

# From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

E-SKIP OFF TO FLYING START?...Every year is different, but word has it that the 1985 E-skip DX season has started in a big way. It's only late May as this is being written, but we've had word about numerous and interesting sporadic E openings that have been taking place since mid-month. We hope that you're checking channels 2 thru 6 and the FM broadcast band from 88 to 108 MHz every day now, because we're now into the best part of the season for short skip. Good DXing...and don't forget to report what you're seeing to your DX column editors!

SPECIAL OFFER TO DXERS...WTFDAer Pete Nolan is publisher of a newsletter that's of great interest to anyone with more than just a passing interest in the radio business, and one that many DXers will want. It's the M STREET JOURNAL, a newsletter that's jam-packed with the most current data on FCC (as well as Canada's CRTC) decisions, including call letter and station ownership changes. It costs \$45 per year for those in the broadcasting profession, but, it is now available to DX club members for only \$25 for a year's subscription. Needless to say, this is quite a deal! If you want to see for yourself, free samples are available. Write to: M STREET JOURNAL, P.O. Box 540381, Houston TX 77254. If you want to qualify for the DXer discount, be sure to mention that you are a DX club member.

VOLUNTEERS ALWAYS NEEDED...We've had mixed response for our request for articles such as equipment reviews, but we're happy to say that we've had one or two new column ideas, and you'll hopefully be seeing these in the VHF-UHF DIGEST soon. Also, we'll be needing a new Editor-in-Chief for the VUD within a year, as Dave Nieman expects to be stepping down from this post in early '86 (the popular PHOTO-NEWS feature will continue to be handled by Dave), and this will require a member who is willing to devote a considerable amount of time, as well as layout and editing skills.

AUGUST IS COMING--SO C'MON DOWN TO NEW ORLEANS...Now's the time to make your plans--head for NEW ORLEANS for the 1985 WTFDA CONVENTION on August 2nd, 3rd, and 4th. This is going to be a great one, with a tour of a shortwave broadcasting station (WRNO), as an extra added attraction. During the last club convention in New Orleans (in 1972), "normal" Gulf of Mexico nighttime tropo conditions of 400 to 600 miles wowed some visiting DXers (and bored the locals!). We're hoping for a repeat performance! As this is being prepared, we're awaiting some last-minute schedule information from Ron LeBlanc, so we'll wait until the July issue to run the convention registration form insert. If you can't wait, an SASE to WTFDA Headquarters will get you further info and a copy of the form after June 15th. See page 20 for more details.

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June, 1985

# MAILBOX

Alan Hyams  
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Bronx, NY 10464

Jeff Kadet puts in his 2¢ concerning the logging procedures debate and more:

"To me, DXing is a sport. When trying to explain DXing to someone, I say that it is a lot like birdwatching but with radio or TV signals. Perhaps DXing would be more pleasant without having totals, but there is obviously a part of human nature which desires totals and statistics. Just look at baseball, the weekly Neilson ratings, or the Fortune 500 list.

Anyway, the birdwatching analogy brings up the topic of counting call letter changes. If a Yellow Bellied Sapsucker has its' name officially changed to the Do Do Bird by the Federal Bird Commission, are you looking at the same bird or not? I think that you are looking at the same bird. It is likewise the case with call letter changes.

Now, there is a solution. I think BCB/FM/TV DXers should count their totals the same way that HAMS do when they count total countries contacted. That is, that there is one set of numbers for current existing countries, and another set of numbers which also includes countries which no longer exist. For instance, if I was an FM DXer who has been DXing for twenty years and has heard 1,000 stations, but 75 of those were call changes, I'd list my totals as 925/1,000. This way old-timers are happy, yet you can still compare totals for stations which are within the realm of current possibility.

This method is not perfect (like how do you count the channel 14s which have appeared over the years from Washington, D.C. and Arlington, VA?) but it's still better than nothing.

I have two gripes unrelated to the above. Many DXers, myself included, use color TV sets to DX on. My guess is that this will increase in the future. Yet the VUD is unable to reproduce color prints in the "Photo-News" column. I would like to submit some of my better TV DX photos to "Photo-News", but at \$1.50 a pop, which is the cheapest a b&w print can be made from a color negative in Macomb, I can't afford it.

My second gripe is having the knowledge that an article is currently on hand at WTFDA headquarters on new state-of-the-art equipment, yet it is being held back for future publication. Last year it happened with the Winegard PA-4975 pre-amp and this year it's happening with the Teknika tuner.

