130 | KARD | 14LA |
| 16tr | 0545 | WVJ | 62MI | |
| | 0545 | WTVQ | 36KY | |
| | 0545 | CFMT | 69ON | |
| | 0620 | WSTR | 64OH | |
| | 2015 | WQLV | 54PA | |
| | 2015 | WPGH | 53PA | |
| 19Es | 1910 | CPAP | 2 PQ | |
| | 2030 | C | 3 French, same pgm ch 2 | |

Jim Pizzi, 814 Brookhill Dr. Paso Robles, CA 93446

May 1999 PDT

| | | | | |
|-----------|-----------|-------|-------|-------------------------------------|
| 05Es | 0908 | KACV | 2 TX | |
| | | KAMR | 4 TX | |
| | | unID | 3 | |
| 08Es | 0810 | unID | 2 | ABC Winnie the Pooh EST! |
| 30Es | 0905 | unID | 2 | |
| | | 1435 | KMID | 2 TX |
| | | 1440 | KTXtI | 5 TX |
| | | 1445 | KXASt | 5 TX NBC |
| | | 1514 | KWGN | 2 CO WB2 |
| | | 1515 | KCNC | 4 CO Local ads |
| | | 1525 | KOTA | 3 SD Local ads |
| | | 1555 | KAMRt | 4 TX KPIC-4 OR |
| | | | | Mentioned Curry County |
| | | 1610 | KLNE | 3 NE |
| | | 1616 | KHAS | 5 NE WX advisory |
| | | 1621 | KFYR | 5 ND ID |
| | | 1625 | KPRV | 4 SD ID |
| | | 1646 | KTVQ | 2 MT WX |
| | | 1700 | KXMA | 2 ND ID |
| 31Es | 1238 | XEPM | 2 CH | |
| | | 1250 | XEJ | 5 CH |
| | | 1251 | KDBC | 4 TX |
| June 1999 | | | | |
| 05Es | 1510 | unIDs | 2 | Northeast |
| 08Es | 0800 | KLNE | 3 NE | ID |
| | | 0835 | KSNBt | 4 NE Sally Jesse |
| | | 1140 | KASA | 2 NM KASA Fox 2 |
| | | 1143 | KENW | 3 NM ID @ 1200 |
| | | 1209 | KMID | 2TX Logo lower right |
| July 1999 | | | | |
| 05Es | 1109 | KTWO | 2 WY | Promo |
| | | 1110 | unID | 4 CBS |
| | | 1425 | KDUH | 4 NE KOTA ID |
| | | 2000 | KNOP | 2 ND Local News |
| | | 2034 | unID | 2 CBC |
| 13Es | 2059 | KDTN | 2 TX | Calls |
| 14Es | 2100 | KDFW | 4 TX | Fox 4 |
| 28Es | 1100-1200 | unIDs | 2,3,4 | Mexico, mention of Monterey on ch 4 |
| | | 1844 | KOAA | 5 CO ID |
| | | 1931 | KIVV | 5 SD Fox 7 news |
| | | 2200 | CKCK | 2 AB 7 News |
| 30Es | 2108 | unID | 2,3,4 | NNE |

Quite a season for me this year. Vacation in June was in a motel in Whitney, NE (west of Chandron). Noted on motel cable ch 13 KTNE-13 with heavy CCI. After KTNE off, KPSD-13 in S.D. was as strong as KTNE! Another vacation in August was in Fair Haven, NY (west of Oswego) on L. Ont. Noted new KPXJ-51 strong over several days--Watertown 7, 16 & 50 and Syracuse WSPX 56 very weak--worse than WSYT-68 (maybe 56 was still just a xlator then.

73, Jim

Frank Merrill, P.O. Box 669, Macomb, IL
 Equipment: Icom R-7000 with video adaptor (fed into 25" monitor), or Zenith 13" Model 1310 from the late 1970s (one of the best consumer TVs ever made).
 Antennas: VHF mounted "sideways" (vertical) for most Es (either Quantum 1110 or Super Crossfire--I forget which!), or all-band Winegard (8100?--whatever preceded the 8200) at 40'. (Es antenna is at 10').
 Winegard preamps.

Western TV DX *Frank Merrill's report begins*

| | | | | |
|-------------------------------------|------|-------------------|----------------|--|
| April 1999 CDT | | | | |
| 01tr | 0125 | KETH | 14TX | Houston 800 |
| | 0200 | KATV | 7 AR | Little Rock 404 |
| | | KARD | 14LA | W. Monroe 566 |
| | 0239 | KSLA | 12LA | Shreveport 575 |
| | 0248 | KJTLt | 18TX | Wichita Falls 625 |
| | 0400 | Galveston | 22,48, OK City | 14,34,43 508 |
| | 2205 | Huntsville | AL | 19,31 454 |
| | 2230 | WMPX | 28TN | Cookeville 409 |
| | | | other TN | 30/45/53/61 |
| | 2300 | WKSO | 29KY, | WZDX-54 AL |
| May 1999 highest channels ID'ed CDT | | | | |
| 23Es | | WSAV | 3 GA | |
| 26Es | | KNAZ | 2 AZ | |
| 27Es | | WFSB | 3 CT, | CBCP1-3 SK |
| June 1999 CDT | | | | |
| 0TEs | | XHPN/KACB-3 | | |
| 02Es | | KPHO-5 | | |
| 04tr | 0300 | K44 | 44IA | Waterloo 167 |
| | | | | moved from 65. Light tr to MN, Detroit, weak Blue Ridge stuff (59/WV, 68/VA) |
| | 2100 | | | "Up close & ugly with Diigital" (Note #1) |
| 05tr | 0241 | WFBT-LP | 23 IL | Chicago 181 |
| | | | | great ID slide! |
| | | WMBD | 31IL | Peoria virtually gone 60 |
| 09Es | | WMAR/WPBT-2 | | |
| 10Es | | WRAL/WKRG-5 | | |
| 13Es | 1212 | XHWX | 4 NL | Monterrey regional ads 1161 |
| | | | | when breaking away from "TV Azteca" |
| | | 1517 | KOB | 4 NM Albuquerque |
| | | | | highest channel ID |
| 14Es | | KMOL/KXLY-4 | | |
| 15Es | | KFBB | 5 | |
| 17Es | | KTVM | 6 | |
| 18Es | | WUFT/WPTV-5 | | |
| 22Es | | KSVI-6/KSL/KOAA-5 | | |
| 23Es | 1527 | WLNE | 6 MA | New Bedford 1010 |
| | | | | high channel today |
| | 1641 | CBFAT | 5 QU | Chibougamou 1029 |
| | | | | SRC, + offset |
| | | CHAU | 5 QU | Carleton 1271 |
| | | | | SRC, zero offset (Parallel, fighting it |
| | | | | out. Quebec & Fredericton both minus. CPER-2 not SRC) "skip most of day; too busy on FM" |
| 24Es | 2317 | KFBB | 5 MT | Great Falls highest today |
| | 2318 | CKAL-1 | 2 AB | Lethbridge 1256 |
| | | | | "A" channel, minus offset, news |
| 25Es | 1134 | XHQRO | 2 QR | Cancun 1355 |
| | | | | calls floating on XHY?/KTVI/KGAN |
| | 1200 | XHMEN | 4 YU | Merida 1348 |
| | | | | calls in upper right for a while |
| | 1213 | XH | 2 unID | "Mil Television" |
| | | | | perhaps an XHY combo with XHML-92.1?? |
| 26Es | 0953 | CBLT | 5 ON | Toronto 620 |
| | 1030 | CIH | 4 ON | Owen Sound 572 |
| | | | | "Global"/nothing local, + offset |
| | 1116 | WLNE | 6 MA | New Bedford 1010 |
| | 1933 | WDSU | 6 LA | New Orleans 710 |
| | 2045 | KIDY | 6 TX | San Angelo 890 |
| | 2048 | KAUZ | 6 TX | Wichita Falls 620 |
| Finally! | | | | Ford ad, calls. TX low-band now completed. |
| | 2050 | | | 6 NM Carlsbad 936 |
| | | | | "KOAT" copious Es today, relogs not listed ch. 5 and below. |
| 27Es | | WFSB | 3 | |
| 28Es | | KNAZ/KASA-2 | | |
| 29Es | | XHWX | 4 | |
| 30Es | | KRIS-6, | | WPTV/KRGV/KENS-5 much on FM |

| | | | | |
|---------------|------|--------------|--------------------|---|
| 30tr | 1900 | WHPN | 57WI | Janesville 176 |
| | | | | "quickly wore out its welcome." |
| July 1999 CDT | | | | |
| 01Es | 1100 | KTXT | 5 TX | Lubbock 775 |
| | | | | Much more Es, most of the day |
| 02Es | 2209 | KSVI | 6 MT | Billings 970 |
| 04Es | | Highest Es | KFDM (rare)/WDSU-6 | |
| | | 1902 | XHWX | 4 NL Monterrey 1160 |
| | | | | and another Azteca, also - offset |
| 05Es | 1024 | KTBS | 3 LA | Shreveport 575 |
| | | | | New on Es, formerly logged via tropo |
| | | 1030 | Valley 4,5 | soon replaced by San Anton. |
| 06Es | 1725 | WFIL | 6 PA | Phila. absurdly rare 821 |
| | | 1840 | WTVR | 6 VA Richmond " " 738 |
| | | 1915 | WECT | 6 NC Wilmington 822 |
| | | | | incredible amounts of Es today, way too busy on FM to do much on TV; no Hi-band or weather (I was looking!) |
| 06tr | 2145 | WMFD | 68OH | Mansfield 428 |
| | | | | strong KS 11/27/38 |
| | | | | Kansas City 29 snowfree 300 |
| | | | | 240 |
| 07tr | 0000 | WSFJ | 51OH | Newark 437 |
| | | | | K.C./Kansas still strong too |
| | 0110 | Indianapolis | DTV-46 | blinking channel |
| | | WNDU-DT | 42 | blinking channel |
| | 0340 | WFLD-DT | 31 | nearly burying WMBD |
| Es | 1115 | WRAL | 5 NC | Raleigh 728 |
| | 1132 | KWGN | 2 CO | Denver "WB2" 780 |
| | 1200 | KGWL | 5 WY | Lander "KWGC" 945 |
| | 1230 | K06AT | 6 WY | Sheridan "K2" logo 881 |
| | | | | See note #2 |
| | | 1231 | KSVI | 6 MT (assumed) suddenly 970 |
| | | 1300 | Billings area | IDs 2,4,6 |
| | | 1308 | KXGN | 5 MT Glendive (assumed) 838 |
| | | "Q2" | | weather, way too strong for a translator) |
| | 1320 | CHAT | 6 AB | Medicine Hat 1177 |
| | | | | "on Chat 6 & 3" MINUS, not zero offset as listed, #1 Es wanted! |
| | to | 1400 | all 3 SAs | took turns on 6 . . . |
| | | 2100 | C??? | 4 SA (note 3) may be relog |
| 08tr | 0100 | WHBQ | 13TN | Memphis 369 |
| | 0111 | KPOB | 15MO | Poplar Bluff 256 |
| | | | | way atop, an easy one to "forget" |
| | | W36AM | 36TN | Memphis "The Box" 369 |
| | | | | full powers atop, or trying |
| | 0121 | K62DA | 62MO | Malden w/WREG-3 271 |
| | | | | how did I miss this one before? |
| | 0124 | unID | 67 | America's store, sorta towards Memphis |
| | | 0144 | K46CZ | 46MO TBN 311 |
| | | 0148 | K45E1 | 45AR Bentonville religion 341 |
| | | 0153 | K43CJ | 43AR Mountain Home TBN 299 |
| | | 0156 | K54ER | 54AR Jonesboro TBN 319 |
| | | 0201 | WMC | 5TN Memphis "atop KSDK" 369 |
| | | 0247 | WQTV-LP | 46 KY Murray ANC 294 |
| | | | | WHSL--IL off, don't know why |
| Es | 1854 | XHY | 2YU | Merida 1348 |
| tr | 2025 | WTVQ | 36KY | Lexington snow free 369 |
| | | | | Louisville, Nashville, Cincinnati areas |
| | | WNPX | 28TN | Cookeville 409 |
| | 2049 | W66 | 66IN | Mount Vernon w/KY-19 228 |
| | | | | Madisonville, that is; same as 67 |
| 09tr | 0040 | WQHS | 61OH | Cleveland 474 |
| | 0350 | WHIO | 7 OH | Dayton (on top) 343 |
| | | 1500 | KSNB | 4 NE Superior 391 |
| | | | KHAS | 5 NE Hastings 405 |
| | | 1709 | KBSH | 7 KS Hays 473 |
| | | 1713 | K48 | 48KS? ValueVision |
| | | 1736 | KOOD | 9 KS Hays brief note 4 473 |
| | | 1840 | K26CR | 26MO Kansas City 240 |
| | | | | America's store--rare |

