

# From The STAFF

**WANTED: A HOST FOR WTFDA CONVENTION 1990...** The 1989 WTFDA Convention will be going on at North Syracuse, NY around the time you receive this issue. It's already time to start thinking ahead to next year. We need a volunteer to host the 1990 gettogether. If YOU would like to host the event, it's time to drop a line to club P.O. Box 514 (be sure to mark your letter "Attention WTFDA Board of Directors" so that individual copies can be forwarded to them). All serious bids are considered; if you are interested but not sure about what's expected of a convention host, enclose a self-addressed stamped envelope for reply and we'll fill you in on the details. If more than one bid is received by September 30, a membership vote will determine the site.

**SPEAKING OF VOTING...** A volunteer is needed to coordinate a club membership survey. Such a project gets suggested periodically and always is a great idea, but we need a qualified volunteer to conduct it and to write an article summarizing the results. Response to club membership surveys conducted in the past was very poor. This could easily be interpreted as member apathy, prompting some to call it a complete waste of time. The fact remains that the editorial staff needs such a survey to determine exactly what kind of articles WTFDA members want to read in the VHF-UHF DIGEST, and which aspects of the VHF/UHF DXing world should receive coverage. Therefore, we are looking for a person who has been a WTFDA member for at least five years and has some experience with statistical analysis, particularly with a research or business background. If you would like to volunteer for this task, please drop a line to P.O. Box 514.

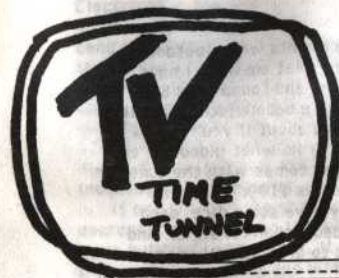
**A MEDIUM E-SKIP SEASON...** That appears to be the general assessment of the summer Es activity. There have been some great openings though--July 4th was one, and definitely exceptional on paths along the Eastern Seaboard and parts of the Midwest. E-skip opened up the 144 MHz ham band, and soared past the 162 MHz NWS channels to TV ch 7!

**COLUMN NEWS...** This month's huge NORTHERN FM DX column is actually a "double shot" resulting from a missed deadline...The FM antenna article on page 55 of the July issue carried no "byline" by request of the writer, who complained that he felt that we're "biased" in favor of Channel Master antenna equipment. He wrote the article at our request, but would not allow us to run it unless we agreed not to use his name with it. By the way, his name is NOT Mr. Winegard!

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This month's cover by 1989 WTFDA CONVENTION HOST Bill Kretschmer.



TECHNICAL TOPICS  
**WTAM · WTAM-FM · WNBK**  
**NATIONAL BROADCASTING COMPANY, INC.**  
A SERVICE OF RADIO CORPORATION OF AMERICA  
 The NBC Building, Cleveland 14, Ohio  
CHERRY 1-2942

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

## GHOSTS !!!

This is the first in a series of three glimpses at old logos, letterhead and verification material from the summers of 1955 and 1956. I made these particular selections because the stations no longer exist, have changed calls or have changed channels.

KGEO-TV ABC CHANNEL 5  
 Enid, Oklahoma  
 VERIFICATION CARD

**W.R.B.L.**  
AM 5,000 Watts - FM 45,000 Watts  
**COLUMBUS BROADCASTING CO.**  
ESTABLISHED 1928  
 Studio and Offices  
 1350 13th Avenue  
 COLUMBUS, GEORGIA

Time Received 12:15 PM CST Date received 6-5-56  
 RCA TT10AL Transmitter TF12AM RCA Antenna  
 Antenna Height 819'  
 Transmitter Location 9.5 miles East of Enid  
 100,000 Watts ERP Visual 50,000 Watts ERP Aural  
 ABC Network Affiliation

Dear Tom;  
 Thanks for your DX report.  
 We operate on channel 4  
 with 100 kilowatts power our  
 antenna is 660 feet above  
 average terrain, are affiliated  
 with CBS as basic and ABC  
 secondary. Began operation  
 in Nov 1953. Use GE equipment  
 throughout except 3 RCA  
 cameras.

Yours truly,  
*Clyde J. Clark, Jr.*

Regards,  
*Joe Gamble*  
 Joe Gamble CE

## THE BUFFALO EVENING NEWS STATIONS



STUDIOS HOTEL STATLER  
 BUFFALO 2, NEW YORK

CHANNEL **2** BANGOR, MAINE

## VERIFICATION OF RECEPTION

Thank you for your report of 6/6/56 advising us of your  
 reception of **WOAI-TV** in Hopkinton, North Dakota  
 Transmitter and studio location: 1031 Navarro Street  
 Frequency: 66.72 megacycles - Channel 4  
 Video Power: 100,000 watts  
 Audio Power: 50,000 watts  
 Tower Height: 572 feet; 480 feet above average terrain.

HAVE YOU HEARD THE "LISTENER'S DIGEST"?

# WNBK

**WOAI-TV**



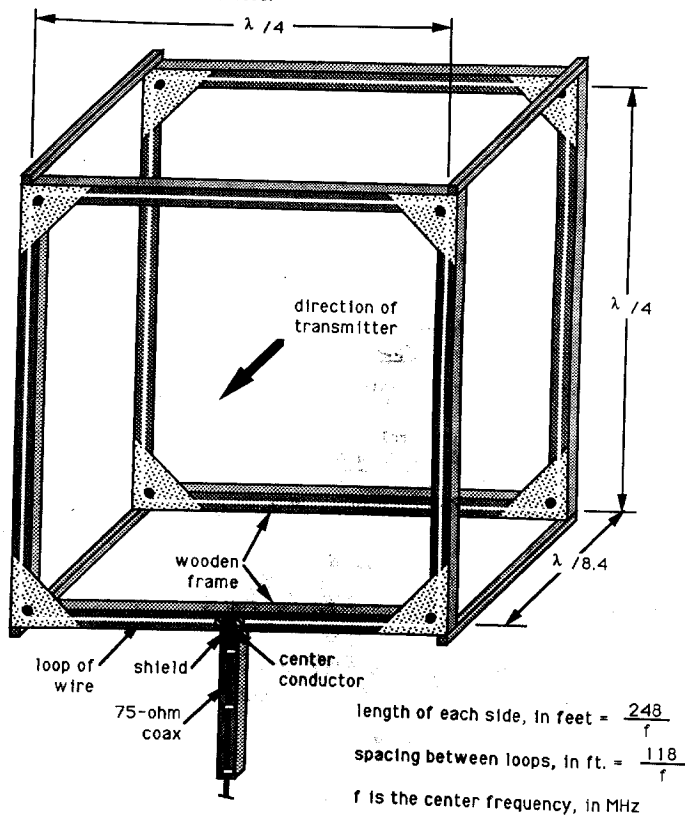
San Antonio, Texas

**NBC TELEVISION** A SERVICE OF



# TECHNICAL TOPICS

How about an antenna for those DX'ers living in apartments where outdoor antennas are verboten? The square loop might be the best answer. I have built the array shown below for the FM broadcast band and found it to be a life-saver. This array has a gain of around 4.5 dB and a beamwidth of about 110 degrees. While this is nothing to get real excited about if you're used to using a nice outdoor array on a tower, it is a far cry from what indoor DX'ers are accustomed to using: the 39-cent wire dipole that comes with the tuner or the amplified indoor antennas which sell for as much as \$100. With this design, which dates back to the 1930's, you actually have some nice, deep nulls which can be used to dig out weak DX in crowded, urban FM dials. And for the casual listener, such an antenna can be used to dramatically reduce multipath on the local favorites.



Very little effort is required to build the array. In fact, it doesn't even have to be as fancy as the illustration here. Since this antenna does not work miracles, it must not require any special construction techniques. It is nothing but a wire loop, a quarter of a wavelength long on each side, with a feedpoint cut anywhere on its perimeter. The loop wire can be lamp cord, solid hookup or doorbell wire, or whatever you have handy. It can be nailed to a wall, or put on a frame of scrap lumber as I've shown here. It's characteristic impedance is 120 ohms, so use coax (RG-59, RG-6, etc.). Polarization depends on where you put the feedpoint. If you locate the connection at the center of a horizontal side, for example, the antenna will respond to horiz. signals while attenuating the vertical ones by 20-30 dB. The pattern is broadside, i.e., perpendicular to the plane of the loop. Use those facts to your advantage for nulling out pesky locals. Remember that a signal arriving by skip will not necessarily have its original polarization.

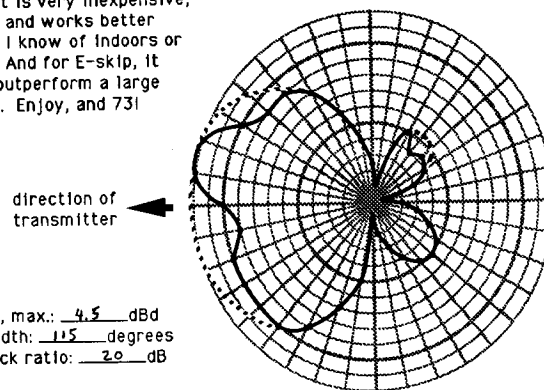
Electrically, the loop behaves as two truncated dipoles. Imagine two quarter-wavelength dipole antennas one-quarter wavelength apart. Then, bend the ends of the top dipole down at right angles toward the lower, making the corner 1/16 wavelength from each end. If you then bend the ends of the lower dipole up in similar fashion to meet the upper dipole, their ends will touch, forming a square. Now short one of the feedpoints, and you have the quad loop. The single loop thus formed has a gain of 3.0 dBi and impedance of 120 ohms. Its directivity is a bit narrower than a single, half-wavelength dipole, hence, slightly more gain, or 0.85 dBd. This gain and directivity is independent of feedpoint location.

If one changes the shape of the loop, to rectangular, gain can increase or decrease, depending on the width to height ratio. If the loop shown at left were built tall and skinny, it would have more gain but near-zero impedance. If it were built short and wide, it would look more and more like a folded half-wave dipole having less gain (2.15 dBi or 0 dBd) and 300-ohm impedance. This is the cheap wire antenna usually supplied with a new tuner. And if the loop were kept equilateral but with increasing number of sides (pentagon, hexagon, octagon, etc.), gain would increase to a maximum of 3.3 dBi for a circular shape. The feed point impedance in that case goes to 135 ohms and you have that 69-cent UHF loop antenna that came with your TV set.

Now let's add a parasitic element to our dipoles. If a second, closed loop of the exact same size is placed behind the driven loop as shown in the sketch, our antenna becomes an array. This array will have at least 5 dB gain over the single loop and a useful pattern to boot. The feedpoint impedance is a bit less than 120 ohms. (Yes, this is a slight mismatch with 75-ohm coax; the VSWR is then 1.6:1. But the small loss is made up by short cable run since the antenna is indoors with the receiver. You may NOT use 300-ohm twin lead or 50-ohm coax.) One can expect 8 dBi, or 5.85 dBd gain, and a front-to-back ratio of around 20 dB. This performance is very similar to a four element Yagi. In fact, theory suggests that the gain of a loop array is higher than that of an equivalent Yagi, but does have a somewhat wider beamwidth. That means the performance of this home-brew loop array is very similar to the Radio Shack 6-element Yagi! (The Radio Shack model, a.k.a. Antennacraft GFM-6, has roughly 6 dBd gain and a 25% narrower pattern.)

I have provided, below, the pattern for the quad loop array I built in September, 1986. Measurement was made by rotating the antenna while monitoring a fixed transmitter at 91 MHz, approximately two wavelengths above ground. (Pattern distortions were caused by the wall of a nearby building; actual free-space response would follow the dotted curve.) Maximum gain is perpendicular to the parallel planes of the loops, in the direction of the driven loop.

This antenna, if cut to 98 MHz, will be less than 3 ft. square, and easy to move around. If necessary, add a trap or preamp right at the feed point. It will not be as good as a large outdoor antenna, but it is very inexpensive, easy to build, and works better than anything I know of indoors or on a balcony. And for E-skip, it can actually outperform a large outdoor array. Enjoy, and 73!



T. K. McVEY...9906 El Dee Dr., Ellicott City, MD 21043

## MORE ABOUT FM ANTENNAS

Did you enjoy reading the "FM Antenna Buyer Beware" piece in the VUD. (p.55-July 89)? I did, but now I'd like to bring a technical perspective into this lest some confusion arise. Actually, I agree with the basic premise of the article: that the Channel Master 4408 [a.k.a. Stereoprobe Nine] ain't necessarily the greatest antenna in the world. In defense of the 4408, I think there are some very good reasons why it has become a WTFDA "standard," namely:

- very good gain, around 10 dB
- construction as good or better than other antennas
- conveniently dismantles into halves that're only 6' long
- reasonable cost & wide availability

The 4408, admittedly, has wimpy F/B ratio because it lacks reflector elements: a DX'er stacking antennas would be wise to consider other models, particularly the Antennacraft GFM-10. Still, it is one of the best choices for an affordable, easily rotatable, outdoor FM antenna and will outperform any TV antenna used for FM. There are some basic reasons for this...

Here's something to remember: for a given number of elements (or size, or, *capture area*), a Yagi design will exhibit better forward gain and directivity (in other words, its response will be confined to a narrower beamwidth) than a Log-periodic design. And the Yagi is much easier to match into a given transmission line. But there's a catch: the Yagi is very narrowband...it's only efficient for a narrow range of frequencies. (Even the 88-108 MHz FM band is a bit tricky to cover with one antenna.) The LPA can be made to cover much wider bandwidths, say, the entire VHF TV range. Because the FM band falls between channels 6 and 7, most any VHF TV antenna will work, but will not give you very good nulling or F/B rejection. And it's certainly no help to have all those TV signals going into your FM tuner. So, you see, any antenna is a tradeoff between performance and bandwidth.

It's a true generalization that passive antenna design has seen very little innovation lately; it could be said to be a "mature" technology. For example, the Yagi was invented by two Japanese gentlemen in 1926 and no one has since come up with anything better for our application. (Actually, a lot of new, exciting work is being done with active antenna designs—*phased arrays*—whose patterns are shaped and steered electronically. I have designed such an array for the UHF range.) It's not true that WTFDA members are withholding information from those who would like to home-brew antennas. Such information, in the first place, is scarce. And the fact is that antenna arrays are very difficult to get working right unless one has some experience along with the appropriate materials, equipment, etc. Sure, the ham literature is full of VHF antenna projects, but how many of you out there want to tackle projects that usually only Technicians and above will attempt?

In 1986, I designed and built a 4-element Yagi for FM just to see how much trouble it would be. The theory and design was actually quite straightforward. However, I could never get the thing to work as well as it should have. It refused to match into my coax, so the gain and beamwidth varied radically across the band. This didn't seem to be worth sharing with others. (I still plan, one of these days, to build a huge, 20-element Yagi array just to see how well such an animal can pull in the scatter.)

Later, I built a rhombic (quad loop) with reflector which served me very nicely indoors when I was living in apartment buildings. It's a great antenna and beats the heck out of all those silly \$89 indoor, active FM antennas that are being sold these days as a result of publicity in the hi-fi magazines. The quad loop has appeared in the June 74 and May 80 VUD's, but I'll embellish and re-introduce it elsewhere in this issue.

Audio magazine ran an article in January 82 which described how to build indoor rhombic antennas for FM and TV. These work well, also, but I'm not sure what DX'er wants an antenna having 6 dB gain in a 90-degree beamwidth that cannot be rotated (those suckers are 10' on a side and intended to be nailed to the ceiling perimeter of a room). These antennas do hold great promise in certain situations and they are easy and inexpensive to build, so the interested reader is referred to p. 24 of that issue. (Incidentally, that article mentions a double-parallel rhombic which a ham built for the 2m band. It had 27 dB gain, 1.3:1 VSWR into 300-ohm line, and a beamwidth of 8.5 degrees! To build a comparable antenna for FM would require over 150m of wire; the completed array would be about 120 feet in length.)

Finally, I would haste to warn you (that means everybody) not to take antenna specs as absolutes. First of all, antenna design involves a good deal of black magic even after the most painstaking calculations and engineering. The fact that an antenna design will still work after being mass-produced, banged around the country in a truck, and then set up by Joe Schmuck is a minor miracle. To quibble over 2 or 3 dB is silly since the *same* antenna may vary by more than 3 dB over the FM band and from unit to unit. The implication here is this: if that Audio mag. test were repeated the next day with a second set of the same model antennas purchased

from the same stores, the ratings would probably have come out completely different. Channel Master gives a spec of 9.5 dB which is likely to be conservative (worst-case) since they have to be able to back up whatever they claim. Then, if Audio's test setup wasn't the same as the factory, or if their spectrum analyzer wasn't calibrated, or if they happened to get a slightly better antenna at the antenna store, or, or, or...

What matters is that a DX'er get something—anything—that he or she can use to (1) null local or undesired signals, and (2) provide some gain for weak DX signals, especially from meteor bursts and troposcatter. These days, it is rare to find a tuner that doesn't already have good sensitivity. When you consider that there are now over 7,300 FM stations in the USA, it's hard to imagine a situation where a DX'er lives so far out in the boonocks that squeezing every last dB of gain is important. And since I bring up the issue, I'm now going to jump on my soapbox...

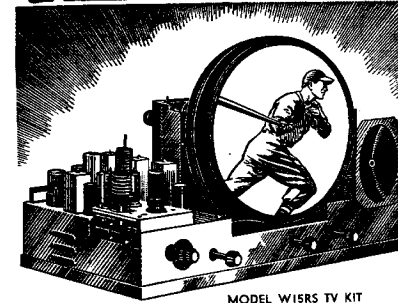
To me, a good argument can be made that the tuner needs far more attention than the antenna (we're talking about the FM broadcast band here). As long as you can get *something* outdoors, rotatable, and with any sort of gain and directional pattern, any antenna model would be useful. (There aren't that many models to choose from anyway.) Far more important is how well your tuner will handle all those signals the outdoor antenna will bring in. First, it's got to handle all that power without overloading (generating spurs and mixing products). Then, it must have sufficient selectivity to separate all those signals. Here's specifically where all those hi-fi magazines fail: they only use their fancy lab equipment to verify manufacturers' claims. The manufacturers, and hence the magazines, almost never do performance measurements that can tell clearly how well tuner X will sound in a consumer's system in suburban Chicago. Why intermodulation and dynamic range measurements are not made on tuners is beyond me. Any of the Leonard Feldmans out there could easily do the tests with their existing equipment, explain the results in layman's terms, and—bonus!—the readers would have a truly useful and relevant spec. The same can be said about adjacent channel selectivity. For crying out loud, folks, all the Larry Schotz minimum-group-delay, ultra low distortion, signal tracking, dualed-out super-duper hemi-whammy detectors in the world aren't going to give you a quality, listenable audio output, much less serious DX potential, if the damn front end overloads or if you can't get 88.7 in the next county just because there is a 88.5 only a few miles away. Many, many tuners, unfortunately, become practically useless for DX'ing when any sort of high-gain outdoor antenna is connected to them. Why, a DX'er in New Jersey recently wrote to me and complained that the outdoor antenna on his tuner allowed him to hear shortwave and TV video buzz on the FM dial!!! Folks, that DX'er is not stupid; the fellow that designed that tuner and expected anyone living near a large city to use it is.

So that's why it's unnecessary to get too picky with published antenna specs, especially when buying an FM antenna. And that's also why WTFDA is "stuck" on a few good products that have consistently worked well for DX'ers: the CM 4408, Winegard's CH-6065, Antennacraft GFM-10, and others. The same holds for a few tuners held dear to some hearts: Onkyo T-9090, Carver TX-11. And if one is on a tight budget and is unable to shop around at TV shops and hamfests, even the Radio Shack model (the 6-element Antennacraft GFM-6) can be quite useful.

T.K. McVEY

I can recommend an excellent reference on the subject: Yagi Antenna Design by Dr. James Lawson, W2PV, published 1986 by the Amateur Radio Relay League, Newington, CT.

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PICTURE  
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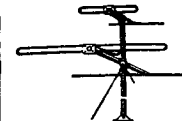
Make more money on every TV installation, cut down on come-back service calls—by picking up top-flight TV equipment at Lafayette's low 1988 prices!

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2 Bank Array—13 Channels

LIST PRICE: \$27.00

LAFAYETTE'S PRICE **\$625**



Here's a rare opportunity to pick up this excellent array at 75% off. Receive all 13 TV channels, plus the FM band. Range on the LF array: 44-108 MC.; 174-220 MC. on HF array. A average gain 2.5 db on LF array, 1.5 db on HF array above tuned dipole. Each unit can be rotated individually for maximum signal strength. Complete with 5 ft. mast. Stock up at this low price. No. 99496128 (Shipping weight: 14 lbs.) \$625

# FM NEWS

Bruce F. Elving, Ph.D., Editor  
241 Anderson Road  
Esko MN 55733-9413

## Readers' Reports—A VUD Exclusive!

Looking over my new FM Atlas, Frank Merrill found things "depressing!" He was seeing stuff like 107.9 Kirksville, 102.7 Macomb, 99.9 Macon, 102.5 Galva—all frequencies about to be covered over by nearby stations, hampering his Macomb IL DXing. Also a couple of nice-to-see changes like 107.9 WBY5, 97.9 KIDS, opening up 98.3 to DXing, 105.9 KOKX-FM, opening up 95.3. Even local WJEQ's move from 103.1 to 102.7 will make 103.1 DXing possible. When close-by WJEQ moves, he fears rf leakage "invading my VCR, TV, turntable, cassette deck, ballpoint pens, marshmallows, etc." He heard an unlisted Radio-Canada (French) on 105.7, mono, parallel to CBF AM and the "CBAF gang." He's getting the new WIBI translator in Beardstown on 90.1 very clearly, "never fades, even on 'dead' days."

Ken Simon's heard the new WTRU-FM 99.5 Jupiter FL testing with \$, b. The 7-23 "Jerusalem Post" listed Israeli Army FMs as 102.3 Haifa, 107.9 Jordan Valley, 96.6 Jerusalem, 99.8 Beersheba and 107.9 Eilat. Now when I read the Bible, I can put FM frequencies next to the place names! "Enclosed check for 12th edition! Has it been 12? Wow!"

Two people told me about the MN AAA and Chicago Motor Club printing a letter from a C. E. Kipp of Edgeley ND wanting radio station information for traveling. The editor only mentions "White's Radio Station Guide," which was available "until 1983." So Lance Worrell kindly wrote them and mentioned my FM Atlas, along with ordering price.

Jim Renfrew will definitely be at the WTFDA convention, "my first radio convention—ever! So I look forward to meeting you and many others there."

An outburst of profanity caused WGBW \*91.5 Green Bay to be shut down for a night. That was on the eve of when its programming was to be transferred to Wisconsin Public Radio, and the students lose control. "The profanity developed after [students] discovered a bulletin stating that the change of station control would occur three days earlier than expected, wiping out chances for many disc jockeys to present closing shows." Opponents of the changeover had gone to the chancellor to protest, but the chancellor and other officials "refused to listen."

Michael Bujag, who I hear is also going to the WTFDA convention in Syracuse, says the new WWAY 100.7 Wilmington VT, in stereo, is so strong on his Carver that it lights up four to five LEDs, while nearby WKVT 92.7 and WTSA 96.7 Brattleboro and WEQX 102.7 Manchester "are not even close to it." He sent an item about WRCH 100.5 New Britain CT expected to change to stereo "new age," or jr, ceasing "b" after to these many years—throwing "b" to the wolves that constitute the AM format of WRCCQ. Speaking of wolves, Carol and I were awakened a couple of nights ago to yelping and howling. We think some of our local wolves got a rabbit in the night. I've seen wolves on two occasions on our property, and we saw a lone rabbit earlier that night.

"I am one who appreciates your hard work on [the FM Atlas] and it is the best radio log of its kind," writes Walt Breville from St. Louis. "These days I am plain program listening to FM as much as AM thanks to technological advances conquering much of FM's big drawback—multipath and harsh weak signal noises. The stock factory '86 Ford radio in my car grated my ears with so much of that, it resulted in my switching back to the AM band most of the time. My favorite stations are all around 30 km away over many hills and high rise buildings on FM. So I replaced it with a Proton 214 CD

cassette receiver that has a Schotz circuit in the tuner. FM now sounds like AM on my favorite stations, but almost all of the nasty noises are gone! When the signal weakens, the Schotz circuit cuts out the noises by drastically reducing the high frequency response and channel separation so that often my favorite stations sound just like a good mono AM car radio—really not bad at all. I'd rather have the stereo wiped out and the high frequencies cut to those like AM radios than have those horrible multipath noises grating on my ears. And some car radios, like the AM-only factory radio in a Chevy Citation wagon, sound darn good on AM! [To be fair, my 50-year-old ears are not the best hearing high notes; I have great difficulty hearing nine and 10 kHz tones]. . . I take a fairly new Harmon Kardon 920 tuner to the country cabin for FM DX. It is better than the Carver TX-11 tuner for slicing thru adjacent channel interference to get DX, and to boot it has some AM stations sounding very close to mono FM to my ears!

"I am utterly convinced that the decline of the AM band in popularity is due to political screwing up because of the FCC refusing to pick one of the AM stereo systems . . . leaving the broadcasters and manufacturers without a standard system. What's more, the FCC screwed up by allowing too many AM stations to take to the air, increasing interference and creating conditions not allowing larger effective bandwidths in receivers. . .

"My pick of the two or three best FM stations in this area are KDHX 88.1, listener supported, great variety of jazz, folk, Irish jigs and reels, bluegrass, etc. KATZ 100.3 (ex-WZEN) with a lot of good black music, some old '70s disco at times as well as recent dance-rock and rap! Two years ago I was in Minneapolis, very fine city, except I found its airwaves lacking funky black-style dance rock! KLTH 97.1 'Breeze 97' with very modern jazz and 'new age' music. All three have better than average fidelity, too, but alas, the latter two are the ones 30 km from my home, or more."

Robert Grant can't make up his mind on FMX until he can hear an FMX receiver. He asks why is FMX necessary? "The receiver industry should make radios less susceptible to overload and with better selectivity. Every case of FM stereo hiss I have heard has been due to other stations interfering or overloading, for which FMX offers no relief. If the type of FM signal that could be helped by FMX exists, it probably exists only in a small valley between Ely and Winnemucca NV. When I hear 'picket fencing' on my FM car stereo, there is usually another station to be heard 'between the pickets'. While driving through the hills of KY on our honeymoon, I heard a song I liked on 96.7A, coming in with perfect noise-free \$, but 30 seconds later, another 96.7 changed the tune (again, perfect \$). Seconds later, a small turn in the road, a third noise-free \$ 96.7. I then switched to an AM graveyard, and heard three whole songs without interruption. In lo-fi mono (on my car radio) wishing we had MFM.

"About 'AM-ization': dare I say that FM is far more 'AM-ized' than AM is? Case and point above. Dare I say further that one of FM's competitive advantages is just that? That an FM station is fairly clear until you reach its 'interference fence' whereas on AM, signals too weak to be enjoyed are needlessly protected from interference? I think the belief that the death of any AM station will release the signal of another AM behind it is a dangerous error. Do you know how many AMs would need to die to eliminate all interference between AM? ALL, but less than 40 left on! (One station in the Americas every 30 kHz.)" On that trip, he took a quick FM bandscan on Clingman's Dome, NC-TN, and heard 78 FMs at one time, "many from the Atlanta area in perfect \$ . . . Demise of 'b' format: The format is far from dead in

## FCC—FM

some areas, with WJOI 97.1 still very high in ratings and the format may have been overrepresented in the past. The beautiful music format was a natural for FM in the '50s and '60s, because it stressed music and had low costs. Beautiful music/easy listening is a victim of the demise of AM. In the past, many AM-FM pairs had top 40 on AM, easy listening on FM. When top 40 made its great resurgence in 1983, some such pairs 'flip flopped', continuing to offer b, but on AM. Listeners and advertisers were unwilling to deal with the problems of lo fi mono receivers and innate anti-AM bias, and most of these AMs are either religion or simulcast FM top 40. . . Sorry I haven't written for so long, but we have been very busy with jobs, wedding and the move. Seventy three to you, Carol and the three Ks from Vickie and I."

"Thanks for all the fine cover material for the VUD," writes Bill Thompson. DXers might be helped by the FCC A/B switch requirement which takes place Nov. 1. Cable companies must now notify customers that not all stations may be heard or seen on cable, and instruct them in the use of a switch to make antenna use (once again) possible. Maybe Bob Seybold can again realize a booming business installing antennas!

Even beating out Atlanta—a media combination in Albany NY has resulted in joint FM-FM ownership, promotion and programming. Stations are WSHZ 98.3 Rotterdam and WSHZ 103.5 Cobleskill, doing it as "Sho 98 and 103."

Roger Winsor's confirmed it—WGIC 102.3 New Carlisle is on the air in stereo, and with k. It first came on with a monophonic signal and a computerized numbers count-down. Now to Wendell Ford. He takes his FM Atlas and types it onto larger pages and puts them into a binding. He's up to 96.5, and has 2,607 stations typed so far. Not to be pitted for all that work, Wendell enjoys doing it. "Keeps me busy, and out of mischief!" He's keeping track of mistakes in the new Atlas and will send a list. I must have mailed my "control copy" in which I write in new stations, FM mistakes, to a customer. If you got that by mistake, let me know, and I will pay for return mailing of it and replacing with an unmarked copy.

Roger Gravelle is getting Kitchener 96.7 loud and clear now that they have 100 kw—just as strong as 105.3. He says 94.7 London still 50 watts, but now in stereo! Success stories on AM include new CKTY 1110 Sarnia, and CHAM 820 Hamilton, "both country formats."

Former WTFDA publisher Ferdinand S. Dombrowski, Milwaukee, sent a clipping about WFMR 98.3 Menomonie Falls WI hoping to remove an injustice in WHAD \*90.7 Delafield competing in the classical format. WFMR is the only commercial c station in WI, and wants WHAD stopped from engaging in the format at nights and weekends. If it doesn't drop c, it wants WHAD confined to WI artists and performers. WFMR is hoping to get 6 kw, when and if all Class As are given higher powers, and then would disperse with its translator on 104.9, serving the east side of Milwaukee.

Danny Buntin sent some stuff through Fred Laun. Fred heard WYND 99.3 Spotsylvania before it went off the air, and I wonder if it has or had stereo. Paul Gaines sent a story about a lady at WBNZ 99.3 Frankfort MI being abducted. It was in last month's rMedia! and may be repeated near the end of this column, space permitting. He heard about a station in Pittsburg KS where workers came in contact with hi-power lines. One was killed, but one they just managed to save in time. "Might be a new FM station?" he muses. "Anything to help your column!" The picture essay also sent by Paul.

Radio orthopedist Bill Nienajady recalled seeing an FM Atlas in a store around 1976 or 1977, and that must have been when I was in the NY City area and left some off in person. I don't want to fill this column with Atlas praisings, but will use this: "The Atlas is thee [sic]

## FM-FM Duplications in Albany, Atlanta

August, 1989  
'Bible' of all FM DXers, and it's the only source I'm aware of. And your 'circle' showing insert locations on maps is a good idea. Hopefully, the other DXers would finally stop 'bitching' about crowded maps! But looking at southern NY state and N. E. Pennsylvania, what station crowding! Heh, pretty soon, we'll all be DXing

## THAT VOICE/THIS FACE



This week's face behind the mike belongs to Dick Wallace, midday weekday host at WQRS-FM (105.1). His "friends" at the station note that Dick hits the Big 4-Ought one week from today. Happy Birthday — early — Dick.

soft rock a/k/a lame, stale, lifeless, boring, etc. Crap! I was fortunate to grow up listening before FM radio got 'homogenized'. Recently I listened to an aircheck of WOR-FM 98.7 NY City, 1971 circa. Now that was radio! What variety. What excellence! There simply isn't anything on FM except a handful of stations worth listening to! I just hope some day things turn around 'programming-wise', or will AM and FM reverse itself with maybe some day on the horizon AM might be the 'inventive' medium? Again, new FM Atlas, no complaints from me! C'mon! More pages for rMedia!" He heard a "Max 94" on 94.3 with top 40 and needs help from DXers in 1Ding this skip, most likely from AR, NE, MO or OK.

"I enjoy reading your column in the VHF-UHF digest," writes William Wylie, who came back from Prudence Island, near Bristol RI, where he heard such stereo stations as WQRI 88.3 and WPHN 107.1. His reception of WBOQ 104.9 Gloucester MA has improved lately. "I never picked it up before when it had the other call letters."

John Marx sent a list of Dominican Republic FM stations through Cesar and Franklin Ohio. John is always looking for cassette tapes of Caribbean radio stations. If you have such, you might want to contact him at PO Box 971, Madison WI 53701. The list includes about 150 stations, powers from 250 watts to 55 kw (HILK 88.6, la Brava, Santa Domingo). A total of 39 broadcast in stereo. All the other stations seem to be on odd frequencies, so the 88.6 for HILK may be an error.

Ralph Strobel caught WUWM \*89.7 Milwaukee broadcasting jazz in mono late one night, which makes me wonder if they have discontinued stereo. He's gotten much meteor scatter DX lately, plus being able to tune in new nearby stations. Bill Hendrick would like to see



### FCC-FM

sounding little radio station. Much better than you would expect to find in a town of 1800."

**FL Micanopy** WGGG-FM 97.7 no longer with Gainesville

**GA Athens** WALT 104.7 with Atlanta, facilities change to 313 m, and service area to include Atlanta was to have taken place during June; station to be the FM sister to WCNN 680 AM North Atlanta GA.

**IL Petersburg** WLJZ 97.7 with Springfield  
**NJ** Wdwood WZXL 100.7 with Atlantic City  
**NC Burlington** WPCM 101.1 with Graham-Greensboro (not with Winston-Salem-Greensboro)  
**PA Wilkes-Barre** WCLH \*90.7 with Scranton  
**SC Georgetown** WSYN 106.5 with Myrtle Beach. "Sunny 106.5."

**VA Culpeper** WCUL 103.1 with Orange-Madison, still C-103, k, \$.

**AM Happenings Most Likely Caused by FM (selected)**

**IL Vernon Hills** (north Chicago suburb) WNVF 1030 500-watts day leases its facilities from 9 a. m. to sunset from now until Labor Day to Six Flags, Great American Amusement Park, wherever that is. Info will include date on nds, parking, special shows and attractions. Sounds like KAZXXE 107.9 Columbia IL (see last month), and use for an otherwise failing AM station. Watch for other AM (and maybe some FM) stations to become beacons.  
**MI Inkster** (Detroit) WCHB AM 1440 files with FCC claim to the 1200 spot and calls change to WBTI. "WCHB would be closed or sold."  
Speculation on that WBTI could become the "traditional jazz station" in view of WJZZ 105.9 becoming more contemporary jazz.  
**NC Four AM** stations now simulcasting the 6:30 p. m. daily newcasts of WPTF-TV (NBC). Stations are WLLN Lillington, WCBO Oxford, WBZB Selma and WXKL Sanford.  
"Except for the exposure that the TV station gets, the AMers get all the benefits... Receivers and antennas were installed at the TV station's expense."

**OR** Dall as KWIP 880, serving much of Port and "has gone off the air, apparently due to financial problems. KWIP's telephone is disconnected, and there is no word on plans to revive the station."  
**OR** Portland and KGW AM 620 delays its "soon" switch to talk until late August. "KGW is far from the first big AM station to decide that the future is not music programming, but some sort of information programming. The nation's AM programmers have been uneasy for years, as the music audience moved to FM and, in the last decade particularly, FM stations have become the leading stations in major cities."  
**VA Richmond** and WLEE 1320 silent  
**WI Park Falls**. Heard over WNBI-FM 98.3 at 8 a. m. on a weekday: "I'm close by trying to get you on 980 AM, we're off the air because they're painting our tower, and we don't want to get the painters fried."

**FM Translator-Satellite to Abuse Applicants** (see these in FMedial)

Noncommercial broadcasters in NM and CO are taking to task recent approval of pact that would somewhat limit until 1992 satellite-based translators in the 88-92 part of the FM band reserved for education. Agreement was by NPR, NFCC, Interstate Broadcasting System and two religious groups: Family Stations, Inc. and Moody Bible Institute (WMBI-FM \*90.1 Chicago).

KUER \*90.1 Salt Lake City, which has 19 translators on the air, feels the pact does a disservice to stations which may not have the funds to start translators now, but may have 10 years from now. Yet, the pressure for them to build will be intense, because once 1992 rolls

### AM Stations Clone TV News

around, the floodgates are expected to really be open. Meanwhile, staff members are drafting a report for consideration by the whole FCC, which may or may not agree with concerns expressed by KUER as well as the New Mexico Commission on Public Broadcasting and the Rocky Mountain Corporation for Public Broadcasting. The National Association of Broadcasters earlier expressed opposition to the agreement.  
Public stations were urged to move quickly to establish translators before 1992, "or never be able to do it again after that."  
My own translator grant has been given a new lease on life, W280CT 103.9 Hamantown MN's CP was extended, with the FCC finding that "equipment is on order or on hand, site acquired, site cleared and construction proceeding toward completion." This despite the FCC's freeze on new commercial FM translators or major changes in existing translators. I just sent a check for \$1050 for a 10-watt translator, in excellent condition, 4 1/2 years old.

### FM Rulemakings Proposed

First date below is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed before the dates.

Selected only; more are in FMedial  
**AR** DeWitt 97.3A for 96.7A, KDEW-FM, with Dyersburg TN  
**FL** Miramar Beach 106.3A, Aug. 3, 18  
**IL** Sandport 103.5A from 95.3A, KPND, with Medical Lake WA  
**IL** Drakesboro 106.9A, counterproposal  
**MO** Cuba 107.3A for 102.1A, with Northwey MO Northwey (Rolla) 102.1A, Aug. 7, 22  
**TN** Dyersburg 100.1C2 for A, WASL, Aug. 3, 18  
**TX** Marlin 92.9C2 for 92.9A, KRXX, Aug. 3, 18  
**WA** Grand Coulee 98.5C for C2, KEYG-FM, Aug. 4, 21  
**WA** Medical Lake 95.3C2 from A, KAAR, / WI Lake Geneva 96.1A, Aug. 4, 21  
**WI** Whitewater 106.5A, Aug. 3, 18

### FM Rulemakings Finalized (selected)

Dates are when FCC filing windows are open  
**ID** Wallace 100.7C, until July 13  
**IA** Iowa City 94.1C2 from 93.9C1, KRNA  
**IA** Mason City 93.9C1 for 93.5A, KNIO  
**MS** Woodville 95.9A, until July 13  
**MT** Bozeman \*102.1 (noncommercial)  
**WA** Goldendale 102.3A, June 9-July 13

### Major Changes Affect Public FM In Various Cities

Bouncing back from budget cuts in CA, a group of public FM stations there has formed Calnet, a news network centered in Sacramento. Stations spinning the web are KPCC Pasadena, KCHO Chico, KQED-FM and KALW San Francisco, KPVR Fresno, KPRX Bakersfield, KPFR Sacramento, KCXN San Luis Obispo and KVCR San Bernardino. Most outlets air a half-hour newscast at 4:30 p. m. weekdays. Tab for the program picked up by a "hefty" \$1,250,000 grant from El Paso Natural Gas, via the Burlington Northern Foundation and the James Irving Foundation. The grant covers 2 1/2 years.

Not exactly a move to help DXers, but like their commercial brethren a couple months ago, a group of college radio stations was to have gone silent for one minute at 3:20 p. m. local time July 4 "as a show of solidarity with students who recently demonstrated in Peking's Tiananmen Square." Move is spearheaded by the Intercollegiate Broadcasting System and KWCR FM, Weber College, Ogden UT. Trouble is, most student radio stations are off the air that day anyway.  
Resorting to something new in public

radio, a so-called "quiet" fundraising campaign was successfully waged by WFCR \*88.5 Amherst MA. It raised \$56,000, surpassing its \$50,000 goal. Instead of disrupting programming, the station used taped 30- and 60-second pitches as often as 18 times a day. Trouble was, it took 23 days of quiet campaigning to raise the dough.

KVMM \*89.5 Nevada City CA, probably the only one in the U. S. to be owned by a museum, won't be much longer. It's being corralled into the so-called Nevada City Community Broadcast Group, with application before the FCC. Station has a \$300,000 annual budget with three full-time workers (each getting \$100,000?), and independent of the museum. Having a somewhat larger budget is WUFT-FM \*89.1 Gainesville FL, claiming to have an 18 percent share of audience—its highest ever, according to Arbitron. Its format is classical, jazz and news, with a budget of \$1 million. A new \$3.1 million facility is being built, which will also house WUFT (TV) and commercial station WRUF-FM 103.7 and AM.

Losing some of its budget is WJHU \*88.1 Baltimore MD. Licensee Johns Hopkins U. cut \$300,000 from its \$1.8 million budget, with some produced programs, such as a Sunday night jazz series, cut. Two news reporters and four part-timers in programming were also let go. However, plans are going ahead for a state-wide network of nine public FM stations. The WJHU license would be transferred to the state Public Broadcasting Commission.

Hidden from public view, but important nonetheless, is IRIS, the Iowa Radio-Reading and Information Service for the blind and print handicapped. It was to have started July 17 on the 92 kHz of WOI-FM \*90.1 Ames. New studios are at the House of Mercy, 1409 Clark St., Des Moines 50314. Part of the programming will be live and the rest from satellite, most likely from In-Touch in New York. "We anticipate good reception over the wide of the listening area of WOI-FM, and later on as more funds are available we expect to expand to other parts of the state until eventually we are a statewide service!" One WTFDA member is all set with the 92 kHz radio to hear this new service.

Other important residents of the 88-92 part of the dial broadcast Christianity, and (with the exception of national satellite-delivered formats that clone both main stations, and soon translators) are not "hucksters," but stations offering their own form of instruction, entertainment and uplift. An example is WRAF \*90.9 Toccoa Falls GA, which programs midnight to 6 a. m. with Frank Nagle, the

## WRAF 90.9

### TOCCOA FALLS, GEORGIA 30598

Night Watchman. Station is on the historic campus of Toccoa Falls College, named after a waterfall on its property, which is higher than Niagara, and a tourist site in its own right. One-third of the campus was washed out in a 1977 flood, and 39 lives lost. That dam which broke upstream from the falls will not be rebuilt, so there is no danger of such an occurrence in the

August, 1989

### FCC-FM

future. WRAF's final goal from their 1989 Shareathon was \$149,702, short of the \$200,000 which had been planned. Station does get some of its programs from Moody. My DX report to this station elicited an avalanche of material, almost like a waterfall of paper. It included two books, a OSL, vehicle sticker, etc. One book, "Dam Break in Georgia," had a powerful testimony to the Christian faith of the people on campus who had lost loved ones, but espoused a peculiar theology that the dead relatives are in Heaven. As I understand the Bible, the dead are in the graves awaiting the resurrection, at the Second Coming. Besides, nobody knows for sure if another person is "saved" and is destined for the "right place." This is a matter between that person and the Lord. A one-time "born again" experience does not insure salvation for all time. Too many churches preach "once saved, always saved."

Internationally, the Far East Broadcasting Company, based in Manila, has been granted permission to install its first FM station in South Korea, in the city of Taegon. From its site in the mountains, it has the potential to save three million souls simultaneously (even more consecutively!).

Not all Christians are responsible broadcasters, unless you say pirates are "law abiding." The FCC recently shut down a "WGEC" 105.5 FM and AM, which were set up by Bishop Willie Hardy of the Stamford (CT) greater Emmanuel Church. "The unlicensed broadcasts stations were transmitting religious programming." No fine in this case was indicated, but the FCC points out that the fine could be as high as \$100,000 and/or one year in prison.

### CRTC To Review FM Policies; Hears Applications For Ottawa FMs

The Canadian Radio-Television and Telecommunications Commission plans this fall to review its FM radio policies, and have new rules in place by the end of 1990. A public hearing will be held in the summer of 1990, "in order to streamline the many regulations governing how FM stations operate." Current applications for new FM stations and facilities changes will be processed, but there will be a freeze on new applications until the review is completed, so reports *Broadcast Technology* magazine. The CRTC has just held hearings on new FM stations for Ottawa. Four applicants are competing for 99.1, Ottawa University wants to replace its carrier-current AM with an FM on \*89.1 (18 kw). "The CBC plans to replace both of its Ottawa AM stations—CBO would move to 91.5 (84 kw), replacing 920 AM," while CBOF AM would migrate from 1250 AM to 90.7 FM with 84 kw.