Last year, after waiting patiently for the PA 4975 article, the new DX season was upon us and I purchased that monstrosity known as the EU-4S. This year, the defective tuner in my Zenith TV set has not been replaced because I have been waiting (3 months now) for the promised review of the Teknika tuner. The purpose of a DX club is to disseminate information to help in DXing. Let's do it!"

Christopher Hanley wants to let everyone know that his mailing address has been changed. Instead of P.O. Box 15349, Winston-Salem, NC 27113, his mailing address is now Box 5, 127 S. Stratford Rd., Winston-Salem, NC 27104.

Bill Draeb sends in his logging procedure commentary:

"I have a few comments on counting stations. First of all, let me say that I don't care how each DXer counts his stations, but, when I see totals in the VUD (whether in a statistics column or in a report) I would like to believe that the totals were arrived at in the same way. I see no point in publishing totals, especially in a statistics column, if everyone submitting totals follows their own rules when counting

MAILBOX continues next page...



**On Air in Stereo**  
 AL Montgomery WLBK \*89.1  
 AL Sheffield WBTG 106.3, but properly turns off a generator when carrying mono gospel programs  
 AZ Parker KWFH \*90.1  
 AR Hot Springs KSCB \*90.1  
 CA Camarillo KMRO \*90.3  
 CO Grand Junction KPRN \*89.5  
 FL Milton E WEGS \*91.7  
 FL (town unknown) WNCM, believed to be/IN Loogootee WKMD 94.3, p. "94-FM KMD (on air 5 am to 1 am CDT)  
 KS Hays KHAZ 99.5 "KZ Country (not strict); Transtar k and Transtar news, TX (or TU-telemetry)  
 KS Lamed KODF 96.7  
 LA Port Sulphur KHAA 106.7 b (signs off 6 p. m.—not legal to do so without FCC waiver; commercial fm stations must remain on until 10 p. m. local time; station has no telephone)  
 MN Osakis KBHL 103.9 g, live announcer, G (Moody) network  
 NY Syracuse WJWZ \*89.1, rp, ON AIR!  
 TX Crockett KINY-FM 92.7  
 TX Hillsboro KJNE 102.5, still k, adds Waco to dual city ID; no nonID; no SCA  
*Some of the above stereo items are from the new Broadcasting Yearbook. One of our reporters has gone through part of it, in search of stereo stations. I'd like any others to feel free to join in this search; visit your local library and take a list of stations, being careful only to check stations listed as mono—or take a list compiled from VUD reports, especially those in which the Stereo status of a station was not known. I may not have the time to do this this year. Caution: That yearbook has a tendency to carry on old listings. Thus, KBES Ceres CA was listed as \$, when our local reporter tells us KBES has never had \$—or at least is not stereo now. Similarly, KDHL-FM 95.9 Faribault MN is listed as stereo, whereas KDHL-FM never uses its stereo equipment.*

**Discontinues Stereophony**  
 CA Los Angeles KHOF 99.5, now run by new owners, presumably  
**NonIDs—not just "Slogans"**  
 AL Birmingham WLTB 99.5 Lite-99 (again)  
 AL Tusculumbia WVNA-FM 100.3 FM-100, "Back on with no format change. Their signal is not as strong as it was before they went off the air."  
 FL Fort Myers WINK-FM 96.9 Wink FM-97  
 FL Jupiter WJXI-FM 96.7 Wicksee, adds West Palm Beach instead of Tequesta, to its dual city ID. "AM to WIXI 96.7 is NOT in Lancaster KY! Lancaster KY changed calls last summer to WKYY; the calls were taken up in December by the former WVSI-1000 in, yes, Jupiter FL (hence the 'FM')  
 FL Fort Pierce WKGR 98.7 98-KGR, rock FL West Palm Beach WEAT-FM 105.4 FM-104 (not strict)  
 IL Kankakee WBSW 99.9 The Bus  
 IL Pekin WKQA 104.9 Light 104  
 MA Boston WKIT 100.7 The Cat  
 MS Meridian WJDO 101.3 does retain its Q-1 101 non ID.  
 NH Claremont/Lebanon WHDQ 106.1 Q-106  
 NY Niagara Falls WKSE 98.5 Kiss-FM, still r

**Deletions?**  
 CA Blythe KERU \*88.5  
 FL Starke WTLG \*88.3  
 NH Manchester WANH \*90.7  
 WY Saratoga KWND 99.9—application denied for extension of time to build station