Western TV DX Frank Merrill's report cont'd

2006 K61GC 61KS Wichita 406
calls in lower left; religion
Es 2044 WCVB 5 MA Boston 1024
10Es 1930 CKCK 2 SA
11tr 0152 K49FC 49MO St. Louis 3ABN 130
Moved from former channel 48
0424 W36 36IN Evansville 3ABN 238
I probably have already logged this; this assures I do..
14tr 0221 N.E. Oklahoma 44, 47, 53 400+
0248 W29BN 29IL Elgin TBN 165
1920 WKOW-DT 26 WI Madison 194
Totally killing channel. Some west MI U's, WOOD-8
15tr 0121 WBKB 11MI Alpena CCI (0300 ID) 486
N. MI pair 33/45
16 Es 1944 WPBT 2 FL Miami Major skip day 1182
17-18 tr 2000-0300+ Many Wis to Wausau, Eau Claire MN Twin Cities LPTVs 53/69 near end
18Es 2000 WMAR 2 MD
2200 WFSB 3 CT
2200 KTVS 3 CO 3 & 5 ID
19 local 0058 WAOE 59IL Peoria Colorbars ID 60
Doesn't get out see note 5
22Es 1800 CBFT/CFAP-2, CBOT-4
23Es morning WBZ-4, two others
24tr 1755 K45 45IA Marshalltown 161
(displaced from 39 by Newton IA PAX)
1900 WKOG-LP 31 IN Indianapolis 243
topping WMBD, into Christian Science
1900 "widespread tr, all northerly directions to 350 miles, strong" not my favorite type, but at least "selective" on FM band.
25tr 0007 K60DS 60MN Rochester TBN 264
0400 WACOM 67KY Morehead 418
AIN-TV Net (not America One)
0415 WMPbt 67MD Baltimore 749
weak, brief PBS same as Muncie-49
0530 W62CL 62KY Lexington Shop@home 369
0544 45/48 NC Piedmont 600+
0630 WKFT 40NC Fayetteville 743
call-letter jingle on a relig. station? I'll take it!
0700 WRDC 28NC Durham 709
ID, plenty UPN 28 promos
26tr 0030 WUCT-LP 51 OH Dayton 343
infomercials; WRGT-45 perfect not //Bloomington-63, which Indianapolis has.
0103 "W59AW" 52 TN Nashville 364
I somehow doubt these calls, though shown on 3/4 colorbars (note Jeff logs this as W52CT)
0142 K43 43IA Des Moines 173
"The Box" (see 0424, July 11, same comment, this will all be sorted out when I finish posting this stuff.
0200 Atlanta GA 36 (colorbars), 69 578
0229 W35AH 35TN Jackson TBN 349
0346 WDGALP 47 GA Dalton 501
America One Television
0355 WSSST 55GA Cordele Shopping 701
0400 Shepherd's Channel
0356 WXTX 54GA Columbus c/bar TP 635
0405 W55BM 55GA Marietta 561
color bars, same as WHSG-63
0417 WCLP 18GA Chatsworth c/bar ID 508
Rare (nobody goes off) Probably Atlanta DTV 10, 19, 39. Probable Birmingham DTV on 22
0438 WMAZ 13GA Macon GA weather 655
map, "zero" to superstrong, WCEE, constant clock/temp., aMAZing!
0520 WAGA 5 GA Atlanta 578
"WTVF-TN soon took over"

0630 WDCN 8 TN Nashville 364
first timer for VIDEO to be on top
0705 Huntsville AL TBN-67 454
Es 0618 CKCK 2 SA round "CTV" test pattern
1800 KDFW 4 TX Dallas Fox 4, rare 630
KENS 5 TX highest channel today
27Es most of day, highest channel ID KRIS-6
1915 WCIV 4 SC Charleston now ABC
28tr 2353 K59FN 59MN Jackson w/Mpls. 29 310
2356 K53EV 53MN Jackson w/NBC 310
KARE? relog
29tr 0003 K51EN 51MN Jackson w/KMSP-9 310
0022+K69DP 69MN Granite Falls 390
weather map overnight, CW IDs (relog)
K65BA 65MN Granite Falls CNN/STV 390
K63AU 63MN Granite Falls KMSP-9 390
K67AN 67MN Granite Falls KSTP-5 390
K45DJ 45MN Granite Falls ESPN/STV390
K56BZ 56MN Appleton w/KARE-11 423
K59BE 59MN Granite Falls w/WCCO-4, I think (my notes got a tad confused in the frenzy 390
K68BJ 68MN Redwood Falls 357
w/KARE-11 or WCCO-4 (notes still goofy)
0100 K65FW 65MN Frost w/WKWC-10 273
Pioneer Public TV
0141 K19CA 19MN St. James 322
w/KEYC-12 colorbars ID
0208 K67FM 67NE Omaha w/EWTN 287
0258-0400 many new NWS stations 162 MHz
all WI and IN—none from MN!!
0425 K60AD 60MN Window PBS, "+" 328
0508 WJMN 3 MI Escabana 409
atop, first time in 8-10 years
0558 W67AC 67WI Darlington 157
w/Wis. Public TV ID
1830 KABY 9 SD Aberdeen (their CCI) 526
KARE 11 MN Minneapolis (on top) 339
1843 KSAX 42MN Alexandria (strong) 420
2013 WAOW 9 WI Wausau 317
atop WWTV CCI
30tr 0002 K54AC 54MN St. James w/WCCO 322
0015 central MNs 42,43
0029 K69DP 69MN Granite Falls 390
weather map, "K-95.3" FM audio, also 67, 65, 63 from there.
0035 K47EA 47MN Granite Falls w/USA 390
0044 K22DD 22MN Granite Falls TNN/STV 390
K53EV 53MN Jackson w/KARE 310
Very weird to see some of this very same stuff exactly 24 hours later.
31tr 0120-0500 much Detroit, Toledo area stuff including Toledo-68 TBN, W45AG-IN, digital hash 41/42/44/45/46/20/58
Es 2036 WECT 6 NC not much other stuff
tr 2222 K48?? 48MO? Valuvision (is this the displacement for former ch. 29?) other KC/Topeka.
August 1999
01tr 0100 K45CQ 45IA Council Bluffs/TBN 278
0138 KGIN 11NE Grand Island (snowfree) 404
0204 K 7 KS Hayes 473
Lane County weather warning map
0226 K67FM 67NE Omaha w/EWTN 287
0312 W19BN 19OH Defiance (Bull board) 334
0500 KELO 11SD Sioux Falls (snowfree) 369
1805 KMNE 7 NE Bassett (on top!) 482
1925 Mitchell SD—New state—NWS on 162.45
2036 KPTH 44IA Sioux City 328
Hello?? When did this come on??
2138 K61GA 61NE Omaha w/3ABN 287
2212 AR NWS stations (new state) 162.45/5
2334 KMTV 3 NE Omaha 287

Western TV DX Frank Merrill's report cont'd

not seen in years
02tr 0031 K24AC 24NE Falls City w/KUON-12 245
0035 KLKE 24NE Albion signing off 331
forgot to log before
KLKN 8 NE Lincoln Nat Anthem, 717
too. I consider this a far-enough move from Albion to "count" as new
0059 K 7 KS Hays (again??) 473
0224 KATV 7 AR Little Rock 404
0233 K36DF 64MO Joplin w/KNLJ-25 311
Jeff heard "...DF" CW ID, so mkust still be automated for this old(?) ID
0246 K22 22AR Little Rock 404
This, per Jeff; I don't have calls.
0331 K21AP 21KS Topeka 284
0515 KHOG 29AR Fayetteville 358
2004 KUON 12NE Lincoln 317
Good enough to watch Antique Road Show here, but opening soon died.
03 Es 0903 XEFB 2 NL Monterey 1161
1040 XHBQ 3 ZA Zacatecas rare 1408
Call-letter Chiron on screen
04Es 0900 KENW 3 NM
KDBC 4 TX
07Es 1754 WPBT 2 FL again, what a wonderful birthday present!
08-09 tr 2130-0100 Ohio 44 (Lima)/61/45(Alliance) Sioux Falls 11,13(almost),46
0115 Lawrence KS LPTV 14 263
1950-2200 some stuff to Blue Ridge 47/59/68
Kentucky KETS 52-53-54; WEMT-39 TN;
possible NC CCI on 45 against Dayton
2211 WMSY 52VA Manion 553
much rarer than the 47
2214 WSL 10VA Roanoke 617
taking turns atop, with WTHI
2246 unID 60 with Jenny Jones. What is this?
10tr 0029 WVAH 11WV Charleston 504
Second time ever)
0100 WJTS-LP 27 IN Jasper 244
America One Television
0133 WQTV-LP 46 KY Murray w/ANC 294
opening gradually faded by 0500
11tr bizarre 0110 KWCM 10 MN Appleton 426
their recognizable CCI
KRWF 43MN Redwood Falls (CCI) 362
0800 still there both, no change, but: no other dx whatsoever!
14Es 1333 an "XHGC" on channel 2
14 tr even stranger!
1721 Siouxland 4/9/14/11/46/etc. 300+
1800 WABG 6 MS Greenwood 480
What?? Not all that much DX, period...
2108 Tulsa market 11/44 410
Siouxland stuff persisted all evening
15tr 0035 Sioux Falls 11,13 still battering IAs 369
0038 KABY 9 SD Aberdeen nearly on 526
top (all day) some form of tr, such as KTWU-11 304
1712 WUAB 43OH Lorain eating WYZZ 449
1716 WBXN 55OH Akron blasting in 481
but no WEA/O! Huh??
1752 London ON 45,69 510
1803 WSYT 68NY Syracuse 770
quite strong at its peaks
1853 WPGH 53PA Pittsburgh 561
formerly common; first time in years, why?
1953 WLF 68VA Grundy 510
2150 WLMB 40OH Toledo 381

Directional, away from us...
2251 C 51 ON Note 6 ON-TV bug in lower right
0110 CBLFT 68ON Sarnia 461
0215- Buffalo NY on 49 630
0241 WCOV 20AL Montgomey strong 608
0303 W 19PA Jeanette 580
Shop at Home (similar to KLKN-8; I consider this far enough from Johnston)
0323 W66 66IN Mount Vernon
Value Vision; or is this something much better?
0355 Binghamton-34 (still WBJA?) 775
0410 WPXI 11PA 561
0415 Another new NWS state KY-162.525
Lexington, or relay of a Lexington
0424 And another PA! (Butler Co. Airport NWS on 162.425) 550
0430-0500 WOU 44 OH Cambridge 480
color bars, rare
WUNF 33NC Asheville (unc bars) 567
Altoona-47, Youngstown-21,33 etc.
0530 Erie PA-66 overriding WGBO 562
much, much more... WGTU-29 blasting in.
1050 WLNS 6 MI Lansing (rare) 352
1900 similar to morning stuff, +CITY-57 620
southern stuff gone
16tr 0640 W45BC 45MI Crystal 330
0649 W68CN 68MI Crystal 330
0656 W51BX 51MI Crystal 330
Various STVs, thanks for call Jeff!
also WBKB-11, WJRT-12, Detroit UHF's
22tr 0456 KWKB 20IA Iowa City (c/bars ID) 90
0459 K31 31IA? Iowa Falls? Some kind of news channel. May be relog
31tr 2000 stuck on a deadline, had to ignore obvious FM tr opening (WCCO-4, etc.)
2248 WBKP 5 MI Calumet "Now I'm looking! 482
2258 KBJR 6 WI Superior 440
September 1999
01tr 0300 excellent conditions to Toronto 620
(19, 47, 57 — also London etc.)
0354 W31BW 31OH Masury 530
"Fox 31 & 62" into Newlywed Game
0147 WUN- 31NC Lumberton 756
"UNC-TV" c/bars, a complete shock!
0202 WUNJ 39NC Wilmington 822
"UNC-TV" c/bars through the mess Note 8
0657 WNMU 13MI Marquette atop WREX 452
"massive U.P. FM opening this AM"

Wow! What a season! I quickly count TEN new Es stations, after three consecutive prior seasons where I barely logged one or two new each season; also nearly all of the good tr openings have been to rarer areas (North Carolina, deep Minnesota, deep Georgia, etc.)! Copious DX this year caused me to end up canceling almost all summer travel, because I get real busy with selling records via Catalogs; if DXing soaks up a lot of time, it is usually the later-on traveling which gets the short end. I was certainly happy to see a decent season this year, though. Due to DTV, this may literally have been the last season for things like WUNJ-39, Little Rock LPTV on 22, etc. to even be possible. More than 70 new stations in a season (and close to 200 on FM) is something I never expected again, and I'm not even counting the DTV stuff that I can't decode. I still need CKAL-5 Calgary, so maybe I've saved myself at least something to log next year to avoid a complete Es shutdown, hi. (And, will Fredericksburg-TX ch 2 ever hit the airwaves? Most-wanted stations are still WDTV-5 WV

Southern FM DX



John Zondlo - 4009 Driftwood Circle - Yukon, OK 73099
 Jpzondlo@aol.com - Deadline: 10th

For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA,
 MD, MS, NC, NV, OK, SC, TN, TX, UT, VA, WV, Cuba & Mexico

November 1999

Western TV DX *F. Merrill report concludes*

(most likely via tr) and WHNS-21 NC (definitely NOT via Es, hi), though some heavies (CHAT-6, WBKP-5 a newer addition, and KAUZ-6 got knocked out this year. Though translators/LPTVs are generally better catches due to much lower power, it is generally the full-powers, especially "old" ones, that give me the biggest thrills. Now all I need is a really good opening to Baltimore, Salisbury, etc.; especially a lot of stuff I need in the Washington DC market (14/26/32/53/66, at least, are still possible), though none of this stuff is "up there" with the others in terms of want, though they would be better catches than (say) KAUZ-6 was! Does that make any sense? I didn't think so. (CHAT had never been logged from anywhere before, for me.)

Notes:

1. (2100, June 4) With Chicago coming in quite well on UHF's, this was my first experience with the effects of DTV on analog DXing. A presumed WFLD-DT-31 was making WMBD (60 miles) fade almost completely into "pale snow." The repercussions of this have become much clearer (er, snowier?) as the summer has progressed. It is quite obvious when Detroit is coming in well; I have seen channels 42/44/45 "completely blank" (after WSNS-44 went off) from Detroit DTV hash; Jeff even saw this happen on channel 58, which is a rather crowded place. His next report will, of course, include DTV loggings--he is testing a decoding card from Hauppauge Industries and he has had interesting results. As channels fill up with DTV signals, I believe that ALL channels will become "snowy" during most tropo openings, erasing most of the video CCI cues, etc. that we have learned to rely on. During the good Georgia opening, I even saw obvious DTV degradation on channel 10 at times; I have a LOCAL there! "Weak bars against WRGT-45 OH" (indicating, possibly, WBFF Baltimore) simply may not be seen. Indeed, even something like WRGT could become a great catch if (say) Springfield IL and Indianapolis put DTV's there, followed by Cedar Rapids. None of us know, yet, what'll happen when TWO DTV stations go up against each other, but I suspect Jeff will know soon.