### Other Small Print Happenings and FM Industry News

Trying to infuse vitality into a dying AM system, the National Association of Broadcasters is seeking such things as exploring with manufacturers continuous-tuning AM-FM receivers, and a law to require all stereo receivers to include AM stereo. The latter is part of a bill introduced by Rep. Matt Rinaldi (R-N.J.), H. R. 2714, which would also require all radios sold

### CBO, CBOF to Bite The Dust

after Jan. 1, 1992 include both AM and FM tuning capability. Such a law, which I proposed in the late '60s, could actually help FM, and eliminate the millions of novel ty radios still being made that lack FM tunability. The NAB was recently handed a setback by the FCC, which denied the organization's request for a stay in the effectiveness of new rules allowing short-spaced FM stations using directional antennas.

In perhaps the first court-approved sanction of a service mark, positioning statement, or "nonID," U. S. District Court Judge Irving Hill affirmed the use of "K-Lite" for KEDG 101.9 Glendale CA. This was after KEDG bought the right to the mark from KIOQ 100.3 (now KQLZ), and came over the protest of AM station KGL, which claims to have used the slogan longer. KQLZ, incidentally, broadcast a promotion to get tee-shirts, etc. from Santa Catalina Island, with an address there given over the air. This prompted one reader to wonder if their transmitter had moved there. I am assured that neither the transmitter nor the studio has moved; KQLZ just arranged to have mail addressed to that island sent to its studios.

Inappropriate market for promotion? A bus on Chicago's CTA Lincoln Avenue route was recently seen carrying a big ad card for KODJ 93.1 FM. "You may not have heard of it, because it's in Los Angeles—but the bus card isn't a mistake. Program director Kurt Kelly (formerly of Q-101) says that enough Chicagoans travel to L. A. to make the advertising worthwhile."

### Commercial station WFMT 98.7 Chicago has recently run a fund-raiser to help it



eliminate a budget deficit. It is also reducing staff by 25 percent "through attrition and layoffs," and will utilize its own Beethoven Satellite Network for overnights. "All this comes at a time when its fine arts competitor WNIB [97.1] is ahead for the first time in the ratings." In the upheaval, Alfred Antiz, WFMT's director of engineering since 1962, emerges as the new vice president and chief operating officer. Stepping down as president and general manager is Ray Nordstrand, whose fate is uncertain. "We are still having discussions with Ray, trying to define his future," Antiz said. "He will certainly be involved in some way." Norm Pallegini stays on as program director. "There is some very hushed talk about the possibility of an employee buyout," but the friends of WFMT, which reformed in 1985 during an earlier management crisis, and was active when WFMT was to have been sold to WGN AM, may again raise its unpredictable head. When WGN would have been the buyer of WFMT, the group prevailed, and WGN agreed to give WFMT to the Chicago Educational Television Association in 1970. Said Antiz tersely, "There is no plan to sell WFMT."

A settlement agreement has been reached for St. Simons Island GA 92.7A. James U. Steele will dismiss his application on with prejudice and withdraw his court appeal, thereby allowing the Commission's 1984 decision granting the facility to Dale Bell to become final. To sweeten his leaving, Steele will receive \$300,000.

In a similar buy-out, this by a "white knight," WHCI 100.9 FM in Amherst MA may soon be on the air. The Davis-Stebbins Broadcast Group of Annapolis MD plans to take over WTTT AM there, and to buy out the CP holder 100.9, Edward F. Perry, Jr., and Robert Morley, doing business as Hampshire County Broadcasting. Thomas G. Davis of Davis-Stebbins says his firm

has contracts signed to purchase the rights of both parties. This has to be one of the nation's oldest FM construction permits, being granted in 1972, but held up by legal challenges from Amherst Broadcasting. Davis has announced no plans for the FM's programming, noting that the Class A has "several options" which are being explored.

FCC radio count: 4953 AM stations licensed, 5,593 FM (both commercial and educational) and 1728 FM translators.

Robert Umhacht announces that the 1989 M Street Radio Directory is expected back from the printer "any day now. With over 600 pages of station information it will be a valuable reference. If you have not already ordered your directory give us a call and we will see that you get copy." For ordering and pricing information call (703) 684-3622, or write the M Street Journal, P. O. Box 3568, Alexandria VA 22302.

Another directory you can order is "Highway Radio: A Guide to Tuning in on America's Highways," a book listing 9000 AM and FM stations by city and format, and the book has state maps. It can be ordered at \$4.95 plus \$2.50 for postage and handling from ArcTekt Publishing, Suite 177, 1231 Airport Road, Allentown PA 18103. This is apparently different from the two other publications mentioned on p. 8, col. 1. May FMedial and, of course, different from Henry Studebaker's "Traveler's Country Music Radio Atlas." I got my copy, and was pleased to see a full-page ad with picture of the FM Atlas inside, saying they recommend it. "We found it very helpful for updating the Traveler's Country Music Radio Atlas, 192 pages with 91 pages of maps, \$8.95 plus \$1.05 postage per copy. Send your order to FM Atlas, P. O. Box 336, Esko MN 55733-0336." Henry's guide is 79 pages, well-organized, with maps and listings by AM-FM full power and low power at \$3.95 plus \$1 shipping for one book (write for other discounts) from Hanel Publishing Co., P. O. Box 369, Port Huemeine CA 93041-0369.

Thanks, too, to Glenn Hauser, for his fine mention of the FM Atlas as his "World of Radio," heard on WRNO Shortwave News. That program can be heard all times EDT Thursdays at 1900 on 13720, Fridays at 2300 on 6185, Saturdays 1930 on 13720, and Sundays 1630 on 15420. It's also on WHUS \*91.7 Storm CT; check with the station for times and dates.

From the classifieds: Wants to buy FM antenna, 8 bay tuned to 105.7, tower 91 meters, to hold the antenna. T. Callahan, Interstate Tower Services, 6913 Bermuda, Boise ID 83709. Wants to buy six-bay FM antenna for 1201 B. Burdagaard, KLCX (still on 95.3), POB 300, Brevort Point MN 66472.  
New FM station, class A, at Lake Tahoe needs everything—consoles, cart machines, Optidom, remote control, STL and transmitter. Kidd Communications, 4096 Bridge St., Ste. 4, Fair Oaks CA 95626.  
Wants to buy 1.5 kw FM transmitter for NCE station, will pick up with or without exciter. D. Van Zandt, Cornerstone Radio, 2595 State Road 44, New Smyrna Beach FL 32069.

For sale cheap, FM station in Montana ski resort area, Class A, can upgrade to C1, joint venture, \$10,000 minimum, \$50,000 full price. M. Gottesman, POB 761, Laramie WY 82070.  
For sale: 10-watt Tecumseh FM translator, 4 1/2 years old. In excellent condition. Asking \$1200. Call Doyle at (206) 532-7470. [This is the translator which I wound up buying.]  
Morning edition producer/ host WFAE FM 1, University Place, Charlotte NC 28213, salary \$18,000-\$20,000. Check to see if the job is still open, as preference was for people applying by June 16. The noteworthy thing is the WFAE, in the heart of tobacco country, is a nonsmoking workplace, for which I commend them.

[Continues next page]



**Say Yes to Fulltime Broadcasting**

An editorial rebuttal by Greg Buickel, program director, C-103, WCUL-FM Culpeper VA

Your comments in the June FMedia about FM stations signing off at night have got to be the dumbest I have heard in a long time. We sign off at midnight and I wish that we didn't. Our listeners listen to C-103 because they like their local station. Even in large markets, if people wanted to listen to country one night and rock the next and classical the next they would do it now. If you will recall, local stations used to sign off at sunset. It was called AM!

If people wanted to listen to out-of-town stations, I think they would have said something by now! They haven't here. They like their local home-town station all the time. And there are more than just a few night owls that listen at night. When I worked overnights at WKDQ-FM in Evansville IN (Henderson KY) I had at least two factories with over 500 workers listening every night, all night, seven days a week. Wake up. This is 1989, not 1949. People stay up past sunset!

I really do enjoy your publication, but you "engineer types" just crack me up with your high and lofty notions. Radio is a business. We make money by entertaining locally—not by shutting down and shunning our faithful listeners. Maybe you've gotten too much RF over the years. Keep up the good (?) work and thanks for letting me blow off some steam. I normally agree with you.

*[Thanks writing. I don't expect readers to agree with my editorials, but if I stimulate thought, then a good purpose is served. I am not an "engineer type," nor probably any other "type," just kind of a free spirit. I have spent more time in the business in sales than any other aspect, and it is only fairly recently that I have become interested in FM-SCA, and forced myself to become technically proficient to the point where I can do some designing of SCA circuits and installing them in radios; this I do mainly as a service to people who have my publications and want to know how to tune in those mysterious subcarriers. I have also taught courses such as broadcast/audiotape production, announcing, management and programming, as well as a five-day stop smoking program.]*

**FM FORUM—COMMENTS FROM READERS—MUCH OF THIS REWRITTEN FOR VUDIGESTERS!**

An item sent by Detroit's Paul L. Gaines is about an employee of WBNZ 99.3 Frankfort MI, the apparent victim of domestic abuse. Phyllis Bartkowski, 35, program director, was alarmed when her husband called and threatened her. She then locked the station, but hubby came armed with crowbar and handgun and proceeded to break in. Well, a co-worker managed to get on the air without the husband seeing the "on air" studio light, and an appeal for help was broadcast. The sheriff was duly notified, only to arrive after the husband had driven off with the wife—but deputies recognized the car that had driven away, gave chase and apprehended errant husband, 36-year-old Edward, an auto mechanic, who's facing two counts of felonious assault and using a firearm during a felony.

The FCC has made official the move of WYCE '88.1 Wyoming MI from the school district to the Grand Rapids Cable Access Center. Newly created is the Friends of WYCE, a division of GRCAAC, which operates a G.R. public access channel. The station's programming of folk, blues, jazz and new age music is expected to be unaffected. Funding for the two will be separate, and "one of the biggest risks will be the continuing financial support of YCE. We're willing to lend support, but we have to protect our funding base from the cable-related revenue for GRTV. Therefore, we can't realistically subsidize YCE to any large extent," said GRTV's Dirk Koning.

A long-time FM Atlas and FCC-FM column reader, Nick Lombardi of Atlanta GA, has some comments on the 12th

edition, recently published. Besides the printer shrinking everything down too much, he says "the circular map diagrams are a welcome step in the right direction in helping to clarify the more complicated maps, but I think the letter codes on the maps should be larger than they are in the circular inserts, for ease in making sense of everything. (Sometimes it's hard to find them on the main maps, leading to questions such as, 'Where is part B?') ... It was a real pleasure to receive your Twelfth Edition. As always, the overall quality of your work is at the highest level, and all of us out here appreciate the many, many hours of time you put into this." He also sent a clipping from the June issue of Stereophile, mentioning the now sold-out 11th edition of the "FM Atlas."

One of my reporters recently came back from a trip to Hawaii and Australia. "My curiosity was about car reception and whether or not the Honolulu stations could cover the island. There were many areas of bad multipath, and, at the north end, the Honolulu stations were essentially useless in a car. The road there is blocked from the transmitters by mountain peaks, so reception problems are understandable. That was true of either the 'mountain-toppers' or of the stations located on tall buildings in the city. I can't truthfully say that one was any better than the other. Also, I heard more than one FM from other islands that were around 160 km away. Range in Hawaii can be quite good, but there aren't a huge number of stations."

In Australia [driving around Melbourne], I observed virtually no multipath [from the eight stations there, all of which seemed to have stereo]. [One rather interesting station,] 3PBS 106.7 describes their programming as 'Specialist Music' and includes: reggae, comedy, grunge, punk, rock, roll and rhythm, contemporary rock, jazz, blues, globetrotting, independent, overseas and Australian rock, metal/trash, contemporary rock, insomnia, funk/soul, cajun, gospel." Also heard in Sydney, using a rental car [GM-Holdens Commodore Executive], were 18 stations, most of them in stereo. "2CBA is definitely on 103.2. It seems to be the only such station in Australia. . . and requires that electronically tuned radios there cover 100 kHz steps. . . I spent two weeks in the Alice Springs area in central Australia, where my wife's pen pal, her husband and family live. Broadcasting there is limited. Alice has two AMs and two low power FM's. Otherwise, both AM and FM bands are totally vacant! At night, you can hear many stations by skywave on AM. We also visited (and climbed) Ayres Rock. The nearby tourist town of Yulara has two FM translators, no AM. Coverage is limited to the local area."

Canada's Magnum Dynalab claims to have a tuner ready for FMX, and would offer a retrofit for recent tuners purchased that lacked FMX. Dynalab notes that comparatively few FM stations are making use of FMX, and perceives little interest to date by its customers for the feature. The firm is now offering the "Etude," a high priced version of the FT-101 tuner—something which the NAB would probably frown upon, because not only does it not offer AM stereo, it doesn't even have an AM band! The "Etude" offers high end audio treatment and enhanced FM station selectivity. "Selectivity has been increased through the same rigorous process of selection, fit and fine tuning that one might apply to rebuilding a high performance engine. Each part is tested and catalogued. It is then matched to the individual characteristic of each tuner circuit. When a match that is close to perfect as possible has been found, the component is installed in that tuner board and in that tuner board only. By following this time-consuming process we have been able to provide in the 'Etude' a consistent adjacent channel selectivity of better than 30 dB, with an effectively flat audio bandpass of 10 Hz through 17.5 kHz." For more information you can call 1-800-448-8490 in the U.S.; in Canada, it's 1-416-791-5888. You will also see the "Etude" in my new radios and electronics catalog. Whether the selectivity improvement is significant enough for DXers to consider remains to be seen. I have not tested the "Etude," but look forward to doing so.

"Bruce, how about a dial history of Cincinnati?" asks Bob Hawkins at WENS Indianapolis. "I think they had something on 104.3 about 25 years ago, but not now." I doubt it; WPAY-FM Portsmouth has been on since 1946 on 104.1. There was, according to my 1949 reference, a WLWA on 101.1, a WCTS on 101.9, which I think had transit radio; WSAI-FM 102.7; and the Scripps-Howard station, WCPO-FM 105.1.

73ily, *[Signature]*

# Television news

Bill Fabber, editor  
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**ABBREVIATIONS USED IN THIS COLUMN:**

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

**APPLICATIONS FOR NEW TELEVISION STATIONS**

| ST                                      | CH | ERP  | AATm | CITY/APPLICANT  |
|---|----|------|------|---|
| CT                                      | 18 | 3273 | 300  | Hartford; Edmund Spencer Cromartie                                |
| CT                                      | 18 | 3273 | 300  | Hartford; Lynette Ellertson                                       |
| CT                                      | 18 | 3273 | 300  | Hartford; Sage Broadcasting Corp.                                 |
| CT                                      | 18 | 3273 | 300  | Hartford; Gloria W. Stanford                                      |
| (The above are in contest with WHCT-TV) |    |      |      |   |
| CT                                      | 61 | 3069 | 297  | Hartford; IST Broadcasting (in contest with WTIC)                 |
| IL                                      | 48 | 11.3 | 142  | Sparta; Rita Wyse   |
| MN                                      | 38 | 2530 | 259  | Walker; KSAX-TV Inc.  |
| NJ                                      | 68 | 2667 | 436  | Newark; Arthur Liu  |
| NY                                      | 7  | 316  | 383  | Carthage; Moreland Broadcast Associates (in contest with WNNY-TV) |
| NY                                      | 11 | 58   | 507  | New York; Challengers of New Jersey (in contest with WPIX)        |
| TN                                      | 26 | 5000 | 370  | Knoxville; SWHM/Knoxville Corp.                                   |

**CONSTRUCTION PERMITS GRANTED**

| ST | CH | ERP  | AATm | CITY/APPLICANT  |
|----|----|------|------|---|
| AZ | 9  | 1    | 566  | Flagstaff; G&D Communications Inc.  |
| CA | 54 | 5000 | 500  | Avalon; Es Possible Minority Media Telecommunications (initial decision)  |
| CA | 51 | 15.8 | 82   | Merced; Wade Axell  |
| CO | 50 | 5000 | 293  | Denver; Lomas de Oro Broadcasting Corp.   |
| FL | 66 | 1158 | 477  | Bradenton; Bradenton Broadcast Television Co. Ltd. (initial dec'n)  |
| FL | 64 | 3236 | 305  | Inverness; Meredith Corp. Granted in 1986, rescinded in 1987, regranted in 1988, and again in 1989. What gives? |
| MI | 19 | 1000 | 317  | Marquette; Upper Peninsula Telecasting Corp.  |
| MT | 23 | 3676 | 641  | Missoula; Continental Television Network  |

|    |    |      |     |  |
|----|----|------|-----|--|
| NJ | 63 | 5000 | 343 | Newton; Mountain Broadcasting Corp. (FCC Decision)                   |
| NC | 64 | 2588 | 412 | Kannapolis; Community Action Communications Inc.                     |
| NC | 23 | 1500 | 338 | Morganton; Thomas Edward Long (now GNOL Broadcasting Inc.)           |
| OH | 40 | 2400 | 224 | Toledo; Dominion Broadcasting Inc. (FCC decision)                    |
| OK | 45 | 5000 | 131 | Lawton; Barton W. Ratliff  |
| TX | 68 | 5000 | 526 | Arlington; Channel 68 North Texas Television Ltd. (initial decision) |
| TX | 60 | 2272 | 315 | San Antonio; Nueva Vista Productions Inc.                            |

**APPLICATIONS DISMISSED**

|    |  |
|----|--|
| AZ | Flagstaff; ch. 9; Carl M. Fisher; Grand Coconino Broadcasting; Overview Communications Ltd.  |
| CA | Avalon; ch. 54; Avalon Broadcasting; Avalon Catalina Broadcasters Inc.; Catalina 54 Broadcasting Ltd.; Catalina Broadcasters; Christine E. Shaw; Coastal Broadcasting Partners; DHW Communications; Golden Shores Broadcasting; Island Broadcasting Ltd. Partnership (initial decision)                                |
| CO | Denver; ch. 50; Amador Broadcasting Ltd.; Stanley Group Broadcasting Inc.  |
| FL | Bradenton; ch. 66; Florida Manatee TV Broadcast Associates; Gulf Coast Telecasters; Joyner Communications; Manatee Television Inc.; McDaniel Broadcasting Partners; Renee Marie Kramer; Skylight Broadcasting Inc. (initial decision)  |
| FL | Orlando; ch. 27; Orlando Television Partners.  |
| MI | Marquette; ch. 19; Marquette Television Associates.  |
| NV | Las Vegas; ch. 3; William H. Herstadt.   |
| NV | Las Vegas; ch. 15; Blackstar Communications Inc.   |
| NJ | Newton; ch. 63; Newton Broadcasting Company Ltd.; Newton Television Inc.; Newton Television Ltd.; Press Broadcasting Company; Vanguard Broadcasting. (FCC decision)  |
| NC | Kannapolis; ch. 64; Kannapolis Television Company.   |
| NC | Morganton; ch. 23; R.L. Bush Jr.   |
| OH | Toledo; ch. 40; New Life Evangelistic Center; Priscilla L. Schwier.  |
| TX | Arlington; ch. 68; Arlington 68 TV Inc.; Briscoe Broadcasting Ltd.; Charisa Broadcasting Corp.; Johnson Television Ltd.; Metroplex Communications Inc.; Native American Broadcasting Company; Sammy A. Thornton; Southwest Communications Ltd.; The Louray Corporation; United Broadcast Group Ltd. (initial decision) |
| TX | San Antonio; ch. 60; Amistad Communications of the Southwest; Pro 60 Communications Inc.; San Antonio Broadcasting Inc.; San Antonio Video Corporation; TV 60 Partnership; Vela Broadcasting Company.  |

**CONSTRUCTION PERMITS CANCELLED**

| ST | CH | CALLS   | CITY      |
|----|----|---------|-----------|
| AL | 50 | WVFF    | Opelika   |
| AL | 52 | WGEI    | Tuscumbia |
| AR | 43 | KCHM    | El Dorado |
| FL | 60 | WVFL-TV | Sebring   |

|            |                  |
|------------|------------------|
| HI 26 KHIU | Hilo             |
| MS 43 WBDS | Wiggins          |
| MT 18 KCTD | Butte            |
| MT 24 KRWL | Butte            |
| NJ 59 WLMR | Vineland         |
| OK 9 KGYM  | Guymon           |
| TX 64 KGCO | Mineola          |
| TX 14 KCKU | Tyler            |
| VI 17 WVG1 | Charlotte Amalie |
| VA 55 WTKC | Newport News     |

**APPLICATIONS TO MODIFY CONSTRUCTION PERMITS**

| ST | CH | ERP  | AATm | CALLS   | CITY                     |
|----|----|------|------|---------|--------------------------|
| FL | 63 | 3176 | 310  | WPPB-TV | Boca Raton               |
| FL | 9  | 316  | 149  | WIEB    | Islamorada               |
| FL | 67 | 1684 | 150  | WHBI    | Lake Worth               |
| GA | 21 | 2884 | 311  | WBSG-TV | Brunswick                |
| GA | 64 | 701  | 235  | WGNN    | Macon (know WFXQ?)       |
| KY | 16 | 2371 | 439  | WLCT    | Somerset (amended)       |
| MI | 33 | 61.5 | 288  | WGK1    | Cadillac                 |
| MI | 53 | 933  | 298  | WLAJ-TV | Lansing                  |
| NJ | 66 | 24   | 217  | WFME-TV | West Milford             |
| NY | 52 | 74.6 | 311  | WACA    | Ithaca (amended)         |
| OK | 62 | 200  | 480  | KMNZ    | Oklahoma City (amended)  |
| OK | 44 | 11.3 | 381  | KGLB-TV | Okmulgee                 |
| PR | 36 | 9.3  | 81   | WDWL    | Bayamon                  |
| TX | 49 | 4082 | 359  | KTFH    | Conroe                   |
| TX | 29 | 1.1  | 132  | KMPX    | Decatur (amended)        |
| TX | 55 | 2468 | 142  | KLDT    | Lake Dallas              |
| TX | 14 | 3236 | 273  | KLMO    | Llano                    |
| TX | 48 | 5010 | 160  | KNVO    | McAllen(amended;ex-KMHB) |
| TX | 60 | 1471 | 456  | K...    | San Antonio (KVDA-TV?)   |

**CONSTRUCTION PERMIT MODIFICATIONS GRANTED**

| ST | CH | ERP  | AATm | CALLS | CITY                    |
|----|----|------|------|-------|-------------------------|
| CA | 8  | 225  | 746  | KDKJ  | Fort Bragg              |
| CA | 29 | 5000 | 321  | KCMY  | Sacramento              |
| CA | 25 | 52.8 | 670  | KCAH  | Watsonville             |
| FL | 13 | 316  | 142  | WETV  | Key West                |
| KY | 16 | 2371 | 439  | WLCT  | Somerset                |
| NV | 33 | 1349 | 581  | KFBT  | Las Vegas               |
| PA | 53 | 6.4  | 338  | W...  | Williamsport            |
| TX | 55 | 2468 | 142  | KLDT  | Lake Dallas             |
| TX | 16 | 5000 | 143  | K...  | Lubbock (Lubbock TV 16) |
| VA | 41 | 251  | 310  | WHTJ  | Charlottesville         |
| VA | 43 | 1658 | 115  | WVBT  | Virginia Beach          |
| WA | 64 | 42.7 | 676  | KBCB  | Bellingham              |
| WY | 2  | 0.19 | 304  | KJVI  | Jackson                 |

**APPLICATIONS TO CHANGE EXISTING FACILITIES**

| ST | CH | ERP  | AATm | CALLS   | CITY               |
|----|----|------|------|---------|--------------------|
| FL | 26 | 2786 | 304  | WAYQ    | Daytona Beach (mp) |
| HI | 5  | 95.5 | 629  | KFVE    | Honolulu (cp)      |
| MD | 54 | 5000 | 350  | WNUV-TV | Baltimore (cp)     |
| MI | 64 | 2500 | 305  | WLLA    | Kalamazoo (cp)     |
| MO | 17 | 1600 | 348  | KMIZ    | Columbia (cp)      |
| MO | 9  | 316  | 357  | KMBC-TV | Kansas City (cp)   |
| NY | 26 | 461  | 182  | WTJA    | Jamestown (cp)     |
| NY | 25 | 2432 | 395  | WNYE-TV | New York (cp)      |
| NC | 58 | 5000 | 424  | WUNG-TV | Concord (cp)       |
| OH | 64 | 1148 | 287  | WIII    | Cincinnati (mp)    |
| PR | 6  | 59.4 | 825  | WIPR-TV | San Juan (mp)      |
| UT | 30 | 1537 | 1190 | KOOG-TV | Ogden (cp)         |
| WV | 3  | 42.7 | 84   | WSAZ-TV | Huntington (cp)    |

**CHANGES GRANTED STATIONS ON THE AIR**

DC Washington; WETA-TV, ch. 26; granted CP to change ERP from 2250 kw max/1618 kw hor (Television Factbook) or 2290 kw max/1660 kw hor (Broadcasting Yearbook) or 1620 kw (Larry Fuss' data base) to 2296 kw max (Nothing like consistency among costly business publications); antenna lowered 10 meters to 233m AAT/237m AG/310m ASL; same TL.

FL Pensacola; WHBR, ch. 33; granted MP to reduce ERP from 5000 kw max to 3500 kw max (but don't feel bad; original CP for change would have reduced it to 1191 kw); same TL and height.

FL St. Petersburg; WTOG, ch. 44; granted CP to reduce antenna height 20 meters to 454m AAT/451m AG/474m ASL; same TL and ERP.

HI Honolulu; KFVE, ch. 5; granted CP and subsequent license to raise ERP from 51.9 kw max to 95.5 kw max; same TL and AAT.

IL Peoria; WHOI, ch. 19; granted license to cover CP for changes: ERP reduced from 4470 kw max to 2240 kw max; 194m AAT/193m AG/400m ASL (approx. 7 meters lower); same TL.

IN Elkhart; WJSV, ch. 28; granted license to cover CP: ERP raised from 3020 kw max to 5000 kw max; 335m AAT/310m AG/575m ASL (4 meters higher). Decent increase in ERP, but this station was already powerful before the change.

IN South Bend; WNIT-TV, ch. 34; granted MP to raise ERP from 589 kw max/204 kw hor to 1384 kw max; 246m AAT/221m AG/485m ASL (61 meters higher); TL 16965 Johnson Road, Mishawaka, St. Joseph; coordinates 41°36'59"/86°11'43" (There are discrepancies as to its present TL, but assuming the data base from Larry Fuss to be the more correct, this is a move one mile northeast of the present TL).

KY Lexington; WKYT-TV, ch. 27; granted CP to reduce ERP from 2360 kw max/1382 kw hor to 1520 kw max; antenna to be lowered 11.4 meters to 300m AAT/291m AG/593m ASL; same TL.

KY Lexington; WLKT, ch. 62 (recently went on the air, but evidently already licensed, so the following CP is probably a proposed change, not as-built); granted CP to raise ERP from 2333 kw max to 5000 kw max; 313m AAT/289m AG/600m ASL; TL 0.6 mile west of Clintonville Road, 1.4 mile south of its intersection with State Hwy 57; coordinates 38°03'53"/84°16'56" (Az. 87°, or about due east, 6.31 miles from its original TL).

ME Calais; WMED-TV, ch. 13; WMED-TV and other Maine PBS stations were recently granted licenses for changes; granted CP to change ERP to 100 kw max (was 31.6 kw, but recent license change it to 211.24 kw max); 135m AAT/62m AG/211m ASL (increase of about 12 meters from recently licensed figures).

MD Hagerstown; WHAG-TV, ch. 25; granted license to cover CP for change: ERP raised from 676 kw max/436 kw hor to 1358 kw max; antenna height reduced 9 meters to 375m AAT/130m AG/568m ASL; same TL. The increase in ERP should make DX a little better.

MO Kansas City; KMBC-TV, ch. 9; granted CP to raise transmitter 19 meters to 357m AAT/311m

AG/612m ASL; same TL and ERP (316 kw max).

MO St. Joseph; KTAJ, ch. 16; granted license to cover CP: antenna raised 172 meters to 326m AAT/313m AG/613m ASL; same ERP (5000 kw max) and TL.

NC Wilmington; WUNJ-TV, ch. 39; granted MP (original CP was issued four years ago!) to raise ERP from 661 kw max/525 kw hor to 4470 kw max; antenna to be raised 262 meters ASL to 553m AAT/549m AG/567m ASL; TL 5 miles NNW of Bolivia on Lewis Swamp Road; coordinates 34°07'51"/78°11'16" (Az. 170°, or slightly east of due south, 13.33 miles from present TL). Looks good for those Atlantic Coast troops.

ND Bismarck; KBME, ch. 3; a double whammy on this one; granted license to cover changes: ERP reduced from 100 kw to 18.2 kw max; antenna reduced 14 meters to 425 m AAT/318m AG/1002m ASL. That should do wonders on their next membership drive. But maybe they already saw the light, because they were also granted a CP to go back up to 80 kw max ERP.

ND Williston; KWSE, ch. 4; granted license to reduce ERP from 100 kw to 80 kw max; same TL and height.

PR Naranjito; WECN, ch. 64; granted CP to reduce ERP from 1000 kw max to 771.25 kw max.

PR San Juan; WKAQ-TV, ch. 2; granted license to cover CP for changes; ERP changed from 53.7 kw to 55 kw max; antenna height reduced 18 meters to 201m AAT/210m AG/121m ASL.

SC Columbia; WACH, ch. 57; granted license for change; ERP raised from 637 kw to 5000 kw max; antenna lowered about 10 meters to 193m AAT/159m AG/275m ASL; TL 1/4 mile west of U.S. Rte. 1 on Cushman Drive, near Columbia; coordinates 34°02'39"/80°59'52" (roughly 5 miles SSW of former TL). Increase in ERP looks good for coastal troops.

TN Memphis; WMKV-TV (applied for call letters WMSU), ch. 30; granted license to raise ERP from 2500 kw max/1009 kw hor to 5000 kw max. Should be a good improvement for coverage area and DX.

TX Denton; KDTN, ch. 2 (recently went on the air; this looks like an as-built MP); antenna height reduced 30 meters to 430m AAT/371m AG/621m ASL; same ERP (100 kw max).

VT Burlington; WETK, ch. 33; granted license to cover CP for change: ERP raised to 1000 kw max (from 251 kw, according to Television Factbook and Broadcasting magazine, but from 631 kw, according to a data base from Larry Fuss); 815m AAT/30m AG/1239m ASL, which is about the same height as before. This should be a better DX target for the Northeast.

WA Seattle; ch. 9; granted license to cover CP for change: ERP raised from 275 kw max to 316 kw max; 252m AAT/166m AG/305m ASL (about 13m lower); Same TL or close to it. Doesn't look like any big change.

WV Huntington; WPPY-TV, ch. 33; granted MP to raise ERP from 1037 kw max/398 kw hor to 5000 kw max; 378m AAT/318m AG/605m ASL (reduction of 8 meters above ground, or 20 meters above sea level, whichever you want to believe); same TL or next to it. Expect a good boost for this station.

**CALL LETTER APPLICATIONS: NEW STATIONS**

| ST | CH | CALLS   | CITY/APPLICANT                               |
|----|----|---------|--|
| AK | 33 | KDMD    | Anchorago; Echonet Corp.                     |
| FL | 64 | WIFL    | Inverness; Meredith Corp.                    |
| GA | 64 | WFQX    | Macon; WGNN                                  |
| MI | 19 | WYNL    | Marquette; Upper Peninsula Telecasting Corp. |
| TX | 60 | KVDA-TV | San Antonio; Nueva Vista Productions         |
| VA | 44 | WPCT-TV | Danville; A.W. Broadcasting                  |

**CALL LETTER APPLICATIONS: EXISTING STATIONS**

| ST | CH | CALLS | CITY/APPLICANT   |
|----|----|-------|------------------|
| GA | 69 | WHSI  | Atlanta; WVEU    |
| TN | 30 | WMSU  | Memphis; WMKV-TV |

**CALL LETTER GRANTS: NEW STATIONS**

| ST | CH | CALLS | CITY/APPLICANT                           |
|----|----|-------|--|
| CA | 61 | KKAK  | Porterville; Arthur C. Kralowec          |
| FL | 53 | WGFL  | High Springs; WHSF                       |
| KS | 5  | KSNT  | Liberal; Kansas Broadcasting Systems     |
| MT | 23 | KLFV  | Missoula; Continental Television Network |
| OR | 31 | KDKF  | Klamath Falls; Sunshine Television       |
| TX | 48 | KNVO  | McAllen; KMHB                            |
| WV | 40 | WLFB  | Bluefield; Living Faith Ministries       |
| WI | 57 | WJNW  | Janesville; Tri-M Communications         |

**CALL LETTER GRANTS: EXISTING STATIONS**

| ST | CH | CALLS   | CITY/APPLICANT   |
|----|----|---------|------------------|
| AZ | 18 | KTIU-TV | Tucson; KDTU-TV  |
| KY | 29 | WKSO-TV | Somerset; WKSO   |
| PA | 35 | WSEE-TV | Erie; WSEE       |
| PR | 54 | WCCV-TV | Arecibo; WATX-TV |

**NEW STATIONS ON THE AIR**

CA Riverside; KSLD, ch. 62z, went on the air 12/17/1988; 2366 kw max ERP; 688m AAT/47m AG/1668m ASL; TL Sunset Ridge Electronics Site, 5.5 kilometers at Az. 137° (southeast) to San Antonio Heights, CA; coordinates 34°11'15"/117°41'54"; DA BT HOR; NOTE: one reference shows a recent MP with slightly different data: 2340 kw ERP and 711 meters AAT; HSN affiliate (contrary to original publicity that they had planned to be Spanish language); address: Sunland Broadcasting Co., 6290 Sunset Blvd., Los Angeles CA 90028.

FL Clermont; WKCF, ch. 68z, went on the air 12/8/1988; 5000 kw max ERP; 513m AAT/507m AG/523m ASL; TL 1.3 miles west of the intersection of Highways 17, 92 and Miller Road, near Orange City; coordinates 28°55'16"/81°19'09"; BT HOR; stereo facilities; independent station; address: Press Television Corp., 5125 Adanson Street, Suite 650, Orlando FL 32804.

GA Athens; WNGH-TV, ch. 34z, went on the air 4/18/1989; 1258 kw max ERP; 412m AAT/368m AG/667m ASL; TL 4 miles northeast of Pendergrass, on the north side of State Route GA 82 Spur, Jackson County; coordinates 34°12'27"/83°37'48"; HSN affiliate; address: NGM Television Partners, Box 7818, Athens GA 30604.



**GA** Bainbridge; WTLH, ch. 49z, went on the air 1/31/1989; 1738 kw max ERP; 164m AAT/146m AG/232m ASL; TL in Nickleville (try finding THAT on a map), 0.8 mile east of State Route 179; coordinates 30°47'48"/84°19'28"; FBC affiliate; address: NewSouth Television Corp., 1203 Governor Square Blvd., Suite 501, Tallahassee FL 32301.

**ID** Twin Falls; KKV1, ch. 35z, went on the air 6/1/1989; 96 kw max ERP; 164m AAT/29m AG/1335m ASL; TL Flat Top Butte, 5.2 miles east of Jerome County; coordinates 43°43'42"/114°24'43"; DA BT CTR; ABC affiliate; address: Western Telecasting Co., 1061 BlueLakes Blvd. N, Twin Falls ID 83301. This means that KMTV-11, the other Twin Falls station, must be entirely CBS now.

**KS** Lakin; KSWK, ch. 33z, went on the air 5/15/1989; 100 kw max ERP; 167m AAT/162m AG/1056m ASL; TL 8 miles south, 8 miles east of Lakin (Why don't they just say 11 miles southeast?); coordinates 37°49'38"/101°06'35"; VA BT HOR; PBS affiliate; address: Smoky Hills Public TV Corp., 6th & Elm Streets, Box 9, Bunker Hill KS 67626.

**KY** Bowling Green; WKYU-TV, ch. 24z, went on the air 2/21/1989; 400 kw max ERP; 197.5m AAT/142m AG/368m ASL; TL 0.5 mile northeast of Rays Beach, near Hwy. 67, Bowling Green; coordinates 37°03'52"/86°26'07"; educational station; address: Western Kentucky University, Academic Complex 153, Bowling Green KY 42101.

**LA** New Orleans; WCLL, ch. 49z, went on the air 3/19/1989; 5000 kw max ERP; 271m AAT, AG & ASL; TL intersection of Behrman Highway and Garden Oaks Drive in New Orleans; coordinates 29°55'11"/90°01'29"; DA BT HOR; independent station; address: Crescent City Communications Co., 620 Desire Street, New Orleans LA 70117.

**MI** Mount Clemens; WADL, ch. 38z, went on the air 5/20/1989; 5000 kw max ERP; 192m AAT/190m AG/370m ASL; TL 22590 Fifteen Mile Road, 1.6 mile south of Mount Clemens; coordinates 42°33'15"/82°53'15"; independent station; address: Adell Broadcasting Corp., 22590 Fifteen Mile Road, Mount Clemens MI 48043.

**NV** Paradise; KBLR, ch. 39z, went on the air 4/1/1989; 1330 kw max ERP; 367m AAT/68m AG/1061m ASL; TL Black Mountain Communications Site, near Henderson, Clark County; coordinates 36°00'31"/115°00'22"; independent station; address: Rose Communications, 2309 Renaissance Drive, Las Vegas NV 89119.

**OR** Klamath Falls; KFTS, ch. 22z, went on the air 12/13/1988; 9.23 kw max ERP; 656m AAT/32m AG/1987m ASL; TL Stukel Mountain, 9.9 miles southeast of Klamath Falls; coordinates 42°05'48"/121°37'57"; HOR; PBS affiliate, satellite of KSYS, ch. 8, Medford OR; address: Southern Oregon Public TV Inc., 34 S. Fir Street, Medford OR 97501.

**TN** Cookeville; WHTT, ch. 28z, went on the air 11/5/1988; 230 kw max ERP; 265m AAT/142m AG/745m ASL; TL Goff Hill, 1.2 miles south of Monterey; coordinates 36°07'33"/85°17'33"; independent station; address: WHTT Television, 2046 N. Main Street, Crossville TN 38557.

**TX** Odessa; KMLM, ch. 42z, went on the air

10/17/88; 1130 kw max ERP; 146m AAT/145m AG/1034m ASL; TL 1.2 miles west of the intersection of State Routes 150 and 1788, near Odessa; coordinates 32°02'52.5"/102°17'44"; TBN affiliate; address: KMLM Television, Box 305, Gardendale TX 79758.

**UT** Salt Lake City; KKIV, ch. 14z, went on the air 2/14/1989; 15 kw max ERP; 105m AAT/83m AG/1406m ASL; TL 136 E. South Temple, Salt Lake City; coordinates 40°46'09"/111°53'02"; independent station; address: American Television of Utah Inc., 5181 Amelia Earhardt Drive, Salt Lake City UT 84116.

**VA** Charlottesville; WHTJ, ch. 41z, went on the air 5/19/1989; 251 kw max ERP; 352m AAT/85m AG/517m ASL; TL Carter Mountain, 3 miles south of Charlottesville; coordinates 37°58'58"/78°29'00"; PBS affiliate, satellite of WCVE-TV, ch. 23, Richmond VA; address: Central Virginia ETV Corp., 23 Sesame Street, Richmond VA 23235-0026.

**VA** Norfolk; WJCB, ch. 49z, went on the air 5/29/1989; 2970 kw max ERP; 268m AAT/265m AG/271m ASL; TL Hwy 337, 0.75 mile south of Driver, on WHR0-15/WTVZ-33 transmitter site; coordinates 36°48'32"/76°30'13"; DA BT HOR; independent station, emphasis on religious programming; address: Tidewater Christian Communications Corp., 1930 E. Peabroke Avenue, Hampton VA 23663.

**STATION BACK ON THE AIR**

**WI** Suring; WSCO, ch. 14, went back on the air on 12/1/1988. No information about how much power it is operating at.

**CONSOLIDATED HEARINGS**

**AZ** Phoenix; ch. 61; Compass Rose Communications Corp.; Sun World Communications; Channel 61 Partners Ltd.; Maricopa Community Television Project; Brooks Broadcasting.

**NV** Las Vegas; ch. 15; Sainte Ltd.; Blackstar Communications Inc.; Televenture Broadcasting Inc.; Lorraine Walker Arms; P.Z. Entertainment Partnership; Daniel R. Ewing, Ltd. Partnership; Media Profiles Inc.; Tierra Alta Broadcasting; North Las Vegas Broadcasting Co.; Echonet Corporation. [FR 6/2/89]

**WA** Morton; ch. 39; Morton Broadcasting (What? No other competing applications?)

**CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS**

**KS** Junction City; delete 6z; add 31z (thus allowing WONT, ch. 6 in Omaha NE to relocate its TL and expand coverage without short-spacing to Junction City).

**FORUM**

Just in from the 7/11 *Philadelphia Inquirer*: "Channel 48 has been dark since August, '83, but it's a blaze of light compared with the signals between the folks supposedly re-arranging it." In yesterday's episode of 'Who's on First?', consultant Gordon French predicted that the former WKBS-TV would be on the air 'Sometime in September.' In March, French's prediction was 'by June 1, at the latest.' In April, it was July. Baltimore's Dorothy Brunson, owner of the Channel 48 license since '85, says things 'are still at a standstill. We haven't done anything as yet. I don't know where Gordon is getting his information from.'

French, 55, says that the station's new 12,000-square-foot headquarters at 642 N. Broad St. are almost complete and that he expects WGTW's new transmitter and electronic hardware 'to be coming in between now and Aug. 1.' Brunson says no equipment has been ordered. When told his boss' response, French said: 'Oh, wow. I want to go on record as deferring to what she said.' (Smart move, Gordo.)

"French attributes the delays to 'little things that keep happening. The delays are more a process of my imagination than of reality. My reaction when I plan things is, 'Hey, we can go this way.' Then we encounter delays. Delays are what the world lives with.' (Huh?)"

My guess is that they don't have the money. Not much mail this month. In fact, nothing at all in the Northeast. So we start down south with John Combs, who sent a few newspaper articles. The 6/22 *Atlanta Constitution* reports, "Video Jukebox Network (VJN), a small national company, has set up shop in Atlanta, broadcasting on a new, extremely low-power station seen on Channel 55." (It then describes the call-in method, described in previous issues of the VUD) "And when the phone bill comes, there's a charge for \$2 per request, or \$5 for a three-video order. Twenty-five cents of that goes to Southern Bell, with the remainder divided up by VJN and Channel 55.

"Why would viewers pay money to watch the same videos they can watch for free on MTV, VH-1 and TBS's 'Night Tracks?' 'Control,' says station owner John Broomall. 'It's the old power syndrome. Why do people go to video stores instead of watching what Ted Turner puts on?'

The station, which started airing VJN Saturday, is already getting 200 to 300 calls a day with only word-of-mouth advertising, Mr. Broomall said. Although viewers' requests usually appear quickly, as many as 16 calls have been backlogged, he said.

"Because Channel 55 has such a weak signal, much of the Atlanta area cannot receive it, or can receive only a poor picture. The signal is 11,600 watts, compared with 100,000-300,000 for full-strength stations. The transmitter tower sits on Sweet Mountain in northeast Cobb County, and the signal covers most of Cobb and Cherokee counties and much of north Fulton County. Reception in the city of Atlanta is hit or miss, depending on the viewer's antenna."

From the 5/27 *Florida Times-Union*: "In February Mrs. [Dolly] Harrell obtained a federal

permit to build a low-power television station in Putnam County. Under [FCC] regulations, she was given 18 months to begin building a transmitter powerful enough to reach at least across Palatka to Hastings and perhaps beyond. The FCC license allows for a low-power station on channel 49 and unlimited hours of operation. Mrs. Harrell plans a 1,000-watt station that will broadcast from the church site on Florida 19 south of Palatka. The station's call sign would be W49AW, according to the FCC. Gospel Vision will have Scripture and gospel music as cornerstones and will invite others who produce fundamentalist-oriented spiritual programming, she said. 'They have to be clean, decent people,' the 58-year-old preacher said. 'We don't want people who are begging for money.' She said the station will be non-profit."

"Mrs. Harrell plans to add the television transmitter and microwave tower that will relay the signal to a second, taller tower she hopes to erect two miles away. The station will be capable of broadcasting a television beam for 20 miles, she said. 'I already have my studio and already have my building,' she said. 'All I need is a tower and a transmitter and we'll be in business.

"Erecting a 360-foot tower two miles away will require a permit from the Federal Aviation Administration because the church is near Palatka's Kay Larkin Municipal Airport. That permit has been applied for, and the church is awaiting word from the federal government. Mrs. Harrell said the church has already acquired the towers and is negotiating for land to use for the taller of the two. The church has enough money to build the towers, she said but needs \$60,000 to be 'well on the way' to constructing the transmitter and finishing the project."