**CALL LETTERS Assigned, Changed**  
 AL Langdale \*91.5 WEBT  
 AK Anchorage 107.5 KASH (KSNA)  
 AK Delta Junction 93.5 KDCZ  
 AK Seward 103.1 KMDT  
 AK Soddotna 101.7 KKAC (KENY)  
 AZ Kingman 105.9 KAWA  
 AR Ashdown 92.1 KARQ  
 CA Anaheim 95.9 KEZY (KEZY-FM)  
 CA Bakersfield \*89.1 KPRX  
 GA Gordon 107.1 WQXM-FM (WQXM; AM gets new calls)  
 GA Nashville 95.3 WTKZ  
 GA Newman 96.7 WBUS (WRNG)  
 GA Swainsboro 98.3 WGKS (WJAT-FM)  
 IL Jacksonville 100.5 WYMG (WEAL)  
 IN Brazil 97.7 WSDM-FM (WBDJ), b, "Wisdom-98"  
 IN Columbia City \*91.5 WJRS  
 IN Petersburg 102.3 WFPC (WFOV), s, k, no nonID; on 24 hours  
 IA Mason City 93.5 KNIQ  
 KS Columbus 98.3 KSSC (KCCU)  
 KY Haysville 105.3 KXLLK  
 KY Burnsides 93.9 WJDI  
 KY Campbellville \*88.7 WKJV  
 MI Detroit 93.1 WLTI (WDRQ), mr, "W-Lite" or WLITE (spelled out) (same format as WJTY 106.7 Fort Lauderdale FL and KYND 92.1 Seabrook TX)  
 MI Houghton Lake 98.5 WJGS-FM (WJGS)  
 MN East Grand Forks 104.3 KZLT-FM (KRRK-FM); light r, K-Light (strict); still on 103.9, but moving to 104.3  
 MN Marshall 107.1 KBJJ  
 MO Centralia 92.1 KMFC (KZOU)  
 MO Neosho \*91.5 KNEO  
 MO Springfield \*89.1 WFCM  
 MT Butte \*90.5 KMTT  
 NM Albuquerque 94.1 KRKE-FM (KWXL)  
 NY Rotterdam 98.3 WMRL  
 NC Washington 93.3 WITN-FM (WITN; nonID assumed retained; as with KEZY 95.9 Anaheim CA above)  
 OH Toledo \*90.3 WFTD (Pete Nolan OK Atoka 103.1 KHKC (KEOR-FM); per/OR Cave Junction 102.7 KBGG-FM (KBGG) [K201AF]  
 OR Jacksonville \*88.1 K201AK (NWX/PA Allentown 104.1 WAEB-FM (KXKW)  
 PA Blairsville 106.3 WWQQ (WCQO)  
 PA Greenville 107.1 WEXX (WGRP-FM)  
 PA Mifflintown 107.1 WJBS (WQJU)  
 SC Batesburg 95.3 WBLR-FM (WKWQ)  
 SC Orangeburg 106.7 WTCB-FM (WIGL; "New Stations Granted")  
 SD Sioux Falls \*90.9 KCSD (not KCFS; TN Bolivar 96.7 WQKZ-FM (WQKZ), nonID assumed dropped  
 TN Memphis 104.5 WRVR-FM (WRVR); nonID assumed dropped  
 VT St. Johnsbury 105.5 WNKV  
 VA Galax 98.1 WBRF (WBOB-FM)  
 VA Winchester \*91.3 WTRM  
 WA Opportunity 96.1 KKPL-FM (KKPL); nonID assumed dropped  
 WA Quincy 96.7 KWWW-FM (KLLH); AM (is or was) in far-away Wenatchee WA; KWWW-FM goes to 260 h.v.; 1080  
 WA Seattle 96.5 KQKT (KKMI-FM)  
 WA Spokane 92.9 KZZU-FM (KZZU); nonID assumed retained  
 WI Eagle River 94.3 WRJO (WERL-FM)  
 WI Milwaukee 97.3 WLTO (WBTT), mr, "Lite-97.3"

**Two long-time mono stations changed calls this month—WEXX Greenville PA and WRJO Eagle River WI. It will be interesting to check on them to see if they have gone stereo. Also, WBRF Galax VA.**

**CALLS QUESTIONABLE???**  
 IN North Vernon 106.1 WINN still using WNDI calls; change to WINN not going to go into effect?  
**Formats/Networks**  
 CA Cambria KOTR 94.3 p (not k; it's "old-line progressive... 15 years ago it'd have been called an underground radio station... Chances are your reporter was passing through the area and happened to hear a block of country music; in reality, it sounds like the station will play just about anything!")  
 CA Tahoe City KRZQ 96.5 r, reporter in area not sure if Stereo or not; "stations in this area do not often mention stereo on the air; not all of them have stereo"  
 CO Avon KZYR 103.1 rock