2. (1230, July 7) There are more than one "KTWO"s on 6, but this is the most powerful one--about 250 Watts, I think--and very much where the skip was coming in from, so I'll count "KTWO"-6 only one per channel! My first U.S. translator via Es, but my CBWFT on 5 from Thompson MB a few years back is essentially one; about 100 Watts ERP. Canadians assign "real" call letters to tiny stations, even 5-Watters, which would be translators in the U.S. Also, note the timing on this--there was the K2 logo, real weak, then immediately bang! there was KSVI, completely blasting in.

3. (2100, July 7) CIPA (Channel 9, Prince Albert) logo seen here at ID time! Do they have a new relay station on Channel 4? Or could it have been CKBI-3 Greenwater Lake (a relog), with some sort of cross-promotion? I don't know if CKBI, CIPA are co-owned or not. Some sort of cross-promotion probably explains how Jeff Kadet saw CKPR call letters on ch. 4 (CXHFD Thunder Bay presumed) about ten years ago--those stations are co-owned.

4. (1736, July 9) This note refers to the tr opening in general, not to KOOD. This was one of those rare openings

which seemed to be much more effective on VHF/FM than on UHF. For instance, no Salina-18 which should've been blasting in, local KLJB notwithstanding. Because the TV dial is generally much less cluttered, though, I am more likely to have logged most of the stations from a given region already. Often I end up complaining the other way (that UHF is "cooking" and nothing's happening on FM; Detroit/Canadian tr openings are particularly notorious for this contradiction). There was a period a few years back--I'd have to check, maybe 1990/1991??--where I went close to TWO YEARS without any real FM tropo, so I am grateful for these kind of openings, even if it doesn't do much here on TV. It will be noted that the low-banders appeared early (@1500), before much happened on Hi-Band/UHF.

5 (0058, July 21) Something's odd about this station. Two months later (this is written on September 22), unless this has changed the last several days, they still do nothing but to run 22 hours of color bars (with nice ID--DXer friendly!) and two hours of UPN programs. What year do they think we're living in, anyway? 1951? Hi.

6. (2251, August 15) I know nothing about the location for this, but in talking with Gary Siegel's observations from Toledo, OH, we believe this to be close to Lake Erie. It cannot be in London (they have a 53), but it could be 40 or 50 miles out. We suspect Tillsonburg or Simcoe (or maybe St. Thomas, if transmitting south of there) to be most likely location. His observations in Toledo are that his reception of this are dramatically Lake-effect type.

7. (0354, September 1) Jeff Kadet postulates this as the most likely, but neither of us know the status of either channel. (I see Masurry/62 on an older, but not a newer, listing.) Very oddly, Jeff was not able to pull this one out at all; usually his more-directional dish gives him a good advantage on separating stations--in this case, having to cope with some signal from WFLD-DT and CITY2, and an intermittent Ann Arbor. I don't understand this; can 2 1/2 miles make that much difference on a 550-mile tropo duct?

8. (0202, September 1) This was, uh, another "typical" North Carolina opening--STRANGE!! The behavior of NC openings here is almost always downright bizarre, often lasting for just a few minutes, and often bringing in only two or several stations with other really obvious stuff missing. We have to attribute these two catches to Hurricane Dennis...SOMEHOW...but how? Nothing else was happening even remotely in that direction--no "Blue Ridge stuff," no Chattanooga or Asheville, no Lexington, then suddenly there's this tone on 31. And these did, indeed, last for only about 20 minutes. Asheville is the only part of NC which "acts normal" in its rare occasions, and even that cannot be counted on. I presume that "ducting over mountains" is extremely fickle, and that it may well get over a 5,000-foot peak but be stymied by a 3,300-foot peak only a few miles to the side of the path. In contrast, the July 25 opening DID almost act "normally" for a duct, maybe the first-ever Piedmont opening here that actually made any sense. Part Two: This was the first time we have noted WMBD completely off, in years. However, since September 1, they have gone off at other times, including "way too early" such as before 0040, and they occasionally have video problems.



Tim McVey - KR4PP
 5471 Beechtree Dr.
 Warrenton, VA 20187
 tkmcvey@erols.com
 EDT

Pioneer TX-7500 w/modified IF, SCA, etc. Probe 9 antenna at 25' on rotor. All new.

9/3 Tr

Thanks to Hurricane Dennis, we got a bit of DX just before 3 days of good soaking rain to end our drought.

- | | | | |
|-----------|-------|----|---|
| 0728 WJFD | 97.3 | CT | New Bedford, SS, local ads 414 |
| 0731 WFCC | 107.5 | MA | Chatham, "Cape Classical 107.5 WFCC" 457 (Tr record) |
| 0737 WBEA | 104.7 | NY | Montauk, "The Beach" 344 |
| 0744 WCIB | 101.9 | MA | Falmouth, "Cool 102," www.cool102.com 425 |
| 0750 WTYD | 100.9 | CT | New London, "Light Hits 101 WTYD" 350 |
| 0751 WBSQ | 102.5 | NY | Bridgehampton, "102.5 FM," AC 320 |
| 0754 WQRC | 99.9 | MA | Barnstable, "WQRC," wx, ads, m, signal level at 400uV for several hours 440 |
| 0759 WDRE | 98.5 | NY | Westhampton, ID 311 |
| 0800 WPRB | 103.3 | NJ | Princeton, c, ID, 400 uV at my tuner is stronger than Washington DC locals! 194 |
| 0801 WCTY | 97.7 | CT | Norwich, "CTY news" 352 |
| 0806 WHFM | 95.3 | NY | Southampton, pr, "95.3 WBAB" |
| 0811 WRSU | 88.7 | NJ | New Brunswick, k, "WRSU Rutgers" 212 |
| 0930 WBZO | 103.1 | NY | Bay Shore, "B-103" 278 |



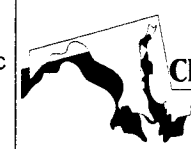
Stephen Ponder
 P.O. Box 890442
 Houston, TX 77289-0442
 n5wbishop@blkbox.com
 CDT

Radio Shack DX-398, Sangean ATS-803A, GE SuperRadio III, Radio Shack FM dipole antenna

10/7 Tr

- | | | | |
|-----------|------|----|--------------------------------|
| 2044 KWRD | 94.9 | TX | Arlington, "The Word 94.9 FM," |
|-----------|------|----|--------------------------------|

- | | | | |
|--------------------------------|-------|----|--|
| Night Light Kids Club, CCM 235 | | | |
| 10/8 Tr | | | |
| 1933 KQID | 93.1 | LA | Alexandria, "Q-93," "Q-93... smooth as a baby's butt," dance/top 40 225 |
| 1943 KIVY | 92.7 | TX | Crockett, "Real Country 92.7 KIVY-FM," Crockett Bulldogs football, k 121 |
| 2007 KOYN | 93.9 | TX | Paris, "Your Country KOYN," phone dedications, k 294 |
| 2026 KWLW | 107.1 | LA | Many, "Your Country Music Connection, K-107," political ad for Louisiana senate district 31, k 174 |
| 10/10 Tr | | | |
| 2238 KTCX | 102.5 | TX | Beaumont, "After Dark on Magic 102.5," local ads, UC 60 |
| 10/11 Tr | | | |
| 1548 KMKS | 102.5 | TX | Bay City, "Texas Hot Country 102.5," local ads, k 82 |

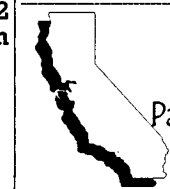


Gus Mancuso
 5706 Greenleaf Rd.
 Cheverly, MD 20785-1112
 (301) 583-0531
 EDT

9/18 Gw

- | | | | |
|-----------|------|----|---|
| 0115 WDAV | 97.5 | MD | Cheverly, \$, pirate //1620, typical underground free form rock format that characterizes may pirates. Only broadcasting on Friday nites. Since I am within 1/2 mile of them it is difficult for me to estimate power. AM signal very weak, perhaps one watt if not less. |
|-----------|------|----|---|

Now at 398 total with 72 in Maryland. I did not get any enhancement from Hurricane Floyd.



Jim Pizzi
 814 Brookhill Dr.
 Paso Robles, CA 93446
 PDT

5/30 Es

- | | | | |
|-----------|------|----|--------------------------------------|
| 1437 KNFM | 92.3 | TX | Midland, "Permian Basin Dateline" ad |
|-----------|------|----|--------------------------------------|

Southern FM DX

Pizzi continued

| | | | | |
|------|-------|-------|----|-----------------------------|
| 1440 | KJAK | 92.7 | TX | Slaton, g |
| 1441 | KXTQ | 93.7 | TX | Lubbock, SS & EE ads |
| 1444 | KEJS | 106.5 | TX | Lubbock, SS |
| 1455 | KJIN | 92.3 | TX | Farwell, ID |
| 1500 | KKQR | 94.5 | NM | Gallup, calls |
| 1501 | KLVOI | 97.7 | NM | Belem, SS |
| 1504 | unID | 95.1 | ?? | ??, SS |
| 1510 | KRST | 92.3 | NM | Albuquerque, calls |
| 1511 | KRKZ | 93.5 | OK | Altus, auto ad |
| 1517 | KRMN | 92.7 | TX | Shamrock, calls |
| 1559 | KMNE | 90.3 | NE | Bassett, NE Public Radio |
| 1600 | KWIT | 90.3 | IA | Sioux City, calls |
| 1616 | KMTY | 97.7 | NE | Holdrege, calls, "Might 97" |

7/28 Es

| | | | | |
|------|------|------|-----|--------------------------------|
| 1847 | KDGB | 93.1 | KS | Pratt, ID @1909 "The Big Dog" |
| 1849 | KOEZ | 92.3 | KS | Newton, ID @ 1902 |
| 1850 | KRPB | 93.9 | KS | Dodge City, ads |
| 1852 | KICI | 95.1 | KS | Wichita, ads |
| 1857 | unID | 92.7 | ?? | ??, "Rock 92 dot 7" @1915 |
| 1858 | KQSR | 94.7 | OK | Oklahoma City, calls, ID |
| 1859 | ?? | 92.7 | KSt | ??, xltr? very strong |
| 1924 | KLAN | 93.5 | MT | Glasgow, "Mix 93," calls @1932 |
| 1939 | KIDD | 98.5 | MT | Billings, "K-Bull," local ads |
| 1946 | KYYV | 92.9 | ND | Bismarck, calls, "Y-93," ads |
| 1949 | KVCK | 92.7 | MT | Wolf Point, ID |
| 1953 | KTHC | 95.1 | MT | Sidney, ads |
| 1959 | KZIN | 96.3 | MT | Shelby, ID |
| 2000 | KCAD | 99.1 | ND | Dickinson, ID |

November 1999

Just a couple of days of Es noted here. Not much time available. Took a vacation to Omaha in July and Rochester NY in August. DX with FM radio on Rochester trip, at 37,000 feet with antenna fully collapsed, ranged out to 250-300 miles. Noted Omaha FM in eastern WY on the way back and had most Las Vegas NV FMs in Utah just west of Salt Lake City to CA border. Very interesting. 73's, Jim.



From the editor

Looks like the season is pretty much over. Now is the time to look for those openings that come up out of the blue. November has had occasional Es openings. And remember the meteor scatter event of the year, the Leonid shower. It should peak around the 17th-18th. Was quite a site to see here in Oklahoma last year. See y'all next month!

EASTERN TV DX

...continued from page 23

Note 2 - Showing America's Store, video weak (WNVN from DC?)
Note 3 - Airing "Panda Shopping Network" (WNVN?)

A good summer overall, got the best-ever reception of Lancaster, Pennsylvania as well as Washington, D.C. PAXnet is starting to annoy me with their constant switching from station-to-station in some

areas. Tropo was pretty good, but I found E-skip to be lacking toward August. I now use an online distance calculator to determine distances, so the listings are more accurate now (my DX record, KLNE from Nebraska, is actually 1,397 miles instead of 1,430). I publish up-to-date TV DX logs on my website. Here's hoping the DX doesn't stop just because the summer did! 73's and good DX, Ryan

Out of Sync!

CAN YOU SAY "FUBAR?"...We're still not sure how it happened, but you may have noticed that pages in October's WESTERN TV DX were printed out of order. The pages in that column need to be read in this order: page 38 - 42 - 41 - 40 - 39 - 43. We apologize to Victor Frank, his loyal reporters, and any VUD reader who may have gotten a headache trying to figure out what was wrong! What's worse is that one longtime VUD reader tells us he finds this kind of thing happening more often in printed media lately due to "all those damned computers and the decreasing attention span of people these days..." Now, now...it's not fair to blame computers for human mistakes. Hey, what were we talking about, anyway--I forgot.

--Bill Thompson

NORTHERN FM DX

NOVEMBER 1999

DEADLINE: The 5th of the month before publication
LOG CUTOFF: 4 months from postmark
COLUMN REPORTING AREA: See map to the right (also includes Europe & Asia)

EDITOR: GREG CONIGLIO
 90 SLATE CREEK DRIVE APT. #3
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 WEB: http://www.geocities.com/~wgrc



A big column this month, as Frank Merrill reports some great DX from Illinois this summer. I included the entire thing this month because there are some great catches there. He calls this the best season in 10 years. Other interesting Es reports from early July are also featured. Hope you have gotten some of the great DX recently as well. If so, let's hear from you!

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

Equipment: Tandberg 3000 tuner, CM Probe 9 @ 8' AGL (for E-skip); CM Probe 9's at 45' and 47' feet (on separate towers, for phasing; OR the one @47' used by itself); Bolin Phase Box. (KXXX) indicates what station was phased out. All times are Central.