**PAUL GAINES** (Detroit MI) sent in some news. The 6/20 *Detroit Free Press* reports, "WADL-TV (Channel 38), Detroit's newest TV station with studios in Mt. Clemens, has begun airing Hit Video USA, a network of contemporary music video programming, every night of the week."

Paul writes, "Chan. America answered my letter. Det is W26AB - antenna is downtown on Cadillac Tower Bldg. They now show Det. on their T.V. stations list (TV)." Their address - Channel America - LPTV Network, Inc. - 24 " . 57 St. - Suite 804 - N.Y., N.Y. - 10019."

"Balloon hit a TV tower - Raleigh, N.C. - 3 dead! - heard on CBS - radio - Detroit - Sun, 6-11. Didn't give station's ID."

Several articles indicate that a union strike by employees of WJBK-TV, ch. 2, is still going strong. Detroit City Council was considering solidarity with the union by refusing to give interviews or information. The union has been running a "Turn off TV2" campaign on bus placards and billboards.

A short letter from **FRANK ADEN** (Boise ID). "I had a good laugh after reading your reprint of TBN's letter concerning their problems in obtaining a transmitter site in Portland on 'Sylvan Mountain.' It is pretty obvious they had no idea in what they were dealing with or talking about. 'Sylvan Mt.' is actually Sylvan Heights which is located right in the middle of the Portland metro area. It is part of the west hills which overlook downtown (about 2 miles

away). The area is mainly residential with Washington Park (Portland Zoo is there) just to the east. There had been talk over 10 years ago about banning any additional RF transmitters in the area as all of the other TV stations have their transmitters in the west hills plus several FM stations. The area is saturated with RF transmitters. Referring to it as being a "mountain several miles distant" is completely off base. I was amazed that KPDX was approved for the west hills when they first came on the air. "K43BF is still having problems, they are off the air just about 50% of the time."

A couple of letters from **WILLIAM LINDSAY III** (Lynnwood WA): "Just a quick note to report that Channel 33 is on the air with a jittery picture and 'Home Shopping Spree,' one of those nationwide marketing programs." "The Channel 33 programming is merely continuous 'Home Shopping Spree.' There has been no ID at the top of the hour yet. It keeps losing its vertical hold and has a vibratory mixture of lines in the video."

In a later letter, Bill sent a photograph of a sign of **James G. Murphy Co. Auctioneers**, which had a list of items to be auctioned. On the list was **KONG-TV**, to be auctioned on July 12. He writes, "I saw this last night on the way home." "Looks like the 'end of the line' for KONG-TV. I guess their construction permit is cancelled, also. (I imagine all the equipment will be spread around, rather than be bought out by just one other station. I won't be able to be there, so I don't know.) There's a good possibility that if another person or company with a greater financial backing buys the permit, the FCC will grant an extension of time on its permit."

"KBGE-TV 33 (Bellevue-Seattle) has a stable signal now, but still Home Shopping Spree, with 'KBGE - TV Bellevue - Seattle' permanently superimposed in white over the video, where it probably will be burnt into the picture-tube phosphor if I left the set on for a long time."

News from out west comes from **LARRY FUSS** (now in Fayetteville GA). This first letter should have been included in last month, but it was strictly about a Las Vegas television station, so I was going to keep it with the Western letters. "KBLR, Ch. 39 in Las Vegas is on the air. At least that's what the ad says. They are not listed in the paper, nor are they on Prime Cable in Las Vegas. I disconnected the cable from the TV and tried to pick them up off the air, but there was no sign of them. I was able to get Ch. 27 LPTV with Spanish programming."

The ad referred to was in the April 16-22 *Las Vegas Review-Journal*, and reads, "Las Vegas movie channel - channel 39 UHF KBLR now on air - The greatest movies everyday - morning movies - afternoon movies - evening double features - tune us in...A new spirit comes to town."

Larry also sent this article from *Electronic Media* (no date): "The owner of the second-smallest television station in the country agreed last week to buy the nation's smallest television outlet, **KXGN-TV** in Glendive, Mont. **KXGN**, Channel 5, is the only television station in Glendive, which is ranked 212th among U.S. television markets. It inhabits the nation's smallest area of dominant influence, with 5,000 television households."

"Entrepreneur Steve Marks, who has agreed to

buy **KXGN**, already owns **WBKB-TV**, the only commercial TV station in Alpena, Mich., the nation's 211th ADI with 15,200 TV homes. Mr. Marks, 39, says he's attracted to 'single-station ADIs' because stations in such markets can garner all available TV revenue without having to compete against other TV stations in the promotion and marketing arena." "KXGN is primarily a CBS affiliate, but also carries some NBC programs. **WBKB** in Alpena is a CBS affiliate."

A couple letters and several articles from **DAVE SINCLAIR** (Vancouver, B.C. Canada), who writes about that Bellevue WA station: (dates 5/25) "Last Saturday evening I noticed that **KBGE** Channel 33, Bellevue, Washington, was on air. This station appears to have round the clock shopping. Saturday night was the only time I noticed an identification; and was identified as: 'Bellevue Seattle'. The signal is very weak and almost not there most times since but the sound is audible. This month's VUD advised their ERP as 14.8. Do you have an update on this and any info as to where their TL is?" (TL is atop the Columbia Center, 701 5th Avenue in Seattle. 14.82 kw ERP is their latest permit modification. - wbr)

Writing on June 21, "I have not been able to find out anything more about **KBGE-TV** Channel 33, Bellevue, Washington. I looked through several Seattle newspapers at our main library and the western Washington edition of *TV Guide* does not mention this station."

From the 5/17 *Globe & Mail*: "The Canadian Broadcasting Corp. wants to raise cable television fees for its English-language all-news channel by as much as 44 per cent this fall to eventually help pay for the proposed French all-news channel"

While on Canadian cable television, here's the 5/11 *Prince George Citizen*: "For almost 10 years now, pay-per-view television has allowed many American TV viewers to curl up in their favorite easy chair and dial up recent Hollywood movies, superstar pop concerts and big-event shows like *Wrestlemania*. Canadians seeking the same items, however, have usually had to troop outside to the corner video store, or to a closed-circuit screening at the local arena. Pay-per-view has been described as the 'third wave' in television - after over-the-air broadcasts and satellite-delivered channels - but was banned in Canada until recently because of concerns about its impact on culture and the broadcasting system. Last year, however, the federal broadcast regulator agreed to entertain applications for pay-per-view. And though none have been forthcoming, the Canadian cable and pay-TV industries are quietly pondering how to launch the system."

And here's a situation I'll bet many Americans wish we had: The Canadian Home Shopping Network is having problems. "The federal broadcast regulator has refused to give Canadian Home Shopping Network (CHSN) Ltd. the tool the company says it needs to improve the 'embarrassing' quality of its cable television shopping channel as well as its financial performance. In a blow to both the money-losing company and its controlling shareholder, **Rogers Communications Inc.** of Toronto, the [CRTC]

yesterday denied CHSN's applications for licenses that would allow it to broadcast its service, in both English and French, using full motion pictures instead of still photographs. Although one CRTC commissioner dissented, the majority, led by acting chairman L.R. (Bud) Sherman, ruled that granting CHSN a full-scale license as a specialty programming service "would not necessarily strengthen the Canadian broadcasting system in any way or contribute significantly to the realization of the objectives of the Broadcasting Act."

From the 3/22 *Globe & Mail*: "CHUM Ltd. has stirred up a hornet's nest with plans to disaffiliate its **Barrie, Ont.** television station from Canadian Broadcasting Cpro. and convert it to independent status, and the hornets include auto parts giant **Magna International Inc.** Magna ... thinks CHUM is trying to get its new independent station via the back door, according to documents filed with the [CRTC]. Instead, Magna contends, the federal broadcast regulator should give other companies - including itself - the chance to compete against CHUM for a broadcasting license for a new independent TV station through the normal process of calling for competing applications." The article goes on to point out that Magna and others (all of which have broadcasting interests in the Toronto area) who oppose the network change in **CKVR** in **Barrie** fear that as an independent, **CKVR** will have greater viewership, obtain higher status on Toronto cable television, and become a greater competitor in the advertising market.

Dave is interested in correspondence with other members of the WFTDA, as well as sharing

various editions of the TV Guide. If interested, write to him at: 6565 Brooks St., Vancouver B.C. V5S 3J6, Canada.

Dave also included, in one of his letters, an advertisement for that indoor parabolic television dish antenna which I described some months ago. I don't see anything in the ad that seem to be in any way misleading. They tell you it works like "rabbit ears," tell you it doesn't transmit any signals, say that it tunes into "every local broadcast channel." The ad even offers a money back guarantee if you aren't satisfied. It's definitely not something you'd want for DX purposes. But Dave is curious if it works. If anybody has tried one of these, let me know what kind of results you got.

One final comment which I made a few months ago. Some articles which have been sent to this column just have no value whatsoever to WFTDA members. For example, an article about television station sales has no use unless it means the station could change networks, format, or some form of broadcasting policy as a result. An article would be of value if it reported that a station is picking up first-run syndicated programs, or creating its own programs, but an article mentioning that a station is airing a particular program is useless. We could just as well list a complete program schedule of every station in North America for that matter. And if a newscaster quits his/her job at one station to start at another station, so what?

If you have a newsworthy article, send it in. But please don't send in everything that makes mention of a television station.

## ANOTHER DX PUZZLE

from Tom Bryant,  
WSM Radio

CHANNEL 3 CALL LETTERS - TOTAL 40  
(plus bonus station formerly on  
channels 3 and 4 and now on 6)

K O O T K X W N S K R Q  
O R W I H J R W S A Z M  
E Q R Y M H Y L F C F C  
T K E N L K A B C W K Y  
W O G X A V B R V T M K  
B A F K R T V W V T M W  
C B V A W K O S W S K W  
S P E E Y V K K Q B K A  
R W L B T L C E M R T Y  
K K I K W K R E N M B V  
T U B S V R A S I W S A  
W T T R C K C K A C B S  
X M N R F C H B X A C W

(SEE PAGE 25 FOR SOLUTION!)

# QSL CORNER & LOGOS RUN

THOMAS J. YINGLING, JR. KA3TCC  
221 PINWOOD ROAD  
BALTIMORE, MD 21222-2345



DE W27AJ-TV 27 Dover, Whitaker Road (no zip given). Answered my qsl report via my prepared card (I had trouble QSL'ing WMDT-TV some years back. Power of 19.2kw (but signed by WMDT-TV ch. 47 Salisbury, MD CE and mailed from Salisbury at Box 321, 202 Downtown Plaza, Salisbury, MD 21801. (Holbrook)

KY WRVC 93.7 Huntington Box 1150 (no zip given). Send back my prepared card signed by Scott Hennley, CE. Reply in 6 days. (Holbrook)

DE WZBH 93.5 Georgetown, Box 111 (again no zip code given). Answered via my prepared card signed by Terry Dalton, back in 8 days. (Holbrook)

MD WGRX 100.7 Westminster, Box 200, zip 21157. Send letter, signed by Ken Caedisa. Also qsl'ed my reception of their traffic plane on 161.76Mhz. Reply back in 24 days. (Holbrook)

MD WXCX 103.7 Havre De Grace, P. O. Box 269, zip 21078. Send long letter back from Bruce A. Collier, Program Director, WB3HVV & DX'er who wants reports. (Holbrook)

MD WAAI 100.9 Hurlock P. O. Box 1300, zip 21643. Letter back from Keigh A. Mayo, VP. Report is for 2nd day of operation. (Holbrook)

MD WDLE 107.1 Federalsburg, Main Street, zip 21632. Hand written letter signed by Gary H. Kleiman, VP/GM back in 5 days. (Holbrook)

ON CBEE 88.1 Windsor, 267 Pelissier Street, 9th Floor, N9A 4K5. Letter in 41 days from R. A. Clark, Radio Resources Mgr. (Falconer)

ON CJEZ 97.3 Toronto, 40 Eglinton Ave. E, M4P 3B6. Letter and coverage map in 39 days from Grant Turnpenny, Eng. Mentions ERP of 4,000 Watts with antenna atop the CN tower. (Falconer)

ON CKLP 103.3 Parry Sound, 24A Williams St., P2A 1V1. Letter, coverage map/rate card & 2 bumper stickers in 45 days from Sharon Beaucage, Mgr. who mentions they recently moved antenna & are interested in reports. (Falconer)

IL WJCH 91.9 Joliet, 13 Fairlane Dr., zip 60435. Letter and Family Radio schedule in 18 days from John Rorvils, Mgr. Mentioned my report is farthest received so far, and mentioned a recent report from Duluth, MN (maybe Bruce Elving?) (Falconer)

IN WVPE 88.1 Elkhart, 2424 California Rd., zip 46514. acknowledgement of reception on station memo pad paper and coverage map in 45 days from Tim Eby, Mgr. (Falconer)

OH WUJC 88.7 University Heights, John Carroll University, 20700 N. Park Blvd., zip 44118-4581. Letter and WUJC fridge magnet in 35 days from David E. Reese, GM. (Falconer)

PA WQED 89.3 Pittsburgh, 4802-5th Ave., zip 15213. Letter, bookmark, 2 wall posters, and copy of Pittsburgh Magazine in 52 days from Jay R. Conley, FM Technician and returned my SASE. (Falconer)

PA WMCE 88.5 Erie, Mercyhurst College, zip 16546. Send back my prepared card, signed by Richard Ragan in 2 weeks. (Ross)

TX KFMX 94.5 Lubbock, Box 12030, zip 79452. Send back my prepared card in 2 weeks signed by Tommy E. Jenkins, Eng. (Ross)

ON CKWR 98.7 Kitchner, Box 2035, Stn. B, zip N2H 6K8. Send back my prepared card in 4.5 weeks signed by Scott Jenson, PD. (Ross)

WV WFGM 97.9 Fairmont, Box 2798, zip 26555. PFC & letter back from Mark Mayhugh, N8FSM & CE in 5.5 weeks. (Ross)

AL WAKA 8 Selma, X 3020 E. Boulevard, Montgomery, AL zip 36116. Send T-shirt & letter on "Inter-Office-Communications stationery in 23 days from Dawn Manek, Promotional Mgr. John says "Many clubs would not even count this as a QSL; although she says "thank you for letting us know you picked up our station" and "thank you for your information" she falls short of actually verifying the logging. (Combs) (note from editor: this post card just came, and was postmarked Oct 25, 1998 !)

IA KRDI 100.9 Decorah, P. O. Box 27, zip 52101. Letter from Paul Scott, 6Mwho says they are on the air from 5:30 am until midnight daily. (Elving)

MN KFML 94.1 Little Falls, 70 NE 1st Ave., zip 56345. Letter with unreadable signature chief operator/PD morning man send a short letter accusing me of being "the

With the lack of many QSL items to use, trying not to repeat using the same station tv id Logo, and just being too busy to do this column I have missed a few months. I'm sorry to all that were looking for this column. I did make a phone call to Buffalo, NY to Bill Thompson to tell him of my problems, and was told about a new problem. The club has been getting new members who are not too familiar in the way to write a reception report to a FM or TV station. I will try my best to give some highlights in how to report for verification of your reception.

First of all, is the actual logging of a DX station. Try to copy down all the details you can. The time of day (give your local time and if the station is in another time zone give it as well like 10:00am edt/9:00am cdt), all the commercials you can get (commercials are a must for a station broadcast log for proof that they did them for the sponsor), station jingle or slogan, the names of news reporters, weather reporters & sports reporter for local news items, dj names, the type of music (I found the titles of records/cd's/albums/tapes played don't help, too many are played anyway to remember or logged anyway), psa's (special service announcements like the American Lung Assn. & etc.), news network (like ABC, NBC, etc...), and I think at this point you see what I mean to report. Get all you can for more proof that you did receive the station.

Next thing is your reception report to the station. You can do this a few ways.

1. Use form letters to report your reception. All the wording is on the form letter already. You just have to fill in the blanks. 2. Send a personal letter. 3. Send a tape recording like a 2 inch reel-to-reel tape at 3 3/4 ips or 7 1/2 ips, or a cassette tape for the FM station. Or, if you like send a video tape of your tv station logging. This will cost more, and then you may not get the tape back.

You can make your own form letter, if you have a home computer. If you don't have a computer just keep a copy of a form letter, and then write your reception report the same way. This is what I say in my tv qsl form letter that I made with my Commodore 128. For other bands beside tv, like fm, am & even shortwave radio just change the wording from distant television stations to distant fm radio stations.

"My hobby is to receive distant television stations. I had the pleasure to receive your station on channel 24, from 10:55pm edt to 11:38pm edt on date of 8-5-88. Details of my reception, which I hope prove interesting are listed below. If you find this report correct according to you stations's logbook, I would appreciate receiving a card or letter of verification (QSL) to confirm my reception. I collect these QSL's and your verification would make a fine asset to my collection. If possible, please list the date, time, channel, power of transmitter used, & indicate the site of the transmitter used for the broadcast I viewed."

At this point you would give a list by the time of what you logged. List the time in order, and what you logged. Then tell the station what kind of equipment you use to able to receive them. List the radio or tv brand name, model number, the type of antenna you have. Also tell them of how good the signal was or was not. If you had interference to the reception, tell them that too. Any information you can give on the reception will be helpfull to them.

Then when you are ready to close the letter with your thanks for reading your report, and taking their time. "I like to thank you for reading my report. I hope that you find that it does match up with your broadcasting schedule. If possible, when you reply, please send any station information you can. I collect pendants, schedules, bumper-stickers, coverage-maps for my collection."

I hope this may help any member on reporting for QSLs. Many dx'ers are not reporting for qsls due to increase postage cost, stations are getting hard to qsl now. The stations here not too familiar with the hobby as they were when radio was new. If you have any for suggestions, and tips on how you report for QSLs, please write to me for use in the column. 73's.

**KKKK RADIO STATION**  
"QUAD K 99-FM STEREO/QUAD"  
BOX K  
MIDLAND, TEXAS 79701



**WSBW**  
FM 100  
228 N. 3rd Avenue  
Sturgeon Bay, WI 54235

**WCLG FM/AM**  
morgantown, west virginia, 26505





most furthest we've received word of." (Elving)  
 NE **KNEB 94.7 Norfolk** Letter from Gene Koehn mentioning also being heard in San Francisco "That is really some skip" Said town is pronounced like Johnny Carson says it, not "Norfork", like some local "stubborn Germans" say it. (Elving)  
 NC **WRMC 98.7 Jacksonville**, 307 Johnson Blvd., zip 28541. Bill Cox, PD sends letter, bumper sticker. (Elving)  
 NC **WOBR 95.3 Wanchese**, P. O. Box 400, zip 27981. Letter from Todd Mitchell, Mid-day announcer says "Ironically, I've picked up several MN FM stations since moving here from Rochester, MN over a year ago on my car stereo with no booster. One afternoon, our program director & I both sat in my driveway listening to KTCZ 97.1 on both of our car stereos." (Elving)  
 SD **KAUR 89.1 Sioux Falls**, Augustana College, zip 57197. Letter from Daniel J. Lurd, GM. (Elving)  
 TX **KNZ 88.1 Abilene**, 542 Butternut, zip 79602. Long letter & bumper sticker from John R. Scaggs, Operations Dir/Eng who explains they use the word "sponsored" to mean underwriting, and wishes me "happy hunting on the dial in the future" (Elving)  
 TX **KOOD 106.5 Jacksonville**, P. O. Box 1648, zip 75766. Letter from Steve Comer, no title given, verifies & mentions also being heard in Canada. (Elving)  
 WI **WCLQ 89.5 Wausau**, % 536 Grand Ave., Scofield, WI 54476. Letter from Chuck Sepp, Mgr. says "Your letter was a great encouragement to myself and to our church as I shared it with them.... you and your family are our most distant listeners. We originally intended our wattage to reach a 30 mile radius. We have gotten many reports from listeners much farther than that, but you are the farthest." (Elving)

# FM STATISTICS

## FM SCOREBOARD

Fred Nordquist  
 7945 Boxford Road  
 Clay, NY 13041  
 Deadline: the 5th

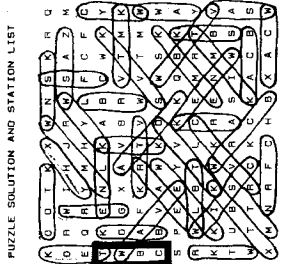
UPDATED 6/10/89

| RANK          | NAME              | LOCATION         | TOTAL | 88-92 | ES   | MS  | AU | USA | CN | MX | FD | TPU | YB | AS OF:   |
|---------------|-------------------|------------------|-------|-------|------|-----|----|-----|----|----|----|-----|----|----------|
| SORT BY TOTAL |                   |                  |       |       |      |     |    |     |    |    |    |     |    |          |
| 1             | PAT DYER          | TX SAN ANTONIO   | 2219  | 364   | 1811 | 49  | 0  | 44+ | 3  | 21 | 5  | 74  | 78 | 12/31/88 |
| 2             | DANNY BUNTIN      | OK STILLWATER    | 1781  | 283   | 1869 | 4   | 0  | 48+ | 5  | 9  | 2  | 65  | 74 | 08/02/88 |
| 3             | BRUCE ELVING      | MN DULUTH        | 1627  | 278   | 1305 | 8   | 0  | 44+ | 3  | 1  | 0  | 49  | 48 | 11/07/88 |
| 4             | RALPH STROBEL     | IN MUNCIE        | 1618  | 447   | 448  | 15  | 6  | 43+ | 7  | 2  | 0  | 53  | 72 | 06/03/89 |
| 5             | JOHN EBELING      | MN BLOOMINGTON   | 1590  | 265   | 913  | 44  | 82 | 47+ | 5  | 5  | 0  | 58  | 52 | 01/01/89 |
| 6             | FRED NORDQUIST    | NY CLAY          | 1434  | 273   | 697  | 40  | 58 | 41+ | 5  | 0  | 2  | 49  | 69 | 05/18/89 |
| 7             | MIKE BUGAJ        | CT ENFIELD       | 1423  | 198   | 748  | 15  | 23 | 37+ | 3  | 0  | 1  | 42  | 74 | 04/03/89 |
| 8             | JOSEPH FELA       | NJ S. PLAINFIELD | 1373  | 287   | 694  | 2   | 9  | 37+ | 6  | 0  | 3  | 47  | 68 | 11/06/88 |
| 9             | DAVID NIEMAN      | NY AKRON         | 1277  | 348   | 382  | 46  | 23 | 43+ | 6  | 3  | 3  | 55  | 59 | 12/31/88 |
| 10            | BOB SEYBOLD       | NY DUNKIRK       | 1114  | 175   | 543  | 0   | 0  | 41  | 6  | 0  | 3  | 58  | 58 | 07/22/87 |
| 11            | FRED MCCORMACK    | MO DES LACS      | 1110  | 145   | 883  | 26  | 87 | 44+ | 6  | 4  | 0  | 55  | 65 | 04/09/88 |
| 12            | FRED MCCORMACK    | MO FARGO         | 1099  | 199   | 759  | 3   | 52 | 47+ | 6  | 3  | 0  | 57  | 74 | 04/09/88 |
| 13            | JOHN EBELING      | MN PROSIT        | 988   | 179   | 658  | 3   | 5  | 47+ | 8  | 2  | 0  | 58  | 75 | 01/01/89 |
| 14            | JOHN JEFFERSON    | CA PLEASANTON    | 985   | 216   | 568  | 156 | 0  | 27  | 4  | 4  | 0  | 35  | 57 | 07/21/88 |
| 15            | HANK HOLLBROOK    | MO CHEVY CHASE   | 839   | 214   | 223  | 18  | 0  | 35+ | 6  | 0  | 3  | 53  | 59 | 05/12/87 |
| 16            | GREG CONTI        | NY WILLIAMSVILLE | 761   | 136   | 368  | 5   | 5  | 35+ | 8  | 0  | 2  | 46  | 85 | 10/01/88 |
| 17            | ALAN MICHALEX     | MA SPRINGFIELD   | 747   | 188   | 452  | 0   | 0  | 36+ | 5  | 0  | 0  | 42  | 52 | 04/03/89 |
| 18            | CARLON HOWINGTON  | FL ST PETERSBURG | 738   | 0     | 0    | 0   | 0  | 0   | 0  | 0  | 0  | 0   | 87 | 11/21/88 |
| 19            | BOB SPOLAREK      | NJ OLDWICK       | 695   | 126   | 246  | 0   | 0  | 36+ | 3  | 0  | 1  | 41  | 78 | 04/01/88 |
| 20            | BILL NELLMAN      | CT NORWICH       | 686   | 83    | 294  | 28  | 0  | 35+ | 5  | 0  | 0  | 41  | 81 | 11/04/88 |
| 21            | MATT SITTELL      | TN KINGSPORT     | 552   | 75    | 382  | 1   | 0  | 31  | 4  | 3  | 2  | 46  | 85 | 12/31/88 |
| 22            | BILL KRETSCHMER   | MA N SPRACUSE    | 505   | 91    | 122  | 1   | 0  | 35+ | 3  | 0  | 1  | 48  | 74 | 05/10/89 |
| 23            | DAVID IDELL       | AR LITTLE ROCK   | 496   | 61    | 178  | 3   | 0  | 41+ | 4  | 5  | 1  | 52  | 88 | 05/14/87 |
| 24            | ROBERT ROSS       | ON LONDON        | 438   | 128   | 146  | 0   | 0  | 22  | 1  | 0  | 1  | 24  | 76 | 06/12/87 |
| 25            | LARRY WEADE       | IL CHICAGO       | 415   | 88    | 63   | 3   | 0  | 21  | 1  | 0  | 0  | 22  | 79 | 08/24/88 |
| 26            | MIKE HOSAN        | I. BURNHAM       | 326   | 72    | 48   | 0   | 0  | 26  | 1  | 0  | 0  | 27  | 75 | 05/01/87 |
| 27            | BOB SCHWEITZER    | NJ E. BRUNSWICK  | 266   | 78    | 7    | 0   | 0  | 11+ | 0  | 0  | 0  | 12  | 77 | 04/01/88 |
| 28            | WILLIAM HEPBURN   | ON MISSISSAUGA   | 237   | 85    | 54   | 1   | 0  | 24+ | 1  | 0  | 1  | 27  | 79 | 02/12/89 |
| 29            | BILL NIEMAJADLY   | NJ CLIFTON       | 213   | 57    | 14   | 2   | 0  | 19+ | 0  | 0  | 0  | 20  | 75 | 04/21/89 |
| 30            | GUS MANCUSO       | MO CHEVERLY      | 192   | 26    | 2    | 0   | 0  | 11+ | 0  | 0  | 0  | 12  | 78 | 10/05/87 |
| 31            | FRANK WHEELER     | PA ERIE          | 168   | 23    | 1    | 0   | 0  | 8   | 1  | 0  | 0  | 9   | 64 | 03/13/89 |
| 32            | DOUGLAS ALLEN     | CO WOODLAND PARK | 152   | 24    | 27   | 9   | 0  | 23  | 0  | 0  | 0  | 23  | 88 | 03/21/89 |
| 33            | BOB SCHWEITZER    | NJ OLD BRIDGE    | 146   | 41    | 0    | 0   | 0  | 9+  | 0  | 0  | 0  | 10  | 82 | 04/01/88 |
| 34            | MORRIS SORESENSEN | ON MILTON        | 138   | 24    | 24   | 0   | 0  | 16  | 1  | 0  | 0  | 17  | 83 | 06/16/88 |
| 35            | HANK STRICKERT    | IL CHICAGO       | 129   | 25    | 6    | 0   | 0  | 5   | 5  | 1  | 0  | 11  | 79 | 04/29/89 |
| 36            | ROBERT GRANT      | MI DETROIT       | 106   | 28    | 21   | 0   | 0  | 12  | 1  | 0  | 0  | 13  | 71 | 07/01/87 |
| 37            | WILLIAM HEPBURN   | NT CORAL HARBOUR | 58    | 5     | 57   | 0   | 0  | 5   | 8  | 0  | 0  | 13  | 84 | 02/12/89 |

\*=VERIFIED

COLUMN DEFINITIONS are as follows: Total=Total number of FM stations logged from DXer's location (All loggings should be received within 25 mile radius of this location to count). Freq. changes count as a station, call letter changes DO NOT count. Also count a station only once regardless if logged by different propagation modes.) 88-92=All stations logged from 88.8 to 91.99 Mhz. ES=Total number of stations logged via E-skip. MS=Total by meteor scatter. AU=Total via Aurora. USA=Total number of states and the '+' = Washington, DC. CN=Number of Canadian provinces logged. MX=Number of Mexican states logged. FD=Number of foreign countries, but not Canada or Mexico. TPU=Total number of political units=sum of USA CN MX and FD. YB=The year you began DXing. Other groundrules for computing log totals are included in AUGUST 88 VLD Page 48. NOTE: FM Scoreboard entries not updated after 19 86 are not included above. So please submit your updates to the FM SCOREBOARD to get reinstated. 73-Fred

### DX PUZZLE SOLUTION FROM PAGE 21



- PUZZLE SOLUTION AND STATION LIST
- 1 KDET OK
  - 2 KHVY TU
  - 3 WYAN NY
  - 4 WZLX NY
  - 5 KLNK NE
  - 6 KRIV MI
  - 7 KRIV MI
  - 8 KRIV MI
  - 9 KRIV MI
  - 10 KBBE ND
  - 11 KBBE ND
  - 12 KBBE ND
  - 13 KBBE ND
  - 14 KBBE ND
  - 15 KBBE ND
  - 16 KBBE ND
  - 17 KBBE ND
  - 18 WSAV GA
  - 19 WSAV GA
  - 20 WSAV GA
- Bonus: CBMT MB

**WLTW**  
**23**  
 MIAMI

**WNEB**  
**23**  
 WNEQ

**WDCN**

**Citytv** **KGMR**  
 News • Movies • Music  
 RADIO  
 216 2nd St. N.E.  
 P. O. BOX 979  
 MASON CITY, IOWA 50401-0979

**VEA**  
**52**  
 EL CANAL DE LOS ANGELES

**WPBT 2**  
 P.O. Box 9  
 Miami, FL 33261-0009

**KDWB** **AM 63**  
 FM 101  
 TWIN CITIES

**419**  
**WNYB-TV**  
 BUFFALO

**7.100**  
 STEREO RADIO  
 609 CAMERON ST • BOX 24 • EAU CLAIRE, WISCONSIN 54701

# PHOTO NEWS

AUGUST 1989

Here's the last fotos of John F. Combs - Jacksonville, Florida cracker jack March tropo opening. John has promised to include some DX shack and "urban antenna farm" photos in the next batch he sends in.

**Mailing Address:**

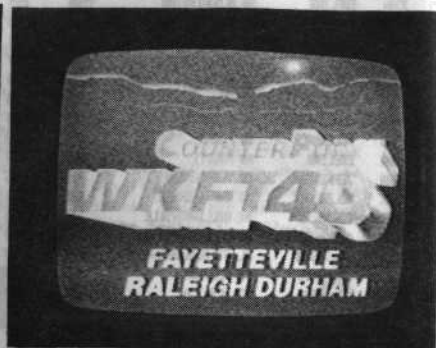
PHOTO-NEWS - P. O. Box 155 - Clarence, NY  
14031-0155 U.S.A.

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

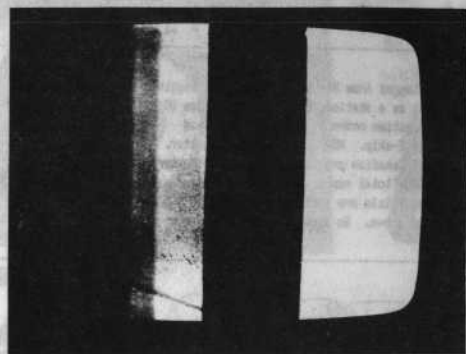
EDITED BY  
David J. Nieman



**KVEO-23**  
Brownsville, Texas  
1020 mile tropo  
seen March 15, 1989



**WKFT-40**  
Fayetteville, NC  
392 mile tropo  
seen Mar. 15, 1989



"Does this test pattern have a name? I see it often on WJKS -17 !"

Can anyone help?? I see it on the CBLFT-25 Ontario repeaters. They seem to run it before CBLFT -25 comes on.

# PHOTO NEWS

AUGUST 1989 page 2

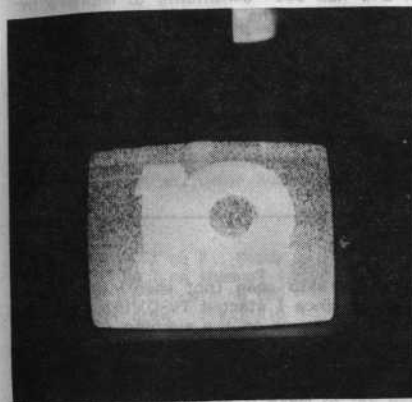
**Mailing Address:**

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

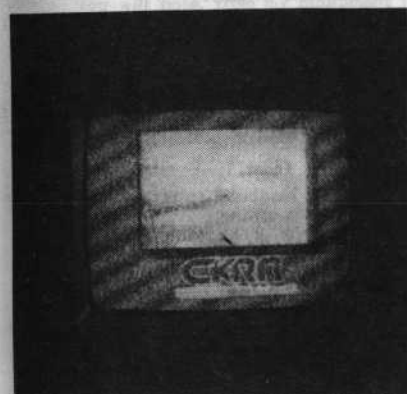
Photos submitted to PHOTO-NEWS become the property of this column and will not be returned.

EDITED BY  
David J. Nieman

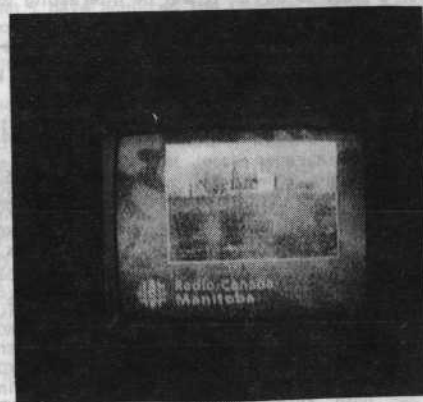
Matt Sittel got to do some DXing while at college in Raleigh, North Carolina. WIS-10 was one of his catches. The other DX fotos were taken at his home base in Kingsport, Tennessee.



**WIS-10**  
Columbia, SC  
161 mile tropo  
seen March 31 1989  
at 0130 EDTtime



**CKRN-4**  
Rouyn, Quebec  
822 mile E-skip  
seen June 8 1989  
at 1129 EDTtime



**CBWFT-3**  
**CBWFT-3**  
Winnipeg, MB  
1187 mile E-skip  
seen June 8, 1989  
at 1259 EDTtime

Till next time when Mike Hollis takes us on a tour of his Mary Esther, FL DX shack and shows us more gulf tropo....

DAVE

# WESTERN TV-DX

August 1989

It seems that June 1989 was certainly not the best ever for E skip! From my perspective and that of several other reporters it was likely the worst in memory. Luckily, it did seem to improve late in the month and has been continuing to improve in July. However, I don't know if we can hope to catch up in the seasonal opening count category.

As usual, this month's column includes some nice tropo loggings. There are some catches reported in the 400-600 mile tropo category.

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

CH Chihuahua SI Sinaloa

Frank Aden Jr., 5147 Morris Hill, Apt. 133, Boise ID 83706

Thought I would give you a quick report on the skip seen (not seen!) here this season so far. This has to be the worst one on record since I started TV-DX'ing in 1970. As of this date, only one major opening has occurred and it was on the evening of the 1st (nothing at all was seen in May except for a short one lasting about 30 minutes on the 16th). It lasted about 4-5 hours and the MUF got up to FM a few times. No new stations noted, only stations ID'ed were in Kansas. Was able to ID just a few on FM.

What has happened? It is almost like we have yet to make it to summer. Bill Frahm and I were going over past DX records and can not believe how bad it is. At least I am not feeling too bad about not yet being able to put up some outside antennas (still looking for a place to buy). It will be interesting to see what happens in July.  
 73, Frank

Scott Steenhusen, 777 Silver Springs #1804, Wichita KS 67212

CDT

### Equipment:

RCA XL-100 19", rabbit ears - VHF and Radio Shack U-120 - UHF at 25 feet

|            |                      |        |       |      |                  |                             |
|------------|----------------------|--------|-------|------|------------------|-----------------------------|
| May 1989   | 23 tr 0133           | KCIT   | 14 TX | 290  | (cont.)          | rabbit ears.                |
| 23 tr 0028 | KJTV                 | 34 TX  | 375   | 0200 | KVII             | 7 TX 290                    |
| 0030       | =KAMC                | 28 TX  | 375   |      | KYTV             | 3 MO                        |
|            | KHBS                 | 40 AR  | 240   |      | KOLR             | 10 MO                       |
| 0036       | KAAS                 | 18 KS  | 95    |      | K.C. MO 4, 5, 9  | 24 tr 0300                  |
|            | (With CCI)           |        |       | 0204 | =KVIJ            | 8 OK 210                    |
| 0042       | KCBD                 | 11 TX  | 375   | 0213 | KBIM             | 10 NM 490                   |
|            | KMBC                 | 9 MO   | 180   |      | (Local KAKE off) | 0400                        |
|            | Topeka               | 27, 49 |       | 0225 | =KOBR            | 8 NM nearly snow free s/off |
|            | KMCI                 | 38 KS  | 140   | 0247 | KOLN             | 10 NE test-ing under KBIM   |
| 0047       | KSNF                 | 16 MO  | 160   | 0517 | KRBC             | 9 TX 375                    |
|            | Tulsa                | 17, 23 |       |      | +KLBK            | 13 TX still strong at s/on  |
| 0050       | KPTM                 | 42 NE  | 245   | 2200 | OKC 4, 5, 9, 13, |                             |
| 0051       | K31BW                | 31 KS  | 110   |      | KOED-11, KOAM-7  |                             |
|            | (Manhattan LPTV-TBN) |        |       |      | a11 vy strong on |                             |
| 0103       | KETV                 | 7 NE   | 260   |      |                  |                             |
| 0107       | KOBR                 | 8 NM   | 490   |      |                  |                             |
| 0130       | KLBK                 | 13 TX  | 375   |      |                  |                             |

The DX this fall-winter-spring (written 06/06/89 fm) has been an eerie facsimile of this time period one year previous. Zilch. The only noteworthy events from October 1988 to May 1989 - one new logging on October 19, KTHV-11 from Little Rock with both locals 10 and 12 on at the time and some December E skip on the 23rd with Florida's channel 2's - WESH and WPBT.

Finally though, a very refreshing 500 mile tropo duct occurred May 23 and from a rare direction too - the southwest. I do have an oddity to report from that exciting night - Oklahoma City UHF's 14, 25, 34, and 43 made a rare disappearance from the scene, considering that at 0100 Oklahoma City channels 4 and 5 were in strong on the rabbit ears,

Western TV-DX

August 1989

### Scott Steenhusen (continued)

but not even a faint UHF signal was received with the outdoor UHF antenna at the same time. Often, the Oklahoma City UHF's are the first stations to be seen and the last to disappear during the least bit of enhancement, especially during an opening to the south (Tulsa 17 and 23 were in at this time).

I shed no tears over this incident though, with the long sought after loggings of KCIT-14 and KJTV-34 arriving with no CCI!! 73's

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

PDT

### Equipment:

VHF - Winegard CS-4052, Channel Master 9510 rotator with 9535 Programmable Control Unit, Channel Master 7477 preamplifier, Channel Master 7270 step attenuator, Channel Master 7205 mid-band trap (to control CATV leakage), Channel Master 7035 MATV distribution amplifier, Comm-Scope RG6 cable. UHF - SITCO ECL16-1-14/83 log periodic, Alliance HD73-1 rotator, Winegard PA-4975 preamplifier, Comm-Scope RG6 cable.

### June 1989

|            |                  |                  |            |                |
|------------|------------------|------------------|------------|----------------|
| 20 Es 1300 | CCI on 4         | Heavy            | 20 Es 1350 | unid ch 3 ABC  |
|            | 1320             | CCI on channel 2 | 1400       | KENW 3 NM 865  |
| 18 Es 1030 | CCI on 2         | Heavy            | 1600       | KIDK 3 ID 710  |
|            | CCI on channel 4 |                  | 1630       | KRTV 3 MT 975  |
|            | 1040             | unid ch 4 ne CBS | 1830       | CCI on ch 2 ne |
|            | 1100             | KLEW 3(WA) 810   | 1900       | KLEW 3(WA) 810 |

On Thursday, June 15, semi-local KNSD-39 (San Diego) reported on its 11 PM newscast, that sunspot activity would occur by the upcoming weekend. A daily check of the low-band channels produced nothing until Sunday morning, June 18. Amid temperatures approaching 105 degrees that day, locals KCBS-2 and KNBC-4 gave way to a fair amount of cci, though no ID's were possible. On channel 3, however, KLEW-TV came through from Idaho.

You will note, from my equipment list, that I have acquired the Channel Master programmable rotor control. This unit, now discontinued by Channel Master, is a departure from the traditional (and somewhat noisy) set-top controller in that its operation is absolutely silent. My HD73 controller, while also silent, is far more utilitarian with its azimuth meter and box cabinet. For DX'ing purposes, I find the LED compass dial on the Channel Master programmable unit to be a real handicap. It only provides 7 compass readings between each quadrant (i.e. "North" to "East"), leaving one to speculate as to exactly where the antenna is pointed. DX'ing aside, the programmable feature, while a novelty to some extent, is impractical because atmospheric conditions (at least here in southern California) necessitate frequent antenna adjustments for routine TV viewing. What I do like is the infrared handheld device that comes with the 9535 control unit - nothing like rotating the antenna with my feet up!

In the midst of a strong 100 degree plus heat wave here, another unusually productive afternoon (June 20) of E skip activity happened my way. ID's were difficult most of the time, due to very pronounced "venetian blind" effects on channel 2 and 4. Channel 3, however, was at times absolutely jammed with sunspot related noise. My VCR's tuner though, hung on long enough to capture solid ID's of the above stations.

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

CDT

### Equipment:

7' Finco dish, B-T CMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis with B-T AB-3 (tube type) preamp @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-2026 (lo-band) and Winegard SC713 (hi-band) yagis. Hi-band uses AB-300 preamp. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 60's) (used with antennas on 40' tower). Panasonic 9" b&w portable.