DECEMBER 1998 DX

3 TR
 1947 **WMVM** 98.7 WI Mayville, Fond du Lac ads, "98.7 The Great 98" (WNNS) 237
 1950 **WLXT** 96.3 MI Petoskey, briefly atop, then all fizzled 446

APRIL 1999 DX

17 GW
 2013 **KRNQ** 96.3 IA Keokuk, "We're building a better radio station for the Tri-State .. KRNQ Keokuk" (stunting with New Age, now on the air with Classic Rock) 40

JUNE 1999 DX
10 ES (MUF 99.1 at 1838)

1801 **WKRO** 93.1 FL Edgewater 966
 1804 **WSOS** 94.1 FL St. Augustine, calls 909
 1838 **WBBE** 94.7 FL Pt. St. Lucie 1083
 1900 **XHNRI** 93.7 YU Merida, faded atop briefly with legal ID 1348

13 ES
 1158 unID 93.9 SS probably Mexico (XEFB-2 and Kill-3 on TV)

17 ES
 1408 **WDAI** 98.5 SC Pawleys Island, DJ Chris Clay "98.5 Kiss FM", tracked down via phone 801
 1415 **WRNN** 94.5 SC Murrell's Inlet, "What's going on in Myrtle Beach", local, calls at 1417 804
 1418 **WGTR** 107.9 SC Bucksport, brief k via Es, would have loved to ID this "....107 830
 1421 **WSFM** 107.5 NC Southport. "Wilmington's Modern Rock" 830
 1434 **WMIW** 88.9 SC Myrtle Beach, "Serving the 2 Carolinas", calls at 1437 804

1438 **WOTJt** 90.7 NC Morehead City
 1440 **WDLX** 93.3 NC Washington 815
 1443 **WRHT** 96.3 NC Morehead City, "music for everyone, but if you don't like it, try it with ketchup" "The Hot FM", legal ID at 1503 860

1444 **WKIX** 96.9 NC Goldsboro, "New Country Kicks 96.9 and 101.1", Wilson ad 775

1455 **WNHW** 92.3 NC Nags Head, has moved back to its former frequency! 871
 1506 **WVOD** 99.1 NC Manteo 873
 1520 **WAGO** 88.7 NC Snow Hill, gave phone # for Kinston ministry; weather for Eastern NC, I called them and they told me it's on WAGO! 790
 1800 **KODJ** 94.1 UT Salt Lake City 1113
 1806 **KYFOT** 95.5 UT Ogden, MUF from the western cloud

18 ES
 1033 **WTMI** 93.1 FL Miami, assumed c format (South Florida TV also in) 1182

21 ES
 0920 **WHOG** 95.7 FL Ormond-By-The-Sea, "WHOG Daytona's Classic Rock Station" (Now if I can hear WPIG on this freq. my life will be complete, hi)

0932 **WIRK** 107.9 FL W.Palm Beach 1128
 1212 **XHAAA** 93.1 TA Reynosa 1084
 1221 **KULM** 98.3 TX Columbus 814
 1223 **KLOL** 101.1 TX Houston 784
 1300 **KJFK** 98.9 TX Lampasas, legal ID 777
 1301 **KHFI** 96.7 TX Georgetown 785
 1312 **KPLV** 93.3 TX Port Lavaca 885
 1316 **KSTV** 93.1 TX Dublin, cowboy supply store in DeLeon (near Eastland) 720

22 ES
 2005 **KMMS** 95.1 MT Bozeman 1090
 2009 **KPKX** 97.5 MT Livingston "The Peak" 1067
 2100 **KEZJ** 95.7 ID Twin Falls, legal ID 1241



125 W. MENDENHALL
 BOZEMAN, MT 59715

Frank Merrill's report continues:

JUNE 23 ES

1458 WBOS 92.9 MA Brookline 1024
 1505 WERS 88.9 MA Boston, 617-824-8700 for pledges 1024
 1508 WHJY 94.1 RI Providence 1006
 1509 WEFX 95.9 CT Norfolk "95.9 The Fox battling 'c' station (pres. WCRI-RI) 902
 1520 WQSO 96.7 NH Rochester, calls heard briefly 1032
 1523 WCME 96.7 ME Boothbay Hbr 1103
 1526 WTSA 96.7 VT Brattleboro, Williamsville winner, Brat. Mention, here at "TSA-FM" 949
 1531 WORC 98.9 MA Spencer, "Worcester's Best Rock 98.9 The Bus" 979
 1544 C- 107.5 ?? classical, mono, not sure which service, probably one in the NS area (or Kingston isn't out of the question, the way that they get out - grc)
 1546 WFXF 102.3 IL Morton (via GW), "102 dot 3 The Fox" with new classic rock, Stern ad
 1554 WAQY 102.1 MA Springfield, "on Memorial Day ... in Chicopee" 945
 1559 WSHU 91.1 CT Fairfield, legal ID with translators 912
 1600 WPAT 93.1 NJ Paterson, legal ID "La Nueva Amor 93.1" in Spanish 865
 1605 CIBM 107.1 PQ Rivière-du-Loup 1165
 1609 WATD 95.9 MA Marshfield, weak 1042
 1911 KOB-4 NM noted (new opening!)
 1940 K211DM 92.1 NM Wagon Mound, running News Hour from PBS TV, same thing heard on 89.5 KENW. (WNNK), tall antenna used 840
 2000 KSAV 95.1 NM Corrales, legal ID 946
 2001 KRFM 96.5 AZ Show Low, local casino ad 1147
 2003 KWRK 96.1 AZ Window Rock, calls 1053
 2007 KTHQ 92.5 AZ Eagar, "KTHQ, static free radio for the High Country, 92 1/2" 1109
 2009 KEDG 107.9 NM Albuquerque, assumed as KBOM 106.7 was coming in
 KEFE 107.5 Los Alamos is definitely not on
 2013 KRZY 105.9 NM Santa Fe, "105.9 105.9 Radio Romantica", SS, calls correct still? 916
 2018 KEND 106.5 NM Roswell, "your Country ... KEN..." (faded just like that) 908
 2026 KPRR 102.1 TX El Paso 1068
 2026 KVLCT 101.1 NM Hatch (is namesake related to Utah senator?) "101 Gold" oldies (they do use that slogan I believe - grc)
 2036 KSII 93.1 TX El Paso (Kiss Radio for Dyslexics?) 1068

kenw = FM 99.5
 Portales, NM
 Eastern New Mexico University

JUNE 26 ES

0932 WTXL 92.5 ?? "Elevator music for really cool elevators, XL92 WTXL" (Frank, could this be WGXL 92.3??? - grc)
 0936 WBEE 92.5 NY Rochester, Webster ad, jingle (first log in this market) 699
 0939 WGMC 90.1 NY Greece, Polish events calendar - Webster, Thruway Exit 33, etc. 698

JUNE 26 ES CONT

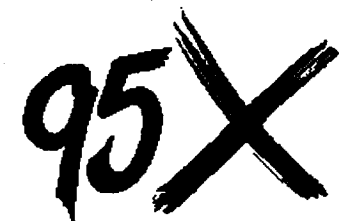
0944 WCFRt 93.5 VT Springfield "toward Onskoma Lake on Route 4 in Lebanon (NH)", need to play them tape - see if they recognize
 0946 CFMK 96.3 ON Kingston, Cornwall / Seaway Valley / Ontario Eastern "Country 96" 769
 0951 WBBFt 98.9 NY Rochester "Lenny's Shoe & Apparel" annual tent sale
 0956 CIUT 89.5 ON Toronto, discussion on estrogen & the environment, // to their programming on the Canadian 4DTV satellite feed. (first log in market) 620
 0959 WLNH 98.3 NH Laconia, call jingle 1008
 1010 WLKE 99.1 ME Bar Harbor "Lucky 99" 1177
 1020 WHOM 94.9 NH Mt. Washington, prev MS logging, Route 25, 16, NH ads 1026
 1023 WCTB 93.5 ME Fairfield, "on Lakeview Drive here in South China" remote 1026
 1026 WRED 95.9 ME Saco, calls, Bob Brady 1059
 1028 WCYY 93.9 ME Augusta, "on CYY" 1099
 1041 WOKO 98.9 VT Burlington, "The best and most country WOKO" jingle 932
 1042 WKIT 100.3 ME Brewer, calls 1153
 1056 WEZF 92.9 VT Burlington 932
 1057 CKBW-2 93.1 NS Shelburne 1319
 1158 WGAO 88.3 MA Franklin, "college this is WGAO ..." at that point WIUS carrier came on, whew! 1007
 1200 WJMJ 88.9 CT Hartford, legal ID, included translators 941
 1220 WJMF 88.7 RI Smithfield, calls, gave 232-6150 phone # and 1:23 time check 997
 1223 WERS 88.9 MA Boston 1024
 WHYN 93.1 MA Springfield 945
 1231 WYST 93.5 MA Harwich, "Star 93-5" 1079
 1234 WMAS 94.7 MA Springfield 945
 1328 WJFD 97.3 MA New Bedford, Fall River ad heard in Portuguese 1021
 1246 WPRO 92.3 RI Providence 1006
 1258 WMNR 88.1 CT Monroe, legal ID, co-ID with WGSK South Kent at 90.1" 914
 1300 unID 88.1 ?? break in reggae program, calls us now at 685-3725
 1420 WOSC 95.9 DE Bethany Beach, 90, 92 in Ocean City, here at the Coast 95.9 & 98.9 842
 1421 WSBY 98.9 MD Salisbury, // above, Del Mar DE and Bridgefield ads, NOTE 1
 1838 WOGK 93.7 FL Ocala 917
 WHJt 88.1 FL Ocala, contemp g music, WJSP quickly buried it, rats, a much wanted
 1849 WTMi 93.1 FL Miami, assumed c music
 1857 WWRZ 98.3 FL Ft. Meade, "the Rose, Soft Rock on your Radio" (city of license?) 1010
 1900 WCGO 98.3 GA Midway, legal ID 761
 1903 WPLA 93.3 FL Callahan "The Planet" 850
 1913 WRMF 97.9 FL W. Palm Beach 1128
 WQBA 98.3 FL Goulds, presumed; their distinctive Spanish dance music 1189
 1925 WWLL 105.7 FL Sebring, "This is Wheels 105.7, only the best rock" 1039
 MUF 107.9/MIRK, WAIA 107.9, WINK 96.9 etc.
 1938 WCSN 105.7 AL Orange Beach, "Sunny 105.7", P.O. Box 1919, Gulf Shores, AL 725

Frank Merrill's report continues:

JUNE 26 ES CONT

1939 WKSy 106.1 MS Picayune, "WKSy Picayune-New Orleans" (strange time for a legal, but I'll take it!) 694
 1939 WCKT 107.1 FL Lehigh Acres 1089
 1947 WAKT 105.1 FL Panama City Bch "serving 5 counties, thousands of people (WOW AM I IMPRESSED!) World's most beautiful beaches, Cat Country 105.1" 761
 1952 WLTS 105.3 LA Slidell, "105.3 WLTS, the home of the brand new cash call" 704
 1954 KXKZ 107.5 LA Ruston, former Tr, "Kicks 107.5 KXKZ" 558
 1955 KCIL 107.5 LA Houma, local ads 750
 1956 WZMQ 106.3 FL Key Largo, Spanish, phone no. for Miami & Dade Co. (ex 103.9) 1217
 1957 WMXP 103.5 FL Calloway, Panama City's choice is 103.5 The Coast 773
 2009 KPLV 93.3 TX Port Lavaca 885
 2014 KHERt 94.3 TX Crystal City, MONO, horrid audio, Uvalde mention (would be relog) 967
 2018 KHFI 96.7 TX Georgetown 785
 2020 WRRt 101.1 TX Dallas, classical in briefly (formerly logged by Tropo) 630
 2022 KQIC 102.5 TX Wichita Falls, local ads 625
 2027 KTBL 103.3 NM Albuquerque, Sky City Casino, I-40 Exit 102 (similar ad heard on 1 or 2 of NM stations on June 23, becoming familiar with it, hi) 949
 2035 KONO 101.1 TX Fredericksburg 841
 2037 KOOV 103.1 TX Copperas Cove, "on Country 103.1 KOOV" also "Kickin Country 103.1" 761
 2042 KOES 106.9 TX Stamford, rodeo ad, call letters "Country Gold 106.9" 730
 2045 unID 107.9 ?? One SS ment. Mexican "pesos", and KDXX? Needed here. Has KYMI Los Ybanez indeed moved to 98.5?
 2051 KWKQt 107.1 TX Graham, "Lake Country" weather, from Country 107, would be new 671
 2102 KFCX 102.1 TX Monahans, legal ID 917
 unID 103.7 ?? "con estudios en Los Estados Unidos, Buena Vestal (?) nothing fits along the border?"
 2120 unID 96.7 ?? ad: Hwy 34 Bypass in Sheraton or Sheridan??
30 ES
 0900 WFSU 89.1 FL Panama City, "FSU Headlines" after legal ID 764
 0902 WTMi 93.1 FL Miami, presumed, c 1182
 1039 unID 93.1 ?? "Super Estrellar 93.1", XHAAA? (I think so - grc)
 1049 KOVE 93.3 TX Port Arthur, "K-Love 93.3" Spanish, no longer // 104.9? 751
 1051 KKRW 93.7 TX Houston, "Arrow 93.7" 784
 1055 KTJN 106.3 TX Mercedes 1073
 1101 KHMC 95.9 TX Goliad, legal ID with Victoria, "Magic Tejano 95.9" 899
 1103 XHMLS 101.5 TM Matamoros 1081
 1114 KXGJ 101.7 TX Bay City, El Campo cycle ad, turn farm right here on the Gulf Coast 848
 1121 KUKA 105.9 TX San Diego, "Kuka Tejano 106" 977
 1126 KTJX 105.5 TX Mission
 1129 KTKQ 105.7 TX Beeville, "358-4223, if you call you will be a winner" (called, they answered

but a tad later, too late for me to win whatever it was, awww...) 925
 1123 KBICt 105.7 TX Raymondville, Reynosa ad, "Radio Vida" in Tejano 694
 1131 unID 106.1 MX calls: XH...S (not XHSU)
 1135 KTTX 106.1 TX Brenham, "K-Tex, the best Country for Bryan-College Station" 781
 1151 KKBA 92.7 TX Kingsville, "K-Bay" with Corpus Christi and Port Aransas readings 984
 1153 KBHT 93.5 TX Crockett, Palestine ad 686 (pronounced "Pala-STEEN")
 KMXR 93.9 TX Corpus Christi 955
 1158 KISS 99.5 TX San Antonio, "anything can happen on The Nooner, KISS-FM San Antonio" 980
 1200 KBRA 95.9 TX Freer, legal ID 980
 1219 KLEY 94.1 TX Floresville 890
JULY 1999 DX
1 ES
 1058 KQRX 95.1 TX Midland, calls 864
 1109 KBST 95.9 TX Big Spring 826
 1122 KSII 93.1 TX El Paso 1068
 1130 WTMi 93.1 FL Miami, calls, c 1182
 WZZR 92.7 FL Stuart 1093
 1311 XH?? 93.1 ?? NOTE 2
 1319 KDQn 93.1 AR DeQueen (MS) "Queen City Motors in Queen City" 487