### June 1989

|           |                       |           |                    |                 |                      |
|-----------|-----------------------|-----------|--------------------|-----------------|----------------------|
| 4 tr 0615 | KDNL                  | 30 MO     | 432                | 9 Es 1203       | unid ch 2+ weak      |
| 2 tr AM   | W65BT                 | 65 WI     | W54-- 54 MI 100    | 10 tr 2145      | W24AI 24 IN 201      |
|           | (Milwaukee w/KJMH-26) |           | (Iron Mtn WPNE-38) |                 | (Michigan City TBN)  |
|           | (Normally WCIU-26)    |           | (Snow free)        |                 | W69BT 69 IN 208      |
| 3 tr AM   | W22AJ                 | 22 IL 141 | Es 1749            | unids chs 2-4 w | (South Bend WCIU-26) |
|           | (Waukegon LPTV)       |           | 5 Es 0740          | @KNMZ 2 NM      | W08BW 8 WI 60        |
| 4 tr 0550 | KDEB                  | 27 MO     | 589                | 8 Es 1200       | unids chs 2, 3 s     |
|           |                       |           |                    |                 | (Sheboygan RFD-TV)   |



William Draeb (continued)

|            |  |  |   |
|------------|--|--|---|
| 25 tr 0450 | W26AB 26 MI 265  | July 1989  |   |
| 11 tr 1118 | WXIX 19(OH) 400<br>WCET 48 OH 400<br>WKONT 52 KY<br>WPBO 42 OH 462<br>WYMT 57 KY 553<br>WKHAT 35 KY<br>WSBN 47 VA 587<br>(Snow free)<br>WMSY 52 VA<br>WBRA 15 VA<br>2102 WUNFT 33 NC<br>2128 WRDgt 16 NC<br>WNRWT 45 NC<br>WGGTt 48 NC<br>2140 WOSU 34 OH 395<br>12 Es 1800 unid channel 3 s<br>16 Es 1203 unid channel 2+<br>1238 WEAR 3(AL)<br>unid channel 4<br>17 ms 0535 CBFT 2 PQ<br>tr 1812 WCET 48 OH 400<br>18 tr 0552 KITC 10 MN 248<br>Es 1148 KIII 3 TX<br>unids chs 4, 5<br>2041 KATC 3 LA<br>WVlt 4 LA<br>unid channel 2<br>2107 unid channel 5<br>2109 unid channel 6<br>20 Es 1300 KACV 2 TX<br>KENW 3 NM<br>1315 unids chs 4, 5<br>1751 KMID 2 TX<br>21 tr W46AR 46 WI 100<br>(Milwaukee LPTV)<br>(Weigel Bcstg. Co. ID)<br>2032 WCET 48 OH 400<br>2105 WUCX 35 MI rare<br>23 Es 1912 KATC 3 LA<br>unids chs 2, 4 | 25 tr 0450 W26AB 26 MI 265<br>(Detroit LPTV)<br>0700 Lower ON UHF's,<br>east OH, Buffalo<br>Toronto - most<br>snow free<br>Es 1416 WCBW 2 SC 916<br>WWAY 3 NC<br>tr 1821 WXIX 19 OH 400<br>WCET 48 OH 400<br>2210 WSEE 35 PA 405<br>27 tr 0730 KSAX 42 MN<br>1823 W24AI 24 IN 201<br>W69BT 69 IN 208<br>WCET 48 OH 400<br>28 tr 0050 W26AB 26 MI 265<br>CBLN's 20,34,40,<br>and 45<br>Es 1810 KTWOt 2 WY<br>1855 KOTAt 3 SD<br>unid channel 4<br>29 tr 0525 KKNL 24 MO 432<br>KDNL 30 MO 432<br>2230 Iron Mtn MI 100<br>(Snow free)<br>30 tr 0026 W33AR 33 IL 171<br>(Rockford WCIU-26)<br>0602 WKAS 25 KY<br>WTSF 61(WV)<br>WDRB 41(IN)<br>WDKY 56 KY<br>Lexington KY 18,<br>27, 36 473<br>WPBY 33 WV 498<br>WPBO 42 OH 462<br>WCET 48 OH 400<br>+ many others,<br>all snow free<br>Es 2255 unids chs 2-6 nw<br>CKBI3 4 SK<br>("W5" ID) | July 1989<br>1 tr 0440 W22AJ 22 IL 141<br>( See Note # 1 )<br>0457 TVO on 15,28,42<br>CBLFT21 23 ON<br>0511 CITO 11 ON<br>(Good signal)<br>0523 CITO9 10 ON 418<br>(CTV // CITO wk)<br>0543 TVO on ch 49<br>Es 1418 unids chs 2-6 nw<br>KWSE 4 ND 811<br>CBKFT2t 3 SK<br>1500 Most E skip gone<br>followed by au<br>2148 E skip returns<br>unid ch 2+ nw<br>tr 2230 CICO19 19 ON 350<br>2 Es 1035 unids chs 2-6 w<br>1100 KCNC 4 CO<br>KDUH 4 NE<br>KTVSt 3 CO<br>KOTAt 3 SD<br>KREG 3 CO<br>KIDK 3 ID<br>1130 KTVXt 4 UT<br>1134 KXLYt 4 WA<br>KTWOt 2 WY<br>1159 KCWC 4 WY<br>1230 KSWK 3 KS<br>(ID with KOOD-9)<br>1258 KTVY 4 OK<br>1648 KPRC 2 TX 1117<br>KATCt 3 LA<br>KTBS 3 LA 910<br>KJAC 4 TX<br>1656 KALBt 5 LA<br>KFDMt 6 TX<br>WBRZt 2 LA<br>WLBt 3 MS<br>1900 KBTX 3 TX |

Note # 1 - 07/01 @ 0440 - ID in Morse code twice in succession at 0452 but audio way down.

W22AJ runs 24 hours a day with 3/4 color bars. This has been going on since June 3 when I first saw them; no programs. W46AR runs an ID slide which amounts to 3/4 color bars with call, location, and "Weigel Broadcasting." They aren't on 24 hours a day. I haven't figured out the schedule yet. No programs on them either. W24AI is 24 hours a day with TBN satellite programming.

Also, note that WPNE-38 is on channel 54 in Iron Mountain, Michigan. They were dropped about a year or so ago when they used to be on channel 69 (I think) in favor of WNMU-13. Then they had a channel "shake up" and WPNE was left out. Now they are back on channel 54 there.

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

CDT

Equipment:

Sylvania 12" black and white, quad loops cut for channels 2-6.

|            |                |                    |                |                              |
|------------|----------------|--------------------|----------------|------------------------------|
| June 1989  | 18 Es 1230     | KSNL 2 KS 735      | 23 Es 2100     | WFRV 5 WI 990                |
| 10 Es 1400 | unids chs 2, 3 | 1259 KOAA 5 CO 990 | 2102           | WISC 3 WI 890                |
|            | Spanish        | (MUF 107.9+ MHz)   | 24 Es 1359     | KACV 2 TX 755                |
| 12 Es 2020 | unid ch 2 NBC  | 1358 unid ch 3 CBS | 28 Es 1945     | unids chs 2, 3               |
|            | unid ch 3 CBS  | unid ch 5 ABC      | 30 Es 2029     | KENW 3 NM 820                |
| 15 Es 1915 | unid ch 3 ABC  | 20 Es 2120         | unids chs 2, 3 |                              |
| 17 Es 1858 | unid ch 5 XEW  | 23 Es 1958         | WBAY 2 WI 990  | June 1989 (Vail CO DX - MDT) |
| 18 Es 1159 | KHAS 5 NE 850  | WTSCt 3 WI         | .1 Es 2129     | unids 2 NBC, CBS             |

Jeff Kruszka (continued)

As you can see, my DX report has dropped in size considerably. DX is going to be a lot more challenging here than I thought. For one thing, I underestimated the strength of WBRZ-2 here in New Orleans. It's in with a moderate signal strength daily, but it's very difficult to override the video (with just my quad loops) when E skip comes in. The audio of an E skip station will sometimes come in very clearly, as it did on the 10th, when a Mexican (?) could be heard on channel 2 - can you explain? I will probably be spending more time FM DX'ing this year, when it's in.

I brought my "DX machine" (the portable black & white) along when I drove from Richland to New Orleans. It was a fairly interesting drive until I got to Texas - from there, it was as if the landscape never changed from one mile to the next. I stopped at Burley, Idaho; Vall, Colorado; Vernon, Texas; and Orange, Texas and checked out the DX each night, but only saw E skip in Vall. Speaking of Colorado, the "I-70 corridor" (as they call it) from Grand Junction to Denver is really beautiful - especially around the Glenwood Springs area.

Best of Es, Jeff

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

PDT

Equipment:

Archer antennas: 15-8227 (VU 210 U.S.) on Channel Master Crown rotor 5 feet above roof. UHF model U-120 10 feet above roof. Archer amplifier model 15-1113, adj. 10-20 dB. Both mounted on separate chimneys (straps). Electrohome VCR VHS, Sony colour TV model KV1215, Philips converter model CT3600 which has separate inputs for cable, VHF and UHF, stereo.

(See Dave's comments about his equipment following his report. fm)

|            |               |                     |                    |                |
|------------|---------------|---------------------|--------------------|----------------|
| May 1989   | 18 Es 1900    | unid ch 3 CBS       | 19 Es 2030         | KVBC 3 NV 996  |
| 22 Es 1100 | KCRA 3 CA 757 | 1903 unid channel 5 | 2031 unid ch 3 CBS |                |
| 28 tr 0630 | KATU 2 OR 252 | (Over KING-5)       | 2100               | KRON 4 CA 789  |
|            |               | 1904 KLBY 4 KS 1269 | 20 tr 0630         | KATU 2 OR 252  |
|            |               | (Over KOMO-4)       | 28 tr 0219         | KATU 2 OR 252  |
| June 1989  | 18 Es 1100    | KCRA 3 CA 757       | 19 Es 2000         | KTVK 3 AZ 1231 |
|            |               |                     |                    | Es 0234        |
|            |               |                     |                    | KTVU 2 CA 789  |

Channel 2 received after CBUT-2 Vancouver signed off. Channel 3 received over CBUT-2 rebroadcaster at Chilliwack, British Columbia, 56 miles east, 590 Watts erp.

(Regarding the Archer 15-8227 antenna) - This new all channel antenna when split between VHF and UHF has noticeable signal loss on distant fringe (Seattle-Tacoma) stations. The signal loss is equally noticeable when compared with all of Radio Shack's splitters. The signal strength on fringe stations is noticeably better when the 5 ohm wire is connected directly to the VHF or UHF terminal. I have written to Radio Shack to enquire why there is so much loss. Possibly other brands of signal splitters are considerably better than Archer. If anyone has had a similar problem and been able to correct it or has had experience with other brands of splitters and/or compared different brands of all-channel antennas I would be interested in hearing from you.

(Regarding the converters - The Electrohome converter has noticeably better adjacent channel rejection of local VHF over adjacent distant VHF than the Philips converter.

(Dave, I assume you are working with VHF-UHF separators. I try to use the designation splitter for a non-frequency selective device. If by chance you are using a standard signal splitter, I suggest you try a VHF-UHF separator (sometimes called a band splitter) as a two way signal splitter will exhibit a minimum of 3 dB signal attenuation. I would think a good VHF-UHF separator would exhibit no more than .5 dB attenuation at VHF and no more than 1 dB at UHF. Perhaps, I don't understand your application? fm)

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

PDT

Equipment:

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

June has started out very shaky. I was really concerned the first part of the month about TV-DX for 1989. But, on June 20th a very nice opening occurred...finally!

Randy Miltier (continued)

This opening was followed by two more on June 24 and 26. New to this season are KACV-2 and KSWK-3. I think these two are going to be regular pests here.

I finally pulled a new station out over local KPIX-5 and it was just plain luck. I use a small 12" Zenith with a simple dipole antenna laying on the floor to monitor the local channel - I happened to look at it when I saw KOAA-TV appear on the screen, - the big set was totally scrambled.

I have two mystery stations for June. Number 1 was a Spanish speaking station on channel 6 that ID'ed with a 7 and Imevision and had a commercial that mentioned San Angel (San Angelo, TX...KIDY??). Number two was on channel 4 - "STV News Update" appeared on screen. John Jefferson was receiving Canada about the same time this appeared...ideas?

| June 1989  | 19 Es 2059     | KIDkt 3 ID | 24 Es 0905       | KAMR 4 TX 1125 |
|------------|----------------|------------|------------------|----------------|
| 1 Es 2133  | unids chs 2-4  |            | 0906             | KENW 3 TX 1060 |
| 2 Es 0830  | KSNW 3 KS 1335 | 1322       | XHQ 3 SI         | 1000           |
| 0840       | unid ch 3 PBS  |            | unid 2 Spanish   | 1026           |
| 1056       | KACvt 2 TX     | 1405       | (Imevision -"7") | 1038           |
| 1100       | KNMZ 2 NM 861  | 1430       | unid 4 Spanish   | unid ch 5 PBS  |
| 1359       | KENW 3 NM 1060 | 1435       | KDBC 4 TX 957    | 1100           |
| 1430       | KACV 2 TX 1125 | 1442       | unid 2 Spanish   | 1118           |
| 6 Es 2032  | XEPMT 2 CH XEW | 1443       | KVIOT 6 NM       | 1128           |
| 2035       | unid ch 4 CBS  | 1453       | KENW 3 NM 1060   | 1129           |
| 2037       | unid ch 3 NBC  | 1500       | unid ch 5 PBS    | 1142           |
| 2044       | unid 2 Spanish | 1500       | KUAT 6 AZ 719    | 1200           |
| 2105       | unid 3 Spanish | 1531       | KNMZ 2 NM 861    | 1228           |
| 14 Es 0728 | unid channel 3 | 1600       | KREGT 3 CO       | 26 Es 1601     |
| 0730       | unid ch 3 PBS  | 1625       | KTWO 2 WY 905    | 2000           |
| 0829       | unid ch 2 PBS  | 1640       | unid channel 4   | 2010           |
| 0900       | KSNWt 3 KS     | 1656       | KOTA 3 SD 1082   | 2015           |
| 0953       | unid channel 2 | 1800       | KTVS 3 CO 1039   | 2025           |
| 15 Es 1811 | unids chs 2-6  | 1833       | KENW 3 NM 1060   | 2026           |
| 16 Es 0840 | unid channel 2 | 1834       | KUATt 6 AZ       | 2028           |
| 0900       | XEPMT 2 CH XEW | 1841       | KVIO 6 NM 1048   | 2040           |
| 0912       | KBSD 6 KS 1182 | 1922       | unid ch 6 NBC    | 2042           |
| 0930       | unid channel 5 | 2002       | unid ch 2 CBS    | 2043           |
| 0950       | KLBY 4 KS 1122 | 2028       | unid channel 4   | 2129           |
| 0959       | KSWK 3 KS 1125 | 2056       | KENW 3 NM 1060   | 2130           |
| 19 Es 1956 | KLNE 3 NE 1225 | 2100       | unid ch 3 NBC    | 2155           |
| 2005       | KSNW 3 KS 1335 | 2229       | KWOP 2 NE 1163   | 2227           |
| 2016       | KMIDt 2 TX     | 2234       | unid ch 3 CBS    | 27 Es 2100     |
|            |                | 21 Es 1820 | KSWkt 3 KS       | unid chs 2, 3  |
|            |                | 2247       | unid channel 2   | 30 Es 2235     |
|            |                |            | unid channel 3   | 2247           |

(With regard to your "STV" on channel 4 - this has been reported in the past as CFSK-TV in Saskatoon. fm)

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509 PDT

Equipment:

JVC AH-7200U VCR as tuner (with Hitachi CT-932 as monitor) fed by a Channel Master UHF Quantum 4257 @ 35' and a Channel Master VHF/FM Quantum 1110 @ 32' on the same mast. Separate downleads with a Channel Master booster on the UHF. Bohsei black and white fed by a Radio Shack V185 in the garage @ 7' and aimed east southeast.

Mixed reviews for June. Lots of openings, but not many good ones. To date the best opening was back on May 18. And mixed feelings about the new QTH as well. No question that channel 2 is more open than before - I'm getting some stable E skip pictures, where in Pleasanton I'd usually have a losing battle with KTVU - but KCRA-3 and KVIE-6 (under 15 miles from here) close off the northeast and north on the lowband. I think I'll have to start using traps to abate the nuisance - an interesting thing for a KVIE subscriber to consider! Also, there's intermittent interference on channel 5 - as though KVIE weren't enough!

As always, new would be underlined if there were any; \* means new to Antioch.

| May 1989   | 20 Es 1500      | *KSNK 2 KS 1225 | 21 Es 2156      | *CFAC 2 AB 1005 |
|------------|-----------------|-----------------|-----------------|-----------------|
| 18 Es 1709 | *XHI 2 SI 1040  | 1529            | *KLBY 4 KS 1125 | 31 Es 2014      |
| 1730       | *XHBS 4 SI 1160 | 2020            | KSNK 2 KS 1225  | *KTVY 4 OK 1355 |
|            |                 |                 |                 | 2024            |
|            |                 |                 |                 | *KAMR 4 TX 1115 |

John Jefferson (continued)

May 1989

|            |                |      |                 |
|------------|----------------|------|-----------------|
| 31 Es 2030 | KACV 2 TX 1115 | 1230 | KACV 2 TX 1115  |
| 2132       | XEPMT 2 CH XEW | 1305 | *KJRH 2 OK 1425 |
|            |                | 1403 | KSNK 2 KS 1225  |

June 1989

|           |                |            |                |
|-----------|----------------|------------|----------------|
| 6 Es 2033 | KMID 2 TX 1175 | 2231       | *KWGN 2 CO 905 |
| 2156      | *XEPM 2 CH 970 | 21 Es 0100 | KNMZ 2 NM 890  |

|            |                |            |                      |
|------------|----------------|------------|----------------------|
| 12 Es 2000 | XEPMT 2 CH XEW | 21 Es 1756 | unid ch 3 Texas?     |
| 17 Es 1847 | *KNMZ 2 NM 890 |            | (TX weather map)     |
| 18 Es 0946 | KNMZ 2 NM 890  | 24 Es 0929 | KMID 2 TX 1175       |
|            |                |            | 1159 KACV 2 TX 1115  |
|            |                | 25 Es 1029 | XEPM 2 CH 970        |
|            |                | 26 Es 1945 | KDBCt 4 TX           |
|            |                | 27 Es 2001 | KXMat 2 ND           |
|            |                |            | 2200 KNMZ 2 NM 890   |
|            |                |            | 2331 unid ch 2 n NBC |

The last is puzzling. The only NBC station I show in that direction is KOTI, Klamath Falls, at 300+ miles. Too close for skip and the signal was too strong for tropo from there. With the antenna off-tuned to the northwest to avoid KCRA I had a readable picture! Has someone in Washington switched to NBC?

Here's the MUF breakdown:

| DATE  | MUF   | TIME | DATE  | MUF  | TIME | DATE  | MUF  | TIME | DATE  | MUF   | TIME |
|-------|-------|------|-------|------|------|-------|------|------|-------|-------|------|
| 05/13 | 4     | 0853 | 05/26 | 3    | 1947 | 06/06 | 89.7 | 2005 | 06/19 | 5     | 2016 |
| 05/14 | 2     | 1810 | 05/27 | 99.5 | 0949 | 06/08 | 4    | 2120 | 06/20 | 107.5 | 1837 |
| 05/15 | 2     | 0744 | 05/29 | 90.3 | 2012 | 06/09 | 4    | 0729 | 06/21 | 5     | 0043 |
| 05/16 | 2     | 1127 | 05/30 | 4    | 2159 | 06/11 | 2    | 1044 | 06/22 | 2     | 2226 |
| 05/18 | 107.9 | 1853 | 05/31 | 4    | 2021 | 06/12 | 5    | 1956 | 06/24 | 107.9 | 1027 |
| 05/19 | 2     | 0818 | 06/01 | 93.9 | 2139 | 06/14 | 4    | 0702 | 06/25 | 2     | 1024 |
| 05/20 | 5     | 1512 | 06/02 | 4    | 0655 | 06/15 | 90.5 | 1806 | 06/26 | 98.7  | 2005 |
| 05/21 | 95.9  | 2334 | 06/03 | 2    | 1958 | 06/16 | 4    | 0818 | 06/27 | 97.9  | 2022 |
| 05/24 | 100.7 | 2249 | 06/04 | 2    | 1051 | 06/17 | 5    | 1614 | 06/28 | 2     | 2131 |
| 05/25 | 4     | 0711 | 06/05 | 2    | 0845 | 06/18 | 4    | 1000 | 06/29 | 4     | 1812 |

Guess that's it for now. Hope everyone had an exciting July. That month owed us one after last year!

(John, with regard to your report of NBC on channel 2 at 2331 MDT on June 27 - I am wondering if that may have been CFAC. My June 29 logging of CFAC at 2349 MDT had the Johnny Carson Show with Jay Leno as guest host. Is that the programming you noted? fm)

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CDT

June 1989

|                       |                  |                          |                  |                        |                 |
|-----------------------|------------------|--------------------------|------------------|------------------------|-----------------|
| 12 Es 2316            | unid ch 2 CBS    | 30 Es 2100               | KIII 3 TX 1328   | 4 Es 1730              | KTBS 3 LA 990   |
| 2359                  | WBRZ 2 LA 1185   |                          | KDIN 2 TX 985    | (MUF 95.9 @ 1748- MS)  |                 |
| 13 Es 2058            | WLBT 3 MS 1070   | 2129                     | unid ch 2 Mexico | 1800                   | KALB 5 LA 1115  |
| (MUF 93.1 @ 2115- LA) |                  | 2159                     | WPSX 3 PA 990    | (MUF 107.9 @ 1825- AR) |                 |
| 2118                  | unid ch 5 NBC    | 2200                     | WFMY 2 NC 1150   | 1830                   | KFSM 5 AR 795   |
| 2221                  | KFDX 3 TX 900    | 2208                     | unid ch 2 French | (MUF 107.9 @ 1855- MS) |                 |
| 16 Es 0957            | unid ch 2 Mexico | 2217                     | unid ch 4 French | 1922                   | WKRG 5 AL 1215  |
| 24 tr 0610            | K31BT 31 MN 125  |                          | over KXJB-4      | (MUF 91.5 @ 1945- AL)  |                 |
| (Appleton KVR-15)     |                  | 2225                     | CHAU 5 PQ 1425   | 5 Es 2007              | CKVrt 3 ON      |
| 0807                  | K33CI 33 MN 175  |                          | (MUF 92.5-2313)  | (MUF 95.5 @ 2042- NY)  |                 |
| (Olivia KITA-29)      |                  | 2356                     | CFCL# 2 ON 805   | 2133                   | WNEM 5 MI 670   |
| 0815                  | K31CG 31 MN 175  |                          | unid ch 3 French | 2159                   | WDTV 5 WV 985   |
| (Olivia KTMa-23)      |                  | 2358                     |                  | 2210                   | WBTv 3 NC 1140  |
| 0844                  | WLAXt 25(MN)     |                          |                  | 7 tr 0758              | WQRF 39 IL 490  |
| WQOWt 18 WI ABC       |                  | 1 Es 1345                | hvy CCI o/KXJB-4 | 0759                   | KLJB 18(IL) 500 |
| WHWct 28 WI           |                  | 1353                     | CFCL# 2 ON 805   | 0808                   | KOGR 28 IA 425  |
| 26 Es 2024            | KNAZt 2 AZ       | 2132                     | KPRC 2 TX 1195   | 0816                   | WIFRt 23 IL     |
| 2127                  | KUTVt 2 UT       | 2 Es 0044                | KMIDt 2 TX       | 0829                   | unid channel 19 |
| (MUF 92.5 @ 2149- OR) |                  | 3 tr 0819                | K26CS 26 MN 225  | 0831                   | NTVPT 47 IL     |
| 27 Es 2029            | WBRZ 2 LA 1185   | (St. James LPTV)         |                  | 0836                   | KCCI 8 IA 385   |
| 28 Es 0107            | KTVKt 3 AZ       | (Travel Channel)         |                  | 0846                   | K41ADt 41 IA    |
| 29 Es 1031            | WTKR 3 VA        | 0842                     | K38CD 38 MN 225  | 0849                   | WQAD 8 IL 500   |
| (Halstad MN logging)  |                  | (St. James LPTV)         |                  | 0853                   | WMBDt 31 IL     |
| 30 AE 0123            | unids chs 2, 3 w |                          |                  | 0844                   | KQUB 40(WI) 425 |
| 0142                  | CBKFT2 3 SK 590  | 0845                     | K40BU 40 MN 225  | 0858                   | KJMH 26 IA 505  |
| 0143                  | CKSat 2 AB       | (St. James LPTV)         |                  | Es 0930                | unid channel 2  |
| 0149                  | CFAC 2 AB 840    |                          |                  | 1000                   | KDTN 2 TX 985   |
| Es 1749               | unid ch 2 Mexico | Es (MUF 92.5 @ 2055- TX) |                  | tr 1156                | KDSM 17 IA 385  |
| 1824                  | unid ch 2 PBS    | 2059                     | KPRC 2 TX 1195   | Es 1329                | WRBL 3 GA 1190  |
| 2029                  | KBTX 3 TX 1120   | 2100                     | KBTX 3 TX 1120   | (MUF 88.1 @ 1429- SC)  |                 |
|                       |                  | 4 tr 0758                | KTIN 21 IA 305   | 1459                   | WRAL 5 NC 1215  |

# EASTERN TV-DX

EDITOR: John P. Comba, 1308 Willow Branch #24, Jacksonville FL 32205

Reports from TV-DXers in the states of AL, CT, DC, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT & WV, the provinces of NB, NF, NS, ON, PEI & PQ, and all of the Carriibbean.

**AUGUST 1989** Next Deadline: September 1st  
 E-skip levels in May and June were far below our hopes and expectations. The only really decent openings seem to have taken place May 14, May 30 and June 18. There was also an unusual wee-hours opening on June 11, lasting until at least 0300 EDT with an MUF of at least 88 mHz. Matt Sittel, as usual, saw far more at his Kingsport TN home QTH than any of the rest of us. He points out that many of the openings he saw were late-morning openings, and those of us with work/school/family obligations in that time period may view the season as worse than it really is.

The usual dismal summertime tropo levels prevailed... unless you were in one of those legendary DX spots like the Outer Banks of North Carolina. Former WTPDAer Jim Alexander vacationed there in June, and phoned to report great coastal tropo, culminating in his logging most of the Miami area U's on the evening of 6-15. This is a distance of around 750-800 miles. Hopefully, we'll have a full report on this tropo in next month's column. Also, Roy Barstow checks in from his Cape Cod shack with details of another great Maritimes tropo opening, and Roy calls this one "a humdinger" and the "best ever."

Bob Timmerman, 1210 Desoto Ct., Auburn IN 46706

| APRIL 1989   | MAY 1989   | JUNE 1989  |
|--|--|--|
| 24 Tr 0104 W48AP Toledo OH<br>"Hometown TV" (LPTV) | 30 Es 2040 WPMY-2 NC 472<br>2041 WRAL-5 NC 527<br>2100 WUNC-4 NC 496<br>2228 KWGN-2 CO 1063<br>2246 KNOP-2 NE 813<br>2306 KTWO-2 WY 1093<br>2000 KACV-2 TX 998<br>2000 KAMR-4 TX 998<br>2200 KTXI-5 TX 1065<br>2300 KMID-2 TX 1145<br>2314 KWGN-2 CO 1063<br>29 Tr 0015 WKOW-27 WI 255<br>30 Es 2030 WWAY-3 NC 624 | 4 Tr 0900 WGEM-10 IL 342<br>8 Es 1230 KTHO-2 SD 1093<br>1230 KOTA-3 SD 940<br>10 Es 0115 CKND2-2 MB 949<br>11 Es 0230 CJRT-2 PQ 927<br>0230 CBGAT14-2 <sup>1</sup> PQ<br>0238 CJCB1-6 <sup>2</sup> NS<br>13 Es 1200 WPBT-2 FL 1099<br>2212 KMID-2 TX 1145<br>14 Es 1128 WESH-2 FL 883<br>1129 WJXT-4 FL 790<br>1130 WEDU-3 FL 972<br>1130 WPBT-2 FL 1099 |

<sup>1</sup> The last time I received a CBGAT station, the color bars read "CBGAT MATANE." This one did not have "MATANE." CBGAT22? (Since both CBGAT14 and CBGAT22 repeat CBGAT-6 Matane, they should run the same TP. The only way to tell which one you're seeing is through offset: CBGAT14 is + ---jfc) <sup>2</sup> The color bars clearly read "CJCB SYDNEY," so it must be CJCB1-6, only 9.4 khz according to the data base. A rare late night opening! (I have rarely seen wee-hours skip rise much above ch. 2 or 3. The unusually high MUF for the hour, combined with the low power of the xmtr, make this a rare logging indeed! ---jfc)

I'm recovering from a wrist-fusion operation, so I have had plenty of time to DX. There have been many skip openings, but several have been obscured by groundwave interference.

Charles Gauthier, 3260 Beaulieu, Brossard PQ J4Z 2P7

| MAY 1989   | JUNE 1989  |
|--|--|
| 27 Tr 0012 WXXI-21 NY 261<br>0012 WUHF-31 NY 261<br>31 Es 2304 WTVY-4 (FL)1227<br>2310 WJXT-4 FL 1166<br>2312 WSAV-3 GA 1014 | 11 Es 0148 CBWT2-4 MB 1170<br>0221 KDLH-3 MN 921<br>0239 WCCO-4 MN 983<br>0300 WBAV-2 WI 727<br>12 Es 1803 CJCN-4 NF 930<br>1805 CJAP-3 NF 950<br>19 Es 2323 WTVY-4 (FL)1227 |

I've seen better months of June! That overnight skip opening on the 11th was a nice surprise, though! I wish it would happen more often. (So do I, Charles. There are many weeks when that's the only time I'm home, hi---jfc) 73's and super DX! Charles.

Jeff Falconer, Box 63, Clinton ON N0M 1L0

| MAY 1989   | JUNE 1989   |
|--|---|
| 22 Es 1159 WBRZ-2 LA 1060<br>30 Es 1757 KARK-4 AR 845<br>1800 KTBS-3 LA 1009<br>1924 KJRH-2 OK 914<br>2058 KETS-2 AR 851<br>2100 WNL-4 LA 1055<br>31 Tr 1826 WNDU-16 IN 277<br>1827 WXMI-17 MI 214 | 31 Es 1958 unID-3 NBC "KY3" [It's KYTV-3---jfc]<br>1959 KOET-3 OK 938<br>Tr 2243 WTLW-44 OH 294<br>Tr 2300 WPSX-3 <sup>2</sup> PA 231<br>3 Tr 0004 WUHQ-41 MI 213<br>0030 W67AL OH<br>0100 W64AK OH<br>7 Ms? 1804 WGBH-2 <sup>1</sup> MA 525<br>15 Es 1558 unID-3 NBC<br>1558 unID-3 NBC<br>1600 WESH-2 FL 522<br>1600 WPBT-2 FL 735<br>"as WESH f/out, WPBT f/in right on the hour-night!"<br>1604 unID-3, COI on 5<br>7 Es 2201 unID-2 SS<br>2206 unID-3 NBC<br>8 Es 1120 unID-2, 3, 4<br>1129 CKRN-4 PQ 822<br>1159 KDLH-3 MN 868<br>1159 CBWT-2-4 MB 1165<br>1225 unID-6<br>1228 CHFD-4 ON 898<br>1259 KXJB-4 ND 1065<br>1259 CBWFT-3 MB 1187<br>11 tr 0207 WAGA-5 GA 211<br>Es 1818 unID-3<br>12 Es 1221 KIII-3 TX 1069<br>1229 KMOL-4 TX 1037<br>1329 KACB-3 TX 1077<br>2059 unID-2 ABC, 2 SS, 4<br>2104 unID-3 NBC<br>13 Es 1258 KGBT-4 TX 1146<br>14 Es 1105 unID-2 NBC, 2 ABC, 3 CBS, 3 ABC, 3 PBS, 4 CBS<br>1158 KFDX-3 TX 922<br>1159 KPRC-2 TX 888<br>1204 KIII-3 TX 1069<br>1205 unID-3, 3 NBC, 4 NBC, 4 CBS<br>1235 unID-2<br>1239 KAMR-4 TX 1083<br>1928 TV6-3 Cuba<br>1956 unID-2, 3, 3, 4, 6<br>1959 WEDU-3 FL 593<br>2029 WPBT-2 FL 735<br>2358 KATC-3 LA 721 |

1 Faded up for 15 seconds: fund-raising w/phone # and calls on screen. No Es noted at the time, so probably Ms. (Or a momentary "spike" in the Es MUF---jfc)  
 2 PBS station with several mentions of PA. Had promo for some event in State College. (That's them---jfc)

Some nice Es has been seen already. WGBH is new state and first TV Ms reception. 73, Jeff.

## EASTERN TV-DX

Matt Sittel, 220 Brookfield Drive, Kingsport, TN 37663

AUGUST 1989

### MAY 1989

|                                     |   |   |
|-------------------------------------|---|---|
| 27 Es 1401 unID-2, 4<br>1740 unID-3 | 28 Es 2143 WDIV-4 MI 418<br>2059-2200 8 unIDs, incl.<br>MCTV on 3, R-C on 3 | 31 Es 1133 unID-2, 3, 4, 6 NBC<br>1158 KMOL-4 TX 1037<br>1159 KBTX-3 TX 877<br>1959 KMTV-3 NE 800<br>2027 KDUH-4 NE 1172<br>2033 unIDs-2 NBC, 3 ABC, 6 ABC<br>CCI noted on 5 behind WCYB<br>2058 KSNB-4 NE 872<br>2059 KLNE-3 NE 955<br>2131 KTVS-3 CO 1142<br>2234 unID-2 NBC, 364 PBS, 3 CBC<br>2331 unID-2&3 // FF<br>2341 CFCM-4 PQ 916 |
|-------------------------------------|---|---|

### JUNE 1989

|  |  |
|--|--|
| 2 Es 2158 unID-3 CBS<br>2300 KIII-3 TX 1069<br>2300 KMOL-4 TX 1037 | 6 Es 1558 unID-3 w/ 3/4 CB TP<br>1600 WESH-2 FL 522<br>1600 WPBT-2 FL 735<br>"as WESH f/out, WPBT f/in right on the hour-night!"<br>1604 unID-3, COI on 5<br>7 Es 2201 unID-2 SS<br>2206 unID-3 NBC<br>8 Es 1120 unID-2, 3, 4<br>1129 CKRN-4 PQ 822<br>1159 KDLH-3 MN 868<br>1159 CBWT-2-4 MB 1165<br>1225 unID-6<br>1228 CHFD-4 ON 898<br>1259 KXJB-4 ND 1065<br>1259 CBWFT-3 MB 1187<br>11 tr 0207 WAGA-5 GA 211<br>Es 1818 unID-3<br>12 Es 1221 KIII-3 TX 1069<br>1229 KMOL-4 TX 1037<br>1329 KACB-3 TX 1077<br>2059 unID-2 ABC, 2 SS, 4<br>2104 unID-3 NBC<br>13 Es 1258 KGBT-4 TX 1146<br>14 Es 1105 unID-2 NBC, 2 ABC, 3 CBS, 3 ABC, 3 PBS, 4 CBS<br>1158 KFDX-3 TX 922<br>1159 KPRC-2 TX 888<br>1204 KIII-3 TX 1069<br>1205 unID-3, 3 NBC, 4 NBC, 4 CBS<br>1235 unID-2<br>1239 KAMR-4 TX 1083<br>1928 TV6-3 Cuba<br>1956 unID-2, 3, 3, 4, 6<br>1959 WEDU-3 FL 593<br>2029 WPBT-2 FL 735<br>2358 KATC-3 LA 721 |
|--|--|

### JUNE 1989

|   |
|---|
| 16 Es 0004 KIII-3 TX 1069<br>0005 unID-2 PBS, 2, 4 CBS<br>0014 KPRC-2 TX 888<br>0030 unID-3 NBC, 4<br>0034 unID-3 CBS<br>1059 WEDU-3 FL 593<br>1059 unID-2, 4 // w/ 3/4 CB TP<br>1159 WNL-4 LA 627<br>1249 unID-2, 6 NBC<br>1259 KBTX-3 TX 877<br>17 Es 1400 unID-2 Dom. Rep.<br>18 Es 1104 KRIS-6 TX 1065<br>(had 3/4 CB TP on w/calls!)<br>1200 KIII-3 TX 1069<br>1235 KGBT-4 TX 1146<br>1258 XHRIO-2 TA 1145<br>1429 unID-2, 3 CBS, 3 w/TP, 4 NBC<br>1445 KFDX-3 TX 922<br>19 Es 1129 WLBZ-2 ME 920<br>1130 unID-4<br>1159 CBHT-3 NS 1133<br>1216 unID-2<br>1216 WFSB-3 CT 634<br>20 Es 1329 KOET-3 OK 724<br>1329 KFDX-3 TX 922<br>1359 KPRC-2 TX 888<br>1459 KSWK-3 KS 1039<br>1530 KTVY-4 OK 839<br>1559 KBY-4 KS 1044<br>1602 unID-3 FF<br>1629 KSNB-2 KS 901<br>1629 KCNC-4 CO 1252<br>1659 KLNE-3 NE 955<br>1659 unID-3<br>21 Es 1059 WPBT-2 FL 735<br>1100 unID-3, 4 w/TPs<br>3/4 CB on 3, 4 same w/music<br>1431 unID-6 w/ 3/4 CB TP<br>22 Es 2002 unID-2<br>23 Es 1229 KIII-3 TX 1069<br>1959 KLNE-3 NE 955<br>1959 KSNB-4 NE 872<br>1959 KACV-2 TX 1116<br>1959 unID-2 NBC<br>2029 KLBV-4 KS 1044<br>2058 KENW-3 NM 1210<br>2059 KOET-3 OK 724<br>2059 KAUZ-6 TX 921<br>2138 KDFW-4 TX 864<br>2156 KACB-3 TX 1077<br>2211 unID-5 NBC behind WCYB<br>24 Es 1259 XHRIO-2 TA 1145<br>1259 KIII-3 TX 1069<br>1359 KOET-3 OK 724<br>1429 KACV-2 TX 1116<br>1429 unID-2 NBC<br>1455 unID-3 NBC<br>1459 KSWK-3 KS 1039<br>25 Es 1330 unID-2, 3 CBS<br>1359 CFCM-4 PQ 916<br>2000 unID-2 NBC |
|---|



Hope things are skipping for everyone by now. Conditions fairly consistent through June so far. 15 consecutive days of Es, 6/11-25. Not many big openings, but almost daily DX. I've logged 7 new ones this season; only 6 new logged in 1988. Another PBS-3 in the midwest! Now, while you try to distinguish among KENW, KOET, KLNE and KBNE, you can add KSWK to it! It is in Lakins KS and IDs with KOOD-9 Hays. Lots of short skip noted, especially on 5/30 with WDIV-4 in for quite awhile. WSJK-2 s/on early every day--good for other DXers trying to catch it, bad for me trying to work around it! I'll be back in Raleigh for school after 8-19, so use POB #1441, Raleigh NC 27607 after that date. Great DX to all, 73's, Matt.



| Roy Bryant, POB 488-T, Teaticket MA 02536 |                        | MAY 1989 |                                    | MAY 1989  |   | MAY 1989 |  |
|---|------------------------|----------|------------------------------------|-----------|---|----------|--|
| 19 Tr                                     | 2200 WMDT-47 MD 345    | 20 Tr    | 0222 CBHT-3 NS 408                 | 25 Tr     | Same as May 22, with:                                   |          |  |
|   | 2200 WCPB-28 MD 345    |          | 0224 CBHFT6-58 NS 324              |           | 2230 WUNJ-39 NC 660                                     |          |  |
|   | 2200 WB0C-16 (DE) 341  |          | 0312 CJCH1-10 NS 398               |           | 2230 WUNM-19 NC 577                                     |          |  |
|   | 2230 WTVZ-33 VA 457    |          | 0314 CBHFT-13 NS 408               |           | 2230 WGSE-43 ? SC T                                     |          |  |
|   | 2230 WYAH-27 VA 455    |          | 0315 CBAPT-11 NB 423               |           | 2330 WRLH-35/WOFL-35 ? T                                |          |  |
|   | 2230 WHRO-15 VA 457    |          | 0320 CBHFT1-3 NS 279               |           | 2330 WTVX-34 ? FL T                                     |          |  |
| 20 Tr                                     | 0105 WHSV-24 MD 361    |          | 0347 CBHFT2-7 NS 535               | 26 Tr     | 0110 WJKA-26 NC 660                                     |          |  |
|   | 0110 WYAC-53 NJ 250    |          | 0405 CJCB2-9 NS 498                | 29 Tr     | (PM) Eastern MD & VA                                    |          |  |
|   | 0112 CBHFT5-46 NS 377  |          | 0700 CKLT-9 NS 345                 | 30 Tr     | 0120 WNUV-54 MD 361                                     |          |  |
|   | 0117 W148B DE 330      |          | 0701 CBHT6-8 NS 377                |           | 0120 WBFF-45 MD 354                                     |          |  |
|   | Newark (WGCB-49)       |          | 0705 CBHT3-11 NS 279               |           | 0120 WHSW-24 MD 361                                     |          |  |
|   | 0127 CBHT7-52 NS 324   |          | 0709 CBHT18-24 NS 315              |           | 0140 WVIR-29 VA 486                                     |          |  |
|   | 0145 CBAPT5-31 PEI 481 |          | 2100 WTVZ-33 VA 457                | 31 Es     | 2100 WDTN-2 OH 726                                      |          |  |
|   | 0148 CBHT11-12 NS 535  |          | 2100 WYAH-27 VA 455                |           | 2155 KTVO-3 MO 1118                                     |          |  |
|   | 0150 CIHF-8 NS 408     |          | 2100 WHRO-15 VA 457                |           | 2315 KMTV-3 NE 1311                                     |          |  |
|   | Halifax (3/4 cb)       |          | 2130 WUNM-19 NC 577                | JUNE 1989 |   |          |  |
|   | 0150 CIHF2-11 NS       |          | 2230 WMDT-47 MD 345                | 12 Es     | 1200 WSIL-3 IL 1007                                     |          |  |
|   | 0200 CJCB-4 ? NS T     |          | 2230 WJ0C-16 DE 341                | 13 Es     | 2300 WEAR-3 (AL)1209                                    |          |  |
|   | 0209 WCTI-12 NC 577    |          | 2230 W41AC VA 380                  | 16 Tr     | 1830 WMC6-34 NY 277                                     |          |  |
|   | 0209 CIHF2-12 NS       |          | Onancock (WAVY-10)                 | 18 Tr     | (PM) UHF from eastern VA and NJ incl: Onancock xtrs 390 |          |  |
|   | 0214 CBHFT8-34 NS 315  |          | 2254 WKFT-40 ? NC T                | 20 Tr     | 0130 WRLH-35 VA 471                                     |          |  |
|   | 0215 CIHF2-27 NS       |          | ACTS network <sup>1</sup>          |           | 0145 WHSW-24 MD 361                                     |          |  |
|   | 0220 CJCH-5 NS 408     | 21 Tr    | 0105 CBHT2-7 NS 308                | 26 Tr     | 0905 WTV6-51 PA 289                                     |          |  |
|   | under Boston           |          | 0150 WO8-- (shopping) <sup>2</sup> |           | 1000 WLV7-39 PA 261                                     |          |  |
|   | 0220 CJCH6-6 NS 336    |          | MD 28, 47; (DE)16;                 |           |   |          |  |
|   | 0221 CKCW-2 NB 412     | 22 Tr    | ---- MD 28, 47; (DE)16;            |           |   |          |  |
|   | listing all outlets    |          | VA 15, 33, 27; MD 22               |           |   |          |  |

<sup>1</sup> I think this is the new W40AH in the Norfolk area--see Jeff Wolf's report. I don't believe ACTS has any full-power affiliates---jfc]

<sup>2</sup> I may have finally solved this one with the help of the FCC microfiche I recently acquired. Roy. There is a W08CH licensed to Hyannis MA which has an ERP of 100 watts. The coordinates plot near the town of Dennis, about 25 air miles from your QTH on a heading of about 60°. It is owned by "Harvard Broadcasting" (assume not the university, hi!), but as to whether or not they have home shopping, I can't say. The heading fits the N.E. direction you have reported in the past, and a 100 watt hi-band at 25 miles might not be viewable until full-power semi-locals are off late at night. If you ever get up towards where W08CH is, you might cart along a portable TV to check---jfc]

A humdinger opening to the Maritimes. Best ever with 25 stations seen. First noted with CBHFT5-46 off back of antenna. New CIHF-8 Halifax NS plus outlets on 11, 12, and 27 seen. All 3/4 cb with "MITV" lower right in script. "MITV" hard to make out: 3 lines per letter and all letters rounded and joined. More info sent to Bill Fahber. I called up CIHF-8; they said they would send back info on their stations.