4 ES
 1221 WJSP 88.1 GA Warm Springs "Peach State Public Radio" NOTE 3 618
 1242 WVFJ 93.3 GA Manchester, First Assembly of Griffin, J 93.3 The Station Than Helps You Love Life" 623
 1248 WEAZ 88.3 FL Union Park, "Orlando's Positive Hits Station Z 88.3" 985
 1852 KIWW 96.1 TX Harlingen 1066
 1254 XHRYs 90.1 TM Reynosa "Estereo Recuerdo" & McAllen ad 1084
 1256 KPFT 90.1 TX Houston, legal ID in blues/zydeco show, somehow never logged before!!! 784
 1300 KHID 88.1 TX McAllen, legal co-ID with 88.9 Harlingen, finally! 1078
 1412 XHTPO 94.5 TM Tampico, local ads 1329 (assume this is my XHPPO log a few years ago)
 1422 XHRLM 91.9 TM Ciudad Mante, local ad, call letters given twice 1318
 1459 WJLY 88.3 IL Ramsey (via GW), legal ID and "the same programming on WTRH" 123
2000 NOTE 4
5 GW
 0000 KHGN 90.7 MO Kirksville, legal ID (egad! Yet more clutter ...) 102

Frank Merrill's report continues:

JULY 5 ES

1500 **WTLG** 88.3 FL Starke, giving call letters and address, very weak! 875
 WPCV 97.5 FL Winter Haven 999
 1503 **WAYF** 88.1 FL W. Palm Beach, first time heard in years, why?? 1128



THE MUSIC SAYS IT ALL

6 ES WHEEL

1020 **WFLO** 95.7 VA Farmville, Farmville mentions, ad also mentioning VA at 1021 695
 1031 **WRVQ** 94.5 VA Richmond, I-95 Exit 54 ad, also Staples Hill Road ad (first in city) 738
 1737 **WBSS** 97.3 NJ Millville, call-in show "You're on New Jersey 101.5" (Trenton) 832
 1738 **WFPG** 96.9 NJ Atlantic City (how did I miss this before?) 383-WFPG promo 864
 1747 **WSBL** 97.9 DE Selbyville, Baseball: Delmarva Shorebirds vs. Asheville (per phone call, only this and an AM station are on net) 836
 1753 **WRDX** 94.7 DE Dover, Star 94.7 WRDX 808
 1755 **WOSC** 95.9 DE Bethany Beach, "The Coast 95.9 & 98.9" 842
 1757 **WASH** 97.1 DC Washington, "Pony up, Washington!", Wild Wild West ad 734
 1805 **WQSR** 105.7 MD Catonsville, "The greatest hits of all time, WQSR" 743
 1807 **WTOP** 107.7 VA Warrenton, "WTOP News Time 7:07" 696
 1808 **WCEM** 106.3 MD Cambridge, Orioles baseball network, two local ads, no city mentioned
 1810 **WRQX** 107.3 DC Washington, traffic, recognized ments like "I-295 in MD", etc. 734
 1813 **WWGO** 106.1 MD Cumberland, "Go 106" promo, gone immediately (they had to go....) 632
 1819 **WAVA** 105.1 VA Arlington, "888-293-WAVA"
WNDJ 104.9 VA White Stone, registration now open for "Southern Chesapeake" thing 790
 1820 **WJZW** 105.9 VA Woodbridge, Manhattan Transfer at Wolftrap (703 ph#), "Washington area" mentioned in ad 726
 1824 **WRXS** 106.9 MD Ocean City, "on the bank at W.Fenwick Island ... on X 106.9" 845
 1827 **WKHWT** 106.5 MD Pocomoke City "Oldies 106.5" 845
 1832 **WKHI** 107.5 VA Exmore, 787-1011, adult standards or jazz, relog
 1838 **WRAR** 105.5 VA Tappahannock "105.5 RAR" 759
 1842 **WBOP** 106.3 VA Churchville, calls, rock 634
 1855 **WGRQ** 95.9 VA Colonial Beach, Fredericksburg ad, "VA's Rockin Oldies 95.9"
 1900 **WVTF** 89.1 VA Roanoke, legal ID, mailing information, etc. 617
 1910 **WFLB** 96.5 NC Laurinburg, "Oldies 96.5 WFLB" 728
 1915 **WZXS** 103.9 NC Topsail Beach 826

1919 **WFNC** 102.3 NC Lumberton, Fayetteville lumberyard ad, "News Talk Radio WFNC" 756
 1919 **WWQQ** 101.3 NC Wilmington 822
 1923 **WNMB** 105.9 SC N. Myrtle Beach, two Conway ads, might be a relog 804
 1926 **unID** 105.9 ?? "The Tri-Cities Real Rock", probably WRZK
 1931 **WSOC** 103.7 NC Charlotte, calls 646
 1933 **WSFM** 107.5 NC Southport "Wilmington's Modern Rock" 830
WGTR 107.9 SC Bucksport, "Gator 107.9", gave phone #, live country done locally 809
 1936 **WEND** 106.5 NC Salisbury, "106-5 The End", gave phone number 645
 1939 **WRZK** 105.9 TN Colonial Heights "WRZK, I'm Scott Ireland", NOTE 6 519
 1941 **WNCT** 107.9 NC Greenville 796
 1943 **WIKS** 101.9 NC New Bern, "101.9 WIKS Kiss 102 FM" 830
 1945 **WKXB** 99.9 NC Burgaw, "Jammin' 99.9 Wilmington's Jammin' Oldies" (new calls?) 808
 1947 **WFSS** 91.9 NC Fayetteville, calls.ph# 743
 1949 **WQDR** 94.7 NC Raleigh, calls given many times in station contest 728
 1951 **WRNS** 95.1 NC Kinston, legal ID 799
 1953 **WRFK** 99.7 NC Kannapolis, "99.7 WRFK Fox" 645
 1955 **WBRW** 105.3 VA Blacksburg, "more Classic Rock on 105.3 The Bear", Salem Motor Mall also mentioned (?) 595
WRDU 106.1 NC Wilson 766
 2000 **WGQR** 105.7 NC Elizabethtown, "WGQR Oldies and Beach 105.7" (sounds like good radio!!) 773
WXQR 105.5 NC Jacksonville, "Coastal Carolina's classic rock station, Star 105.5" Was this station ever on 105.3?? 825
 2006 **WKZB** 94.3 NC Wallace, calls, with promo and phone number for ads, NOTE 7 799
 2008 **WSFL** 106.5 NC New Bern 830
 2009 **WANG** 105.1 NC Havelock, "WANG, 105 and 101" 845
 2010 **WKJA** 101.1 NC Belhaven, parallel programming to WANG above 837
 2017 **WXNR** 99.5 NC Grifton, "99.5 WXNR New Rock, The X" 802
 2024 **WSHA** 88.9 NC Raleigh, "right here on the campus of Shaw U. in Raleigh NC", calls 728
 2031 **WAGO** 88.7 NC Snow Hill 790
 2032 **WNBR** 94.1 NC Oriental, Sunny Beach FM
 2059 **WCPE** 89.7 NC Raleigh, legal ID 728
 2100 **WOTJ** 90.7 NC Morehead City, legal 860



Frank Merrill's report continues:

JULY 7 ES

1031 **WFOS** 88.7 VA Chesapeake, "VA's pioneer high school radio station, WFOS" 820
 1032 **WZRU** 88.5 NC Roanoke Rapids, calls 755
 1036 **WFOG** 92.9 VA Suffolk, calls, ph# 800
 1040 **WPNC** 95.9 NC Plymouth 821
 1041 **WKJX** 96.7 NC Elizabeth City, "Kiss 97" and Chesapeake temperature 833
 1106 **WWOC** 94.5 NC Hatteras, "Water Country 94.5", Hatteras & other E. NC ments 893
 1138 **unID** 89.5 NC? Religious call in show, "Jack's on the way to North Carolina" phone 440-2665 (WHRV-VA is NPR, not religious)
 1140 shifted to West at this point as this opening died out, also noted Colorado on TV.
 1149 **K210??** 89.9 CO? NOTE 8
 1202 **K240??** 95.9 cannot ever be lded, it was picking up an unknown station full of Skip
 1211 **KFRZ** 92.1WY Green River, "92.1 KFRZ The Freeze" (WNNK), high antennas 970
 1214 **KTRZ** 93.1WY Riverton, 931
 1217 **KMLD** 97.3WY Casper, your Good Time oldies station, Melody 97 237-9700 825
 1218 **KQSK** 97.5 NE Chadron, (per phone call, it means them and KAAQ 105.9) "Double Q Country" 659
KDLY 97.5WY Lander, in w/above 945
 1225 **KKLX** 96.1WY Worland 918
 1238 **KZZI** 95.9 SD Belle Fourche, "KZ Country 95.9" confirmed via phone 731
 1243 **KSQY** 95.1 SD Deadwood, "The Black Hill's Best Rock, 95.1" 720
 1244 **KRXX** 94.1 MT Billings 970
 1246 **KLGT** 92.9WY Buffalo, legal ID with Sheridan / Gillette / Hardin, NOTE 15 861
 1247 **KYYA** 93.3 MT Billings, Billings ads, weather, Y-93 (how did I miss this before?) 970
 1248 **K236AB** 95.1 MT Billings AND 970
KMHK 95.5 MT Hardin, local ads, Rimrock Auto Group, etc. parallel 930
 1300 **KXEI** 95.1 MT Havre, legal ID with Havre / Helena / Great Falls / Plains (wow! Large area!) (They have a great coverage - grc) 1092
NOTE 9
 1306 **CKUA3** 97.3 AB Medicine Hat 1177
 1307 **CFMY** 96.1 AB Medicine Hat, "from Medicine Hat, we're CFMY 96.1, Classic Rock My 96" 1177
 1336 **KIIC** 97.9 IA Lamoni (via GW), "playing the Country that others won't" MONO 173
 1340 **CBK** 96.9 SK Regina, presumed, classic \$, though Es favoring N. Battleford now 966
 1348 **CFMC** 95.1 SK Saskatoon 1110
 1354 **CFQC** 92.9 SK Saskatoon, legal ID (which isn't really necessary in Canada) 1110
 1610 **WHYN** 93.1 MA Springfield 945
 1636 **WOSC** 95.9 DE Bethany Beach 842
 1644 **unID** 96.9 ?? Somebody goofed! More than a minute of dead air, then faded
 1647 **WWWV** 97.5 VA Charlottesville, "97-5 3WV" and many local mentions in traffic 673
 1648 **WAMZ** 97.5 TN Knoxville, noted via definite TROPO, using the "skip antenna" ! 479

JULY 7 TR

1900 **KMAL** 92.9 MO Malden, (KGRC), "Star 92.9 KMAL Malden, (Sikesville?), New Madrid" 271
 2142 **WBVN** 104.5 IL Carriers Mills, atop WFMB, no phasing! First time heard this way 220
 2151 **WDJX** 99.7 KY Louisville, (actually, a pretty rare city for the distance) 303
 2357 **KYOO** 99.1 MO Halfway (KFUO), "KYOO 99.1 inserted ID 240

8 TR

0200 **WLSZ** 105.3 TN Humboldt, legal ID with 94.3 Dyersburg, no phasing 334
 0201 **KFTH** 107.1 AR Marion, rare 360
 0223 **KJBR** 93.7 AR Marked Tree, (KSD), Jonesboro ad, "Pure Country 94 KJBR" 340
 0242 **KBMV** 107.1 MO Birch Tree 234
 0252 **KRLW** 106.3 AR Walnut Ridge 303
 0301 **WTBG** 95.3 TN Brownsville (KOKX), "News Talk 101.5 is WNWV-FM Jackson" 344
 0336 **WSRR** 98.1 TN Millington, Tunica casino ad, Star 98 FM (never logged as Osceola AR) 355
 0426 **WIVR** 94.7 KY Mayfield, no phasing 279
 2037 **WLVK** 105.5 KY Fort Knox, Elite Cellular, offices in "E-Town" & Radcliff, no phas 308
 2053 **WOVO** 105.3 KY Glasgow, (WYNG), your station with the greatest hits 105 WOVO" 350
 2118 **WXBC** 104.3 KY Hardinsburg, (WCBH), "WXBC 104.3 FM" 291
 2124 **WAKO** 103.1 IL Lawrenceville, oldies, Cool 103.1, some really cool NASCAR song ... 198
 2140 **WBDC** 100.9 IN Huntingburg, (WXKO), calls, rare here 244
 2204 **WCXO** 96.7 IL Carlisle "96-7 WCXO" and mentioned Centralia (WCVS) 160
 2215 **WBWB** 96.7 IN Bloomington (WIHN) 237
 2219 **WFML** 96.7 IN Vincennes (WIHN) Reds-Cardinals baseball, rare 207



DUROK COUNTY BROADCASTING, P.O. BOX 191, HUNTINGBURG, IN 47549

9 TR

0017 **WMVR** 105.5 OH Sidney, (WCZQ), Piqua Arts Council ment, Shelby Co. ment, calls 343
 0024 **unID** 105.5 ?? "Kiss 105-5", 70s / 80s format (WCZQ)
 0100 **WSPY** 107.1 IL Plano, is the one with ESPN radio here, really threw me 139
 0103 **WRBI** 103.9 IN Batesville, decisively on top, rare, doesn't get out 300
 0454 **WAQZ** 107.1 OH Milford, NO PHASING, Cincinnati ad, "12 News", etc. 349
 0455 **WIOKT** 107.5 KY Falmouth, g song, would have loved to ID this (WZZQ) 359
 0523 **WOBQ** 88.7 OH Batavia, nostalgia mx 357
 1232 **KIEG** 95.3 IA Iowa Falls (KOKX), Iowa Falls State Bank, obituaries, fade to KCSI 201
 1239 **KDAO** 99.5 IA Eldora, calls, no phas. 181
 1252 **KIKD** 106.7 IA Lake City, "Kick Area" forecast, Carroll ads 240
 1329 **KGRA** 98.9 IA Jefferson, "in Jefferson", Greene Co. mentions, satellite C&W 221

Frank Merrill's report continues:

JULY 9 TR CONT

- | | | | |
|------|------|--|-----|
| 1331 | KNCY | 105.5 NE Auburn, (KZZT), while trying for KDLS | 273 |
| 1346 | WEFM | 95.9 IN Michigan City, no phasing, rare "uh something's going on" | 215 |
| | WJIM | 97.5 MI Lansing, no phasing, DEFINITELY on the lookout now! | 352 |
| 1402 | CKNX | 101.7 ON Wingham, (KBKB), right now 20 C at FM 102 .. Doug Avery, NOTE 10 | 534 |
| 1423 | WAWC | 103.5 IN Syracuse, rare class A | 265 |
| 1500 | KTRX | 93.5 MO Tarkio, noted on top off the back of the antenna, what?? | 248 |
| 1513 | KKNB | 104.1 NE Crete, (WMQZ), yes, audible by phasing my local, which isn't logd yet | 331 |
| 1541 | KMZA | 92.1 KS Seneca (WNNK), contest includes Seneca sponsors, wx, calls | 288 |
| 1545 | KAIR | 93.7 KS Horton, "from your weather center at KAIR" old C&W, no phasing | 263 |
| 1547 | KBUZ | 90.3 KS Topeka, 272-3960 for further weather info (I called, they answered) | 284 |
| 1558 | KCVI | 92.5 KS Silver Lake, No phasing on WKXQ! End Parent Talk, legal ID+Topeka | 295 |
| 1638 | KHCA | 95.3 KS Wamego (KOKX), "KHCA your friends ... today's Christian music" | 311 |
| 1645 | KXBZ | 104.7 KS Manhattan, (WLMD), "Hot Country B104", Manattan, Wamego ment | 326 |
| 1652 | KVSV | 105.5 KS Beloit, beautiful music atop KZZT no phasing, rare relog | 399 |
| 1659 | KQTP | 102.9 KS St. Mary's, "Good times great oldies" legal ID ment many cities, not necessary to phase KMMO | 298 |
| 1721 | KDNS | 94.1 KS Downs (KFKF), ads | 423 |
| 1731 | KSNP | 95.3 KS Burlington (KOKX), weather alert "Van Halen here on KSMP" | 313 |
| 1819 | KHAZ | 99.5 KS Hays, no phasing | 473 |
| 1826 | KCAZ | 95.9 KS Russell, "KRSL" jingle (KLIK), many lds to 1829, this was my most wanted Kansas logging | 449 |
| 1859 | KCFN | 91.1 KS Wichita, NOTE 11 | 406 |
| 1906 | KILS | 92.7 KS Minneapolis, legal ID with Salina, and "Salina's Classic Rock Star 92.7" with no phasing needed! | 384 |
| 1941 | KDMM | 105.7 KS Herington (WWCT) or (KXXK), Herington Free Fair, CD Country | 358 |
| 2000 | KCVQ | 89.7 MO Knob Noster (Macomb Translator), Spirit FM legal ID + KCVQ,KCVJ | |

- 9 ES**
2038 WHYN 93.1 MA Springfield 945
2042 WQXS 93.7 MA Lawrence, "Star 93.7" 1021

- 14 TR**
0053 KWSJ 105.3 KS Haysville, assumed this with smooth jazz 410
0113 KVOO 98.5 OK Tulsa, "was hoping for a good Okla. Opening" didn't materialize 413
0122 KLLSt 104.5 KS Augusta "Star 104.5" 388
0153 KMG 99.1 AR Fort Smith 405
0221 KBEZ 92.9 OK Tulsa, no phasing 413
0304 KQLA 103.5 KS Ogden 334
0312 KQTP 102.9 KS St. Marys, w/KMMO 298
0319 KSKU 106.1 KS Lyons 428
0400 KZSN 102.1 KS Hutchinson, over Kansas City without phasing 422
0559 KDLS 105.5 KS Perry (KILJ), sign-on after SSB, highly sought after for years! 203

JULY 24 TR

- | | | | |
|------|------|---|-----|
| 2205 | WZOC | 94.3 IN Plymouth, "Michiana's Oldies Authority, back to back Oldies 94.3" (WKSO) tough frequency here | 236 |
| 2221 | WKQQ | 100.1 KY Winchester (WKAI local), trying to get WFRI-IN | 387 |
| 2300 | WSDM | 97.7 IN Brazil, (WMOI) trying for Goshen, IN | 197 |
| 2339 | WOKZ | 104.9 IN Muncie, completely on top, no phasing on WXCL | 279 |

25 TR

- | | | | |
|------|------|---|-----|
| 0000 | WWWY | 104.9 IN Columbus, legal ID, again, no need to phase WXCL | 266 |
| 0122 | WYJZ | 100.9 IN Lebanon, "Indy's new light jazz" with calls, rare, (WLRZ) | 223 |
| 0200 | WDPG | 89.9 OH Greenville (WCBU), legal ID, extremely weak due to below mixing in WHPLT 89.9 IN W.Lafayette, Moody | 319 |
| 0218 | WSKT | 92.7 IN Spencer, (WQLZ), "Cat Country WSKT" only 2 nd time heard | 222 |
| 0247 | WAKW | 93.3 OH Cincinnati, (WPBG), trying for WKWJ, same type g format as WTRH | 340 |
| 0327 | WLFF | 95.3 IL Brookston (KOKX) "95.3 is ... The Wolf", k | 200 |
| 0457 | WSM | 95.5 TN Nashville | 364 |
| 0639 | WFOX | 97.1 GA Gainesville, not much else noted, though MASSIVE Tr on TV (KXCK) | 568 |

27 ES

- | | | | |
|------|------|--|------|
| 2008 | WTMI | 93.1 FL Miami, presumed with c, opening stayed below TV 5 mostly | 1182 |
|------|------|--|------|



Miami Ft. Lauderdale Pub Beach
South Florida's Classical Music at 93.1 FM

28 TR

- | | | | |
|------|------|--------------------------|-----|
| 2320 | KJAM | 103.1 SD Madison, (KDMG) | 411 |
|------|------|--------------------------|-----|

29 TR

- | | | | |
|------|-------------|--|------|
| 0258 | WWG87 | 162.5 WI Fond du Lac, full ID | 257 |
| 0304 | WWG82 | 162.45 WI Richland Center | 200 |
| 0307 | WWF40 | 162.4 WI Friendship, full ID | 240 |
| 0330 | | 162.45 IN NOTE 12 | |
| 0333 | | 162.45 WI local temp in Rhinelander, NE/N Central WI weather, never lds | 300+ |
| 0338 | WWG91 | 162.525 WI Sheboygan | 278 |
| 0343 | WXJ47162.40 | IN South Bend | 245 |
| 0347 | WWG72 | 162.5 IN George, full ID | 220 |
| 0350 | WWP86 | 162.5 WI Prairie du Chien, full ID with simulcasting with WWG82 above | 181 |
| 0450 | WWG83 | 162.425 IN Evansville, full ID | 238 |
| 0601 | WECEB | 104.3 WI Seymour, legal ID with Appleton and Green Bay, no phasing | 305 |
| 0603 | WXER | 104.5 WI Plymouth, "Sheyboygan" at tune in (missed legal ID), 74 deg temp | 267 |
| 0615 | WHTL | 102.3 WI Whitehall, "WHTL, your hometown location in WI's heartland" | 273 |
| 0637 | WXRO | 95.3 WI Beaver Dam, "WXRO Block Party" Beaver Dam, ment, no phasing | 229 |
| 0731 | WHTY | 93.5 IN Hartford City, "93.5, 96.7 Hit Radio WHIT" Anderson Auto Plaza, etc. | 279 |
| 0736 | WHIT | 96.7 IN Alexandria, // 93.5 | 263 |
| 0740 | WLQI | 97.7 IN Rensselaer (WMOI) | 187 |

Frank Merrill's report continues:

JULY 29 TR CONT

- | | | | |
|------|------|---|-----|
| 0750 | WFRI | 100.1 IN Winnamac (WKAI), "7.50, 8:50 in Michigan ... WFRN" (104.7) | 217 |
| 0757 | WYJZ | 100.9 IN Lebanon (WLRZ), while trying for WPGW, smooth jazz | 223 |
| 1324 | WKBH | 100.1 WI W.Salem, rockin' country Mobile DJ service, K-Rock (WKAI) | 239 |
| 1408 | KBEV | 98.1 MN Blue Earth, calls, k | 282 |
| 1419 | KLMJ | 104.9 IN Hampton, local "FS" ad, KLMJ news, (KBOE), not hrd since 80's | 206 |
| 1421 | KRFO | 104.9 MN Owatonna (KBOE), Waseca Fair ad, "downtown Owatonna" ad | 283 |
| 1501 | KCZQ | 102.3 IA Cresco (WRMJ), "at the voice of N. Iowa KCZQ Cresco",no Dubuq. | 215 |
| 1533 | WWIS | 99.7 WI Black River Falls, (KBOB), this one is rare here | 272 |
| 1959 | WNIQ | 91.5 IL Sterling, legal ID for all four stations WNIJ/Q/WIE | 106 |
| 2054 | WZZT | 102.7 IL Morrison, WSDR/WSSQ/WZZT in promo, (WJEQ) | 101 |

30 GW

- | | | | |
|------|------|---|----|
| 2347 | WRVP | 101.1 IL Glasford, legal ID with Peoria, testing, more clutter! | 50 |
|------|------|---|----|

31 TR

- | | | | |
|------|------|--|-----|
| 0331 | WFRR | 93.7 IN Walton (WJDK), "FM WFRN" during ID of g song, insurance ad, etc. | 200 |
|------|------|--|-----|

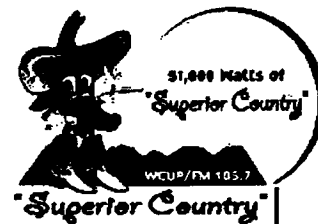
31 ES

- | | | | |
|------|------|---|-----|
| 2039 | WFLB | 96.5 NC Laurinburg, Oldies 96.5 | 728 |
| 2052 | WXRC | 95.7 NC Hickory, "XRC", etc. | 602 |
| 2056 | WXBQ | 96.9 TN Bristol, "hello XBQ" during call in show (former Tropo) | 530 |

AUGUST 1999 DX

1 TR

- | | | | |
|------|-------|--|-----|
| 0200 | KPAW | 97.1 MO LaMonte, legal ID with Sedalia, classic rock, Power 97 | 187 |
| 1606 | KGRD | 105.3 NE Orchard, rarer now due to KNOD, etc., looking for KIWA | 413 |
| 1706 | KFGE | 98.1 NE Milford, Lincoln's Best Country, Froggy 98, weather | 336 |
| 1718 | KCII | 106.1 IA Washington, calls, I wondered where they moved? | 80 |
| 1805 | — | 162.4 MO St. Joseph, on top | 226 |
| 1900 | Many | Nebraska FMs: 88.7 / 89.1 / 89.3 / 93.1 / 94.7 / 101.5 / 102.9, etc. mostly rare | |
| 1925 | WWH25 | 162.45 SD Mitchell, calls, "serves Mitchell and ... James River Valley" | 439 |
| 2149 | KXNP | 103.5 NE North Platte | 530 |
| 2203 | WXL66 | 162.45 AR Mtn View, legal ID | 326 |
| 2207 | WXJ61 | 162.425 MO Avila, legal ID | 240 |
| 2212 | WWG54 | 162.5 AR Yellville, | 311 |
| 2300 | KIKD | 106.7 IA Lake City, legal ID, no phasing, not even for KRTI | 240 |



AUGUST 2 TR

- | | | | |
|------|------|--|-----|
| 0057 | KIRK | 99.9 MO Macon, "You're listening to the easy sounds of Kirk, KIRK Macon" | 106 |
|------|------|--|-----|

3 ES

- | | | | |
|------|------|--|------|
| 0902 | XHUA | 90.1 CH Chihuahua "Radiorama de Chihuahua" (ad or their slogan?) | 1199 |
|------|------|--|------|

4 TR

- | | | | |
|------|------|--|-----|
| 1300 | KIYX | 106.1 IA Sageville, "Kicks FM KIYX Sageville / Dubuque" heard on 1 st try | 155 |
|------|------|--|-----|

14 TR

- | | | | |
|------|------|---|-----|
| 1721 | KISP | 101.5 NE Blair (KKS!), car dealer mentions "Blair area" and Fremont ads | 295 |
| 1900 | WJMI | 99.7 MS Jackson | 564 |
| | WZYP | 104.3 AL Athens, (WCBH), trying for Greenwood, MS, did hear soul there | 440 |
| 1957 | WTYX | 94.7 MS Jackson, "Arrow 94 WTYX Jackson" (KSHE) | 564 |