Had to go up on the roof to "Arm-strong" the antenna around 0300 and 0500. A little tired, almost fell off the roof once. What we nuts will put up with, hi! [You'd better get a new rotor before we have to run your obituary instead of your report!---jfc] The rains have stopped, so hopefully some NC/SC DX next time around. Roy.

| Jeff Wolf, 1131 University Blvd. W. #701, Silver Spring MD 20902 |                                 | MAY 1989 |                           | JUNE 1989 |                        | JUNE 1989 |  |
|--|---------------------------------|----------|---------------------------|-----------|------------------------|-----------|--|
| 30 Tr  | 0607 WJKA-26 ? NC T             | 2 Tr     | 0114 WJKA-26 NC 344       | 18 Es     | 0858 WBRZ-2 LA         |           |  |
|  | 0623 WHMC-23 ? SC T             |          | Es 1958-2157 unIDs-2      |           | 0928 MUC channel 4     |           |  |
|  | 0623 WYED-17 NC 248             |          | Tr 2012 NC 16, 22, 28, 40 |           | 0959 WPBT-2 FL 900     |           |  |
|  | 0623 WPTF-28 NC 248             |          | 2139 SC 13, 15 ? T        |           | 1006 -2 Cuba T         |           |  |
|  | 0640 WTVS-26 CT 300             |          | 2353 NC 17, 25, 47        |           | 1240 KJRH-2 ? OK T     |           |  |
|  | 0643 WVIT-30 CT 283             | 3 Tr     | 0115 W27AJ, W25AA ? T     |           | 2145 WBRZ-2 LA         |           |  |
| Es   | 1925 KNOP-2 NE 1234             |          | 0830 NC 17, 28, 40        |           | 2157 KATC-3 ? LA       |           |  |
|  | 2050 unID-6                     |          | 1002 WPCQ-36 ? NC T       | Tr        | 2320 NC 16, 17, 28, 40 |           |  |
|  | 2058 KUSD-2 SD 1050             | 4 Tr     | 0711 WITN-7 NC 257        | 23 Es     | 2046 KETS-2 AR         |           |  |
|  | 2100 KGAN-2 IA 750              | 5 Tr     | 0712 WYED-17 NC 248       |           | 2052 MUF channel 4     |           |  |
|  | 2200 KYTV-3 MO 853              | Es       | 0726 KPRC-2 TX 1235       |           | 2059 KJRH-2 OK 1031    |           |  |
|  | 2300 KQTV-2 MO                  |          | 0744 WBRZ-2 ? LA T        |           | 2206 unID-2 NBC        |           |  |
| 31 Es  | 0200 unID-2                     |          | 0745 unID-3 ABC           | 24 Es     | 1230 WPBT-2 ? FL T     |           |  |
| Tr   | 0618 WVIT-30 CT 283             | 6 Es     | 1930 unID-2-              |           | 1255 MUF channel 4     |           |  |
|  | 0618 WVIC-61 CT 283             | 14 Tr    | 0715-0739 NC 17, 28 248   |           | 1302 unID-3 w/flood    |           |  |
|  | 0702 WLIW-21 NY 218             |          | 0800 W40AH VA (ACTS)      |           | 1330 KPRC-2 ? TX T     |           |  |
|  | Es 0720 unID-2+ SS <sup>4</sup> |          | Chesapeake-Virginia Beh.  |           | 1352 NC 17, 28, 40     |           |  |
| Tr   | 0736 CT 24, 49 ? T              | 15 Tr    | 0137 WYED-17 NC 248       | 25 Tr     | 0852 NC 17, 28, 40     |           |  |
|  | 0743 WVIC-55 NY 253             |          | 0630 WTGS-28 ? SC T       | Es        | 2215+ unIDs-2, 3       |           |  |
|  | 0750 W35AB ? PA T               | Es       | 1823 unID-2 ? T           | 26 Es     | 0633 WPBT-2 ? FL T     |           |  |
| Es   | 1841 KQTV-2 MO                  | 16 Es    | 1800 WPBT-2 FL 900        |           | 0718 unID-2 (as 5/31)  |           |  |
|  | 2342 unID-2 CBS                 |          | 1802 MUF channel 4        |           | 1924 -3 Cuba T         |           |  |
| JUNE 1989  |                                 |          | 1836 -3 Cuba T            | 27 Tr     | 1950 WPBT-2 ? FL T     |           |  |
| 1 Es   | 0014-0101 unID-2 zero           | 17 Es    | 1430+ unID-2 (as 5/31)    | Es        | 0130 W40AH VA          |           |  |
| Tr   | 0220 WRDG-16 NC 251             |          | 1634 -2 Cuba T            | Es        | 2059+ unIDs-2, 3       |           |  |
|  | 0750 WCTI-12 NC 269             |          | 1920 f/out                |           | 2141 KJRH-2 ? OK T     |           |  |
| Es   | 2205+ unIDs-2                   | 18 Tr    | 0555+ NC 16, 17, 28, 40   |           |                        |           |  |
| Tr   | 2320 NC 17, 28, 40              |          | 0759 WJPM-33 SC 358       |           |                        |           |  |
| 2 Tr   | 0002 WLFL-22 NC 248             |          | 0825 SC 13, NC 47 ? T     |           |                        |           |  |
|  | 0055 W47AG NC 218               |          | 0844 WPDE-15 SC 349       |           |                        |           |  |

<sup>1</sup> Spanish date, digital clock at bottom. [Assume you refer to a European-style date: 89/05/31. Could well be Cuba as they've been noted doing new things (like 3/4 cb)---jfc]

| Wheeler, 6589 Wattsburg Road, Erie PA 16509   |                       | MAY 1989  |  | MAY 1989      |                                | MAY 1989 |  |
|---|-----------------------|-----------|--|---------------|--------------------------------|----------|--|
| 1230  | KUSD-2 SD 896         | 8 Es      | 1200 KLNE-3 NE 1005                                    | 13 Es         | 1600 KSNC-2 KS 1009            |          |  |
| 2331  | KWGN-2 CO 1312        |           | 1229 KNOP-2 NE 1059                                    | 14 Es         | 1100 WPBT-2 FL 1112            |          |  |
| 1200  | WESH-2 FL 908         |           | 1230 KSNC-2 KS 1009                                    |               | 1143 KJRH-2 OK 927             |          |  |
|   |                       |           | 1301 KMTV-3 NE 817                                     |               | 1200 KPRC-2 TX 1212            |          |  |
|   |                       |           | 1330 KUSD-2 SD 896                                     |               | 1734 KJRH-2 OK 927             |          |  |
|   |                       |           | 1759 CBHT-3 NS 846                                     | 18 Es         | 0830 WESH-2 FL 908             |          |  |
| One of the worst years I've had on account of cold/rain.  |                       |           |  |               |                                |          |  |
| Nieniadly, 98 Highland Ave. Clifton NJ 07011  |                       |           |  |               |                                |          |  |
| MAY 1989  |                       |           |  |               |                                |          |  |
| Tr  | 0308 WMGM-40 NJ 145   | 30 Es     | 1810 unID-2 floater                                    | 4 Tr          | 0258 WLVI-56 MA 200            |          |  |
|   | 0359 WWLP-56 PA 100   |           | 2035 Heavy CCI 2-6, FM super, MUF briefly to 107.9 mhz |               | 0318 WHLI-27 MA 200            |          |  |
|   | 0400 WPHL-17 PA 83    |           | 2058 KEMV-6 AR 1018                                    | 12, 13, 14 Es | CCU 2-4 around 1800 each night |          |  |
|   | 0408 WSBK-38 MA 200   |           | 0422 WWLP-22 MA 130                                    | 15 Es         | 2045 WTVJ-4 FL 1088            |          |  |
|   | 0425 WBOC-16 (DE) 200 | JUNE 1989 |  |               | 2100 WEDU-3 ? FL T             |          |  |
| 30 Tr   | 0613 WFTY-50 DC 210   | 4 Tr      | 0650 WETA-26 (MD) 210                                  |               | 2110 WPBT-2 ? FL T             |          |  |
|   | 0623 WRLH-35 VA 295   |           | 4 Tr 0253 WSBK-38 MA 200                               |               |                                |          |  |
| EQUIPMENT: Hitachi color TV, Sony mega-Watchman, U-120, 4-bay, 20db amp, homemade wire antenna for ch. 3. All ch. 6 logged via 87.7 mhz audio.  |                       |           |  |               |                                |          |  |
| May 30th brought massive Es--excellent on FM! First half of June amazingly poor for DX, with rain almost every day and nearly non-existent E-skip. WTVJ-4 first-time ever positive ID via "floater" over WNBC-4. Ch. 3 had 1/2 hour of PBS strong; ch. 2 "floater" also PBS. Let's hope it really picks up! GoodXing, Bill. |                       |           |  |               |                                |          |  |

Morris Sorenson, Box 422, Port Carling ON POB 1J0

EQUIPMENT: RCA CJR120W B&W portable (1983) Archer ColorSupreme V indoor amplified antenna

With the exception of a major opening on May 30, during which I concentrated on FM, skip has not been too plentiful here so far this season, and tropo almost non-existent.



| Charles Burnham (K2GLP), WABC-TV, 7 Lincoln Square, New York NY 10023 |                   | MAY 1989 |                         | MAY 1989 |                         |
|---|-------------------|----------|-------------------------|----------|-------------------------|
| 30 Es   | 1806 KTBS-3 LA    | 13 Tr    | 2000 WBOC-16 (DE) 245   | 14 Tr    | 0630-0900 PA, MA, MD in |
|   | 2100 WPBT-2 FL    |          | 2000-2400 PA, MD, MA in |          |                         |
|   | 2124 WWL-4 LA     |          |                         |          |                         |
|   | 2130 MUF to 107.9 |          |                         |          |                         |
| 31 Es   | 2229 WSKJ-2 TN    |          |                         |          |                         |
|   | 2327 WPBT-2 FL    |          |                         |          |                         |
| JUNE 1989   |                   |          |                         |          |                         |
| 12 Es   | 1828 CJCN-4 NF    |          |                         |          |                         |
|   | 1900 MUF to 90.1  |          |                         |          |                         |

Not much to report, very little Es in the past few months. We had one good opening but as usual I was late getting home and missed most of the action. We have had some tropo along the East Coast, but nothing spectacular. 73's, Charlie.

(CDT assumed)

Tom Bryant, 849 Todd Preis Dr., Nashville TN 37214

| MAY 1989 |                     | MAY 1989 |                      | MAY 1989 |                    |
|----------|---------------------|----------|----------------------|----------|--------------------|
| 14 Es    | 2039 KOTA-3 SD 1024 | 14 Es    | 2216 KAMR-4 ? TX T   | 21 Es    | 2306 KENW-3 NM 963 |
|          | 2131 KPRY-4 ? SD T  |          | 2217 KNOP-2 ? NE T   | 22 Es    | 1859 unID-3        |
|          | 2158 KLNE-3 NE 743  | 15 Ms?   | 0201 KSNC-2 ? KS T   |          |                    |
|          | 2200 KTVS-3 CO 1138 |          | 0213 KUSD-2 ? SD 754 |          |                    |

Tentative listings seen through locals 2 & 4...not enough info to confirm. Tentative KSNC-2 on 5-15 had Gene Scott, but no ID...I know they run him. Also both this and KUSD-2 looked more like Ms than anything, but might have been a lingering effect of the earlier Es opening. Good DX-ing! 73's, Tom.

---Yet another shameless ad



OUR ESTEEMED PANEL OF EXPERTS GAVE DX DISTANCE PRINTOUTS A PERFECT "10"

Shouldn't a customized DX DISTANCE PRINTOUT be in your DX shack? Imagine knowing the exact distance to all full-power U.S. and Canadian TV stations! Throw away your globe and string and order a set of DX DISTANCE PRINTOUTS today. Send your latitude and longitude along with \$7 in U.S. funds to the address at the head of this column. SUCH A DEAL!

| JUNE 1989 |                         | JUNE 1989 |                         | JUNE 1989 |                                   |
|-----------|-------------------------|-----------|-------------------------|-----------|-----------------------------------|
| 1 Tr      | 0725 WHMC-23 SC 293     | 18 Es     | 1152 KTVO-3 MO 896      | 20 Es     | 1718 WIPM-3 PR 1244               |
|           | 0725 WOLO-25 SC 262     |           | 1208 KOAA-5 CO 1410     |           | + various unIDs                   |
|           | 0725 WRK-35 SC 267      |           | 1243 KFDX-3 TX 1013     |           | all PM past 2300                  |
|           | 2015 SC 23, 35          |           | 1259 KMID-2 TX 1217     | 21 Es     | 1056 XHRIO-2 <sup>3</sup> TA 1007 |
|           | 2115 WJKA-26 NC 334     |           | 1305 KXTX-5 TX 1200     |           | 1058 KRGV-5 TX 966                |
|           | 2123 WUNJ-39 NC 334     |           | 1359 KUSD-2 SD 1246     |           | 1253 KGAN-2 IA 1000               |
|           | 2130 WRJA-27 SC 260     |           | 1422 KMTV-3 NE 1100     |           | 1303 unID-3 Mexico*               |
|           | 2130 WPDE-15 SC 312     |           | (KJRH-2, KSNC-2, KSNW-3 | 22 Tr     | 0750 W67BJ GA 120                 |
|           | 2141 WGSE-43 SC 295     |           | in all afternoon)       |           | Savannah (TBN)                    |
|           | 2144 WUNM-19 NC 416     |           | 1530-1930 Too busy to   |           | 0829 WLTX-19 FL 267               |
|           | 2144 WLTX-19 SC 267     |           | log, but Es in/out      | 27 Tr     | 2157+ SC 15, 19, 23, 25,          |
| 3 Tr      | 0013m WJKA-26 NC 334    |           | 2130 KGAN-2 IA 1000     |           | 27, 35, 43                        |
|           | 0013m WTAT-24 SC 216    | 19 Es     | 2330 CKCO-2 ON 1010     |           | 2157 Wilmington U's               |
| 5 Tr      | 1656 Wilmington U's     |           | 2330 CKVR-3 ? ON 2      |           | 2350 WCCT-97 SC 266               |
| 12 Tr     | 1658 WJKA-26 NC 334     |           | + other unIDs-2, 3      |           | 2350 WIS-10 SC 269                |
| 13 Es     | 1352 KGAN-2 IA 1000     | 20 Es     | 1102 unID-2 cartoons    | 28 Tr     | 0010 WPCQ-36 NC 346               |
|           | 1357 KUSD-2 ? SD T      |           | 1310 KIMT-3 IA 1031     |           | 0545 WAXA-40 SC 301               |
|           | 1531 unID-3 CBS         |           | 1310 KGAN-2 IA 1000     |           | 0545 WATL-36 GA 286               |
|           | 2228 unID-2 Canada CTV? |           | 1355 unID-5 NBC         |           | 0545 WSPA-7 SC 337                |
|           | 2231 WGRZ-2 NY 873      |           | 1708 WKAQ-2 PR 1289     | 30 Es     | 1403 KGAN-2 IA 1000               |
|           | 2235 CBFT-2 PQ 1136     |           | 1712 WORA-5 PR 1244     |           | 1403 KMTV-3 NE 1100               |
|           | 2256 CBFT2-3 PQ 1166    |           |                         |           | 1428 KUSD-2 SD 1246               |
|           | 2305 CIII2-2 ON 1046    |           |                         |           | 1431 KIMT-3 IA 1031               |
| 14 Es     | 1359 unIDs-2            |           |                         |           | 1435-1650 Busy, unable            |
| Tr        | 2140 SC 23, 27          |           |                         |           | to monitor...                     |
| 18 Es     | 1052 KOTV-5 OK 896      |           |                         |           | 1651 WFSB-3 CT 932                |
|           | 1057 KXAS-5 TX 911      |           |                         |           | 1655 CKPR-2 ON 1316               |
|           | 1117 KJRH-2 OK 896      |           |                         |           | + many unIDs-2, 3                 |
|           | 1117 KSNC-2 KS 1119     |           |                         |           |                                   |
|           | 1121 KSNW-3 KS 1038     |           |                         |           |                                   |



m=mobile logging  
v=VCR logging (tape-delay)

<sup>1</sup> State #31... "Today" ad with local tag about covering news "here in southern Colorado;" several PSAs showed dual ID with xltr K30AA, with channel #'s shown like a fraction: 9/30

<sup>2</sup> This has long been one of my "10 most wanted" skip stations, both in Orlando and here, for years! I've had lots of tentatives on it, but this is the first-ever positive ID!

<sup>3</sup> Telemundo (XEW-2) programming, then local break. I always thought they were local origination only, but apparently they now run some XEW net stuff, too.

<sup>4</sup> Logo as to right... seen before, what is this?

**EQUIPMENT:** Archer V-110 and UHF 4-bay on roof of 2-story building (about 30' AG), turned by Archerator; Sears 9" B&W TV, Sears 5" B&W TV, Mitsubishi HS-3283UR VCR, Brooksonic 2" multi-standard B&W TV, Radio Shack mobile VHF-UHF TV antenna.

There have not been a lot of really good Es openings, and my available DXing time has been severely limited by my jobs. I haven't really taken the time to tape-delay skip openings, either... at least not in as routine and dedicated a fashion as I did last summer. The highlight was logging KOAA-5 for my first-ever CO logging.

(NOTE: I am running the following in this column because (a)I have the space, and (b)there hasn't been a Statistics or TV-CCI column in ages. Until these columns begin appearing on a regular basis again, I will run reporters' stats and unIDs on a space-available basis, if they request it---jfc)

**STATISTICS as of 7/1/89:**

|                           |                           |
|---------------------------|---------------------------|
| 311 total stations logged | 31 U.S. states (+DC)      |
| 160 UHF                   | 2 Canadian provinces      |
| 22 translator/LPTV        | 2 Mexican estados         |
| 85 E-skip                 | 3 other foreign countries |
| 1 meteor scatter          | 39 total political units  |

**UnIDs:**

|     |     |    |    |    |    |      |     |     |   |
|-----|-----|----|----|----|----|------|-----|-----|---|
| Thu | May | 4  | Es | ch | 2  | 1533 | EDT | --- | Definitely a Dom. Rep. stn, but which one: Tele-Antillas or ColorVision? Variety-type show, apparently live, included political talks, games for adults and kids, phone-ins, live music, etc. OM and YL alternated hosting duties. Any ideas? |
| Sat | May | 13 | Es | ch | 2  | 0030 | EDT | --- | ID had Leg Trent and Channel 2 News, then begin "Cheers." This was not a syndicated rerun, but apparently a delayed NBC as it included the NBC stereo super over the opening, followed by a "STEREO2" super keyed locally. PTA: unknown.      |
| Fri | May | 19 | Tr | ch | 14 | 0757 | EDT | --- | "Body by Jake," then something with Kenny Rogers noted after 0800. Suspect WAWA-14 in Rome GA.  |
| Sat | May | 20 | Es | ch | 3  | 1244 | EDT | --- | Discussion show "The Money Line." PTA: Northeast, Canada.   |
| Sun | Jun | 18 | Es | ch | 2  | 1341 | EDT | --- | "Facts of Life." PTA (Probable Target Area): Midwest/Rockies.   |
|     |     |    |    | ch | 2  | 1406 | EDT | --- | "Little House on the Prairie." Same PTA.  |
|     |     |    |    | ch | 3  | 1527 | EDT | --- | End "McLaughlin Group." At 1530 "A Second Look" with Bill Moyers. One of several midwest PBSS on 3...hope it's new KSWK! Same PTA.  |
| Wed | Jun | 21 | Es | ch | 3  | 1303 | EDT | --- | Mexican newscast with "eco" logo... I have seen this before: what is it? Jim? Pat? anyone?  |

*I've been real, John*

# SOUTHERN FMDX

AUGUST 1989

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

DEADLINE: 10th

JUNE'S DX NOT AS LIVELY AS MAY'S WITH MOST REPORTERS.

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

Equipt: Onkyo T-9090, Probe 9

|   |                                 |   |                                |
|---|---------------------------------|---|--------------------------------|
| 5/29 Es   | 1909 KMGH 93.9 AZ Flagstaff, ID | 5/31 Es   | 2010 KVRO 92.1 SD Huron, r, ID |
| 1916 KLYT 88.3 NM Albuquerque, K-light                    |                                 | 2015 KYYY 92.9 ND Bismark, "Y-93"   |                                |
| 5/30 Es   | 2015 CJEZ 97.3 ON Toronto, ID   | 2025 KPAT 97.3 SD Sioux Falls, rp?, ID  |                                |
| 2020 CING-107.9 ON Burlington, r, FM-108                  |                                 | 2030 KKRC 93.5 SD Sioux Falls, ID   |                                |
| 2023 WBUF 92.9 NY Buffalo, ID                             |                                 | 2046 KGCH 93.1 MT Sidney, 93 Country  |                                |
| 2031 CKFM 99.9 ON Toronto, r, ID                          |                                 | 2051 KMCM 92.5 MT Miles City, r, ID   |                                |
| 2032 WQCR 98.9 VT Burlington, lcl. ads                    |                                 | 2109 KIKC 101.3 MT Forsyth, k, "Kick"   |                                |
| 2033 CHUM 104.5 ON Toronto, r, lcl. ads                   |                                 | 6/8 Es  |                                |
| 2037 CHOM 97.7 PQ Montreal, "show FM"                     |                                 | 1130 WGLL 91.1 MI Houghton, c, ID   |                                |
| 2040 WUUU 102.5 NY Rome, U-102                            |                                 | 1211 KYYZ 96.1 ND Williston, r, "Laser 96"  |                                |
| 2041 unID 100.9 // 102.5 WUUU                             |                                 | 6/18 Es   |                                |
| 2046 CBL 94.1 ON Toronto, "CBC #"                         |                                 | 1000 KJNW 94.1 TX Amarillo, k, ID   |                                |
| 2051 WNTQ 93.1 NY Syracuse, ads                           |                                 | 1030 WAXY 105.9 FL Fort Lauderdale, Waxy FM   |                                |
| 2052 WEZF 92.9 VT Burlington, ID                          |                                 | 1037 WLVE 93.9 FL Miami Beach, "Luv-94"   |                                |
| 2058 CJCL7 96.7 ??  |                                 | 1041 WJLG 102.3 FL Rock Harbor, ads, "EZ-102"   |                                |
| 5/31 Es   |                                 | 1043 WCTH 100.3 FL Plantation Key, ads  |                                |
| 1909 KKLX 92.9 ND Grand Forks                             |                                 | 1044 CUBA 92.3 SS, \$   |                                |
| 1910 KYRS 94.1 MN Atwater, k, ID                          |                                 | 1054 unID 107.1 ads, Hollywood, FL  |                                |
| 1911 unID 95.3 r, "I-95", ment. Kado or Man-kato          |                                 | 1100 CUBA 93.5 Santa Clara?, ID, \$   |                                |
| 1916 KZZY 103.5 ND Devils Lake                            |                                 | 1101 GUBat 90.5 "Del Musica", \$  |                                |
| 1918 KQLL 106.1 ND Lisbon, \$, ID, ex106.3                |                                 | 1102 WMUM 94.3 FL Marathon, b, ID   |                                |
| 1921 KQWB 98.7 MN Moorhead, r                             |                                 | 1123 WEOV 92.5 FL Key West, "Wow 92.5"  |                                |
| 1923 KYCK 97.1 MN Crookston, ID                           |                                 | 1140 KXTX 88.1 TX Lubbock, ID   |                                |
| 1925 unID 93.5 ads, "east jly 12 in Basette", "MN Paints" |                                 | 1208 KMUL 103.1 TX Mulshoe, ID  |                                |
| 1928 KQAA 94.9 SD Aberdeen, "KQ-95"                       |                                 | 1211 KLSC 104.7 TX Laesa, r, ID   |                                |
| 1928 KIXX 96.1 SD Watertown, ad                           |                                 | 1214 KHOC 105.5 TX Levelland, k, ID   |                                |
| 1931 KNOX 94.7 ND Grand Forks, Lite Rock 94               |                                 | 1216 unID 94.3 TX Winters, ad, SS-EE  |                                |
| 1932 WDAY 93.7 ND Fargo, "Y-94"                           |                                 | 1219 KRLB 99.5 TX Lubbock, r, ads   |                                |
| 1937 KCKC 99.7 MN Marshall, ID, ex 100.1                  |                                 | 1242 KZII 102.5 TX Lubbock, wx, "Z-102"   |                                |
| 1939 KQDY 94.5 ?? Ment. Hickman, (must be Andeny, IA, IB) |                                 | 1250 unID 104.1 sounded like a translator with main station off air. Translating meteor bursts w/ "Atlanta" heard once on its input. \$ |                                |
| 1942 KBYZ 96.5 ND Bismark                                 |                                 | 1254 XHGU 105.9 CH Ciudad Juarez, city ID   |                                |
| 1945 KXQQ 102.3 SD Volga, r, ID                           |                                 | 1258 XHH 100.7 CH Ciudad Juarez, Mariachi Es\$  |                                |
| 1947 KIWA 105.5 IA Sheldon, wx, ID                        |                                 | 1359 AUNM 89.9 NM new freq? from 90.1??   |                                |
| 1948 KMIT 105.9 SD Mitchell, ID                           |                                 | 1400 KANW 89.1 NM Albuquerque, ID   |                                |
| 1949 KOLY 99.5 SD Moberidge, ID                           |                                 | 1406 KLKZ 98.3 TX Farwell, r, ID  |                                |
| 1959 KTRC 103.3 IA Sioux City, &                          |                                 | 1408 KSNM 98.7 NM Truth or Consequences   |                                |
| 1959 KKLS 104.7 SD Sioux Falls, ad                        |                                 | 1408 KMMI 98.7 TX Amarillo, ID  |                                |
| 2001 KAYL 101.5 IA Storm Lake                             |                                 | 1412 KSEL 95.3 ?? (It's Portales, NM, IB)   |                                |
| 2004 KKYA 93.1 SD Yankton, ""KK-93"                       |                                 | 1422 KZZO 107.5 NM Clovis, r, promo   |                                |
| 2006 KVDB 94.3 IA Sioux Center, ID                        |                                 | 1424 KATX 97.3 TX Plainview, ID   |                                |
|   |                                 | 1430 unID 98.1 "98-q", oldies   |                                |
|   |                                 | 1444 unID 95.5 "Stanford", ads, k   |                                |

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

From Massanutten, VA ski resort from 6/20 to 6/22, from lodges: (ALL newly logged.)

|                            |                             |
|----------------------------|-----------------------------|
| WHRO 89.5 VA Norfolk       | WHDM 97.7 MD Lexington Park |
| WTRM 91.3 VA Winchester    | WHFS 99.1 MD Annapolis      |
| WGTS 91.9 MD Takoma Pk.    | WPLZ 99.3 VA Petersburg     |
| WPOC 93.1 MD Balto         | WCMS 100.5 VA Norfolk       |
| WRBS 95.1 MD Balto         | WWEI 101.3 VA Hampton       |
| WKHK 95.3 VA Colonial Hts. | WAYZ 101.5 PA Waynesboro    |
| WLTY 95.7 VA Norfolk       | WKYU 101.7 VA Lynchburg     |
| WKSX 96.1 VA Cape Charles  | WZST 102.7 VA Appomattox    |
| WGH 97.3 VA Newport News   | WOWI 102.9 VA Norfolk       |

Mancuso, cont...

6/20 to 6/22

WBEY\*103.1 MD Grasonville WXRI 105.3 VA Norfolk  
 WBSB 104.3 MD Balto WAPP 105.5 VA Perryville  
 WNVZ 104.5 VA Norfolk WCEN\*106.3 MD Cambridge  
 WYFT\*107.1 VA Keezletown

\*after midnight when local signed off

From top of mtn overlook:

WHYK 93.7 NC Elizabeth City WCVB 101.1 VA Richmond  
 WILT 96.1 NC Raleigh WRAL 101.5 NC Raleigh

From construction site about halfway between lodge spot  
 and top of mtn (Mt. Washington band scanner take note!)  
 WBSR 103.3 VA Onley WKRE 107.5 VA Exmore

Stayed on north side of lodge this time. Reception was slightly different than from opposite side, not dramatic. As discovered in WV trip(7/89 VUD)DXing from a little below mtn top yield station not found at top or from valley base. Got a good opening to Tidewater the first night during heavy storming. Reception very limited going north and west into mtns but quite adequate toward Delmarva Peninsula and NC.

Tim K. McVey, 9906 El Dee Dr., Ellicott City, MD 21043

Equipment: Pioneer TX-7500 and Stereo Probe 9 at 30'

1/15 trs, ms

1544 WKBN 98.9 OH Youngstown, b "WKBN-FM" 230  
 1630 WOMP 100.5 OH Bellaire, CHR "Whomp-FM" 214  
 1700 WOWQ 102.1 PA DuBois, k, ID, these and several others  
 in that range demonstrate the usefulness of trs on a cold  
 winter day on quiet channels. 165  
 1555 WHYK? 99.1 WI Milwaukee, "...XX,Mix-99", with local WHFS  
 off. This was not 99.3 from Harrisburg. 600

3/13 Au

1900 Sorry, no ID's! The entire FM band very noisy and garbled w/antenna to the N. Hash on TV 3, 6. Effects gone by 2100. This Au was too intense, with low-power channels buried many stations deep.

5/30 Es

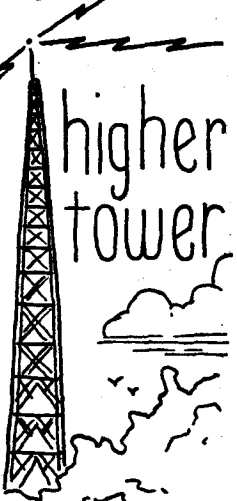
2105 KWYR 93.7 SD Winner, m\$, calls could be incorrect; heard "S. Dakota's better music mix, Magic 93". New state.  
 2108 KVIB 94.3 IA Sioux Center, severe wx bulletin 990  
 2109 KYEZ 93.7 KS Salina, k\$, "KY-Country" 1090  
 2110 KKEZ? 94.5 IA Ft. Dodge, "Open Line" program; lots of ads for Des Moines businesses 890  
 2125 KGRC 92.9 MO Hannibal, rm\$ "KGRC road show", ad 750  
 2126 unID 92.1 MO Butler or Sedalia; ads for a K.C. theater  
 2123 KLSI 93.3 MO K.C., m\$, "93.9 KLSI" 910  
 2128 KDBG? 93.9 KS Dodge City, k\$, over local WKYS! 1200  
 2131 KMBR 99.7 MO K.C., j KULI 98.1 K.C. both w/ lcl ads  
 2133 KFUD? 99.1 MO Fulton, c\$, over local WHFS!  
 2134 KCWV 98.9 KS Leavenworth, new age, "98.9 the Wave"  
 2135 KMAJ 107.7 KS Topeka, m\$, "KMAJ-Magic 108"  
 2137 KKUZ 102.5 MO Joplin, bb, freq. ment. of Joplin and Pittsburg 930  
 2138 KYYS 102.1 MO K.C., KPERS 103.3 K.C.  
 2140 KMZU 101.1 MO Carrollton, k\$, wiped out local WWDG!  
 "KMZU, 102 N. Mason, Carrollton, MO 64633"  
 2143 KDVV 100.3 KS Topeka, r\$ "The new V-100.3"  
 2145 KATT 100.5 OK OKC, pr\$  
 2152 KITO 96.1 ?? k\$ "KITO-96-1" Is this Clinton, MO?  
 2205 KFDI 101.3 KS Wichita 1050  
 (MUF drops rapidly as cloud tries to shift...Okla. ought to be in, but skip falls below TV-2 by 2230)

5/31 tr

0745 Strongest enhancement ever seen to Philadelphia (104 miles) on VHF. Signal levels improved by 60-80 db! WEAZ 101.1 PA Phila. o/local WWDG w/full quieting, rare!  
 0746 WZFM 107.1 NY Briarcliff Manor, traffic report 240  
 0750 WLTW 106.7 NY NYC, against very tough odds 195  
 0754 WDMA 105.5 NJ Dover, r\$, "WDMA-FM...." cont. 195

KSPI's FM

Move To a



higher tower  
 at  
 HIGHER POWER  
 has moved us a little left on the



dial to 93.7  
 Tune-in To it!

7/21 tr

7/29 WBAB 102.3 NY Babylon, L.I., "BAB long Island wx", ads, over local WMMJ 240  
 8/03 WRCH 100.5 CT New Britain, b\$ 280  
 8/10 WBLJ 95.5 NY NY, r\$, tough to get u/local WFGC and the super-enhanced WFLN-95.7  
 8/16 WOBN 92.7 NJ Tom's River, lots of local ads 165  
 8/28 WYNY 97.1 NY NY "Hot97" u/local WASH  
 8/36 WNSR 105.1 NY NY, "New York's only soft rock, 105-FM", Took 10 minutes to find just the right null under local WAVA and semi-local WIOV. Even WIOV was over WAVA!  
 8/40 had to leave for work just as cx were improving,....

Very unsettled weather produced an uneventful spring here, but a stalled area of humid air did produce the tr of 5/31. Those loggings were hard-earned, too (note the time elapsed between entries--a lot of that was careful nulling and off-tuning). I didn't realize when I first moved here that Baltimore, Phila, and NYC all line up along the exact same bearing from my QTH! Any sort of opening that direction just swamps the dial! Interestingly, there's a blessing in this, too, because all those low-power channels (92.7, 93.5, 94.3, etc.) are not allocated near the large cities here. On 5/31 they were all 4-5 stations deep, just waiting to be picked off and written into the log. (Instead of pursuing these, I used my limited time to dig out the rarer NY, CT and MA targets.) It's been fun...hope to see many of you at the convention. 73.

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

The XYL and I drove to Georgia last week. While heading to Plains, GA from Albany, GA to see Jimmy Carter's home town, we noticed a nice opening to the midwest on our car radio. Equip.: Honda car radio, whip antenna. Enroute from Albany to Plains, GA, time EDST:

6/18 Es

1104 KEZU 94.5 KS Scott City  
 1119 KNID 96.9 OK Enid  
 1123 KECO 96.5 OK Elk City  
 1136 KQMJ 99.5 OK Henryetta

6/18 Es

1139 KATT 100.5 OK Oklahoma City  
 1141 KFDI 101.3 KS Wichita  
 1147 KLAW 101.5 OK Lawton  
 1152 KLTE 101.9 OK Oklahoma City

Later, while driving from Americus to Macon, GA, we received the following stations, all in El Paso, TX: 1352 97.5 KBNA, 1357 94.7 KLTO, 1446 93.1 KAMZ. 73

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

Time for an update, I think. June started poorly, but has shown signs of life the last few days. On the 20th the skip was all over - Mexico to Manitoba & British Columbia - with several new loggings and a bunch that were new to Antioch. Underlined is new; dashed underline is new mode; @ means new to Antioch. # indicates the aux Mack with aux antenna in garage; all others with newer Mack & S/probe 30' up.

| TIME CALLS   | FREQ  | ST | CITY       | DIST | REMARKS        |
|--------------|-------|----|------------|------|----------------|
| 8/21/89 ES   |       |    |            |      |                |
| 2259 CKUA13@ | 91.3  | AT | Drumheller | 1055 | CKUA s/off     |
| 8/24/89 ES   |       |    |            |      |                |
| 2203 KLUV    | 98.7  | TX | Dallas     | 1425 | K-Love         |
| 2248 KRLB@   | 99.5  | TX | Lubbock    | 1160 | Calls          |
| 2251 KIXY    | 94.7  | TX | San Angelo | 1285 | "              |
| 2302 KTEG@   | 93.9  | "  | "          |      | ID             |
| 8/27/89 ES   |       |    |            |      |                |
| 0951 KHMT    | 99.5  | SI | Mazatlan   | 1360 | Local ref      |
| 8/1/89 ES    |       |    |            |      |                |
| 1932 KESD@   | 88.3  | SD | Brookings  | 1330 | C // 89.7      |
| KUSD@        | 89.7  | SD | Vermillion | 1345 | Phone verie    |
| 2139 KMKK@   | 93.9  | SD | Rapid City | 1050 | Local ref      |
| 8/5/89 SL    |       |    |            |      |                |
| 0658 KKLU    | 96.5  | CA | Colusa     | 78   | 1st day on     |
| 8/13/89 TR   |       |    |            |      |                |
| 0400 KVCE    | 89.5  | NV | Fallon     | 200  | ID (300w)      |
| 8/20/89 ES   |       |    |            |      |                |
| 1812 KHBB    | 94.7  | SN | Hermosillo | 910  | Local ref      |
| 1815 KLTO    | 94.7  | TX | El Paso    | 970  | Calls          |
| 1816 KLAQ    | 95.5  | "  | "          |      | Local ref      |
| 1828 KMTH@   | 98.7  | NM | Maljamar   | 1015 | c // 89.5      |
| KENW@        | 89.5  | NM | Portales   | 1050 |                |
| 1833 unid    | 93.9  | ?? |            |      | K-Love, Q-94   |
| 1843 KSID@   | 98.7  | NE | Sidney     | 1005 | Calls o/KNTH!  |
| 1907 KDSU@   | 91.9  | ND | Fargo      | 1395 | Local ann & wx |
| 1910 KQRC    | 92.3  | MT | Ronan      | 745  | Ronan, KG...   |
| 1915 CIZL    | 98.9  | SA | Regina     | 1230 | Zed-99 Cl Hits |
| 1918 CKIT@   | 104.9 | "  | "          |      | K-105 & lcl    |

| 6/20 Es     |       |    |               |      |  |
|-------------|-------|----|---------------|------|--|
| 1923 CFMC   | 95.1  | SA | Saskatoon     | 1240 | C-95 Saskatoon                           |
| 1926 CBKS@  | 105.5 | "  | "             |      | CBC Stereo                               |
| 1932 CIMG   | 94.1  | SA | Swift Current | 1080 | Local & ph#                              |
| 1937 CFMH@# | 99.1  | SA | Prince Albert | 1270 | Power 99                                 |
| 1953 KDXT   | 93.3  | MT | Missoula      | 735  | XT-93 Missoula                           |
| 1959 KALS@  | 97.1  | MT | Kalispell     | 810  | Local ref                                |
| 2002 CBBC@  | 91.7  | AT | Lethbridge    | 925  | CBC Stereo                               |
| 2012 KCND@  | 90.5  | ND | Bismarck      | 1210 | Prairie PR                               |
| 2020 KCGN@  | 101.5 | MN | Ortonville    | 1375 | Local                                    |
| 2022 CKUA3@ | 97.3  | AT | Medicine Hat  | 980  | // 91.3                                  |
| CKUA13      | 91.3  | AT | Drumheller    |      |  |
| 2024 KCGM@  | 95.7  | MT | Scobey        | 1105 | ID                                       |
| 2031 CKUA@  | 94.9  | AT | Edmonton      | 1155 | // 97.3                                  |
| 2034 CBYJ@  | 88.3  | BC | Ft. St. John  | 1330 | CBC Radio                                |
| 2039 KZLS@  | 97.1  | MT | Billings      | 860  | Amazing FM, 2-97                         |
| 2052 KQDY@  | 94.5  | ND | Bismarck      |      | Local                                    |
| 2059 CBWV@  | 97.9  | MB | Brandon       | 1350 | CBC R., MB ref                           |
| 2130 KUSD   | 89.7  | SD | Vermillion    |      | // 88.3, c                               |
| KESD        | 88.3  | SD | Brookings     |      | // 89.7                                  |
| 2131 KTSD@  | 91.1  | SD | Reliance      | 1200 | // 89.7                                  |
| 2132 KQSD   | 91.9  | SD | Lowry         | 1215 | // 89.7 & 91.1                           |
| 2133 KBHE@  | 89.3  | SD | Rapid City    |      | // 89.7                                  |
| 2139 KSEZ@  | 97.9  | IA | Sioux City    | 1385 | Sioux C., 2-98                           |
| 2142 KKMA@  | 99.5  | IA | Le Mars       | 1390 | Local                                    |
| 2153 KFRX@  | 102.7 | NE | Lincoln       | 1355 | Calls                                    |
| 2159 KTSD   | 91.1  | SD | Reliance      |      | Net ID                                   |
| KIOS        | 91.5  | NE | Omaha         | 1390 | ID                                       |
| 5/24/89 Es  |       |    |               |      |  |
| 0938 KEBC@  | 94.7  | OK | OKC           | 1355 | ID                                       |
| 0947 KOMX?  | 100.3 | TX | Pampa         |      | ... watts of<br>advertising power, KG... |
| KPDR@#      | 90.5  | TX | Wheeler       | 1200 | Calls                                    |
| 0951 KQTZ@  | 105.9 | OK | Hobart        | 1230 | KQ-106; now at<br>100kw                  |
| 0954 KMML   | 98.7  | TX | Amarillo      | 1115 | Calls; prev MS                           |
| 1000 KLSR   | 105.3 | TX | Memphis       | 1200 | Calls                                    |
| 1018 KACU   | 89.7  | TX | Abilene       | 1275 | Calls & m                                |
| 1034 KTLG   | 99.7  | TX | Tye           | 1270 | Calls                                    |
| 1102 KENW   | 89.5  | NM | Portales      |      | Opera // 98.7                            |
| KMTH        | 98.7  | NM | Maljamar      |      | // 89.5                                  |

Warning to all! CIZL & CIZZ 98.9 Red Deer are both Zed-99. Such originality! CIZL plays classic hits; CIZZ plays new rock. Called both to make sure of who I had, though CIZL seemed obvious from the context. CFMC hit 7 on the meter as it unid'd; I reset the meter last fall when KSHA Redding (180 miles away) hit 12, so most San Francisco stations (40 miles away & usable in stereo barring strong static or occasional multipath problems) rate 2.5 - 3.5. A 7 means the station is immune to almost any static source known to man. Not bad for 1080 miles! Anyway, 341 loggings here in Antioch & 1017 for the Diablo Area log.

Three fairly interesting days this week. Guess I'd better use a lull to bring you up to date. Two corrections to my 5/18 log: 100.3 Hermosillo SN is in fact XHSD despite what they sound'd like that day. Maybe the announcer stumbled on the D. And R. Sonora on 106.7 may have been Guaymas, not Nogales. A full net ID this morning yielded the following:

|        |       |                |
|--------|-------|----------------|
| XHHE   | 94.7  | Hermosillo     |
| XHCDG  | 89.3  | Ciudad Obregon |
| XHNES  | 105.9 | Nogales        |
| XHGUA  | 106.9 | Guaymas        |
| XHHILL | 90.1  | Benjamin Hill  |
| XHMZQ  | 99.3  | Tecache        |

No 106.7! Either they gave an out-of-date frequency for XHNS or XHGUA, or the latter was off-channel. I'm guessing XHGUA's channel was mis-stated. Nogales is very close for skip that high, whereas Guaymas is at a more comfortable range & between the others which were in that day - XHHE & XHCDG. cont....

| 6/26/89 Es  |       |    |                 |      |                                 |
|-------------|-------|----|-----------------|------|---------------------------------|
| 1959 KJTY@  | 88.3  | KS | Topeka          | 1390 | Local ref                       |
| 2007 KZNA@  | 90.5  | KS | Hill City       | 1195 | // 91.1                         |
| KANZ        | 91.1  | KS | Garden City     | 1120 | // 90.5                         |
| 2015 KWTC   | 98.7  | MO | Springfield     | 1545 | Springfield ref                 |
| 2029 KWEN@  | 95.5  | OK | Tulsa           |      | Local ref                       |
| 2031 KNYD@  | 90.5  | OK | Broken Arrow    | 1425 | Calls                           |
| 2038 KOSU?  | 91.7  | OK | OKC             |      | Jazz; CDT                       |
| 2053 KGAM   | 90.7  | KS | Wichita         | 1320 | Calls; K-Jam                    |
| 2058 KWEN@# | 95.5  | OK | Tulsa           | 1420 | ID; K-95                        |
| KMDD@       | 97.5  | "  | "               |      | ID                              |
| 2105 KEBC   | 94.7  | "  | OKC             | 1355 | Calls                           |
| 2107 KANZ   | 91.1  | KS | Garden City     |      | High Plains PR                  |
| 2126 KMML   | 98.7  | TX | Amarillo        | 1115 | Calls; nothing<br>else on band! |
| 6/27/89     |       |    |                 |      |                                 |
| 2027 KCGM   | 95.7  | MT | Scobey          | 1105 | Calls                           |
| 2030 KFNW   | 97.9  | ND | Fargo           | 1395 | Fargo ref; gm                   |
| 2033 KQDJ@  | 95.5  | ND | Jamestown       | 1300 | J-Country, time<br>r            |
| KSJM?       | 93.3  | "  | "               |      |                                 |
| 2217 KLYT@  | 88.3  | NM | Albuquerque     | 875  | Calls                           |
| 7/1/89 Es   |       |    |                 |      |                                 |
| 0649 XEDY?  | 89.7  | DF | Mexico          |      | Sp ad & c                       |
| 0739 KLYT   | 88.3  | NM | Albuquerque     | 875  | K-Light                         |
| KRST@       | 92.3  | "  | "               |      | Albuq ref                       |
| 0740 KKOBB@ | 93.3  | "  | "               |      | KOB-FM                          |
| 0800 XHHE   | 94.7  | SN | Hermosillo      | 910  | SN ref                          |
| 0802 XHSD   | 100.3 | "  | "               |      | Calls, SN                       |
| 0806 XHMY   | 93.9  | "  | "               |      | Calls, MV-FM                    |
| 0812 XHHE#  | 94.7  | "  | "               |      | R SN net ID                     |
| 0843 KQZB@  | 89.7  | AZ | Tucson          | 635  | KUAT ID                         |
| KUAT@#      | 90.5  | AZ | Tucson          | 735  | "                               |
| 0900 KOY    | 95.5  | AZ | Phoenix         | 635  | Local ads                       |
| 0901 KOOL@  | 94.5  | "  | "               |      | Cool-FM; ID                     |
| 0902 KGRX?  | 100.3 | AZ | Globe           |      | New age                         |
| 0906 XHUAR? | 106.7 | CH | Cd. Juarez      |      | Sp                              |
| 0923 KEZB@  | 93.9  | TX | El Paso         | 970  | Local; B-94                     |
| 0933 KSNM@  | 98.7  | NM | Truth or Conseq | 875  | Local ad                        |

Based on 1/2 day, July already seems more promising than June. My first new skip logging last month waited until the 20th to show. But I sure would've liked to get an ID on XEDY! Can't imagine who else would have Spanish advertising on 89.7 followed by c. Unfortunately an ad for Lufthansa (non-stop flights to Frankfurt, apparently) without local references isn't wonderful proof, & a movement of the Moonlight Sonata isn't real unusual either. Why couldn't they have had the wx or some such?