15 TR

- | | | | |
|------|------|--|-----|
| 0005 | KARP | 96.3 MN Glencoe, no phase needed on KRNO, this station gets out! | 360 |
|------|------|--|-----|

16 TR

- | | | | |
|------|-------|---|-----|
| 0004 | WLST | 95.1 WI Marinette, legal ID | 409 |
| 0014 | WHNN | 96.1 MI Bay City | 411 |
| 0415 | — | 162.525 KY Lexington | 370 |
| 0418 | WXL66 | 162.45 AR Mountain View | 326 |
| 0424 | WWG53 | 162.425 PA Butler | 550 |
| 0510 | WMJQ | 102.5 NY Buffalo (WGNN), "Q 102.5" send tape in case it's in house (Send me a copy, I should recognize them -grc) | 631 |
| 1033 | WIOG | 102.5 MI Bay City (WGNN) | 411 |
| 1055 | CFPL | 95.9 ON London, "London's Best Rock FM 96" only 2 nd time ever, WHY? | 517 |
| 1156 | CFCA | 105.3 ON Kitchener, Zeller's on Frobisher Rd, Waterloo, Cool 105.3, confirmed by phone call | 563 |
| 1206 | WCXT | 105.3 MI Hart, both of these: (WKOA), legal ID and "The Whip" | 315 |
| 2000 | WXET | 107.9 IL Arcola (WBYS), legal ID, blocking efforts for CING | 135 |
| 2000 | WMDH | 102.5 IN New Castle, (WGNN), legal ID, still no "better" WMJQ | 282 |
| 2014 | WJXQ | 106.1 MI Jackson, (WYYS), trying for Guelph | 342 |
| | WRKR | 107.7 MI Portage, (WMRS) | 285 |
| 2046 | WCOE | 96.7 IN LaPorte, (WIHN) "The Eagle", have a tape to play for them | 221 |
| 2052 | WUNFT | 96.7 MI Albion (WIHN), g format faded in briefly, needed | 331 |
| 2057 | CHYM | 96.7 ON Kitchener, Park Fest in Victoria Park, join "Chime FM" there | 563 |
| 2107 | unID | 107.7 ?? "K-Country 107.7" confirmed not to be WNUC (Frank, I believe that this could be Loudonville, OH? -grc) | |
| 2154 | WNUC | 107.7 NY Wethersfield, NEW TROPO STATE, NOTE 13 | 660 |

SEPTEMBER 1999 DX

1 TR "best Northern opening noted here"

- | | | | |
|------|------|---|-----|
| 0000 | KZIO | 104.3 MN Two Harbors, "Harbors... Superior..Duluth" nostalgia/big band | 456 |
| 0001 | WOJB | 88.9 WI Reserve, signing off (how many of THESE do U hear?) rare | 400 |
| 0018 | KRBR | 102.5 WI Superior, "Rock 102.5 The Bear", Scandlin(?) ad, calls at 0019 | 440 |

Frank Merrill's report continued:



SEPTEMBER 1 Tr

- 0059 WBUM 104.3 MI Baraga, no phase, legal ID, low-fi MONO 451
- 0100 WHSA 89.9 WI Brule, calls (WCBU) 428
- 0103 WCUP 105.7 MI L'Anse, no phase, or WAPL either, legal ID + Marquette, all morning 435
- 0108 WHWL 95.7 MI Marquette, presumed with traditional g, not needed 452
- 0119 WVRQ 102.3 WI Viroqua, (WRMJ), Q-102, never did hear WHKB Houghton 452
- 0312 WUPY 101.1 MI Ontonagon "The Rock on the Shore", no problem WRVP-IL, WIXX 448
- WJNR 101.5 MI Iron Mountain, no phasing, "the beast that ate Madison, WI", hi 393
- 0434 WCMZ 98.3 MI Sault Ste Marie, NPR news, WCQM-WI buried it (KQYB)

- 0442 WBCM 93.5 MI Boyne City, (KKMI) "country music WTCM" after EDT time (103.5) 436
- 0516 WHCH 98.3 MI Munising, "hottest Country on the UP, that's Hot Country 98.3" 459
- 0520 WOLW 91.1 MI Cadillac, overtook the NPR that I was chasing (WGGL?) 376
- 0559 WCMZ 98.3 MI Sault Ste Marie, (WHCH, WCQM, or KQYB), CMU Net Legal ID 524
- all the others are k and sound the same!
- 0603 WIHC 97.9 MI Newberry, "Sault Ste Marie's #1 Country Station, hot Country 97-9" 483
- 0617 WIMK 93.1 MI Iron Mountain, "K-Rock 93.1 and 94.1", trying for CFNO (why not?) 393
- 0626 CJQM 104.3 ON Sault Ste Marie 526
- 0658 WGGL 91.1 MI Houghton, M.T.U. Credit Union, "MN Public Radio WGGL" UP calendar, no phasing **NOTE 14** 471
- 0706 WSUE 101.3 MI Sault Ste Marie, lotsa talk about the Chippewa County Fair (KUUL) 524
- 0727 WKLA 106.3 MI Ludington 324
- 24 GW**
- 0100 WMQZ 104.1 IL Colchester, legal ID with Macomb, "The New Mix 104.1" 10

Wow, is all I can say. WHAT A SEASON! Probably the best overall FM DX season in at least 10 years; part of it is because I was at home instead of traveling, when there were good openings, hi! I have yet to review the accumulated tapes of the season - a really good season can squeeze all the other things that I have to do and indeed I am sending these in now since there'll be no more chances to do so until November. I am using the Tandberg tuner in vast preference to the MacIntosh MR-78, because after having spent a huge amount of money to fix the MR-78, it came back with the sensitivity backed off, and the old problem recurred. Is there anybody who is *reliable* who fixes MR-78s?? McIntosh is useless for this, because they always tweak the tuner for the best AUDIO performance, where I would rather sacrifice some audio and have it be a real DX machine... I did complain about the fact that the S-meter plateaued around an "8" reading (where it took at least 15 to 20 dB to deflect the reading), which made phasing virtually impossible, due to no meter deflection showing up as I would approach a signal phase. That problem was corrected, there is no longer a signal strength "plateau" but that is useless with the Tandberg currently being at least 4 or 5 dB more sensitive, and even the corrected meter is not as good as the Tandberg meter. The MR-78 also has some problem with their attenuator switch ("low gain" vs. "high gain" antenna positions), where their low-gain antenna position (for poor or weak antennas) performs weather than high-gain antenna; it should be the other way around. Certainly not worth the outrageous prices they charge for repairs! So, it will be November, OR LATER, before I am able to review this season's tapes. My annual trip to WTFDA was canceled by the great earlier-season DX, as much as anything (a combination of factors, all time-related). I think I have a historic bumper crop of "NOTES" here, too, but somehow I almost made it all the way through June before any notes were needed.

- 1 (1421, June 26): Something strange was going on here! Jeff K. noted the same thing on TV, namely that the direction of this opening was severely skewed. Was this, perhaps, Es backscatter? These 95.9/98.9 only came in with antenna pointed toward New England, which I "seconded" on 95.9 by also trying the "high" antenna. The latter gave me too much WHTS-IL on 98.9 though. These stations would start to "dump" as I moved the antenna Southeast.
- 2 (1311, July 1): There's something real good here, it awaits the "tale of the tape" where I am sure I will figure it out. I wrote it down as sounding like "Radio Piñones, XHCRO" Something other than Reynosa for once! FM Atlas lists XHCTO in Gomez Palaco, Durango (would be a new Estado) and XHCRA in Alamo, VC (not new state, but about 1400 miles)
- 3 (1221, July 4): If I have not logged this vis Es before, it's a new mode for me, former Tr
- 4 According to Jeff Kadet, who was monitoring the VHF chatroom, there was a decent 2-meter opening basically on top of me at the time (OH-to-KS path, etc.). I was getting only TV from the south at the time, generally somewhat closer stuff (New Orleans, Amarillo)
- 5 (0000, July 5): I also heard the legal ID for WIBI 91.1 at this time. They definitely made no mention of this translator (which are listed in their ID). Andy Bolin told me that he found them off

CHARLES BERNTH - P.O. BOX 226, EASTPORT, NEW YORK

Equipment: Denon 375-RD receiver & RS FM antenna

- 0112 WIYX 97.9 MD, Baltimore "98 Rock"
- 0117 WJNB 89.3 NJ, Bridgeton "WBG0" & "Jazz 88"
- 0138 WBJB 90.5 NJ, Lincroft calls
- 0150 WJBR 99.5 DE, Wilmington calls
- 0745 WEAA 88.9 MD, Baltimore calls
- 0758 WGTS 91.9 MD, Takoma Park RDS-"WGTS-FM" 263
- 0804 WTMD 89.7 MD, Towson calls 231
- 0808 WJHU 88.1 MD, Baltimore calls 235
- 0809 WERQ 92.3 MD, Baltimore "92-Q" 235
- 0828 WARW 94.7 MD, Bethesda "Classic Rock 94.7" 268
- 0841 WASH 97.1 DC, Washington RDS-"WASH-FM" 265
- 0857 WWDC 101.1 DC, Washington "DC-101" 265
- 0911 WXYV 102.7 MD, Baltimore calls 237
- 0913 WGM5 103.5 DC, Washington classical 269
- 0924 WOCT 104.3 MD, Baltimore ads
- 1236 WKPE 104.7 MA, Orleans "Rock 104.7" & "the Cape" 153

- 0656 WYND 97.1 NC, Hatteras



- 0722 WKHI 107.5 VA, Exmore
- 0727 WFOG 92.9 VA, Suffolk
- 0802 WSDL 90.7 MD, Ocean City
- 0806 WXEZ 94.1 VA, Yorktown
- 14 TR**
- 0907 UNID 92.9 "The New Soul Classics" (Charles, this is Suffolk, VA's new format - grc)

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK 13041

Equipment: Carver TX-11a w/IF Filter Mod, SP9s at 35' AGL & 12' AGL (vert pol for Es). Internet: nordquist@twcnv.rr.com

AUGUST 15, 1998 DX

- 15 ES KS-MO-AR MUF: 108 Mhz**
- 1211 100.3 KUKU MO Willow Springs Oldies 100 951



NOVEMBER 8, 1998 GW

- 2050 101.3 W267AL NY Syracuse WKRL xltr 6

DECEMBER 11, 1998 GW

- 2230 91.9 W220CJ NY Penn Yan Family Radio xltr 58

28 GW

- 1913 90.5 WXXE NY Fenner Double-X 21

FEBRUARY 8, 1999 GW

- 2100 90.3 Part 15 LPFM NY Syracuse Electronic Svc Center tape loop 6

MAY 1999 GX

11 Tr

- 1217 91.7 CHOW ON Welland k 154

12 Tr

- 1427 101.9 WHUG NY Jamestown 173

23 Es 2131-2209 no IDs

24 Es 1930-2056 KS MUF: 101.9

- 1930 94.3 KCVV KS Wichita 1177

- 1945 94.3 WTIX LA New Orleans 1196

30 Es 1948 2026 no IDs

JUNE 1999 DX

10 Es 1842 1929 TX/OK MUF 100.3

- 1837 97.1 KMMY OK Muskogee 1146

- 1838 95.5 KAFX TX Diboll 1318

17 Es 2025 2115 FL MUF 95.5

- 2108 90.1 WTJT FL Crestview g 1031

18 Es 2050-2103 Unids

19 Es 2001-2026 LA MUF 95.5

- 2026 95.5 KRRG LA Lafayette 1253

20 Es 0919 & 1740-1826 MO/KS/IL/IA MUF 104.9

- 1757 92.3 KCCV KS Olathe g 1017

- 1802 95.5 WGL0 IL Pekin k 718

- 1809 100.7 KMZU MO Carrollton k 939

23 Es 1828 2130 KS/LA MUF 97.1

- 2130 94.3 KCVV KS WICHITA g 1177

26 Es biaggie 1013-2103 KS/MO/IA/TX/OK/LA. MUF

108+

- 1027 100.1 KNOZ MO Cameron 967

- 1037 93.9 KDGS KS Andover 1167

- 1057 92.5 KQMA KS Phillipsburg 1223

- 1059 93.5 KRSS MO Tarkio 1009

- 1101 95.5 KAAAN MO Bethany 944

- 1117 89.5 KHCD KS Salina 1159

- 1130 92.3 KTTN MO Trenton 927

- 1219 95.5 KQNS KS Lindsborg 1168

- 1223 98.1 KYBD KS Copeland 1339

- 1303 91.7 K219DC KS St. John KJIL xltr 1240

- 225 watts

- 2051 91.9 KAVX TX Lufkin 1308

Also many UNIDs/relogs during this marathon Es session.