I am assuming that the KUAT xlator was K209AF, not K209AD Sierra Vista or K209AS Duncan, because the program director informed me that the latter are aimed away from me while K209AF is aimed NE & NW.

As for the new KGAM Wichita, what a disgusting noise! At equal volume, I'd prefer a jet engine, thank you. It would be less abrasive. And the announcers aren't very literate - they did a PSA for the upcoming "climatic" fireworks display. Or has someone found a way to promote rain with fireworks?

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

| 7/4 Es              |       |        |                           |           |       |    |                              |
|---------------------|-------|--------|---------------------------|-----------|-------|----|------------------------------|
| 1810 unID           | 95.9  | FF     | from car leaving work     | 1858 WMSI | 102.9 | MS | Jackson                      |
| 1812 unID           | 94.3  |        | as above, need help       | 1900 WMSR | 99.7  | TN | Manchester                   |
| 1814 KTDY           | 99.9  | LA     | Lafayette                 | 1900 KWJM | 92.7  | LA | Farmerville                  |
| 1821 WYNK           | 101.5 | LA     | Baton Rouge               | 1907 KITT | 93.7  | LA | Shreveport                   |
| Rest are from home: |       |        |                           |           |       |    |                              |
| 1839 KQID           | 93.1  | LA     | Alexandria, o/local WPOC! | 1912 KSMB | 94.5  | LA | Lafayette                    |
| 1843 KYEA           | 96.3  | LA     | West Monroe               | 1913 KNVE | 101.5 | TX | Tyler, 2nd go around on this |
| 1845 unID           | 99.7  | rap mx | maybe WJMI Jackson        | 1920 KIXK | 95.9  | AR | Eldorado                     |
| 1849 KQUS           | 97.5  | AR     | Hot Springs               | 1927 WYBE | 105.5 | FL | Mary Esther                  |
| 1854 KZPZ           | 96.9  | LA     | Alexandria, \$ red light! | 1941 unID | 106.3 | ?? | rock, "Evil 105"             |
|                     |       |        |                           | 1950 WJIM | 94.3  | TN | Lewisburg, cont....          |



**SOUTHERN FM DX**

Mancuso, cont.

AUGUST 1989

While driving home I noticed local WWIN 95.9 very spotty, so I drove slowly along side of road until I hit a "dead" spot where I heard the above unID French station. Decided to get home ASAP and "go to work" Two central TN catches were widely separated from the rest. Got a few on 88-92 but were not IDing due to network programming, so I decided to concentrate on com. band. This may be one of the top openings in area history. Can only wonder what could have been done with good equipt. or an earlier start.

**Matt Sittel, 220 Brookfield Drive, Kingsport, TN 37663**

|            |       |                              |      |
|------------|-------|------------------------------|------|
| 6/8 Es     |       |                              |      |
| 1231 CHIQ  | 94.3  | MB Winnipeg,"Q94"            | 1182 |
| 6/11 tr    |       |                              |      |
| 0111 WAPI  | 94.5  | AL Birmingham,"I95"          | 317  |
| 0117 WZGC  | 92.9  | GA Atlanta,"Z93"             | 216  |
| 0123 WAPW  | 99.7  | GA Atlanta,"Power 99"        | 216  |
| 0126 WUSY  | 100.7 | TN Cleveland,K\$, "US 101"   | 168  |
| 0134 WQSB  | 105.1 | AL Albertville,calls         | 256  |
| 0136 WLAC  | 105.9 | TN Nashville,"106 FM"        | 246  |
| 0154 WEKS  | 104.1 | GA La Grange,ID              | 273  |
| 0201 WLAP  | 94.5  | KY Lexington,ID              | 162  |
| 0203 WKLS  | 96.1  | GA Atlanta,ID                | 216  |
| 0222 WFOX  | 97.1  | GA Gainesville,"Fox97.1"     | 164  |
| 0242 WCKN  | 101.1 | SC Anderson,ID,rare          | 132  |
| 0246 WDEF  | 92.3  | TN Chattanooga               | 186  |
| 0730 WSP1  | 98.9  | KY Paintsville,calls         | 103  |
| 0739 WKNF  | 94.3  | TN Oak Ridge,ad              | 100  |
| 0749 WCKS  | 93.1  | TN Karns,"93 Kiss FM"        | 86   |
| 0755 WOOD  | 96.5  | TN Chattanooga               | 186  |
| 0802 WHHR  | 106.1 | SC Hilton Head Island        | 306  |
| 0812 WXLK  | 92.3  | VA Roanoke                   | 158  |
| 0826 WSLQ  | 99.1  | VA Roanoke,ID                | 158  |
| 6/12 tr?   |       | (WTFM-98.5 off the air)      |      |
| 2248 WSB   | 98.5  | GA Atlanta,"B98.5"           | 216  |
| 2259 WRCM  | 98.7  | NC Jacksonville,ID           | 308  |
| 6/15 Es    |       |                              |      |
| 1943 ZBM   | 89.1  | BERMUDA Hamilton,ac\$,ID1278 |      |
| 2041 WHYI  | 100.7 | FL Ft.Lauderdale,"Y100"      | 727  |
| 6/16 Es    |       |                              |      |
| 1153 KBAU  | 94.3  | LA Galliano,"Bayou 94"       | 663  |
| 1228 WQUE  | 93.3  | LA New Orleans,"Q93"         | 627  |
| 1232 WQXY  | 95.7  | LA New Orleans,K\$, "Y96"    | 627  |
| 1235 WCKW  | 92.3  | LA Laplace,calls             | 637  |
| 6/18 Es    |       |                              |      |
| 1050 XHAAA | 93.1  | TA Reynosa,ads               | 1184 |
| 1053 KZFM  | 95.5  | TX Corpus Christi,ID         | 1055 |
| 1059 KERA  | 90.1  | TX Dallas,calls              | 864  |
| 1102 KMMX  | 106.7 | TX Terrell Hills,"KMix"      | 1043 |
| 1106 KFOK  | 102.7 | TX Merkel,"K-Fox"            | 1038 |
| 1108 KTFM  | 102.7 | TX San Antonio,calls         | 1053 |
| 1115 KBFM  | 104.1 | TX Edinburg                  | 1167 |
| 1117 KCYF  | 100.3 | TX San Antonio,"Y100"        | 1053 |
| 1120 KGLF  | 103.3 | TX Freeport,ad               | 913  |
| 1125 KKMV  | 104.5 | TX Orange                    | 783  |
| 1126 KQK   | 106.5 | TX Jacksonville,             | 872  |
| 1137 KSCS  | 96.3  | TX Fort Worth,ID             | 887  |
| 1139 KODM  | 97.9  | TX Odessa,ad                 | 1182 |
| 1142 KEAN  | 105.1 | TX Abilene,"Keen 105"        | 1026 |
| 1144 KJJB  | 105.5 | LA Eunice                    | 703  |
| 1147 KIOC  | 106.1 | TX Orange,"K106"             | 783  |
| 1159 KBNL  | 89.9  | TX Laredo,ID                 | 1182 |
| 1208 KTLK  | 99.7  | TX Tye                       | 1031 |
| 1209 KRYS  | 99.1  | TX Corpus Christi,"K99"      | 1055 |
| 1215 KVLV  | 107.9 | TX Edinburg,calls            | 1167 |
| 1216 KIWW  | 96.1  | TX Harlingen                 | 1166 |
| 1220 KTEO  | 93.3  | TX San Angelo                | 1088 |
| 1232 KBIL  | 92.9  | TX San Angelo,"B93"          | 1088 |
| 1244 WXLK  | 92.3  | VA Roanoke,"K92"             | 158  |

June 11th was a very good general tropo situation, bringing DX in from all directions. A thunderstorm June 12th knocked off WTFM allowing some new loggings. On June 15th while getting FL TV I stumbled onto Bermuda! Had news and ID. 6/16 produced some short skip (as

|                  |       |                                  |      |
|------------------|-------|----------------------------------|------|
| 6/18 Es          |       |                                  |      |
| 1454 KTZA        | 92.9  | NM Artesia,ad                    | 1271 |
| 1500 KGNZ        | 88.1  | TX Abilene,ID                    | 1026 |
| 1518 KIKY        | 94.7  | TX San Angelo,calls              | 1088 |
| 1522 KFST        | 94.3  | TX Fort Stockton,calls           | 1238 |
| 1524 KLTY        | 94.1  | TX Fort Worth,calls              | 887  |
| 1534 KNFM        | 92.3  | TX Midland,calls                 | 1174 |
| 1543 KBAT        | 93.3  | TX Midland,"The Bat"             | 1174 |
| 6/24 Es          |       |                                  |      |
| 2055 KLLL        | 96.3  | TX Lubbock,"K-Tripe L"           | 1116 |
| 2134 KBIL        | 92.9  | TX San Angelo,"B93"              | 1088 |
| 2201 KBTS        | 93.3  | TX Killeen,"B93 Austin"          | 948  |
| 6/26 tr          |       |                                  |      |
| 0150 WZNS        | 99.9  | SC Dillon,calls,"Z93"            | 226  |
| 0159 WAPW        | 99.7  | GA Atlanta,ID                    | 216  |
| 0206 WMAG        | 99.5  | NC High Point,"Magic 99.5"       | 144  |
| 0252 WYCO        | 102.9 | TN Shelbyville,"C103",ID         | 230  |
| + unID           | 90.3  | Es at 1142,likely KKED           |      |
| 6/27 tr          |       |                                  |      |
| 2104 WABZ        | 100.9 | NC Albemarle,calls               | 150  |
| 6/29 tr          |       |                                  |      |
| 0136 WPAY        | 104.1 | OH Portsmouth,"FM104 WPAY"       | 166  |
| at mile 419,I-40 |       | in TN:                           |      |
| 7/4 MS?          |       |                                  |      |
| 1759 WKXW        | 101.5 | NJ Trenton,calls                 | 560  |
| in Kingsport,TN: |       |                                  |      |
| 7/4 Es           |       |                                  |      |
| 1949 KTCL        | 93.3  | CO Fort Collins,calls            | 1249 |
| 2142 KIBQ        | 92.9  | TX Houston,"93Q"                 | 878  |
| 2151 KIOC        | 106.1 | TX Orange,"K106"                 | 783  |
| 2152 KQKQ        | 106.5 | TX Jacksonville,"Hot106.5"       | 872  |
| 2156 KZFM        | 95.5  | TX Corpus Christi,ID             | 1055 |
| 2200 KKED        | 90.3  | TX Corpus Christi,ID             | 1055 |
| 7/5 Es           |       |                                  |      |
| 1913 WQYK        | 99.5  | FL St.Petersburg,calls           | 598  |
| 1917 Radio       |       | New Providence ,s\$,wx,local ads |      |
| 104.5 BAHAMAS    |       | Nassau                           | 851  |
| 1929 WEOW        | 92.5  | FL Key West                      | 827  |
| 1934 WOVV        | 95.5  | FL Fort Pierce,ID                | 633  |
| 1938 WRXK        | 96.1  | FL Bonita Springs,ad             | 699  |
| 1940 WCTR        | 97.3  | FL Miami,promo                   | 747  |
| 1945 WMCQ        | 94.3  | FL Riviera Beach,"Mix"           | 681  |
| 1947 WJOY        | 106.7 | FL Ft.Lauderdale,"Joy 107"       | 727  |
| 1948 WAXY        | 105.9 | FL Ft.Lauderdale,"Waxy"          | 727  |
| 1955 XHGL        | 97.7  | YU Merida,"Estereo Maya"         | 1358 |
| 2003 WBYM        | 90.5  | FL Tampa,calls                   | 584  |
| 2013 WHYI        | 100.7 | FL Ft.Lauderdale,"Y100"          | 727  |
| 2038 WEDR        | 99.1  | FL Miami                         | 747  |
| 2059 KMJW        | 89.1  | KS Wichita,ID                    | 819  |

June and early July has produced some very fine quality Es, though not much quantity. Some great new loggings,very unisue,like Bermuda and Bahamas. Am curious as to power output on both. On 7/5 104.5 was about the strongest station of all! Also Cuba tentative on 102.9. Then XHGL! There were 34 unIDed on 7/5 also. Although short range,strong signals! See you in Syracuse!

**SOUTHERN FM DX**

Sittle, cont.

AUGUST 1989

was common early in the season, it seemed) into LA. 6/18 was a sustained opening of good strength, the first really good opening of 1989. KHOS apparently simulcasts with KIXY at times, says the DJ at KIXY when I called to inquire. 7/4 brought an unusual logging. While driving, WQUT was briefly nulled and suddenly in came "101.5 WKXW" and that was it! 7/5 was probably better than 6/18 due to location of DX. While TV DX to FL isn't unusual at such a short distance, an FM opening of such strength has never before been noticed by me here I read 107.1 and 107.9 in Bahamas are 50 watts only. This station sounded like 100,000 watts, though. Probably audible on the Florida Coast with good equipment. Not sure how Yucatan got in on this opening, but calls and slogan were heard!

**David Shapiro, 484 Hammond Drive, Griffin, GA 30223**

Hello everybody! Since this is my first time in reporting, let me first introduce myself to you FM DXers. I am interested in AM, FM & TV DXing, although I especially enjoy FM DXing, because the FM Es tends to be much clearer with longer duration than your average TV Es. (And I thought TV Es is suppose to last longer, especially at ch 2. DB) I use a Panasonic AM FM stereo with a pointed FM antenna which I can turn in any direction. I am also a college senior attending Georgia College in Milledgeville, GA and my major is in print journalism, although radio broadcasting is a second interest. This fall I have to take three quarters of French, and I am wondering if there are any FM DXers out there who live in the upper New England states or in all Canadian provinces who can hear French Canadian FM stations, especially the rock ones in Canada? I would like to exchange cassette tapes with you all, so I can practice ear training in the French tongue. Any assistance and interest will be appreciated. (Welcome to Southern FM, David. DB)

6/18 Es  
1000 KPLX 99.5 TX Forth,D-Flex, k  
1000 KQZY 105.3 Dallas, Cozy 105,lite r  
On 7/4, I heard more skip during the evening hours. UNID French-Canadian on 96.1 with rock & phone requests in French., unID station in central New York playing rock on 94.1 I normally hear FM stations from the Atlanta-Macon region playing rock, country, oldies and lite sounds.

**Doug Allen, w2cRS, P. O. Box 5646, Woodland Park, CO 80866**

Equipt.: Denon TU 800 & Stereo Probe 9 at 25'

|               |                   |   |  |
|---------------|-------------------|---|--|
| 6/4 ms, trs   |                   |   |  |
| 0701 KWKH     | 93.5              | LA Shreveport, "news from KWKH", 3 sec. burst   |  |
| 2022 KNID     | 96.9              | OK Enid,out of noise 90 sec   |  |
| 6/6 tr        |                   |   |  |
| 2001 Amarillo | 93.1, 94.1 & 96.9 | fairly strg.  |  |
| 2002 KACvt    | 89.9              | TX Amarillo, c  |  |
| 6/7 tr        |                   |   |  |
| 0700 western  |                   | NE stations better than normal at 200-300 miles   |  |
| 6/3 tr        |                   |   |  |
| 2140 Wichita  |                   | stations fairly strong 417  |  |
| 2142 KXLK     | 105.3             | KS Haysville-Wichita, ID "FM-105"   |  |
| 6/13 Es       |                   |   |  |
| 1544 WDBR     | 103.7             | IL Springfield, ID  |  |
| 6/20 Es       |                   |   |  |
| 1951 WQRP     | 88.1              | OH Dayton, ID,promos  |  |
| 1953 WMLR     | 93.1              | IN Indianapolis, ID   |  |
| 1957 WEMS     | 95.5              | IN Indianapolis, IDs  |  |
| 1959 WETU     | 88.9              | IL Charleston, ID   |  |
| 2005 KCLG     | 89.1              | MO St. Charles, ID  |  |
| 2007 CBUF     | 97.7              | BC Vancouver, FF  |  |
| 2011 GPOX     | 99.3              | BC Vancouver, ID, the fox   |  |
| 2148 KXL      | 95.0              | OR Portland, ID   |  |
| 2208 KTPS     | 91.7              | WA Tacoma, local spots  |  |
| 2212 KKSJ     | 97.1              | OR Portland, ID,local spots   |  |
| 2219 KCON     | 92.3              | OR Portland, ID   |  |
| 2220 KKEE     | 94.3              | WA Longbeach 94 Key   |  |
| 2223 KMHJ     | 89.1              | OR Gresham, ID  |  |
| 2237 KOCS     | 94.9              | OR North Bend, "Country 95 K double oh five"  |  |
| 2239 KIQY     | 103.7             | OR Lebanon, ID  |  |
| 2245 KSND     | 93.1              | OR Springfield, IDs   |  |
| 2254 KING     | 98.1              | WA Seattle, cl,IDs  |  |
| 2300 KMTT     | 93.7              | OR Medford, ID,Power 93   |  |
| 2313 KKED     | 92.3              | CA Eureka, ID   |  |
| 2314 KYRE     | 97.7              | CA Yreka, ID  |  |
| 6/21 Es       |                   |   |  |
| 0853 WQID     | 93.7              | MS Biloxi, "QIB"  |  |
| 0859 WMEZ     | 94.1              | FL Pensacola, ID  |  |
| 0901 WKSJ     | 94.9              | AL Mobile, "95 KSJ"   |  |
| 0902 WJST     | 94.5              | FL St. Joe-Panama City, ID  |  |
| 0912 W???     | 99.3              | ?? mention of Magnolia,Camden   |  |
| 0908 WTBbt    | 97.7              | FL Panama City  |  |
| 0916 WCKW     | 92.3              | LA Laplace, ID, "reaching the beaches and rocking the shores"   |  |
| 0926 WBSN     | 89.1              | LA New Orleans, ID, g   |  |
| 0928 KLSA     | 90.7              | LA Alexandria, IDs  |  |
| 0936 KBAU     | 94.3              | LA Galliano,lcl spots,Bayou 94  |  |
| 6/22 tr       |                   |   |  |
| Wichita       |                   | stations in at 417 miles  |  |
| 6/26 Es       |                   |   |  |
| 2053 KATS     | 94.5              | WA Yakima, r, ID  |  |
| 2057 GJJR     | 93.7              | BC Vancouver,lcl spots, no ID   |  |
| 2057 KCMS     | 105.3             | VA Edmunds, g, lcl spot, no ID  |  |
| 2101 KMPS     | 94.1              | WA Seattle, c   |  |
| 2103 KAYO     | 99.3              | WA Aberdeen, ID   |  |
| 2104 KNEV     | 95.5              | NV Reno, local wx   |  |
| 2113 KKEE     | 94.3              | WA Long Beach   |  |
| 2130 KLOS     | 95.5              | CA Los Angeles, ID  |  |
| 2135 KODI     | 93.1              | CA Patterson, oldies,local spots, no ID   |  |
| 2137 KFSD     | 94.1              | CA San Diego,lcl spots, "Country FM 94"   |  |
| 2138 K???     | 88.1              | CA? "Rhythm Radio FM 88" HELP!?   |  |
| 2140 KCHO     | 91.7              | CA Chico, NPR, ID   |  |
| 2142 KJOI     | 98.7              | CA Los Angeles, ID  |  |
| 2152 KWAV     | 96.9              | CA Monterey, ID   |  |
| 2202 KALW     | 91.7              | CA San Francisco, local spots, news, no ID  |  |
| 6/27 tr       |                   |   |  |
| 0840 KUVR     | 97.7              | NE Holdredge, most distant regular 3 kw at 310 mi. Reporting as KKTY, but 12th ed. FM Atlas just received reports this infrequent IDer at KUVR-FM. I'll check it out. |  |

SOUTHERN FM DX

Allen, cont.

AUGUST 1989

6/27 tr, Es
0841-0910 7 99.3 KS? "High Plains Public Radio" New Station(Ithink)part of "High Plains" net. w/wx for KS-NE-CO plains and ID of several stations(dif. freqs.) on the hour. Have missed ID twice.
0920 Wichita stations at 417 mi.,full quiet.
0930 KWKL 106.5 KS Ark. City, o/KMCC 455
2118 KXL 95.5 OR Portland, ID
2132 KKKE 94.3 WA Long Beach

6/27 Es
2137 KSND 93.1 OR Portland, hot shirt promo
2145 KMGE 94.5 OR Eugene, "Magic 94 FM"
2152 KQTX 93.1 CO Grand Junction, ID. What a surprise; I had tried for this many times!
2154 KGON 92.3 OR Portland, ID
2155 KXSN 97.1 OR Portland, local spots, no ID
2205 KSIT 104.5 WY Rock Springs 280
2218 KWYK 94.9 NM Aztec, full quieting

Es not as good as 1988, but it sure is easier to ID stations with 30 "open" frequencies programmed into the Denon and manually scanned compared to the old receiver analog tuning. I was out of town 6/14 thru 6/20, but found a good Es upon arriving home 6/20. This was one of those times that you wish the band wasn't open so that you could(yes, I know I could have)spend the evening with the family. Hope to 300+ stations by end of this Es season (about 15 months of DXing from here)and then put my TV antennas back up and send some reports to Western TV-DX. If I get a better rotator, I'll be able to get all the antennas up at once! Wonder what that SS station on 95.5 was 5/23 when I had tropo ducting into ne Oklahoma. Any ideas? (No, IB) There was no Es at the time. 73

Ken Simon, 513 6th Ave. S., Lake Worth, FL 33460-4507 EST

7/14 tr
0730 WJCT 89.9 FL Jacksonville,Jax men.
0735 WFSM 90.1 FL Fort Meyers, NPR
0738 WSOR 90.9 FL Fort Meyers, ID
4/8 tr
0735 WFSM 90.1 FL Fort Meyers
w/WUSF/WFSM joint ID
0737 WAYJ 88.7 FL Fort Meyers, g
5/20 tr
1405 WHDK 99.7 SC Hilton Head, live show from beach, also IDs
5/21 tr
0810 WALL 99.5 FL Key West, IDs
5/27 tr
1550 WTRU 99.5 FL Jupiter-Tequesta, pre on air testing, EL, open carrier, ID
5/29 tr
0925 WQYK 99.5 FL St. Petersburg, c, ID
0852 Keys, Orlando both in and out
6/2 tr
0705 WCRJ 107.3 FL Jacksonville,traf.rpt.
0715 WWDJ 106.3 FL Avon Park/Sibing
0720 WAVE 102.5 FL Tampa/St. Pete, wx
0725 WXGR 92.5 FL Safety Harbor, CL
6/10 tr
0900 WJCT 89.9 FL Jacksonville

6/11 Es
0800 KUMR 88.5 MO Rolla, ID
0803 KSPQ 93.9 MO West Plains, KSP-ID
0805 KAMS 95.1 AR Mammoth Springs, K-Country
0810 KIRK 103.7 MO Lebanon, KIRK/KJEL ID
0818 KSYN 92.5 MO Joplin, Jasper Co. ment.
0820 KIBR 93.7 AR Fort Smith, Kisser ID
0828 KTTS 94.7 MO Springfield, Spring. ment.
6/18 Es
1038 KEZG 137.3 with KEZG EZ 107 EK
1050 unID 106.3 ad for IL Consolidated Power
1051 WCXT 105.3 MI Hays, ID
1053 unID 103.9 ad for Tenn. State Parks
1053 KEZK 102.5 MO St. Louis, ID,wx,FM102,CDT ts
1055 KYYS 102.1 MO KC, KY 102 ID
1059 WMRV 101.1 IL E. St. Louis,St. Louis nx
1110 WDEM 101.9 IL Springfield, Spring. ment.
1120 WDDD 107.3 IL Marion, W3D ID
1132 KSTZ 105.7 MO St. Louis, Lite Rock 105.7
1136 KRES 104.7 MO Moberly, wx KRES doppler rad.
1140 WTNV 104.1 TN Jackson, Jackson ment.
1150 KUKU 100.3 MO Willow, local ads
1155 KAMS 95.1 AR Mammoth Springs, k, ID
1159 KTTS 94.7 MO Springfield, Ozarks ment.
1200 KSPQ 93.9 MO West Plains, ID
1203 KZLE 93.1 AR Batesville,Batesville ment.
1215 KAPB 88.3 AR Little Rock,w/pledge drive

Nothing very exciting, some Es....WJIS 88.1 and WCIX 87.75 are sort of pests.

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

6/16 Es
1035 WNCM 88.1 FL Jacksonville, wx 990
1040 WZZR 92.7 FL Ft. Pierce, 293, r, ads
1042 WHYL 93.5 FL Vero Beach
1045 WXCV 95.3 FL Homosassa Springs
1055 WONE 98.3 FL Titusville, Great 98
6/18 Es
1005 WOKA 106.7 GA Douglas
1008 WPIQ 101.5 GA Brunswick, 101q, r 980
1010 WAEV 97.3 GA Savannah 970
1012 WGEH 103.9 GA Hawkinsville, calls
1019 WDEB 105.3 GA Macon, ad 820
1020 WQIK 99.1 FL Jacksonville
1026 KZAT 102.1 GA Savannah
1030 WCLA 107.1 GA Claxton
1034 WSGY 100.3 GA Tifton, Y-100, ads
1045 WVFJ 93.3 GA Manchester
1056 WCRJ 107.3 FL Jacksonville
1100 WLPT 88.3 GA Jessup 920
1105 WMCU 89.7 FL Miami, g 1255

6/16 Es
1114 WAPE 95.1 FL Jacksonville
1127 WBAQ 106.3 FL Starke
1131 WGYL 93.5 FL Vero Beach
1138 WNGS 92.1 FL West Palm Beach
6/20 tr
1005 KNZA 103.9 KS Hiawatha, wx 280
6/27 tr
2100 KSPI 93.7 OK Stillwater, ID ex-93.9 3
7/4 tr, new to air
1324 KGAM 90.7 KS Udall, calls, g 100
Es
1830 WKNC 88.1 NC Raleigh, calls 1060
1905 WODC 88.5 VA Virginia Beach, calls
2100 WJFR 88.7 FL Jacksonville, ID 990
2101 WAPN 91.5 FL Holly Hill, ID, \$
2114 WPKA 92.3 FL Orlando, wx 1070
7/7 tr (Thanks to KSPI moving to 93.7)
0216 KOYN 93.9 TN Paris, calls, k, \$ 195

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NEW YORK 14221

FOR DXERS in: Canada, ME, NH, VT, MA, RI, CT, NY, NJ, PA, OH, MI, IN, IL, WI, IA, MN, ND, SD, NE, KS, WY, ID, WA, OR, AK, and HI
JULY 1989

DEADLINE: THE 5TH

Some skip was occurring during May, but June has been relatively dry so far. May 30th was the best so far for some of us. What have you gotten?.....

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

EQUIPMENT: Icom R7000 receiver - Creative Design CLP 5130-1, 25 element, log peiodic at 28' with rotator.

APRIL 1989

1 TrS
0015 WDBA 107.3 PA DuBois, mixing with WPLB, Community Calendar pgm
2 TrS
1902 WMBI 90.1 IL Chicago, weather rpt into relig pgm
3 TrS
2200 CKLP 103.3 ON Parry Sound, loc news, ID
2225 CBON 98.1 ON Sudbury, F, m
8 TrS
1643 WPFB 105.9 OH Middletown, k - ID as "Daytons finest country", weather for Miami valley, format change?
9 TrS
1640 WSRwt 106.7 OH Hillsboro, weak station mixing with WWW with Cincinnati Reds baseball.
19 TrS
1925 WLKI 100.1 IN Angola, fair with ads
MAY 1989
06 TrS
1131 WRSW 107.3 IN Warsaw, good over WPLB with ads
11 TrS
2235 [WHKO] 99.1 OH Dayton, k - good o/WFMK, ex WHIO
13 TrS
1625 WNCI 97.9 OH Columbus, r - contest offer atop WJLB
20 Es & TrS
1248 WJIS 88.1 FL Bradenton, g
1706 WKPX 88.5 FL Sunrise, p
1708 WQCS 88.9 FL Fort Pierce, p
1711 KBNJt 91.9 TX Corpus Christi, perhaps the one with SS talk
1714 KKBO 92.9 TX Pasadena, r - 93Q IDs, prev hrd on 92.5
1721 KLDE 94.5 TX Houston ????. Think KLDE is call here, need new FM Atlas!
1725 KIKK 95.7 TX Houston, k - Kick 96
1727 KPMK 97.9 TX Houston, ads
1731 KLUX 89.5 TX Robstown, bm
1950 WBLX 92.9 AL Mobile, ads
1952 WGTZ 92.9 OH Eaton, ads
1959 WGVU 88.5 MI Allendale, j
2018 WWSM 88.5 MS Hattiesburg, cj - state #29 hrd
2021 WMAW 88.1 MS Meridian, PRM Network with pgm of bluegrass mx, ditto next 3 loggings.

2023 WMAU 88.9 MS Bude
2024 WMAE 89.9 MS Mississippi State
2025 WMAA 91.3 MS Jackson
2049 KSBJ 89.3 TX Humble, g - prev hrd on 88.1
2059 KTSU 90.9 TX Houston, j
2110 [KZPS] 92.5 TX Dallas, r - prev hrd as KAFM
2111 KLTJ 94.1 TX ????, r - said in Texas but which stn???
2113 KAPT 94.7 TX Luling, ID, ads
2217 Unid 90.1 ?? Station here most of evening with American Indian pow wow chanting
21 Ms & TrS
0210 KLLR 99.3 MN Walker, "...it's your better music choice, KLLR....", local CJBC4 off
2056 WSND 88.9 IN Notre Dame, c

Nice to have MUF finally reach FM band after hovering around channel 4 last few days. Hope it happens regularly. 73,

Jeff

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

Equipment: McIntosh FM Tuner - CM Stereo Probe 9 Antenna - Summertime is CDT here.

## May 1989

|  |                                  |  |   |
|--|----------------------------------|--|---|
| 3 MS                                   |                                  | 21 Es (Cont'd)                           |   |
| 0503 WRR                               | 101.1 TX Dallas                  | 2032 KQSW                                | 96.5 WY Rock Springs, k\$, 1255         |
| 0311 KFAN                              | 101.1 TX Fredericksburg          |  | o/WAZY Lafayette, IN                    |
| ???? KYPG                              | 101.1 KS Girard, (Class A)       | 2052 KWVK                                | 94.9 NM Aztec, r\$ 1250                 |
| (I telephoned KYPG. It was their ad)   | 543                              | 2058 KCSU                                | 90.5 CO Fort Collins, t\$ 1070          |
| ???? KWOX                              | 101.1 OK Woodward                | 2100 KAFP                                | 92.9 AZ Flagstaff, \$ 1476              |
| ???? KOSI                              | 101.1 CO Denver                  | 2109 KMGH                                | 93.9 AZ Flagstaff, r\$ 1476             |
|  | 1040                             | 2114 KVNA                                | 97.5 AZ Flagstaff, k\$ 1476             |
| 4 MS                                   |                                  | 23 MS                                    |   |
| 0400 WRR                               | 101.1 TX Dallas                  | 2345 KLIR                                | 101.1 NE Columbus 632                   |
| 5 Es                                   |                                  | 24 tr                                    | (weak, but steady signal)               |
| 1640 KMXR                              | 93.9 TX Corpus Christi,          | 2352 KLLOL                               | 101.1 TX Houston, calls 915             |
| ads \$, ex-KSTE                        | 1098                             | 25 tr                                    | (again weak, steady, but not MS)        |
| 1647 XHSRO                             | 92.5 NL Monterrey, ads \$ 1325   | 0125 KLLOL                               | 101.1 TX Houston, calls 915             |
| 1707 XFF                               | 94.1 NL Monterrey, ads \$ 1325   | 25 MS                                    |   |
| 1724 XHSAB                             | 89.5 NL Sabinas Hidalgo          | 0530 KMZU                                | 101.1 MO Carrollton 434                 |
| 7 MS                                   |                                  | 26 tr                                    |   |
| 1108 KENW                              | 89.5 NM Portales                 | 0600 WLUJ                                | 97.7 IL Petersburg-Springfield, g\$ 233 |
| 8 MS                                   |                                  | 28 tr                                    |   |
| 0507 KMZU                              | 101.1 MO Carrollton              | 0648 WIKQ                                | 94.9 TN Greenville, ads \$ 310          |
| 14 Es                                  |                                  | (Mixing w/WOXP Fairfield-Cincinnati, OH) |   |
| 1900 All Albuquerque, NM area          | 1216                             | 30 tr!                                   |   |
| 1932 KKBZ                              | 101.1 NM White Rock, m\$, 1190   | 0400 KVNE                                | 89.5 TX Tyler, g\$, 773                 |
| "NM's Breeze"                          |                                  |  | previous MS & Es                        |
| 1949 KKSJ                              | 97.3 NM Sante Fe, r\$, 1185      | 0435 KABP                                | 88.3 AR Little Rock, r\$ 532            |
| o/WKKE Fort Wayne, IN                  |                                  | 0620 KIXQ                                | 93.9 MO Webb City-Joplin, 533           |
| 2147 KMRE                              | 95.3 TX Dumas, k\$ 960           | new frequency, ads, k\$, "Kix-94"        |   |
| 2153 KLSF                              | 96.9 TX Amarillo, r\$ 965        | 0800 KNID                                | 90.5 OK Broken Arrow, g\$, 634          |
| 2156 KSOE                              | 91.1 KS Wichita, g\$ 665         |  | previous Es                             |
| 2206 KPDR                              | 90.5 TX Wheeler, t\$ 860         | 30 Es                                    |   |
| 2208 KMML                              | 98.7 TX Amarillo, k\$ 965        | 2247 KCWC                                | 88.1 WY Riverton, r\$ 1195              |
| 2211 KWKL                              | 106.5 KS Arkansas City, m\$, 665 | 2254 KTAK                                | 93.9 WY Riverton, r\$ 1195              |
| "The light music station for Wichita"  |                                  | 31 Es                                    |   |
| 2212 KDJW                              | 94.1 TX Amarillo, t\$ 965        | 1915 KGNZ                                | 88.1 TX Abilene, g\$ 961                |
| 2218 KGAM                              | 90.7 KS Wichita, hard gr\$ 665   | 1925 KGAM                                | 90.7 KS Wichita, g\$ 665                |
| (gave address), "K-Jam, your FM-91"    |                                  | 1937 KMML                                | 98.7 TX Amarillo, k\$ 965               |
| 2230 KCEV                              | 88.3 KS Wichita, g\$ 665         | 1942 KDJW                                | 94.1 TX Amarillo, k\$ 965               |
| 16 MS                                  |                                  | 1944 KRCC                                | 96.5 OK Elk City, k\$ 830               |
| 0638 KPNE                              | 101.1 KS Oberlin, (SID) 795      | 1948 KKNQ                                | 92.5 OK Oklahoma City, b\$ 738          |
| 0641 KPNE                              | 101.1 KS Oberlin, KS nx 795      | 1952 KRKX                                | 93.7 TX Lubbock, k\$ 1017               |
| 19 MS                                  |                                  | 2000 KBXR                                | 97.3 OK Weatherford, r\$ 794            |
| 1223 WRR                               | 101.1 TX Dallas                  | 2007 KSPI                                | 93.9 OK Stillwater, \$, 694             |
| 1545 KLIR                              | 101.1 NE Columbus                | ID during baseball game, previous tr     |   |
| 19 Es                                  |                                  | 2102 KCSU                                | 90.5 CO Fort Collins, t\$ 1070          |
| 1846 KGNZ                              | 88.1 TX Abilene, g\$ 961         | 2113 KYCS                                | 95.1 WY Rock Springs, r\$ 1255          |
| 1900 KNTU                              | 88.1 TX Denton, j\$ 809          | 2131 KTCL                                | 93.3 CO Fort Collins, pr\$ 1070         |
| 21 Es                                  |                                  | 2135 K3QI                                | 96.1 CO Greeley, r\$ 1055               |
| 2002 KCWC                              | 88.1 WY Riverton, j\$ 1195       | 2152 KRRA                                | 93.7 CO Craig, r\$, 1140                |
| 2009 KTRZ                              | 93.1 WY Riverton, r\$ 1195       | "CO's newest radio station," ex-KRAI?    |   |
| (???? - ID found taped - I was asleep) | o/WKLR Indianapolis              | 2202 KWBI                                | 91.1 CO Morrison-Denver, \$ 1045        |

## Meteor Scatter Findings:

|          |  |                     |   |
|----------|--|---------------------|---|
| 5/3 WRR  | "...WRR Dallas-Fort..."  | and that's wild..." |   |
| KFAN     | "...KFAN..."   | 5/16 KFNF           | "...KFNF..." (SID)  |
| KYPG     | "...from Chicken Annie's of Girard. Let them cater all your graduation parties for a very low price. Call 724-4..."            | KPNF                | "...You're listening to the Kansas Information Network. The number of accidents on Kansas railroads has climbed by four percent last year..." |
| KWOX     | "...brought to you by the bank of Woodward. Some areas of showers and thundershowers...over the Central Oklahoma panhandle..." | 5/19 WRR            | "...The Dallas Symphony Orch. announces the sights and sounds of summer. Three outdoor concerts..."   |
| 5/4 WRR  | "...Don't smoke. Make music in your life instead. At 101.1 this is WRR-FM Dallas-Fort Worth..."                                | KLIR                | "...101-KLIR. Aretha Franklin and Elton John...a storm..."  |
| 5/7 KENW | "...wx for the E. NM area..."  | 5/23 KLIR           | "...from KLIR, the vortex weather forecast..."  |
| 5/8 KMZU | "...boys, KMZU,..."  | 5/25 KMZU           | "...currently at KMZU, it's 5:30..."  |

ROBERT ROSS - BOX 4373 STN C - LONDON, ONTARIO NSW 5J2

RECEIVERS: Vikings SC5813, Marante 2226 ANTENNA: Beam

## MAY 1989

## 9 Tr

2308 CFMX1 96.3 ON Mississauga, classical music, ID as CFMX &amp; CFMX1 given at 2330.

## 14 Es

2300 KOHM 89.1 TX Lubbock, spot for "Music at the turn of the century" Sunday nights 10 to 12 on KOHM-Lubbock into classical mx psm

2306 KZOR 94.1 NM Hobbs, calls, phone dedications on "The Z", OM DJ, into soft rock mx

2320 KFMX 94.5 TX Lubbock, calls, spot for "West Texas Beach Party" sponsored by "FMX", severe wx warnings for Lubbock

## 20 Es

1714 KSAU 90.1 TX Nadasodoches, reggae psm, calls, into songs called "Jamaica Needs Money", talk about Hurricane Gilbert.

1721 KTSR 92.1 TX College Station, calls, DJ "I'm Dan Rush", local ads wx report; ID as "92.1 KTSE" at 1723

1924 WBKN 92.1 MS Brookhaven, c/w mx, time check, ad for Ford Dealer in Brookhaven, concert spot

1936 WBSN 89.1 LA New Orleans, gospel mx, ID as "89 FM with Dave Barnett", "Your Christian Station - WBSN"

2108 KPHN 94.5 AR Barling, OM DJ with ID only "94.5 KPHN FM", mixing and QSB (???-sc)

## 24 Tr

2245 WNSN 101.5 IN South Bend, ID as "Sunny 101.5", rock mx

2309 WBNI 89.1 IN Ft. Wayne, concert spot in Ft. Wayne, big band and jazz mx, jazz festival spot.

2344(WHKD) 93.1 OH Dayton, C/W mx, all new K-99.1 FM, accu weather for Dayton, ex:WHIO

## 26 Tr

0853 WBLV 90.3 MI Blue Lake, wx for Western Michigan and Muskegon area, ID as "WBLV FM 90.3" into classical music.

GUS MANCUSO - 5615 INWOOD ST. - HYATTS, MARYLAND 20785

Re 5/89 VUD (My letter, pg. 29) I said Bill's bandscan wasn't kosher because stations weren't received in a short one time span. He says they were only stations picked up "regularly": what does that mean? (he meant stations that could be heard daily-sc) Picked up more than once? 5X? 10X? It's analagous to saying you have 23 best friends (I don't see it-sc). To do a bandscan from homebase, I think it would be better to limit it to those stations which always come in. This would make it more like a regular (one time shot) bandscans such as a vacation trip.

I haven't gotten any skip this "summer" yet but I have noticed that "morse code sound" on AM. Can someone explain what that noise is? Keep it up. Gus Mancuso

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

EQUIPMENT: Pioneer TX9100 tuner w/roof Radio Shack 5 element FM antenna mounted 20', coax, rotor used.

## MAY 1989

## 13 Trs

1845 WNCO 101.3 OH Ashland, k, calls o/CKDT/WRMM

2226 WPTW 95.7 OH Piqua, over mess with Reds game

## 14 Trs

1604 WGLE 90.7 OH Lima, ID as FM 91

1730 WKQZ 93.3 MI Midland, Rush AOR, Z 93 - KQZ

17 Tr

2130 WNFA 88.3 MI Fort Huron, dis, Bluewater area mention, o/WAER.

## 20 Es

1715 KBTS 93.3 TX Killeen, B-93, r\$ by Bette Midler and Dino

1723 KNFD 95.5 TX Waco, k\$ K-95

1726 KCVY 100.3 TX San Antonio, k\$, wx, Y100

1726 KFAN 101.1 TX Fredericksburg, m\$, K-Fan, satellite fed

1739 KNAV 92.5 TX Navasota, oldies, legal ID, new to air

## JUNE 20th Es

1741 KTRS 95.5 WY Casper, "The Wyoming Hit Music Machine"  
 1751 KRPS 89.9 KS Pittsburg, NPR  
 1835 KTLG 93.3 OK Ada, local ads  
 1839 KTRI 95.9 MO Mansfield, calls, ad  
 1842 KURD 100.3 MO Willow Springs, r\$, calls, mention Royals BB  
 1857 KKAJ 95.7 OK Ardmore, k\$, strong  
 1931 KWJM 92.7 LA Farmerville, wx, Roy Orbison song, ID w/KTBL AM  
 1943[WOHT] 95.5 MS Jackson, Hot 95, ex: WLIN  
 1948 WTYX 94.7 MS Jackson, 94-Tyx.  
 1958 KQID 93.1 LA Alexandria, 93-QID, Radio Candy.  
 2038 KHYI 94.9 TX Arlington, promo, Y-95  
 2043[KJMJ] 100.3 TX Dallas, r\$, 100.3 Jams, ex: KMEZ  
 2107 KVRP 95.5 TX Haskell, k  
 2108 KWZD 103.7 TX Hamlin, k\$, Wizard 103.7

## 30 Es

2100 KNYD 90.5 OK Broken Arrow, legal ID  
 2118 WQLT 107.3 AL Muscle Shoals, Q-107  
 2115 WJIN 98.7 MS Vicksburg, k\$, Win-98.  
 2129 WTYX 94.7 MS Jackson, 94 Tyx, local strength, CHR (\$)  
 2144 WTTB 104.9 MS Iuka, local ads  
 2145 KZLR 94.9 AR Pine Bluff, r\$, KZ-95  
 2147 WCPC 93.3 MS Houston, calls  
 2159 WNOE 101.1 LA New Orleans, AM 1050 - FM 101, k\$  
 2008 unID 101.9 local strength, only "FM 102", r\$  
 2020 unID 96.5 "J-97"

## 31 Es

1732 90.5, 92.3 Halifax, Nova Scotia  
 2000 KEBC 94.7 OK Oklahoma City, k\$, legal ID, Top 7 at 7  
 2001 KCSC 90.1 OK Edmonds, ID with Oklahoma City.  
 2008 KRKZ 93.5 OK Aitua, All Hit 93-5 KRKZ, Top 10 at 10 promo  
 2027 KWEN 95.5 OK Tulsa, K-95 K\$  
 2029 KLSC 104.7 TX Lamesa, classic rock (\$)  
 2031 KTEZ 101.1 TX Lubbock, K-Lite 101.1  
 2035 KRPT 103.7 OK Anadarko, ads  
 2041 KUFD 100.3 TX Lamesa, Oldies 101 FM (yes, 101!)

May 30th was one of the strongest E skip openings I've ever seen; it did not last long though. Many stations were at local strength, even a unID 100.1 (class A) made it to local strength. Toronto was being overrode all night with 95.9 Buffalo being overridden as well. After that though, the was only one more skip; the next day. The first 11 days of June have been FM "skipless" for me. Trops have been poor this year, as well. I would like to explain what I mean by a bandscan. I have spoken with other members and they feel this way too. We feel it should include "regulars", not just a list of local stations. There was some question as to what a "regular" is. It is a station that can be picked up every day with the DXers equipment at his location. Example: Here in Clarence, WHTZ 100.3 Newark is listed on my bandscan. It is not in all the time, but if you sat by the radio all day, you would hear a sign of it each day.

Logos courtesy of Bill Nienajadly, Joe Fela, and Larry Fuss. Thanks!



731  
Greg

## MARCH 1989

13 Au  
 1820 WSIP 98.9 KY Paintsville 600  
 13 ES  
 1825 CKIS 97.5 MB Winnipeg 1300  
 1833 CITI 92.1 MB Winnipeg 92 Citi FM  
 1842 CHIO 94.3 MB Winnipeg Q-94 FM  
 1844 CKWG 103.1 MB Winnipeg  
 1900 CFTI 92.1 ON Timmins, "CNT" Canadian Country Satellite Ntwrk 620  
 1910 CRON24 90.7 ON Kapuskasing, French/MONO 710  
 1930 CBCB 91.9 ON Hearst, FRENCH / RCI 775  
 1951 FM NOISE BACK TO NORMAL (1 LED on 99.7)  
 2020 FM NOISE ON THE RISE (4 LEDs of 6)  
 The following were VERY WEAK, not sure of mode  
 2025 WJCH 91.9 IL Joliet, FAMILY RADIO 800  
 2035 unID 92.3 AOR station, Z-92, probably KEZO??  
 2050 WAAG 94.9 IL Galesburg, FM 95, k  
 2100 unID 99.5 ?? ID sounds like WJYM? (Atlas #12???)  
 2114 KBEZ 92.9 OK Tulsa (that's odd)  
 The following were strong as heck!!  
 2220 KESY 104.5 NE Omaha  
 2223 WFYR 103.5 IL Chicago, "FIRE" 775  
 2223 WRWC 103.1 IL Rockton 840  
 2223 KFMQ 101.9 IL Lincoln, 6LEDs!  
 2224 KMAJ 107.7 KS Topeka  
 2226 KJJC 106.9 ?? "Your home in the Country"  
 2228 KRVR 106.5 IA Davenport, 6LEDs  
 2229 KLYV 105.3 IA Dubuque, K-LIVE-105  
 2230 BAND DEAD AGAIN (Chance to run to the potty)  
 Here it comes again, 2 and 3 deep and strong too!  
 2235 unID 95.9 CTZ "the music station"  
 2237 KEZG 107.3 NE Lincoln, G, "EZ 107"  
 2238 KQKQ 98.5 IA Council Bluffs  
 2246 KOKZ 105.7 IA Waterloo  
 2247 KGRD 105.3 NE Orchard, G 1325  
 2249 KDMG 103.3 IA Pella ALL GOLD 103  
 2250 KXIA 101.1 IA Marshalltown  
 2259 WDCE 90.9 IL Glenn Ellyn 800  
 2301 KGGD 94.9 IA Des Moines  
 2303 KGBI 100.7 NE Omaha 1235  
 28 Tr  
 0629 WGTY 107.7 PA Gettysburg "Country 107"

## MAY 1989

3 Tr  
 1643 WGY 99.5 NY Schenectady (Bill, WGFM did change to WGY-sc)  
 B GW  
 1921 WFHN 107.1 RI Fairhaven, THIS IS ONE WEAK STATION. "Bristol County's own music station"  
 (I don't doubt it cuz it sure does not make the 65mi across the water at all!!!)  
 1947 unID 104.5 ?? The hottest hits, Q104 all hit radio  
 9 MS  
 1641 WMC 99.7 TN Memphis FM 100  
 1913 WRFK 99.7 NC Kannapolis 640

I just realized that I haven't reported since last summer, of course there is a correlation between the quality of reception, available time and DXing. Nonetheless, there was the fabulous Aurora/Es event of March 13th. I've read everyone elses' accounts of it, now here's mine! I got home from work about 5:45PM and as usual, flipped on the switch which also turns on the amp, tuner and dedicated tape deck. At this point I thought it was time to bring the tuner in for repair as there were 4 of 6 LEDs of noise!, on all frequencies too. Normal is 1 maybe 2 LEDs. Checking the TV yielded what appeared to be CH 8 FM overload on all VHF Lo channels.



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

EQUIPMENT: GE Superadio/FM Quad Loop

## MAY 1989

17 Tr  
2237 WCIZ 97.5 NY Watertown, Ex WNCB  
19 Tr  
2319 WNY5 104.1 NY Buffalo, oldies mx  
(calls are WHTT-9c)

## 20 Es

1840 KCPW 94.9 MO Kansas City, Power 95 Rock  
1850 KHUM 95.7 KS Ottawa, KS Soft RR "96 Hum FM"  
1955 KGUS 97.5 AR Hot Springs, "US-97"

CHARLES GAUTHIER - 3260 BEAULIEU - BROSSARD, QUEBEC 24Z 2P7

EQUIPMENT: JVC RX-150 BK Digital Receiver w/Rabbit Ears

## MAY 1989

19 Tr  
1025 WRVO 89.9 NY Oswego 209  
26 Tr  
2200 CBV 95.3 PQ Quebec 146  
CBOF7 102.1 ON Brockville 126  
CHXL 103.7 ON Brockville 126  
CHEQ 101.1 ON Smith's Falls 135  
2320 CHEZ 106.1 ON Ottawa  
o/CIMO Masos 112

## 27 Tr

0020 CBVE 104.7 PQ Quebec 146  
0025 CKCU 93.1 ON Ottawa  
heard on 93.2 112  
0057 CKRL 89.1 PQ Quebec 146

-Boy, the difference between conventional and digital tuning is amazing! I can't wait for the skip to go over 88 Mhz. The JVC receiver has got 50 dB quieting sensitivity and as you saw in the report its precision is to the tenth (93.1, 93.2, 93.3, etc). For example, since I've got WEZF 92.9 Burlington, VT overloading on 93.0 and 93.1, the only way to pick up CKCU 93.1 was by looking on 93.2, and there it was! Those stations were picked up by rabbit ears; after some tests, I realize that the rabbit ears work as well as the outdoor antenna, without the overloading. That's it for now.

73's Charles

## REPORT TO NORTHERN FM DX

BILL NOLLMAN - 8 AUTUMN WAY - BOZRAH, CONNECTICUT 06334

## NOVEMBER 1988

## 1 Tr/MS

1117 WHKS 94.9 PA Harrisburg, "The New Kiss 95 FM" 260  
1117 unID 94.9 EZ-95

## 2 MS

1212 KZLR 94.9 AR Pine Bluff, "KZ95, Arkansas Quality...."  
29 MS  
2358 WILV 94.9 WI Barbaroo, "agency in Barbaroo" 910

## DECEMBER 1988

## 5 MS

0654 WDFX 94.9 OH Fairfield, "Here at the Fox" 660

## JANUARY 1989

## 20 MS

940 WRDX 106.5 NC Salisbury 640

**KLCLAM/KLFLA-99 FM**  
P.O. Box 3067  
Lake Charles, LA 70602



JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - McIntosh MR-78 tuner, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

Time: ELT

## APRIL 1989

19 TrS  
1528 {WKNE} 103.7 NH Keene, "KNE-FM", r,  
mentions of NH, ex-WNBX 197

## MAY 1989

18 Es  
2100 WRMB 89.3 FL Boynton Beach, ID, g 1022  
19 Tr

2000-2400 Very strong to Providence, Cape Cod  
and New Bedford. Fair to Boston.  
2048 CBAF-30 107.3 NS Yarmouth, CBC French 480  
2143 WVOF 88.5 CT Fairfield, PSA, ID 71  
2249 WUMB 91.9 MA Boston, ID, Black pgm. 213  
2304 CIOO 100.1 NS Halifax, call + C-100,  
ending British rock pgm 618  
2306 CBHM 106.5 NS Middleton, ending CBC  
nx, into extensive Maritime wx forecasts 562

## MAY 1989

20 Es  
1850 KYEZ 93.7 KS Salina, "KY-94", k 1239  
1923 KFXit 92.1 OK Marlowe, sat. feed,  
no local ads, only "Foxy 92" IDs  
1931 KKNG 92.5 OK Oklahoma City, b, ID 1304  
1943 KTLS 93.3 OK Ada, ads 1282  
1950 KADA 96.7 OK Ada, KADA-FM ID, ads 1282  
1951 KISR 93.7 AR Ft. Smith, "Kisser 93"  
+ call, r. 1146  
2045 KBEZ 92.9 OK Tulsa, ID, Big Band  
Saturday Night. 1203

NOTES: WLNG-92.1 NY is now running all night  
as is WXCX-103.7 MD. Word has it that WCEI-  
96.7 MD will be going AN as soon as they  
raise power.

73, Joe

BILL KRETSCHMER - 104 KOPP AVENUE - NORTH SYRACUSE, NEW YORK 13212-1606

EQUIPMENT: Yamaha TX900U, 2 CM Stereo Probe 9's Stacked, CAC11 coax, CM 9510 rotor

## MAY 1989

## 20 Es

1818 unID 90.1 Spanish  
1819 unID 90.9 NPR  
1841 KMDD 97.5 OK Tulsa  
1854 KISR 93.7 AR Ft. Smith  
1901 WXL 94.1 MS McComb/Baton Rouge  
1925 KITT 93.7 LA Shreveport  
1928 KAFX 95.5 TX Daboll  
1930 KNUE 101.5 TX Tyler

## 20 TrS

1820 WGLS 89.7 NJ Glassboro  
29 TrS  
1142 WWRX 103.7 RI Westerly WQNY null  
30 Es

2100 WMPR 90.1 MS Jackson  
2100 WDKK 97.1 MS Meridian  
2106 WWMS 97.5 MS Oxford, Miss 98  
2107 WHRK 97.1 TN Memphis Power 97  
2109 WTBC 95.3 TN Brownsville, gospel  
2110 WWKZ 103.5 MS New Albany, KZ103  
2113 WYNK 101.5 LA Baton Rouge  
2132 WTNV 104.1 TN Jackson  
2133 WRVR 104.5 TN Memphis Lite FM 104.5  
2134 WAKH 105.7 MS McComb, K106  
2138 KXKZ 107.5 LA Ruston  
2140 WOHT 95.5 MS Jackson Class FM  
2142 KITT 93.7 LA Shreveport  
2155 KTAL 98.1 TX Texarkana, 98 Rocks  
2200 KTUX 98.9 TX Carthage  
2200 KNUE 101.5 TX Tyler  
2211 KAEZ 95.3 TX Gilmer  
2212 KGAP 92.7 AR Gurdon  
2219 unID 100.1 oldies  
2227 FM Es ends

## JUNE 1989

## 1 TrS/Lightning Reflection (LS)

0237 WEZG 100.9 N Syracuse off  
Heavy T-storm, direct lightning  
strike knocked them off



P.O. BOX 400 III KEENE III NEW HAMPSHIRE III 03431

REPORT  
TO  
NORTHERN  
FM DX

**Magics**  
**95 FM**  
DOWNS BROADCASTING, INC.  
P.O. BOX 604  
PRATTVILLE, ALABAMA 36067  
Tel. 205/365-0393

## BILL KRETSCHMER'S REPORT - continued

## JUNE 2nd Tr

0238 WEAZ, WCBS-FM 101.1 Mix  
 0242 WHUD 100.7 NY Peekskill  
 0245 WFMZ 100.7 PA Allentown, WHUD mix  
 0249 WEZG Back on  
 3 Tr  
 0018 WPLR 99.1 CT New Haven WPLM mix  
 2306 WGBH 89.7 MA Boston

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

## MARCH 1989

31 TrS-WNTI off  
 0750 WBGD 91.9 NJ Bricktown, ID

## APRIL 1989

18 GW local 89.1 off  
 1644 WJFM 89.1 NJ Trenton, ID  
 24 TrS - WQXR 96.3 off  
 0349 unid 96.3 country CFMK?  
 30 Tr/TrS/MS-WQXR off  
 0108 WNTX 96.3 RI Nantucket, ID  
 0140 CFMKT 96.3 ON Kingston  
 0157 unID 96.3 loud beautiful music burst

## MAY 1989

3 GW/TrS WSOU and WRTN off  
 1427 WPKN 89.5 CT Bridgeport, ID, weak!  
 1524 WSBG 93.5 PA Stroudsburg, ID  
 1500 unID 93.5 "B 93-5" soft rock (Bill, this is WIBQ Remsen, NY-sc)

## 7 Es

Brief to 94.1 at 2234, no IDs  
 14 Es MUF ch6 at 1410 briefly

## 15 Tr

0125 WPLR 99.1 CT New Haven, OVER WAWZ  
 0133 WLNE TV6 RI Providence  
 1015 Atlantic City super strong, Washington and Baltimore on UHF!  
 2000 Trops even stronger, all Atlantic City in, Philly, South Jersey all stronger than NYC locals!  
 UnIDs under 93.9, 99.5, 100.3, 101.9, 104.3, 105.1, 106.7, NYC locals!  
 2018 WSNJ 107.7 NJ Bridgeton, slopping on WEBE 107.9  
 2028 WRDR 104.9 NJ Egg Harbor, stronger than adj WNSR 105.1 local!  
 2029 WMID 99.3 NJ Pleasantville, Super  
 2029 WJYZ 100.1 NJ Manahawkin  
 2030 WZXL 100.7 NJ Wildwood OVER WHUD semi local  
 2040 WDBM 92.7 NJ Toms River, OVER WDRE local!  
 No slop to Philly, AC, S. Jersey even with ANT pointed to NYC!  
 18 Es brief MUF to 97.3, ch 3 Tampa logged  
 2050 unID 96.5 crossover, Fla, likely (probably WPOW, WHTQ is AOR-sc)  
 20 Es to 99.9 OK/KS/MO/AR/more?

1845 KICT 95.1 KS Wichita, ID  
 1853 KKAJ 95.7 OK Ardmore, ID, new state, Es distance record  
 1856 KEMV TV6 AR Mountain View "AETN"  
 1926 unID 96.7 "Magic 96.7" ment Domino's Pizza  
 unids 94.3, 96.7, 99.9 country, 96.7 oldies, 90.1 ment Minnesota Public Radio  
 1938 KOTV TV6 OK Tulsa, ID, ads for Tulsa area, Southwestern Bell  
 1953 unIDs Cardinals BB on 95.9 and 97.5  
 Approx fadeouts at 2020

## 21 Es

Greg noticed Es activity - nothing really developed here, just minor 2 and 4 CCI.

The season is sure here! The Es is getting more frequent and higher MUF each time. The may 20 opening was a good one! I'm sure this year will be excellent! Unusually strong trops have been noted, with many Philly and Atlantic City stations heard even with the antenna pointed to NYC! I hope to get a positive ID next time around on CFMK, it would be the first Canadian logging here. May super Es grace your airspace! Hope to see y'all at Syracuse. Until then....GOODDXING! Bill

5/20 KKAJ 95.7 1322 mi - Best Es! Totals 216 - FMs Whopee!

GREG CONIGLIO  
 5100 GLENWOOD DRIVE  
 WILLIAMSVILLE, NEW YORK 14221

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

## AUGUST 1989

## DEADLINE: THE 5TH

I apologize for the lateness of the last two columns. The column was delayed in the mail TWICE in a row! Hopefully this one will make it! While most considered June to be a bad month, July opened up with a bang! There were several good openings, July 4th seemed to be the best. Some DXers (including myself) feel it was the best they've heard. How about you? Let's see YOUR Summer 89 DX report!...

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

EQUIPMENT-GE Superradio, quad loop

## 5/20/89 Es

1840 KCPW 94.9 MO Kansas City, "Power 95", RR mx (Rock and roll?-sc)  
 1850 KHUM 95.7 KS Ottawa, "95 Hum FM", soft RR (note calls, Harry-sc)  
 1955 KQUS 97.5 AR Hot Springs, "US-97"

## 5/30 Es

2113 KZLR 94.9 AR Pine Bluff, "Z-95" (Sure it's not KZ-95?-sc)  
 2126 KLAZ 105.9 AR Hot Springs. Not sure of frq. Definitely not 105.3 (New FM Atlas shows them moved to 105.9-sc)  
 2132 KSNE 104.3 AR Marshall, c/w mx  
 2147 KKKW 97.1 OK Muskogee, oldies RR, Quick 97, had reverb sound  
 2156 KJEM 95.3 MO Seligman-Bentonville, RR mx  
 2200 KQMJ 99.5 OK Henrietta, ID, "Magic", soft RR  
 2210 KUKU 100.3 MO West Plains, tentative, assume this w/Royals BB (City of license in Willow Springs. I heard them May 20 and they had a promo for Royals BB so they do play it-sc)

## 6/24/89 Tr

2248 WKPO 105.3 NY Hornell, really strong w/RR, abrupt sign off at midnight

0000 WKYN 97.5 PA St. Marys, RR mx

## 7/1/89 Tr

2118 WKPO 105.3 NY Hornell, this in and out strong again and am hoping that this is a harbinger of good trops tonight. You'll find out next month!

I am mailing this Sunday the 2nd so if I make the column it will be because of divine intervention probably (Someone up there likes you; it made it!-sc) Believe it or not, no Es was noted on FM for all of June. This is record BAD (It was horrible in the Buffalo area too-sc). Is everyone else having such a lousy Es season? Maybe all the moisture here in the East this year will serve to provide us with some good trops.

That's all for this month.

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

## 5/30/89 Tr

0100 WRHP 107.9 NY Syracuse  
 2124 WYNK 101.5 LA Baton Rouge  
 2129 WJDB 101.3 MS Meridian  
 2140 WNOE 101.1 LA New Orleans  
 2200 WBSN 89.1 LA New Orleans  
 2217 WEVL 88.9 TN Memphis

## 5/31 Es

2210 WEVL 88.9 TN Memphis  
 2219 WCLK 91.9 GA Atlanta  
 2220 WYFK 89.5 GA Columbus

## 6/11 Es

0300 KUSD 89.7 SD Vermillion

## 6/25 Es

1359 WPCB 91.9 GA Atlanta

## 6/27 GW

1700 CJHP 91.3 PQ Montreal, Testins: The Montreal International Jazz Festival was granted a permit to operate on this frequency from June 29th to July 9 to broadcast concerts into and jazz; power: 20 watts. Good stereo signal; distance: 7 miles.

Equipment: JVC RX-150BK Digital synthesizer receiver; rabbit ears. 73 and good DX

KZZP  
 104.3m

**KEGS/FM**

1013 West 12th • Emporia, KS 66801

| June 1989   |                                  | 14 Es (cont'd)        |                                 |
|---|----------------------------------|-----------------------|---------------------------------|
| 1 MS  |                                  | 0922 WGR              | 97.3 FL Miami, r\$ 1040         |
| 0513 KIXQ   | 93.9 MO Webb City-Joplin 533     | 0928 WKQS             | 99.9 FL Boca Raton-Miami 1002   |
| (See end of report for MS information)                                      |                                  |                       |                                 |
| 2 tr  |                                  | 0929 WNFJ             | 99.9 FL Palatka-Daytona 760     |
| 0550 WPCJ   | 91.1 MI Pittsford, g mono, 123   | 0935 WPOW             | 96.5 FL Miami, r\$ 1040         |
| (ID, but NO IDs on hour during the night)                                   |                                  |                       |                                 |
| 0831 WMR  | 107.7 IN Monticello, rk\$ 74     | 0945 WINK             | 96.9 FL Fort Myers, r\$ 959     |
| 3 MS  |                                  | 0951 WQEZ             | 99.3 FL Fort Myers Beh. b\$ 964 |
| 0137 KOYN   | 93.9 TX Paris 719                | 0958 WSOR             | 90.9 FL Naples-Port 992         |
| 0638 KOYN   | 93.9 TX Paris 719                |                       | g\$, Myers-Cape Coral           |
| 4 MS  |                                  | 15 Es                 |                                 |
| 0133 KOYN   | 93.9 TX Paris 719                | 1210 KMXR             | 93.9 TX Corpus Christi, r 1098  |
| 0142 KTEO   | 93.9 TX San Angelo 1025          | 1212 XET              | 94.1 NL Monterrey, ID \$ 1325   |
| 0411 KMXR   | 93.9 TX Corpus Christi, 1098     | 15 MS                 |                                 |
| Previous Es   |                                  |                       |                                 |
| 5 MS  |                                  | 1500 KVNE             | 89.5 TX Tyler 773               |
| 0525 KRNA   | 93.9 IA Iowa City 337            | 16 MS                 |                                 |
| 0719 KMXR   | 93.9 TX Corpus Christi 1098      | 0902 KVNE             | 89.5 TX Tyler 773               |
| 6 tr  |                                  | 16 Es                 |                                 |
| 0458 WDBM   | 88.9 MI East Lansing, p\$, 180   | 1130 WPCS             | 89.5 FL Pensacola, g\$ 682      |
| on air, "89-FM The Impact"  |                                  |                       |                                 |
| 7 MS  |                                  | 17 MS                 |                                 |
| 0137 KOYN   | 93.9 TX Paris, finally! 719      | 0948 KMKM             | 93.9 SD Rapid City, SID, 953    |
| 1400 KVNE   | 89.5 TX Tyler 773                | 18 MS                 |                                 |
| 8 MS  |                                  | 0038 KRNA             | 93.9 IA Iowa City 337           |
| 0549 KTEO   | 93.9 TX San Angelo 1025          | 18 Es                 |                                 |
| 8 Es  |                                  | 0917 WMCU             | 89.7 FL Miami, g\$ 1040         |
| 0900 WMCU   | 89.7 FL Miami, g\$ 1040          | 0929 WSOR             | 90.9 FL Naples-Port 992         |
| 0901 WDNA   | 88.9 FL Miami, p mono 1040       |                       | g\$, Myers-Cape Coral           |
| 9 MS  |                                  | 0948 WAVV             | 101.1 FL Marco, rm\$, 1006      |
| 0023 WZZU   | 93.9 NC Burlington, 431          | 1006 WQLM             | 92.7 FL Punta Gorda, b\$ 935    |
| Previous tr   |                                  |                       |                                 |
| 0340 KILQ   | 93.9 CO GO Springs 1040          | 1039 KTSU             | 90.9 TX Houston, s\$ 915        |
| 0546 KOYN   | 93.9 TX Paris 719                | 1047 KQXY             | 94.1 TX Beaumont, r\$ 854       |
| 11 tr   |                                  | 1048 KMFA             | 89.5 TX Austin, wx \$ 978       |
| 0337 WZZU   | 93.9 NC Burlington, r\$ 431      | 1050 WTUL             | 91.5 LA New Orleans, p\$ 754    |
| 0400 WMEV   | 93.9 VA Marion, k\$ 315          | 1053 KMXR             | 93.9 TX Corpus Christi, r 1098  |
| 0500 WPVR   | 94.9 VA Roanoke-Lynchburg, 335   | 1101 KLUX             | 89.5 TX Robstown, m\$ 1108      |
| b\$, o/WOPX   |                                  |                       |                                 |
| 0505 WRVL   | 88.3 VA Lynchburg, g\$ 375       | 1102 KOIR             | 88.5 TX Edinburg, SS, \$ 1210   |
| 0800 WKSI   | 98.7 NC Greensboro, r\$ 416      | 1126 KOYE             | 94.9 TX Laredo, r\$ 1192        |
| 0858 WOUL   | 89.1 OH Ironton, f\$ 185         | 1148 XHSAB            | 89.5 NL Sabinas Hidalgo 1280    |
| 0858 WOU  | 89.1 OH Cambridge, f\$ 197       | 1150 KHOY             | 88.1 TX Laredo, b\$ 1192        |
| (Both o/WBNI Fort Wayne in different directions and //91.3 WOUB Athens, OH) |                                  |                       |                                 |
| 0905 WVTF   | 89.1 VA Roanoke, VA nx, \$, 335  | 1222 XHNK             | 99.3 TA Nuevo Laredo, \$ 1195   |
| (in and out o/WBNI w/WOUL and WOU)  |                                  |                       |                                 |
| 0945 WKSF   | 99.9 NC Asheville, r\$, 354      | 1422 KPLV             | 93.3 TX Port Lavaca, r\$ 1020   |
| "Kiss-FM"   |                                  |                       |                                 |
| 12 tr   |                                  | 1425 KLQ              | 101.1 TX Houston, r\$ 915       |
| 0117 WLCS   | 98.3 MI North Muskegon, r, 217   | 20 Es                 |                                 |
| (WZZY off air on Monday mornings)   |                                  |                       |                                 |
| 12 Es   |                                  | 1529 KTKT             | 88.1 TX Lubbock, r\$ 1017       |
| 1215 XHNOE  | 91.3 TA Nuevo Laredo, SS \$ 1195 | 2100 KTSC             | 89.5 CO Pueblo, r\$ 1037        |
| (plus other Laredo area relogs)   |                                  |                       |                                 |
| 13 MS   |                                  | 2101 KRAZ             | 96.9 NM Farmington, k\$ 1260    |
| 0559 KHCD   | 89.5 KS Salina 658               | 2120 KCKK             | 101.1 UT Kanab, k\$, ads 1460   |
| 14 Es   |                                  | 23 Es                 |                                 |
| 0821 WJIS   | 88.1 FL Bradenton, g\$ 892       | 2055 KMXR             | 93.9 TX Corpus Christi, r 1098  |
| 0825 WFIT   | 89.5 FL Melbourne, p\$ 885       | 24 MS                 |                                 |
| 0916 WAFG   | 90.3 FL Fort Lauderdale, 1018    | 0031 KTEO             | 93.9 TX San Angelo 1025         |
| o/WBOL, gave address, g\$   |                                  |                       |                                 |
|   |                                  | 0158 WGSJ             | 91.1 IL Loves Park- 240         |
|   |                                  |                       | g\$, Rockford                   |
|   |                                  | 29 tr                 |                                 |
|   |                                  | 2148 WBNE             | 88.5 IL Pekin, g\$, 220         |
|   |                                  | o/WWUB/WJIE/KUMR/WGCA |                                 |
|   |                                  | July 1989             |                                 |
|   |                                  | 1 MS                  |                                 |
|   |                                  | 0129 KTEO             | 93.9 TX San Angelo 1025         |

- To Next Page -

| July 1989                          |                                  | 4 Es (cont'd)                            |                                |
|------------------------------------|----------------------------------|--|--------------------------------|
| 3 MS                               |                                  | 1805 KKKK                                | 94.1 CO Montrose, k\$ 1200     |
| 0127 KOYN                          | 93.9 TX Paris 719                | 1812 KKKL                                | 105.1 CO Denver, r\$ 1040      |
| 0211 KMXR                          | 93.9 TX Corpus Christi 1098      | 1817 KATM                                | 100.7 CO Pueblo, r\$ 1037      |
| "The Cat"                          |                                  |  |                                |
| 3 Es                               |                                  | 1818 KQKS                                | 104.3 CO Longmont, r\$ 1055    |
| 2100 KUNH                          | 89.9 NM Albuquerque, j\$ 1216    | 1821 WOTJ                                | 90.7 NC Morehead City, g\$ 600 |
| (on this new frequency already!)   |                                  |  |                                |
| 4 Es                               |                                  | 1824 WRNS                                | 95.1 NC Kinston, k\$ 540       |
| 1611 KLUX                          | 89.5 TX Robstown-Corpus 1108     | o/WAJI Fort Wayne, IN                    |                                |
| Christi, g\$                       |                                  |  |                                |
| 1616 KMXR                          | 93.9 TX Corpus Christi, r\$ 1098 | 1827 WRBT                                | 96.3 NC Morehead City, r\$ 600 |
| 1700 KWVG                          | 95.3 TX Pearsal, nx mono 1090    | 1844 WOJI                                | 100.7 ?? ? Where? ???          |
| 1701 KMFA                          | 89.5 TX Austin, wx, c\$ 978      | 1849 KZRR                                | 94.1 NM Albuquerque, r\$ 1216  |
| 1730 WHCJ                          | 88.5 GA Savannah, j o/WWUB 609   | 1851 KRAI                                | 93.7 CO Craig, d, k? 1140      |
| 1745 KTEO                          | 93.9 TX San Angelo, k no \$ 1025 | 1915 KAGV                                | 89.9 TX Amarillo, p\$ 965      |
| 1754 KFLQ                          | 91.5 NM Albuquerque, g\$ 1216    | 1917 (Had to leave to play band concert) |                                |
| 1800 KWBI                          | 91.1 CO Morrison, g\$            | 2000 WFIT                                | 89.5 FL Melbourne, r\$ 885     |
| (Found on the tape I left running) |                                  |  |                                |

Meteor Scatter Findings:

|                                 |   |           |  |
|---------------------------------|---|-----------|--|
| 6/1 KIXQ                        | "...and Page (?) Country Favorites - Kix-94 FM - write it down..."  | 6/9 WZZU  | "...U-93.9..."   |
| 6/3 KOYN                        | "...FM 93.9 KO..."  | KILO      | "...We're Kilo-9..."   |
| KOYN                            | "...this morning at, uh, Boot City in Hugo. He's gonna have lots of bargains and prizes..."   | KOYN      | "...KOYN..."   |
| 6/4 KOYN                        | "...FM Chicory Valley - KO..."  | 6/13 KHCD | "...Concordia is checking in at 57. Wichita has 68. Salina has 65... very heavy rainfall. It was Northwest of the line from..."    |
| KTEO                            | "...much fun and KTEO Radio. Plan your Monday nights around the River Stage with live entertainment for the entire family. Losto Hondas begins the season Monday night at the River Stage..." | 6/15 KVNE | "...It's 3 o'clock hour on KVNE..."  |
| KMXR                            | "...We're Mix 93.9 KMXR..."   | 6/16 KVNE | "...on KVNE - music with a difference..."  |
| 6/5 KRNA                        | "...and the new one from Stevie Nicks at KRNA..."   | 6/17 KMKM | "...It's 65. Magic 93.9 KMKM..." (SID)   |
| KMXR                            | "...point 9. KMXR playing the best hits..."   | 6/18 KRNA | "...on KRNA..."  |
| 6/7 KOYN                        | "...super station where the winners are - KOYN..."  | 6/24 KTEO | "...easy and so much fun to win on KTEO, so be listening. Cable TV and KTEO - the rockiest deal in the country. Don't miss it!..." |
| KVNE                            | "...and you're listening to listener supported radio - KVNE..."   | 7/1 KTEO  | "...from the West Texas Legend, KTEO..."   |
| 6/8 KTEO                        | "...call the...in San Angelo for more information..."   | 7/3 KOYN  | "...Boone City. If you have more information, give me a call at 'coin,' 784..."  |
| (t = tentative - SID = Sang ID) |   |           |  |

E-skip has been nothing to brag about here! Most openings have found it difficult to ID stations. Either the reception is too choppy and sporadic, or announcers don't talk to identify the station. On July 2 and 3, Andy Bolin of Charleston, IL (about 140 miles to the west of me), was receiving stations from all over the place. On the 2nd, he had Montana and Florida at the same time. The MUF was only to Channel 4 here. Skip barely made it to the FM band on July 3rd, just long enough for me to ID KUNM Albuquerque, NM on their new frequency of 89.9. Andy Bolin is very strict in the way he counts stations, but now has (as of the 4th of July), a total of 2416 FM stations. Everything is taped and I have visited his home in recent years, so yes, Andy Bolin IS for real. Bruce Elving of Duluth, MN was the first DXer to log 1000 FM stations, while Andy was the first to log 2000. The second DXer to log 2000 FM stations was Pat Dyer of San Antonio. It will be interesting to see who will come in 3rd, 4th, 5th place, etc. Muncie, IN has never been a good location for E-skip. I am too close to the east coast, so finding stations from the coast of North Carolina as I did on the 4th of July is very rare. June 11th was the only real day fortropo. The FM band is so congested that it would be easy to miss an opening. There has been some good meteor scatter here but too often the same relogs are heard. I thought my last two reports would be in the July VUD, but not so. Maybe my second report will be in the August VUD. Let's hope there will still be a few more days of E-skip. Today is July 5th. Skip is now up to Channel 5. Watch for my report next month also. 73 - Ralph

+ + + + +

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

**Equipment:** Receiver - Carver TX-11a  
Antenna - Stacked CM Stereo Probe 9's at 35' AGL  
coupled into CAC-11 75 ohm coax. Home-brew band-pass  
filter.

Underlined new to log

MAY 1989

3 Tr  
1436 WPHF 105.9 PA Philipsburg ID, bluegrass mx (New Sta) 185  
5 Es to FL briefly at 1939  
1939 WUSF 89.7 FL Tampa ID 1939  
7 Tr  
1720 WMJI 105.7 OH Cleveland r, ID, (No CHRE QRM!) 305  
1744 WCRF 103.3 OH Cleveland g, (No WPHD QRM!) 305  
30 Es to MS/LA/TN/AR/MO 2040-2215 MUF:108 MHZ  
2107 WSLI 96.3 MS Jackson lcl ads 1073  
2121 KXKZ 107.5 LA Ruston k 1161  
2125 WKWZ 103.5 MS New Albany "K2103 FM" 915  
2130 WRGB 98.3 TN Camden lcl ads 803  
2135 WAPX 91.7 TN Clarksville vc, TC, r, "91 Plus" lcl annt 750  
2200 KRJV 96.3 MO St. Louis BB 797  
2203 KCKY 95.3 AR Camden "Y95" lcl ads 1128  
2208 WASL 100.1 TN Dyersburg ID, West TN vx 859  
2211 WBAP 92.7 AR Gurdon ID, Hot Springs ad 1119

JUNE 1989

6 Tr  
0932 WKGB 92.5 NY Binghamton ID "102.5 WKGB FM", r (New Sta) 70  
10 Tr  
1838 WVRX 103.7 RI Westerly "VRX", r (finally) 252  
18 Tr (WVHR-102.9 off air briefly to install new xmtr)  
1900 CKLH 102.9 ON Hamilton ID/NX 187  
2128 WTHT 102.9 ME Portland "FM103 WTHT", r 295  
26 Tr (WNTQ-93.1/WCNV-91.3/WAQX-95.7 off MM)  
0035 WYEP 91.3 PA Pittsburgh ID, r (Finally) ID 272  
0039 WPOC 93.1 MD Baltimore k "FM93 WPOC" 267  
0055 WFMU 91.1 NJ East Orange sports talk, ID at 0127 191  
29 Es to NE/SD 1220-1242 MUF:105.9 MHZ.  
1223 KSDZ 95.5 NE Gordon ID 1310  
1228 KHIT 105.9 SD Mitchell lcl ad 1098  
30 Tr (Upgraded Antenna system with Stacked CM Stereo Probe 9's  
and CAC-11 Coax lines-with noticeable gain improvement).  
1806 WMXW 103.3 NY Vestal "Mix 103 FM", ID (New Sta) 70  
1153 WBLB 93.7 PA Dallas k, "93-BLS" (New Sta) 130

Totals now up to 1440. Not much Es noted in June. Hope skip picks  
up in July. Tropo CX have improved as expected. Vacant channels are  
really being plugged up with all these new semi-locals coming on the  
air. New loggings can still be had by catching locals off the air  
for maintenance, storms, etc. 73-Fred.

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

MAY 1989

30 Es MUF above 107.9

2123 WOOF 99.7 AL Dothan, "Woof" IDs  
2124 WZGC 92.9 GA Atlanta, Z-93 IDs  
2127 WPCF 100.1 FL Panama City Beach, ID  
2128 WKHX 101.5 GA Marietta, k - Kicks 101.5  
2130 WDUV 103.3 FL Bradenton, b - The Dove  
2133 WJGA 92.1 GA Jackson, wx rpt for middle GA  
2135 Unid 92.1 ?? One here with Atlanta Braves baseball (playing the Cubs)  
2138 WCGQ 107.3 GA Columbus, ID, prev by Ms  
2139 WYAY 106.7 GA Gainesville, ads  
2141 WFFV 104.5 FL Atlantic Beach, r - Rock 105  
2151 WMMZ 93.7 FL Ocala, r - 93.7 Z  
2153 Unid 107.9 ?? Stn with wx rpt for Gulf Coast, likely WPFM, Panama City FL  
2155 WRBQ 104.7 FL Tampa, r - Q 105, watch this one as WAGQ, Athens GA is  
also here with Q 105 IDs, mentions of USF clinched ID  
2158 WMMK 92.1 FL Destin, k - K 92

JEFF FALCONER'S REPORT - continued

MAY 30 Skip cont.

2159 WVFJ 93.3 GA Manchester, g  
2200 WJXR 92.1 FL MacClenny, ID (think this may have been my unid w/Braves  
baseball above)  
2200 WWOL 91.9 FL Lakeland, ID  
2201 WBAM 98.9 AL Montgomery, r - Bam 99  
2202 ???? 93.3 AL Evergreen, mystery here with station ID as K 93 - 3,  
and AM 1470, Evergreen. WEGN listed on 93.5 so maybe  
call and freq change has recently taken place??  
Unid station using these calls  
2213 WWZR 94.5 ??  
31 Es MUF 105.1 & TrS  
1758 WMBI 90.1 IL Chicago, very strong with traffic rpt  
2001 KGZ 88.1 TX Abilene, g  
2014 KVAZ 91.5 OK Henryetta, g  
2017 Unid 100.1 MO? Unid with Kansas City Royals baseball - pregame show  
2022 KAFY 94.3 ?? Unid with these calls, I need new FM Atlas !!!  
2027 KTEG 93.9 TX San Angelo, k  
2028 KOKL 94.3 OK Okmulgee, ID  
2031 KBLL 92.9 TX San Angelo, r, contest promos, logging # 600  
2036 KAMO 94.3 AR Rogers, ads, ID as the new K Moe  
2038 KIXY 94.7 TX San Angelo, r, Kixie ID  
2056 KWZD 103.7 TX Hamlin, k - the Wizard  
2111 ???? 93.5 ?? Unid IDing as Oldies 93  
2113 WHMI 93.5 MI Howell, ID  
2115 WSCR 91.3 MI Port Huron, p - College radio ID, 120w and only 2nd time  
hrd  
2240 WKKI 94.3 OH Celina, K-94 IDs, wx rpt, strong

JUNE 1989  
1 TrS  
2231 WRKT 100.9 PA North East, r - Rocket 101, recently changed calls from  
WHYP  
4 TrS  
0115 WEOZ 94.3 PA Saegertown, testing with tones and music by Dire Straits,  
seemed to be having difficulties with audio  
13 TrS & Es  
2158 WSNY 94.7 OH Columbus, r - Sunny 94 ID  
2209 KZPS 92.5 TX Dallas, r - Classic Hits 92.5 ID  
16 TrS  
1613 WMUB 88.5 OH Oxford, weather rpt  
17 MS  
0139 KVIL 103.7 TX Dallas, ".....at the Dallas Convention Center...." mixing  
with another station during 10 sec burst

EQUIPMENT: Icom R7000 receiver.

Creative Design CLP 5130, 25 element, log periodic at 28' with rotator.

Some nice Es heard already, hope it continues, 73 - Jeff.

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

EQUIPMENT: Viking 505813, Marantz 2226, antenna: beam

MAY 30, 1989 Es

2109 WKTK 98.5 FL Crystal River, spot for "Children's Miracle Network"  
2122 WFSY 98.5 FL Panama City, ads, spot for oldies show,  
"Sunny 98.5", rock mx  
2117 WSGY 100.3 GA Tifton, local ads, stn address & ID given, promo  
for Classic Cafe  
2143 WLWI 92.3 AL Montgomery, D/W mx, ID as "I-92-FM", OM DJ (?-sc)  
2200 WUWF 88.1 FL Pensacola, wx rpt, "WUHF-FM Pensacola - Ft. Walton  
Beach - University of West Florida", clas. mx  
2211 WWZR 94.5 FL Port St. Joe, "WWZR - Z-Rock 94.5"

June 1989

7 Tr

1955 WBMMJ 107.7 NY Weathersfield, ex WBVR, "The Wave", new Age Jazz  
Fusion, yuppy mx!



## ROBERT ROSS' REPORT - continued

## JUNE 1989

|              |  |
|--------------|--|
| <u>8 Tr</u>  |  |
| 2132 {CKMR}  | 93.9 ON Windsor, oldies, "More 94", ads Windsor Speedway.  |
| <u>11 Tr</u> |  |
| 2300 {WVAG}  | 101.9 WV Morgantown, "WVAG-102-Morgantown", single into Syndicated C/W mx psm 0-102 non IDs  |
| <u>18 Es</u> |  |
| 0952 {WCVU}  | 94.5 FL Naples, MOR mx adv for coastland mall in Naples ID as "WCVU 94.5 Seaview"  |
| 1007 {WJIS}  | 88.1 FL Bradenton, rels mx, "Refreshing Joy FM"  |
| 1028 {WOKD}  | 98.3 FL Arcadia, ad for Arcadia car dealer, "OK98", MOR  |
| 1049 {WPRK}  | 91.5 FL Winter Park, Rock mx, ID by OM as "The Spark 91.5" Phone number 463-0915   |
| 1058 {WSEB}  | 91.3 FL Englewood, "WSEB 91.3 FM Englewood", live church service, gospel / choir music   |
| 1108 {KTSU}  | 90.9 TX Houston, local ads, calls, bulletin board, gospel mx   |
| <u>22 Tr</u> |  |
| 1843 {WZIP}  | 88.1 OH Akron, rock mx, "Zip Rock, 88 WZIP FM", weather DJ Craig Russell   |
| <u>23 Tr</u> |  |
| 0325 {WBBG}  | 93.3 OH Youngstown, oldies, "WBBG Oldies 93"   |
| 0332 {WRKU}  | 95.1 PA Grove City, Rock mx, "All nite rock cafe show", Ph# 1-800-686-WRKU. ID as "95 K-Rock"  |
| <u>25 Tr</u> |  |
| 0909 {WKLD}  | 94.5 MI Holland, "KLQ-Battle of the Bands" spot, save address, ID sung out as "94.5 KLQ" into rock countdown psm                               |
| 0935 {WLAV}  | 96.9 MI Grand Rapids, Jazz brunch psm, b/cast live from a restaurant in Grand Haven. Ads, ID as "97 LAV FM"                                    |
| 2026 {WCGA}  | 96.5 NY Fredonia, pop mx, "Northern Chautauqua wx", ads, "FM 96.5 Entertainment Guide" save stn addr. DJ Dawn Spicer (off a satellite feed-9c) |
| <u>25 Es</u> |  |
| 1556 {WRWA}  | 88.7 AL Dothan, classical mx psm, "WTSU 89.9 Troy, WTJB 91.7 Columbus-Phenix City, WRWA 88.7 Dothan" into program called "SOUNDINGS"           |

BILL NIENAJADLY - 98 HIGHLAND AVENUE - CLIFTON, NEW JERSEY 07011

|  |  |      |
|--|--|------|
| <u>5/30/89 Es</u>  |  |      |
| 2038 {KTGL}  | 92.9 NE Beatrice, ID and Eagle Non-ID  | 1162 |
| 2044 {KRNU}  | 90.3 NE Lincoln, sounded more like KANU  | 1165 |
| 1165   |  |      |
| 2049 {KLDZ}  | 95.1 NE Lincoln, ID  | 1165 |
| 2057 {KMEM}  | 96.7 ME Memphis, ID and baseball   | 937  |
| 2058 {KEMV}  | TV6 AR Mountain View, ID, "AETN"   | 1018 |
| 2102 {KHLT}  | 94.1 AR Little Rock, ID, new FM state  | 1072 |
| 2108 {KSYN}  | 92.5 MD Joplin, ID, excellent signal   | 1120 |
| 2111 {KAMS}  | 95.1 AR Mammoth Springs, ads for M. Sprng. and Ozark area  | 974  |
| 2113 {KQMX}  | 94.3 MO Rolla, "Max 94", thank Bob Smolarek for IDing this!  | 958  |
| 2117 {KRAV}  | 96.5 OK Tulsa, ID  | 1214 |
| 2132 {KMOD}  | 97.5 OK Tulsa, ID, ADR   | 1214 |
| 2142 {KKYK}  | 103.7 AR Little Rock, ID, Top 40 music   | 1072 |
| 2152 {KQUS}  | 97.5 AR Hot Springs, ID "US-97"  | 1108 |
| 2215 {KBEZ}  | 92.9 OK Tulsa, b   | 1214 |
| 2220   | approximate fadeouts. Opening started on TV-2 at around 1810. Floundered on low band until 2035 when all &#36;! broke loose! UnID country on 92.5, 94.1, 94.9, 95.1, 96.5, and 96.9. UnID 95.9 mentioned a gospel network. Most productive ever for this DXer! |      |
| June 12-16: TV Es noted. After several good and one excellent opening in May, Es and tropes dropped off dramatically in the first half of June! It (Es) did pic up a little in the middle of June, but only to lowband TV. I talked to other area DXers that note the same thing. We still have 2/3rds left of the Es season ahead of us. So hopefully another 5/30 type opening will grace the FM dial once or twice yet. As always, GOOD DXING - Bill! |  |      |

P.S. Thanks to Bob Smolarek for IDing KQMX and all the other DXers who called about Es activity, met in Clark, N.J. on June 10th and finally met other NJ area DXers; had a great time! C'mon, let's have MORE of these mini-conventions! Thanks to Bill Kretschmer for having us up in Late May; excellent DX area!