4 Es (July cont'd)

| | | |
|----------------------------------|---------------------------|------|
| 1245 XHEC | 91.9 CL Sabinas, SS | 1240 |
| 2004 KOOV | 103.1 TX Copperas Cove, k | 941 |
| KY 94 | | |
| <i>Today's Country Favorites</i> | | |
| 2008 KYEZ | 93.7 KS Salina, k | 659 |
| 2022 KICX | 96.1 NE McCook, rm, wx | 805 |
| 2033 KPRZ | 96.1 CO Fountain, g, wx | 1036 |
| (o/WQLK | 96.1 IN Richmond) | 35 |
| 2046 KGFT | 100.7 CO Pueblo, g | 1038 |
| 2048 KALC | 105.9 CO Denver, r | 1040 |
| 2052 KQKS | 104.3 CO Longmont, k | 1041 |
| 2054 KUAD | 99.1 CO Windsor, r | 1028 |
| 2100 KUWR | 91.9 WY Laramie, j | 1060 |
| 2101 K202BP | (KROA calls) | |
| | 88.3 KS Bellaire, g | 710 |
| 2106 KBPI | 106.7 CO Denver, p | 1040 |
| 2116 KMUS | 101.9 WY Burns, k | 996 |
| 2137 KMTY | 97.7 NE Holdrege, r | 737 |
| 2200 KAML | 96.9 WY Gillette, r | 1068 |

6 Es

| | | |
|-----------|---------------------------|-----|
| 1847 WEVO | 89.1 NH Concord, t mono | 742 |
| | "NH Public Radio" | |
| (o/WBNI | 89.1 IN Fort Wayne) | 62 |
| 1917 KEOM | 88.5 TX Mesquite, r | 807 |
| 7 tr | | |
| 0140 KZKY | 96.9 NE Seward-Lincoln, k | 617 |
| 0215 KMZU | 100.7 MO Carrollton, k | 435 |
| 0225 KMXV | 93.3 MO Kansas City, r | 495 |
| 0245 KRES | 104.7 MO Moberly, k | 378 |
| 0330 KZZT | 105.5 MO Moberly, o | 378 |

7 Es

| | | |
|-----------|---------------------------|------|
| 1200 KUNC | 91.5 CO Greeley- | 1018 |
| | Fort Collins, c | |
| 1204 KIQQ | 92.7 WY Rawlins, k, ads | 1145 |
| 1218 KYCS | 95.1 WY Rock Springs, ads | 1249 |
| 1221 KTRZ | 93.1 WY Riverton, rm | 1204 |
| 1222 KTAK | 93.9 WY Riverton, k | 1204 |
| 1225 KMLD | 97.3 WY Casper, o, wx, | 1099 |
| | "Melody 97.3" | |
| 1233 KAML | 96.9 WY Gillette, ad | 1068 |
| 1238 KKLX | 96.1 WY Worland, r, ads | 1187 |
| (o/WQLK | 96.1 IN Richmond) | 35 |
| 1247 KLGJ | 92.9 WY Buffalo-Sheridan- | 1127 |
| | Gillette-Hardin MT, k | |
| | ex-92.7 | |
| 1255 KZWY | 94.9 WY Sheridan, r | 1145 |
| 1303 KCTR | 102.9 MT Billings, k | 1228 |
| 1325 KZIN | 96.3 MT Shelby, nx | 1428 |
| 1337 KPQX | 92.5 MT Havre, wx | 1332 |
| 19 tr | | |
| 1700 WKLX | 100.7 KY Brownsville- | 210 |
| | Bowling Green, rm | |

24 ms (July cont'd)

| | | |
|-------------|----------------------------------|---------|
| 0137 KJMO | 100.1 MO Jefferson City, | 379 |
| | previous tr | |
| 24 tr | | |
| 1800 KRNO | 96.3 IA Keokuk, op | 317 |
| 1838 KDMG | 103.1 IA Burlington, k | 310 |
| 2315 KRKN | 104.3 IA Eldon, k | 360 |
| 25 tr | | |
| 0234 KOKX | 95.3 IA Keokuk, k | 317 |
| 2000 WGGF | 89.3 KY Paducah, g | 276 |
| 2023 KMAL | 92.9 MO Malden, r | 352 |
| 26 tr | | |
| 0003 WTAO | 105.1 IL Murphysboro, r | 270 |
| | ex-104.9 "Rock-105 TAO" | |
| 0400 WAYM | 88.7 TN Columbia- | 328 |
| | Clarksville-Nashville, g | |
| (o/WIGR | 88.7 IN Indy) | 50 |
| 0405 WVCP | 88.5 TN Gallatin, r | 268 |
| 0605 WCHW | 103.9 MI Harbor Springs | 363 |
| 2200 WGNJ | 89.3 IL St. Joseph, g, | 140 |
| | Good News Radio, equipment tests | |
| 29 tr | | |
| 1750 KKLS | 104.7 SD Sioux Falls, r | 628 |
| 30 tr | | |
| 0106 WGBV | 94.1 KY Glasgow, k, | 222 |
| | "The Beaver" | |
| 31 tr | | |
| 0200 WBYS | 107.9 IL Canton, mr | 246 |
| (o/WTFI | 107.9 IN Indy) | 50 |
| 1050 WNNK | 92.1 IL Carthage, o, ID | 303 |
| (WBST | 92.1 IN Muncie, off air) | 5 |
| August 1999 | | |
| 3 tr | | |
| 0100 KOMC | 100.1 MO Kimberling | 495 |
| | City, m | |
| 8 ms | | |
| 7? WNOE | 101.1 LA New Orleans | 755 |
| 9 tr | | |
| 0257 WWJM | 105.9 OH New Lexington, r | 171 |
| | ex-106.3 "105.9 The Mix" | |
| (o/WPFB | 105.9 OH Middletown) | 70 |
| 11 tr | | |
| 0700 WRVP | 101.1 IL Glasford- | 230 |
| | "The River" Peoria, r | |
| 14 ms | | |
| 0300 KQLA | 103.5 KS Ogdan, | 607 |
| | Previous tr | |
| 17 tr | | |
| 0100 WRSR | 103.9 MI Owosso-Flint, | 205 |
| | "Soft Rock 103.9" mr | |
| (o/WXKE | 103.9 IN Fort Wayne) | 62 |
| 22 tr | | |
| 2000 WBJW | 91.7 IL Albion, g | 190 |
| (o/WBSJ | 91.7 IN Portland) | 27 |
| 23 tr | | |
| 2100 WXAV | 88.3 IL Chicago, p, | 150w165 |
| | (All stations caught on tape) | |

Meteor Scatter Results:

6/17 KNTU "...the late edition. Good evening, KNTU news time is 5:30..."
 6/20 KCFX "...101 KCFX and you..."
 7/24 KJMO "...so keep your radio tuned to Kiss-100.1 for the most..."

8/08 WNOE "...WNOE. Right now it's the Dixie Chicks, and you're listening to today's hot country and your all time favorites on the big one 101.1 WNOE..."
 8/14 KQLA "...KQLA Ogdan..."

The Es season was a disappointment last summer. Signals were very choppy and sporadic. When DXers from IL had wonderful Es to the east coast, I found nothing, as Muncie, IN is too close to such states as PA MD VA NC SC, etc.

Last July 29, I had arthroscopic surgery on my left shoulder. The surgeon made three incisions, taking spurs, adhesions, and scar tissue off the bones, which was causing pinched nerves and pain. The therapy has been much more painful, but the pain is gradually going away. Ed. band total - 719. Meteor scatter at 218.

BETTER SELECTIVITY AND SENSITIVITY FROM VIRTUALLY ANY FM RADIO!

by Bruce Carter

There is one area where even good audio gear skimps - and it is called "test-selecting" parts. They don't do it because it is expensive and labor intensive. Which parts am I talking about? I am talking about little parts the size of your fingernail, called "IF ceramic filters". For those familiar with electronics, they look like little ceramic disk capacitors, except they have three leads on them instead of two. Here is an enlarged picture:



These ceramic filters are relatively new innovations in electronics, and have only been in use about 15 years. Early ceramic filters had much looser specs and wider bandwidths - Delco car radios are notorious for this! Vast improvements can be made by swapping these older filters for newer ones. Even older receivers may not use them at all, having several "IF transformers" instead. If you really know what you are doing, you can modify these radios by finding an interstage coupling capacitor or two, and swapping it out with a ceramic filter. You will need to hook the center conductor of the filter to ground. Watch the DC voltages in tube equipment, however!

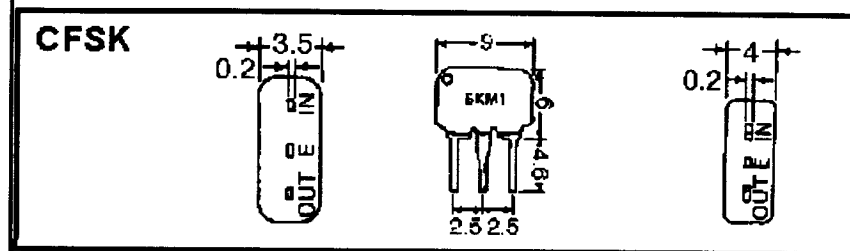
The majority of these filters are manufactured by two manufacturers - Murata and Toko. They come in several varieties, or bandwidths. Almost without exception, what is installed in your tuner is a 280 kHz variety. Since FM stations are spaced every 200 kHz, this means that they are wider than they have to be for each station. The reason for this is that they are not precise, they can be a little high or low. If you use 280 kHz, you are guaranteed of covering the whole station.

So - by test selecting filters that are all centered the same, you would only need 200 kHz. Standard filter values, or bandwidths are: 280, 230, 180, 150, 100, and 90 kHz. So you should use 230, right? WRONG!!! The way FM is actually transmitted, you only need a little over half of the 200 kHz bandwidth for stereo reception. The rest of the channel is used for elevator music, paging, telemetry, and other things that you don't need at all. A good compromise is to use the 150 kHz ceramic filters, matching them carefully for center frequency. This will yield superb selectivity, and you will notice a big increase in sensitivity as well. The reason for this is a thing called the "gain/bandwidth product". As the bandwidth goes down, the gain goes UP! It isn't hard to understand the conceptual reason - instead of amplifying parts of adjacent channels and all the sub-carrier stuff you don't need, you are focusing right on just the important portions of the station you are interested in. You aren't wasting energy and resources on noise. It is VERY important to match the filters. If they are not matched, your stereo reception will suffer BADLY! The best way for an amateur without the necessary equipment is trial and error. It is pretty easy if your stereo only has two of these filters. If it has three, the best thing to do is leave the first one alone and just change out the second two. Then you can go back and change the first one to match the other two if you want. It won't make that much difference.

PROCEDURE

(1) Before doing anything else, you need to order the parts you need. The quickest way is to order them from Digi-Key (1-800-344-4539). They can accept credit card orders, so have your credit card handy. Think ahead - most radios have 2 FM ceramic filters, so order 2 for each radio you want to modify. They don't cost that much. The part number you want is: TK2308-ND Single pieces are 72 cents, it is \$6.27 for 10. The description is "FM ceramic filters" (with 150 kHz bandwidth). The Toko part number is: SK107M4-AO-10. Here is the catalog page:

FM Ceramic Filters "10.7MHz"



| Bw @3dB (KHz) | Ins. Loss (Max.) | Spurious Response (9-12 MHz) | Impedance | Digi-Key Part No. | Pricing | | | Toko Part No. |
|-------------------------|------------------|------------------------------|-----------|-------------------|---------|------|-------|---------------|
| | | | | | 1 | 10 | 100 | |
| CFSK Type \$NEW! | | | | | | | | |
| 280 | 6dB | 30dB | 33Ω | TK2304-ND | .86 | 7.56 | 54.00 | SK107M1-AO-10 |
| 230 | 6dB | 35dB | 33Ω | TK2306-ND | .86 | 7.56 | 54.00 | SK107M2-AO-00 |
| 180 | 7dB | 40dB | 33Ω | TK2307-ND | .98 | 8.58 | 73.50 | SK107M3-AO-20 |
| 150 | 10dB | 40dB | 33Ω | TK2308-ND | .72 | 6.27 | 49.23 | SK107M4-AO-10 |
| 110 | 10dB | 30dB | 33Ω | TK2309-ND | .90 | 7.88 | 61.88 | SK107M5-AO-10 |

If you are modifying a portable radio that does NOT have stereo reception, you can substitute a TK2309-ND / SK107M5-AO-10. It is slightly more expensive but will reject adjacent frequencies better.

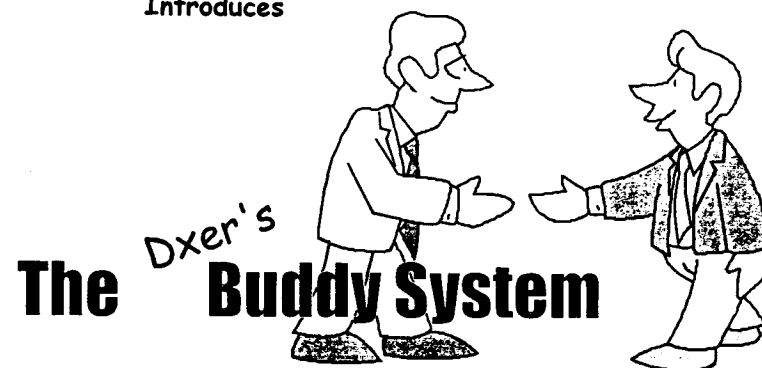
(2) You need to find the FM ceramic filters in your radio (described above). Some portables may have only one, most other radios 2 or 3. You may have to do a fair amount of disassembly to find them. You will need to be able to get to the underside of the PC board to unsolder them.

(3) Make note of location of the polarity marker on the old ceramic filter(s). It is usually a red dot. Carefully unsolder each ceramic filter in the radio, cleaning the traces and holes after you get it out. Solder wick or a vacuum de-soldering tool is very helpful. Solder in the new ceramic filters with their polarity markers in the same direction as the old. Trim excess lead length and re-assemble.

TRADE OFFS

1. You are giving up is the portion of the FM station above 57 kHz. If you are interested in the background music transmitted on an SCA subcarrier, or in RDS information, you cannot do this modification.
2. If you have a portable, or a radio with manual (non-digital) tuning, you may find it harder to tune stations precisely. The radio's AFC function, usually switchable, may help, but it may also lock on a stronger nearby station, usually the one you are trying to get rid of!

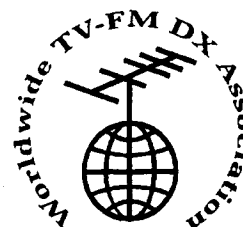
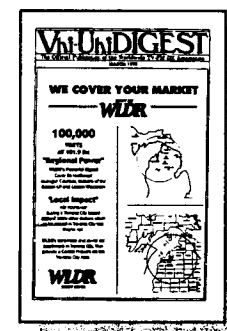
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