JOSEPH FELA - 150 ROBERT PLACE - 90. PLAINFIELD, N.J. - 07080  
Equipment - McIntosh MR-78 tuner, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

|   |   |          |
|---|---|----------|
| <u>MAY 1989</u>   |   |          |
| <u>30 Es</u>  |   |          |
| 2043 {KTGL}   | 92.9 NE Beatrice, "The Eagle" + call, r, ex-KWBE/KMAZ   | 1174     |
| 2048 {KOAK}   | 95.3 IA Red Oak, ID, ads  | 1089     |
| 2055 {KQMA}   | 92.5 KS Phillipsburg, IDs, PSAs, didn't this one change to KKAN?                                    | 1315     |
| 2100 {KUMR}   | 88.5 MO Rolla, promo, ID  | 945      |
| 2111 {KINB}   | 107.3 OK Poteau, contest, ID  | 1166     |
| 2117 {WJBD}   | 100.1 IL Sale, AM-FM ID, old r  | 785      |
| 2120 {KXUS}   | 97.3 MO Springfield, "US-97"  | 1040     |
| 2124 {KEOK}   | 101.7 OK Tahleqah, ID, r  | 1160     |
| 2137 {KRAV}   | 96.5 OK Tulsa, ID, r  | 1205     |
| 2141 {KFDI}   | 101.3 KS Wichita, ads, call   | 1244     |
| 2153 {KHLT}   | 94.1 AR Little Rock, PSA, call, "K-Lite 94"   | 1056     |
| <u>JUNE 1989</u>  |   |          |
| <u>4 GW</u>   |   |          |
| 1400 {WAAI}   | 100.9 MD Hurllock, k, ID, WAAI hit the air June 1st   | 155      |
| <u>8 Es</u>   |   |          |
| 1100 {KIWR}   | 89.7 IA Council Bluffs, ID, c   | 1120     |
| 1125 {KJYJ}   | 92.5 IA Ankeny, IDs, ads, k   | 1001     |
| 1133 {KKRL}   | 93.7 IA Carroll, ID   | 1066     |
| 1232 {KQKQ}   | 98.5 IA Council Bluffs, ID, r   | 1120     |
| <u>14 Es</u>  |   |          |
| 0950 {WJIS}   | 88.1 FL Bradenton, ID, g  | 1017     |
| 1000 {WFTI}   | 91.7 FL St. Petersburg, Family Radio feed, local ID   | 1001     |
| 1031 {WZEW}   | 92.1 AL Fairhope, "92.1 ZEW", r   | 1028     |
| 1043 {WTMG}   | 95.9 FL Tallahassee, "Tallahassee Gold", "Magic 96", old r  | 892      |
| <u>Tr</u>   |   |          |
| 1054 {WWIN}   | 95.9 MD Glen Burnie, noted running // to WWIN-1400 Baltimore with AM/FM IDs, ex-WISZ/WBKZ/WWIN/WGHT | 151      |
| <u>Es</u>   |   |          |
| 1101 {WUWF}   | 88.1 FL Pensacola, ID, c  | 1005     |
| 1115 {WJYF}   | 95.3 GA Nashville, "Joy 95", Tifton, GA ads   | 815      |
| 1118 {WRJM}   | 93.5 AL Geneva, "Classic 94 WRJM", ex-WGEA  | 919      |
| 1121 {WBLX}   | 92.9 AL Mobile, "93-BLX"  | 1025     |
| 1122 {WMMK}   | 92.1 FL Destin, "K-92", k, Ft. Walton ad  | 978      |
| <u>JUNE 14 Es (continued)</u>   |   |          |
| 1126 {WLHQ}   | 96.9 AL Enterprise, "At the Q" ads, r, ex-WIRB  | 904      |
| 1128 {WKGK}   | 90.7 FL Panama City, ID, c, o/local WFUV  | 958      |
| 1144 {WKSJ}   | 94.9 AL Mobile, "95-KSJ"  | 1025     |
| 1148 {WKSM}   | 99.3 FL Ft. Walton Beach, "Kiss-FM", local ads, FLORIDA #100  | 981      |
| 1158 {WEGS}   | 91.7 FL Milton, ID, g   | 988      |
| 1159 {WHIL}   | 91.3 AL Mobile, ID, c   | 1025     |
| 1212 {WBBN}   | 95.9 MS Taylorsville, "B-95", Laurel ad   | 1032     |
| 1219 {KQKI}   | 95.3 LA Bayou Vista, call + "Quickie Country"   | 1167     |
| <u>15 Es</u>  |   |          |
| 2033 {WZTA}   | 94.9 FL Miami Beach, ID   | 1076     |
| <u>19 Tr</u>  |   |          |
| Mild tropes to Norfolk  |   |          |
| 2259 {WKSX}   | 96.1 VA Cape Charles, ID, contemporary Christian, ex-WIAV   | 244      |
| <u>23 GW</u>  |   |          |
| 2044 {WPSC}   | 88.7 NJ Wayne, r, "89-PSC" Local WRSU New Brunswick, ex-WIAV  | 24       |
| <u>25 Es</u>  |   |          |
| 1556 {KBEZ}   | 92.9 OK Tulsa, ID   | 1205     |
| 1559 {KFAV}   | 95.9 AR Huntsville, ID  | 1092     |
| <u>COMMENTS:</u> A disappointing season so far. Per NRCer John Bowker, the deal between WPRB-103.3 and WYNY-103.5 has been finalized. In the future, WYNY will no longer protect WPRB. However, a similar deal WYNY had with WNNJ-103.7 fell through so they will still be directional, pulling in their signal in that that direction. |   |          |
| Also per John, WPRB may move its XR to the 700 ft. level of the WNJ1-52 tower. WXXW-101.5 Trenton is still considering moving off of the WNJ1 tower, and going to Jackson, NJ - a rather major move of about 23 miles. Reason: They can't crack the Philadelphia ratings so will go after the Jersey shore.                             |   |          |
|   |   | 73, Joe. |

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

EQUIPMENT: Carver TX-11, Probe 9 w/rotor at 30' AGL

|                   |                              |
|-------------------|------------------------------|
| <u>1/28/89 Tr</u> |                              |
| 1400 {WERU}       | 88.9 ME Blue Hill, Jazz, ID  |
| <u>3/13/89 Es</u> |                              |
| 1826 {CBWW}       | 105.3 MB Baldy Mtn. CBC mono |
| 1827 {CITI}       | 92.1 MB Winnipeg, rock       |
| 1831 {CKIS}       | 97.5 MB Winnipeg, rock       |
| 1836 {CKWG}       | 103.1 MB Winnipeg            |
| 1838 {KSNR}       | 100.3 MN Thief River Falls   |
| 1844 {CBW}        | 98.3 MB Winnipeg, concert    |
| 1844 {CRON19}     | 97.3 ON Nipigon, mono        |
| 1847 {CKX}        | 96.1 MB Brandon, local spot  |
| 1851 {CKSB7}      | 93.5 ON Kenora, FF mono      |
| 1852 {CRON20}     | 89.3 ON Thunder Bay, FF      |
| 1853 {CKSB9}      | 89.1 ON Fort Frances         |
| 1856 {CRQY}       | 98.9 ON Nipigon, CBC mono    |
| 1900 {CHIQ}       | 94.3 MB Winnipeg, rock       |
| 1905 {CBQX}       | 98.7 ON Kenora, CBC // 98.9  |
| 1909 {CITI}       | 92.1 ON Timmins, k, w/CITI.  |



MIKE BUGAJ'S REPORT - continued

March 13 Skip cont.

2010 WRJC 92.1 WI Mauston  
 2020 KLYV 105.3 IA Dubuque, K-Live 105  
 2023 KHAK 98.1 IA Cedar Rapids  
 2029 KRVR 106.5 IA Davenport, Lite mx  
 2030 WLEN 103.9 MI Adrian, K  
 2034 W777 98.3 IL Crest Hill/Joliet (WCCQ?-9c)  
 2034 WIBW 97.3 KS Topeka, rock  
 2051 KJCK 94.5 KS Junction City  
 2051 Aurora noted but no IDs heard  
 2214 WNDU 92.9 IN South Bend, rock, "Michiana's Hit FM"  
 2222 KTUF 93.5 MO Kirksville  
 2224 WLAJ 93.9 IL Chicago, "Lite FM" (calls now WLIT-9c)  
 2241 KXIA 101.1 IA Marshalltown  
 2245 KLIR 101.1 NE Columbus, "Softrock 101"  
 2252 WOW 94.1 NE Omaha  
 2259 KFRX 102.7 NE Lincoln  
 2300 KAAJ 95.5 MO Bethany, "Can country"  
 also Talknet, mono  
 2310 KTGL 92.9 NE Beatrice, "Easle"  
 3/23/89 GW  
 2009 WSKQ 97.9 NY New York (ex-1050 khz)  
 4/7/89 GW  
 2200 WZRT 97.1 VT Rutland, ex-WRUT  
 5/15/89 Tr  
 2135 WNMB 100.1 MA North Adams, // to WNAW-1230, with only that ID  
 on the hour  
 2145 WMFT 102.5 ME Camden, "Coast 102.5", soft rock  
 5/18/89 Es  
 2109 WMCU 89.7 FL Miami, g  
 2055 WSOB 90.9 FL Ft. Myers, g (ex 95.3)  
 2100 WKZY 92.1 FL La Belle  
 2102 WZTA 94.9 FL Miami Beach, r  
 2104 WNGS 92.1 FL West Palm Beach, light jazz  
 5/18 Tr  
 2122 WEHN 107.1 MA Fall River, rock  
 2128 WZCL 105.3 VA Norfolk, no more g, a real surprise!  
 Cool 105.3, oldies!  
 2205 WKRE 107.5 VA Exmore, K-108 country  
 2210 WQHQ 104.7 MD Ocean City, Lite Rock Q-105  
 WNVZ 104.5 VA Norfolk, Z-104, "The last untamed radio station  
 in North America"  
 2250 WRSF 105.7 NC Columbia, Surf 105  
 5/30/89 Es  
 2058 KZOU 98.5 AR Little Rock, r  
 2105 WMC 99.7 TN Memphis, FM-100  
 2107 KEOK 101.7 OK Talequah, the New Star Station  
 2118 KWOC 94.5 MO Poplar Bluff, r  
 2121 KZLR 94.9 AR Pine Bluff  
 2130 KCYN 103.9 AR Pocatowas, BB game  
 2133 KZNN 105.3 MO Rolla  
 2136 KDEL 100.9 AR Arcadephia  
 2138 WASH 100.1 TN Dyersburg, SL-100  
 "D'burg's Class FM"  
 2140 KMSL 100.1 AR Stamps, FM-100  
 2143 KIPR 92.3 AR Pine Bluff, Power 92  
 2156 KWVK 97.1 OK Muskogee, Quick 97  
 2200 KEZD 100.3 AR Jacksonville

**96TIC-FM****97.5 KLAKE**  
FMKaty Depot  
101 E. Main Suite 255  
Denison, TX 75020

STATION NEWS: WDLB 93.7 Dallas (Wilkes-Barre), PA is on with country,  
 93-DLS. WBRV 101.3 in Boonville, NY seems to simulcast WLLG 99.3  
 Lowville. WMXW 103.3 Vestal, NY is on the air. Fred Nordquist reports  
 WPHB 105.9 Phillipsburg, PA on the air. WKGB 92.5 Susquehanna, PA is on.  
 I believe with AOR. Other news: WRKT 100.9 North East/Erie, PA is now  
 Rocket 101 (in stereo!) with a classic hits type format. WYDD Pittsboro  
 is now WNRJ "Energy 105". 92.3 Cleveland Hts. is now "Hot 92". 88.1  
 Akron, Ohio is now WZIP (Thanks Robert Ross!). WHHR 106.1 Hilton Head, SC  
 is on, and WLOW Bluffton, SC has moved to 106.9. Per Joe Feia, WIAV 96.1  
 Cape Charles has changed to WKSU, with contemporary Christian music. WSHQ  
 103.5 Cobleskill and WSHZ 98.3 Rotterdam, NY seem to simulcast, with "Show  
 FM"

MARK STRICKERT - 3852 N. OCONTO - CHICAGO, ILLINOIS

Equipment: Panasonic RF-2200 receiver

6/25/89 drops  
 1120 WVPE 88.1 IN Elkhart, with "Jazz Brunch". Pledge break  
 mentioned (219) 262-5660  
 1130 unID 90.3 religion (bible interpretation) conditions into  
 N. Indiana / S. Michigan (maybe WBCL?-9c)  
 1230 WNNW 98.5 MI Coldwater (surprised it took so long?)  
 "American Country Countdown", with ions break to promo coverage of  
 auto race @ MIS (Mich. Intl. Speedway??)  
 1235 unID 98.3 Classic rock or old AOR type music. Music fits WLCS,  
 but they usually do good job w/slogans between songs.  
 1245 WCUZ 101.3 MI Grand Rapids (new catch?!?), country "WCUZ FM and  
 AM", promo for golf-putting contest.  
 1255 WMLK 102.1 MI Kalamazoo with NPR "Car Talk", ID from "Campus of  
 Western Mich. Univ.", local news  
 0101 WSNX 104.5 MI Muskegon (new with those calls), "The New Sunny  
 104.5" (I have a sticker with that same slogan from 1985, so  
 they can't be very new now, hi), current hit music.  
 0103 WCXT 105.3 MI Hart, (2nd time heard) Lite 105.3 with "West Mich.  
 weather" 4 light ad/con music

What is odd about the above is what was NOT heard...WKFR 103.3 is very  
 rare for some reason, WRKR 107.7 Portage, MI (classic rock for Kalamazoo,  
 Battle Creek and sometimes South Bend), not heard at home yet, as well as  
 long time missings like WKLG 94.5, WPLB 107.3, and WFLR.

PAUL MOUNT - 471 EMERSON AVENUE - TEANECK, NEW JERSEY 07666-2727

Tuner: Onkyo T-9090 Mach II  
 Antenna: Radio Shack 6-element FM only, in attic, at 25 ft HAAT  
 Rotor: Archer rotor (after 6/16)  
 Amp: Radio Shack \$25 model just rabbit ears before 6/16

MAY 1989

3 GW  
 1750 WJSV 90.3 NJ Morristown, high school, P  
 1755 WWFM 89.1 NJ Trenton, c, WNYU completely off

JUNE 1989

16 GW  
 2305 WKDJ 92.7 NJ Middletown, r, call change, regular.  
 19 Tr  
 2043 WRSF 105.7 NC Columbia, r, jingle, "Hi-way 32 S in Edenton"  
 in spot  
 2045 WQSR 105.7 MD Catonsville, oldies, 39 db  
 2100 WYFI 99.7 VA Norfolk, g, Bible Broadcast Network, 40 db  
 2126 WQHQ 104.7 MD Ocean City, r "better variety of your favorites"  
 Q105 - 42 db  
 2136 WHLM 106.5 PA Bloomsburg, r, "power 106", \$ 38 db  
 2142 WRQX 107.3 DC Washington, r "Q-107"  
 2200 WJOI 94.9 VA Virginia Beach, fm "Joy 95 love songs" 40 db, maybe  
 new for me

Missed out on the only SKIP opening so far. After a local DXers get  
 together, I got motivated enough to buy the same FM antenna that Bill  
 Nienajadly uses, and put it in the attic with the Archer rotor and 75 ohm  
 coax to the DX room. "On air and DX ready" now. Also added WFRS 88.9  
 Smithtown sometime during the spring at 3 am running family radio. So far  
 there aren't any stations that I get with the antenna that I didn't get  
 with rabbit ears, but choosing one class A at a time on crowded  
 frequencies like 92.7 and 106.3 is easier, and it leaves hands free for  
 note taking, pushbutton changing, and rotor turning when DXing, rather  
 than holding the rabbit ears in impossible angles with both (tired) hands.  
 If this helps any, sometimes WFDU-89.1 Teaneck NJ is off the air until 6  
 am instead of nominal 1:15 am sign on (share w/WNYU). If you note them  
 off at 1:20 they'll probably be off all night. Also, most of the dB  
 readings are 20-30 dBs higher on local and semi-local; the NYCs are now  
 close to 100 db and I have to point SW to get the Jersey shore past  
 Manhattan. Now I'm all set for some skip. See you in Syracuse.



BOB SMOLAREK - 156 OLDWICK ROAD - WHITEHOUSE STATION, NEW JERSEY 08889

5/30/89 Es

2050 **KIWR** 89.7 IA Council Bluffs, c  
 2058 **KMEM** 96.7 MO Memphis  
 2112 **KREP** 92.1 KS Belleville  
 2117 **KUSO** 98.5 OK Tulsa, k  
 2118 **KMCO** 101.3 OK McAlester, k  
 2119 **KISR** 93.7 AR Ft. Smith, r  
 2120 **KXUS** 97.3 MO Springfield, r  
 2130 **KSYN** 92.5 MO Joplin, r  
 2135 **KKUZ** 102.5 MO Joplin, r  
 2130 **KNMO** 97.7 MO Nevada  
 2140 **KFDI** 101.3 KS Wichita, k  
 2152 **KSSN** 95.7 AR Little Rock, k  
 2155 **KHLI** 94.1 AR Little Rock, r, K-Lite 94  
 2200 **KZBR** 95.3 MO Owensville  
 2205 **KOMX** 94.3 MO Rolla, r, Max 94

5/31/89 Es2300 **KDCR** 88.5 IA Sioux Center6/12/89 Tr2100 **WAAI** 100.9 MD Hurlock, k, new stn.6/20/89 Tr2130 **WQVR** 100.1 MA Southbridge, Red Sox BB6/25/89 Tr2300 **WPSC** 88.7 NJ Wayne, r6/26/89 Tr2300 **WFRS** 88.9 NY Smithtown, 9 relays WFME

The E skip season has been lackluster except for May 30th. It looks like a repeat of last year. Hope to meet many of you in Syracuse.

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

EQUIPMENT: Sony ICF2010, Sharp FV610 GE Superradio with rabbit ears or whip

5/30 Es

2105 **WGPH** 91.5 GA Vidalia, gospel  
 2120 **WWSH** 98.1 AL Andalusia, rock "The New 98 Surf FM"  
 2128 **WHMA** 100.5 AL Anniston, "WHMA The New Alabama 100 - Southern and Proud of it"  
 2130 **WPFM** 107.9 FL Panama City, rock  
 2134 **WHHY** 101.9 AL Montgomery, rock, "Y-102"  
 2135 **WKRG** 99.9 AL Mobile, the all new 99.9 WKRG  
 ??? **WKSJ** 94.9 AL Mobile, "95KJ" also IDed as WKSJ Prichard - WKSJ-FM Mobile"  
 2154 **WSGY** 100.3 GA Tifton  
 2156 **WABP** 97.5 AL Mobile, "Your contest connection WABP FM 97"  
 2200 **WMBV** 91.9 AL Dixon's Mills "Your Christian radio station WMBV Dixon's Mills"  
 2218 **WQID** 93.7 MS Biloxi, "QID"  
 (Thanks to WTFDA member and CIDX editor Alain Pepin who went through my logging notes and helped confirm several I had originally listed as unID or tent on this opening!)

5/2/89 Tr

2004 **CJBC4** 99.3 ON London, CBC French  
 2044 **CIGM** 92.7 ON Sudbury, Blue Jay Baseball  
 2051 **WBLK** 93.7 NY Depew "Power 94 WBLK Depew-Buffalo, Nothings but Power Hits!"

2100 **WMJQ** 102.5 NY Buffalo, "Music 102 WMJQ Buffalo"  
 2114 **CHEQ** 101.1 ON Smith's Falls, Blue Jays Baseball  
 2128 **WDCX** 99.5 NY Buffalo, religion  
 2244 **WRMM** 101.3 NY Rochester, "Warm 101.3"

6/12/89 Es1859 **CBTL** 90.1 F Millertown, CBC English

Other than a major skip opening to the South on May 30th and a very localized opening to North Central Nfld on June 12th (CJCN TV ch4 Grand Falls and CBTL 90.1 Millertown were the only stations heard!) this year has been pretty slow so far.



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

EQUIPMENT: Pioneer TX9100 tuner, roof mounted 6 element Radio Shack FM antenna at 20' AGL, coax and rotor are used

JUNE 19896 Tr1800 **WMCE** 88.5 PA Erie, rock format, new station.14 Es

1021 **WXDJ** 95.7 FL Homestead, new age music  
 1025 **WAVV** 101.1 FL Marco, Wave 101 - WAVV, lite music  
 1040 **WUSF** 89.7 FL Tampa, c\$, // WSPF 90.1 Ft. Myers  
 1043 **WOTH** 100.3 FL Plantation Key, big bands music  
 1054 **WKKA** 92.3 FL Orlando, K-92, k\$  
 1059 **WUFT** 89.1 FL Gainesville, ID over WBSU  
 1113 **WKES** 101.5 FL St. Petersburg, Kesik (?) radio, legal ID  
 1115 **WKZY** 92.1 FL La Belle, heard these calls and phone # for Port Charlotte. Thought Venice changed to these calls but new FM

Atlas shows La Belle with these new calls.

1131 **WJIS** 88.1 FL Bradenton, calls1154 **WWRM** 107.3 FL Tampa, rm\$, Warm 107

23 Trs (LOCAL WBLK 93.7 OFF AIR!)

1617 **WXIL** 95.1 WV Parkersburg, r\$,2230 **WBZZ** 93.7 PA Pittsburgh, r, B-94-FM2239 **WKYS** 93.9 DC Washington, calls, ads, s, o/CFMO2246 **WKXZ** 93.9 NY Norwich, rm, ads, promos, finally heard!2300 **WSTW** 93.7 DE Wilmington, r, legal ID2305 **WQIQ** 93.7 OH Mount Vernon, calls, Top 4025 Es1216 **KKFI** 90.1 MO Kansas City, Nicaraguan news story1219 **KNGM** 91.9 KS Emporia, calls29 Es1010 **KHCD** 89.5 KS Salina, o/CIUT1026 **KOLA** 103.9 KS Oden1055 **KEZO** 92.3 NE Omaha-Council Bluffs IA, Z-92, A.D.R.1057 **KGGO** 94.9 IA Des Moines, r\$, music by Eagles & Yes, legal ID1059 **KJJY** 92.5 IA Ankeny, k\$, calls1104 **KDWZ** 93.3 IA Des Moines, r\$ 93-3 KDWZ (dropped Z-93?)1106 **KLDZ** 95.1 NE Lincoln, calls, oldies format1118 **KKPR** 98.9 NE Kearney, Power 99, o/WKLL1121 **KIWR** 89.7 IA Council Bluffs, calls heard1230 **KURO** 92.1 SD Huron, ID as "U-Rock 92", news update1238 **KQBA** 94.9 SD Aberdeen, r\$, KQ-95, White Lion songs1240 **KQSD** 91.9 SD Volga, South Dakota Public Radio1241 **KESD** 88.3 SD Brookings, // KQSD 91.91751 **KIKK** 95.7 TX Houston, calls, k\$1755 **KFMK** 97.9 TX Houston, area weather1759 **KJQJ** 106.9 TX Conroe, Houston wx, country gospel type music1800 **KPFT** 90.1 TX Houston, ID\$JULY 19892 Es1140 **KILI** 90.1 SD Porcupine, country music, calls1742 **KISR** 92.1 TX College Station, "KISR Star 92"1759 **KAMU** 90.9 TX College Station, 90.9 KAMU, weather forecast1824 **KVRP** 95.5 TX Haskell, k, 95.5 and AM 1400 ment.2 Tr1159 **WNMU** 90.1 MI Marquette, local ments, 3rd longest tropo3 Es2000 **WXEL** 90.7 FL West Palm Beach, ID2023 **WMCU** 89.7 FL Miami, legal ID2039 **WMIE** 91.5 FL ← Cocoa Beach, local ments.2045 **WXDJ** 95.7 FL Homestead, calls, dropped "The Wave", new age2105 **WTNT** 94.9 FL Tallahassee, k2110 **WQPW** 95.7 GA Valdosta, Power 96, Top 404 Es!1721 **WKZY** 92.1 FL La Belle, calls1724 **WLVE** 93.9 FL Miami Beach, Love 94 WLVE1730 **WJXR** 92.1 FL Macclenny, local ads1735 **WLKC** 93.5 GA St. Mary's, k\$, KC-931736 **WMMZ** 93.7 FL Ocala, Z-93.7, o/local WBLK!

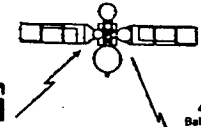
JULY 4 MEGA-SKIP cont.

- 1740 WZZR 92.7 FL Stuart, local ads
- 1740 WGTR 97.3 FL Miami, rp\$
- 1741 WHEW 101.9 FL Fort Myers, k\$
- 1745 WIJY 107.9 SC Hilton Head, Joy 108 + calls
- 1746 WBJW 105.1 FL Orlando, Top 40 music, BJ-105
- 1747 WSSX 95.1 SC Charleston, r\$ o/WAPE, 95-SX
- 1750 WLOW 106.9 SC Bluffton, big band/EZL, HAS MOVED from 107.1  
They were still 107.1 when I was in South Carolina in March
- 1752 WMXJ 102.7 FL Pompano Beach, local ads
- 1754 WIVY 102.9 FL Jacksonville, ads, Y-103
- 1755 WGNE 98.1 FL Titusville, "Great 98", suspected new station  
but July FCC FM News confirmed it.
- 1757 WKGR 98.7 FL Fort Pierce, rp\$ K-Rock
- 1757 WFYV 104.5 FL Atlantic Beach, rp\$, Rock 105 way o/CHUM
- 1758 WJYO 107.7 FL Mount Dora, Joy 108, this was completely over  
local WBMW 107.7 for at least an hour!
- 1759 WHQT 105.1 FL Coral Gables, Hot 105 fighting with WBJW
- 1800 South Florida NWS heard on 162.4 and 162.475!
- 1801 WSHE 103.5 FL Fort Lauderdale, rp\$ music
- 1801 WSSP 104.1 FL Cocoa Beach, EZL music, legal ID o/strons local WHTT!!
- 1802 WAVV 105.5 FL Vero Beach, ID with Fort Pierce and Stuart
- 1802 WHHR 106.1 SC Hilton Head, b\$, legal ID, EZ-106 ment
- 1805 WAXY 105.9 FL Fort Lauderdale, a/c over local like WOCL
- 1805 WSOS 105.5 FL St. Augustine, calls, ment bumper stickers
- 1808 WQHL 98.1 FL Live Oak, calls heard o/CHFI
- 1810 WYOC 104.9 FL High Springs, calls, oldies music
- 1812 WJHM 101.9 FL Daytona Beach, 102 Jams, crossover or urban
- 1813 WLOQ 103.1 FL Winter Park, LDQ, o/mess of many Es stations
- 1816 WAVV 101.1 FL Marco, Wave 101 and calls
- 1817 WMDM 101.3 SC Sumter, urban mx, "The Big DM 101 FM"
- 1820 WYKZ 98.7 SC Beaufort, ads, 98.7 Kiss Fm
- 1821 WRBQ 104.7 FL Tampa, strons!, Top 40, Q-105
- 1822 WHLY 106.7 FL Leesburg, r\$, 106.7 - Y 106, Simply Red sons
- 1823 WKZQ 101.7 SC Myrtle Beach, ad for a bank in Conway
- 1824 WKTM 101.7 GA Soperton, ads over mess, Classics 102
- 1839 WBAM 98.9 AL Montgomery, Bam 99
- 1840 WJLQ 100.7 FL Pensacola, Q-100, CHIN was nowhere to be found
- 1845 WPIQ 101.5 GA St. Simons Island, 101-Q, thought it was WTKX
- 1852 WSGY 100.3 GA Tifton, Y-100
- 1858 WLMG 101.9 LA New Orleans, Magic 102, local ments, don't know  
how this snuck in there?!
- 1858 WDIZ 100.3 FL Orlando, legal ID, rp\$
- 1900 WSTF 101.1 FL Cocoa Beach, Star 101, a/c
- 1901 WABB 97.5 AL Mobile, r\$
- 1912 WKNN 99.1 MS Pascasoula, k\$, K-99, way o/CKD
- 1921 unID 106.7 ad for Spirees Corner
- 1925 WBTY 105.5 GA Homerville, many Valdosta area ads, Braves BB
- 1934 WUSA 100.7 FL Tampa, lite rock, W-101, local ments  
distinguished this from the other W-101 in Brunswick, GA
- 1941 WFSU 91.5 FL Tallahassee, wx, calls
- 2000 WRWA 88.7 AL Dothan, o/WBFD, legal ID with WTJB and WTSU
- 2001 WMNF 88.5 FL Tampa, legal ID
- 2018 WPAP 92.5 FL Panama City, local ads
- 2019 WMTM 93.9 GA Moultrie, local ads and mentions
- 5 Es
- 2140 KSJM 93.3 ND Jamestown, calls, Jingle
- 2200 KDDR 92.3 ND Oakes, calls but no legal ID into news



As you can tell in my report, July 4th was a great opening here. I DXed it just south of Buffalo on Lake Erie ON A CAR RADIO AND A BOOMBOX. I can imagine what it sounded like at home with the Pioneer/roof antenna. I have never heard anything like this, although the closest thing to it was August 5, 1986. It was stationary for pretty much the whole opening, which lasted 3 hours to Florida, Georgia, and South Carolina. I got a perfect signal from a Florida NWS (see Matt Sittel's column for which one!), and some area DXers report Es on channel 7! Most people I have spoken with feel it was the biggest opening they've DXed. The signal strengths were amazing. Some Buffalo locals were wiped out and most Toronto stations were gone! I hope some of you got in on it! If you did, or heard any other DX, please send in a report to your WTFDA DX column

66-itors. 73, Greg



SATELLITE NEWS

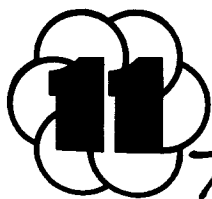
GEORGE W. JENSEN  
4604 Anntana Avenue  
Baltimore, MD 21206-4220

And now this time around - the Audio Services.. - BUT first, a few new bits and pieces - for those keeping track - make the appropriate change to last months listings.

Silent Network which was on Satcom 4 XPDR 23 is now XPDR 16.  
HBO future changes - Promo feed on Satcom 3 XPDR 13 will be dropped. HBO West will move to Satcom 3 XPDR 3 (sic)  
The HBO Comedy Channel will be on Galaxy 1 XPDR 1. Effective sometime in September.  
RPT TV from Spacenet 1 XPDR 23 to Westar 5 XPDR 17  
Northwest Cable Sports - Satcom 1 - XPDR 18  
Prime Sports Network - Satcom 1 - XPDR 2h - now VCII  
A & E is using the addressable mode - but packager is not yet known.  
Spanish Shopping Channel is on Spacenet 2 - XPDR 7  
Canadian News Channel will be on Anik 2 - XPDR 23

AND NOW THE AUDIO SERVICES:

- Satcom 5 - XPDR 24 - KSKA - Anchorage, Alaska
- Satcom 1 - XPDR 4 - Sun Radio Network
- 7 - KKGO - Los Angeles, California
- Galaxy 1 - XPDR 2 - Nashville Network Radio
- 3 - WFMT - Chicago, Illinois
- Seeburg 2 - Contemporary Hits ?
- 7 - CNN Radio
- 8 - CNN Radio
- 11 - CBN Radio Network
- 15 - WCXR - New York, New York
- The Greek Network
- 17 - USA Radio Network
- Religious programming Feeds
- Satcom 3 - XPDR 11 - Cable Radio Network - Los Angeles, California
- 16 - WJWK - Newark, New Jersey (ethnic Programming)
- ASC 1 - nothing noted
- Telstar 303 - nothing noted
- S3S 5 - nothing noted.
- Westar 5 - XPDR 18 - at least 3 MUZAK services noted I did not notice  
the SBN Sheridan service noted someplaces
- Spacenet 1 - XPDR 9 - WCIE - Lakeland, Florida (FM service)
- 17 - numerous In-Store music services.  
KSRK - Ogden, Utah was here once, but not noted lately.
- 21 - Lighthouse Inspiration Network - Winston-Salem, North Carolina
- Morelos F1 - XPDR 2 - XEPR - Radio Felicidad - Mexico City
- Anik D2 - XPDR 11 - Classical (Chamber) Music
- 17 - Radio France International - Paris, France
- Anik C1 - XPDR 6 - CJAD - Montreal, Quebec (CJ80 id)
- 12 - Radio France International
- 20 - no ID Rock
- CJRT - 91.1 - Toronto, Ontario
- 22 - CFTR - Toronto, Ontario
- 24 - Background Music
- 32 - CFMY Toronto (Brampton) Ontario

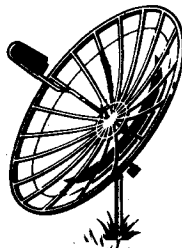


Together, we're the ones!



- G-Star A2 - nothing noted  
 Anik D1 - XPDR 2 - CJ3 feeds  
   Classical music  
   Comedy feeds  
   FM 102 Toronto (CFMY)  
 6 - CKO Toronto, Ontario  
   Background Music  
   CKO Radio Network Feeds  
 8 - CJCL - Toronto, Ontario  
   CHFI - Toronto, Ontario  
   Feeds  
 14 -CKAC - Montreal, Quebec  
   CITE - Montreal, Quebec  
   CJMS - Montreal, Quebec  
   CKO Feeds  
   French News Feeds  
 15 -CBC French Ethnic music  
 16 -CBC FM French Classical Service  
   CBC FM Network English Feeds  
 18 -CIRK - Edmonton, Alberta  
   CKER - Edmonton, Alberta  
   CKO - Alberta network  
   CISN - Edmonton, Alberta  
   CKRW - White Horse, Yukon Territory  
 20 -CEM - Montreal, Quebec  
 21 -CKNM - Yellowknife, Northwest Territory  
 22 -CFMI - New Westminster, British Columbia  
   CBU - Vancouver, British Columbia  
   CKNW - Vancouver, British Columbia  
 23 -VOCM - St. Johns, Newfoundland  
   CKRW - White Horse, Yukon Territory/CHON occasionally  
 24 -CBC - French Classical Network  
   CBC - English Classical and Cultural Network
- G-Star A1 - nothing noted  
 Westar 4 - XPDR 6 - WCRP - Guayama, Puerto Rico (fineally ID'd)  
 Telstar 301 - nothing noted despite listings to the contrary  
 SES 3 - nothing noted  
 Galaxy 3 - XPDR 7 - Un ID'd Country/Gospel music service - No WRR Dallas as listed some places.  
 9 - KSJN - Minneapolis, Minnesota (NPR affiliate)  
   WCCO - Minneapolis, Minnesota  
 11 - The 7 Galactic Radio Services plus:  
   KOA - Denver, Colorado  
   KSJN - Minneapolis, Minnesota  
 23 -WRVL - Lynchburg, Virginia  
   Family Network  
 24 -BBC - London, England - World Service
- SBS4 - nothing noted  
 Spacenet 3 - XPDR 5 - Installation Audio Text Network  
   USA Radio Network  
   Religious network from Dallas, Texas  
   Contra Radio Network despite what other sources say -  
 9 -WKEN - Dover Delaware  
   National Black Network  
 15 -KKGO - Los Angeles, California  
   Financial Broadcasting Network  
   Inspirational Radio  
 17 - Sun Radio Network

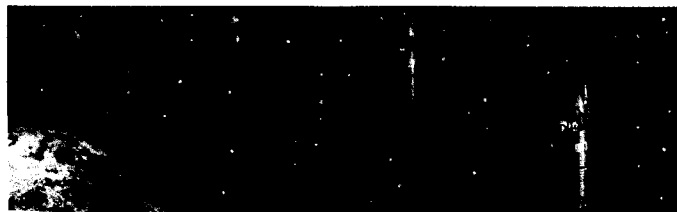
RCA K-1 - nothing noted



- Telstar 302 - nothing noted  
 Satcom 4 - XPDR - 2 - Catholic TeleCommunications Network of America Audio  
   8 - reported - Tidewater Radio - Black Gospel Music?  
   - KILA - Las Vegas, Nevada  
   - SOS Radio Network  
   - Background Music  
   13 - WJIB - Boston, Massachusetts - barker  
   15 - Yesterday USA Superstation  
   21 - Yesterday USA Superstation  
   22 - WXTR - LaPlata, Maryland (Washington, DC) ID's as XTRA 104
- RCA K-2 - nothing noted  
 Galaxy 2 - XPDR - 2 - North America I - Richland Center, Wisconsin  
   11 - Capitol Radio - London, England (occasional)  
 Satcom 2 - 22 - AFRTS Radio Services NOTENOTENOTE - no longer audible  
   as AFRTS is now scrambled using one of the MAC systems.....  
 Spacenet 2 - XPDR 5 - Satellite Radio Network  
 BrazilSat - many audio services are carried, but this is not seen at this location, so I can't list what's up there  
 Intelsat VA F-13 - 14 - several occasional news feeds  
 PanAmSat - - NOTES - ESPN Ku feed now scrambled using a MAC system as well as someone on C-  
   Argentina Television Color - ch. 7 - XPDR unknown did carry  
   2 Radio Nacional de Buenos Aires channels when it was on Intelsat probably still doing so, but I don't live there and thus can't see it to verify this
- Intelsat V-F4 - nothing noted  
 Intelsat VA-F11 - 14 - Capitol Radio - London, England  
   - 15 - several Voice of America services - English, Spanish, Portuguese and Chinese  
   - 16 - BBC Radio News  
   BBC World Service
- Gorizont 15 -  
 Gorizont at all west - both carry national Programs I and II out of Moscow.

Again another long column completed. I hope some have noticed that some information here is NOT carried anywhere else. Where have you seen Delaware listed as a satellite service? While it may be temporary (I don't think so as an 800 number was being given for a call in program) You may catch this if you get this soon. West Coasters - have any of you seen anything coming from Morelos 2 - which should be activated soon. Who exactly is on XPDR 7 of Morelos 1 - anyone fairly permanently.  
 Bird Watchers in Latin America or the deep South - do any of you get anything from BrazilSat - if so what? How's your reception of PanAmSat? (45West) See you in 30.

**YOU CAN SEE THE FUTURE  
 IN OUR EXPANDING GALAXY.**



**HUGHES COMMUNICATIONS.**

# FEEDBACK

WTFDAers:

As a member who would like to put my "two cents" in, I appreciate the work the staff does for the hobby every month and thank them for this "Feedback" opportunity. Many of you are sure dedicated and avid, and that makes VUD all the more enjoyable. There are some things about the club that might be changed for the better though. In particular, can anyone justify the make-a-buck attitude that certain members show from time-to-time. I have no problems with the idea of sending in an S.A.S.E in return for a reply to a DXer or to the club staff. That makes sense, especially in the case of the club, because I understand that they do receive several thousand pieces of mail per year, many which require answering (we are listed in some worldwide publications, as I understand it.).

No, my problem is with the person who wants you PAY for information. Not anything elaborate like a database or tech manual. Just something simple and/or of general interest to the club. Let me give you a few examples of what I have seen take place.

I sure would like to get to a WTFDA convention. Most of them have been held in places that are pretty remote from me, some of the places I couldn't even find on the Rand McNally! But it would be nice to read about them anyway. When I first got into the club, I wrote to PO Box 514 to see if I could get a copy of the VUD with a convention report for a recent year's convention. To my astonishment I was told that if I wanted such a report I had to buy tapes of it from the host who was SELLING them!!! Sorry fellows, but this kind of approach is strictly minor league. I can't believe the guy has any kind of "club spirit", because he didn't even write up a report of the convention, send in photos of it, or anything.

It may not be entirely his fault. Maybe he was too busy to write an account of the convention or whatever but surely someone could have volunteered. I noticed in the back issues of VUD I obtained from the supply division there were such articles. Whatever happened to the tradition??? Why not make the host agree in advance to do a report about the convention (to be published in the VUD without compensation, just like the regular staff editors).

It seems to be o.k. with the club board if anyone plugs anything for sale in the VUD? It's good to know about something that's available, but constant "plugola" for a book or newsletter (no matter how great the ceaseless and corny testimonials say they are) as can be seen in one column really drives me up the wall. I get suspicious of those who are into constant self-promotion. They might get ahead in the radio business or in sales or whatever, but isn't the WTFDA supposed to be not-for-profit? To my way of thinking, this adds an element of sleaziness to a DX club and reflects pretty poorly on the credibility of all concerned.

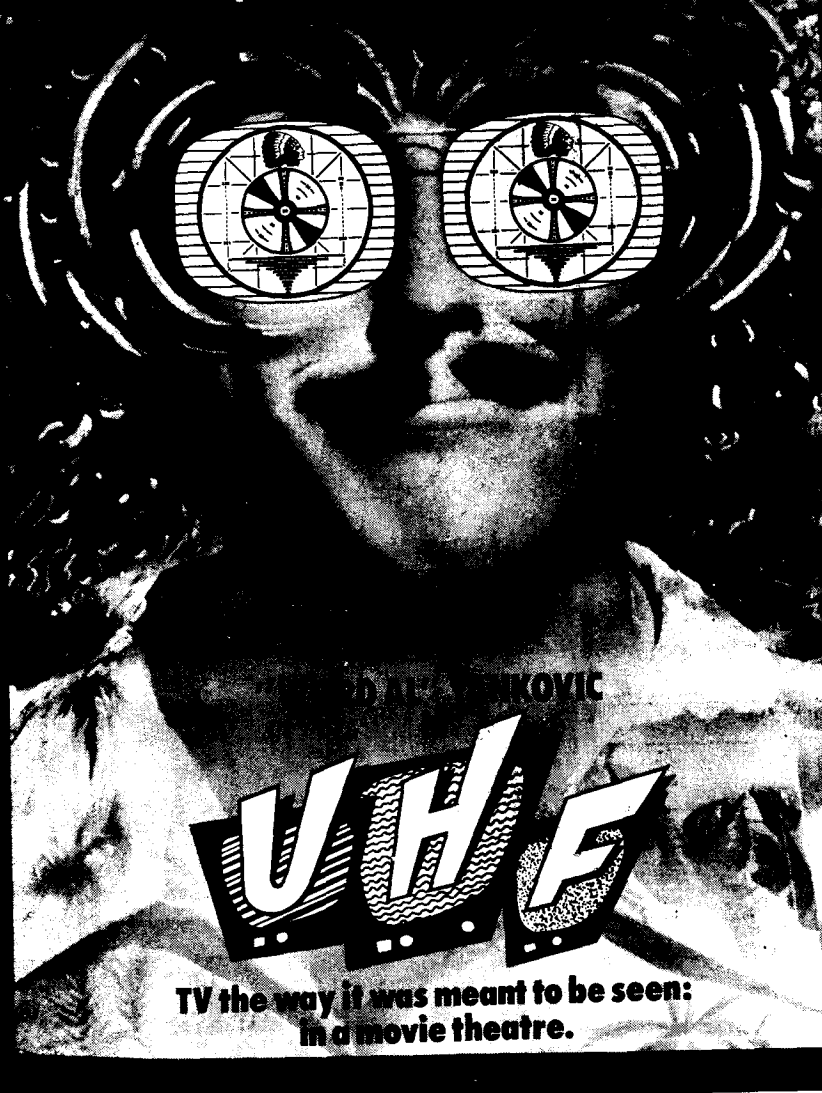
One of the most blatant things in this vein I read quite awhile ago in the VUD, where a column editor seemed to be looking for people to invest money in a business venture, a broadcasting station he wanted to start up. Now there's nothing wrong with that except he was using the VUD, which is published by and for dues-paying members. I say that anyone who does this should be either made to pay for the cost of printing that particular page in the VUD (ie: advertising--wow, what a concept). If we sold ads in the VUD, surely this could help keep our dues low in the future.

You will notice I have not mentioned any names. That is because it was not my intention to offend anyone. I basically like you all and appreciate all your work, I just would like to remind you that WTFDA is supposed to be non-profit. That means not for your profit, not for my profit. Again, I thank the editors for allowing me this space to get on my "soapbox"!

Les Remmer  
7/1/89

ARE SOME WTFDAERS TRYING TO  
PROFIT UNFAIRLY FROM THE  
HOBBY? MEMBER LES REMMER SAYS  
HE SEES EVIDENCE OF IT IN THE  
VHF-UHF DIGEST

A lot of TV stations have forgotten what  
"quality" means, but not Channel 62.  
They NEVER knew what it meant.



**NOW AT A THEATRE NEAR YOU!**

**ORION**