**WFCS-FM**  
 P. O. BOX B-030  
 NEW BRITAIN, CT  
 06050

CT New Britain WFCS \*97.9 p, Mutualnews  
 FL Coral Gables (adds Miami-Fort Lauderdale to ID) WHQT 105.1 rs, "Hot 105"  
 FL Goulds (adds Miami as dual city ID) WTHM 98.3 rs, "Rhythm-98"  
 IL Le Roy WITWN 92.7 k ("their AM is rock")  
 IN Spencer/Bloomington \*90.5O 92.7 k  
 IN Terre Haute WHMD \*90.5O [jazz]  
 LA Clinton WQCK 92.7 g (contemporary Christian); "many ads, and they make a play for the Baton Rouge market. How they do it, I don't know, for Baton Rouge is almost 40 miles"  
 ME Biddeford WBYC 94.3 mr  
 ME Saco WHYR 95.9 [rock]  
 MA Brookline WBOS 92.9 r, not k  
 NE Aurora KKBK 103.1 m (big bands, older type vocals), S network news, TX (telemetry), \$, but much of the \$ seems to be simulated, often no separation noted; many records seem old and scratchy. Seems live; must have bought out record collection of WNUF 100.7 New Kensington PA. A very unique format for a commercial station, and very radical for conservative Nebraska! [news, not cj]  
 NH Concord WEVO-FM \*89.1 classical and/ NH Exeter WERZ 107.1 pr  
 NJ Eatontown WHTG-FM 106.3 r [101], \$  
 NY Olean WBIZ 100.9 r (from k), now "Z/OH Cleveland WMMs 100.7 r (from rp)  
 SC Mount Pleasant WDXZ 104.9 b [beautiful]  
 SC Ravenel WGOX 101.7 b  
 TN Franklin WLKQ-FM 100.1 m, no nonID  
 TN Memphis WZKR 102.7 r, Z-103 [see Tim McVey's comments below]  
 TN Oak Ridge WKNF-FM 94.3 m, K-94, automated stereo  
 TN Olivehill WDNX \*89.1 gb; has stereo, "but much of our broadcast material is mono rather than stereo. Usually when we broadcast mono material it is sent out over both R & L channels, but sometimes not. We usually state that we have periods of stereophonic broadcasting... We are religious on Sabbath and also Sunday," with b mainly weekdays at midday. On air 10:07 a. m. to 10:15 p. m.  
 VT Seabrook KYND 92.1 m 107.5 mr

**WDXZ EDUCATIONAL RADIO**  
 101.7 b

If you're wondering from the preceding page, if we're turning Greek or not, well, we're not. I am testing out some 28 new type fonts, up to 10 of which I may trade in for others. This entire column is being done on type that I did not have last month. Your comments about its readability will be appreciated. There will be other changes coming in the appearance of this column, too. Stay watching.  
 WVEY Pittsburgh PA, mentioned in last month's column, is taken to task by Pete Nolan: "The latest word is that WVEY is back on the air; they were going to go off completely for several months while they tried to finance new equipment and generally remove the sour taste of frequent equipment failures and poor programming from people's mouths/ears, but after a couple weeks off they recently discovered that not being on the air cost them grant money. So now they're back on the air, at very reduced power, with an essentially caretaker schedule—i.e. something peculiar like live programming in the 6-9 a. m. hours and during the evening, and taped music or sound effects the rest of the time... In any event, the station is and probably will be for several months an almost complete non-entity. To your question—is it stereo? It's supposed to be. The exciter, however, is one of those pieces of aged and abused equipment that breaks down frequently, so at any given moment it may or may not be; given the nature of their current broadcasting, it would surprise me if they were in mono. Nor, from what I've heard of W. T. Kottek's stories of the station, would it help much to call it; it sounds like no one there would know what's going on, either! A real mess!"  
 "KDNT FM 94.5 isn't really a Dallas rim-shooter, but it IS a suburban rim-shooter, if that's the proper term. KDNT (AM, 1440) is licensed to Denton, which is on the northern edge of the Dallas metro and really its own city until Dallas starts overrunning it; they bought the 94.5 FM last year, and from what I've heard the FM seems to be serving the same area (Denton/Hano/Kinney/etc.). Not a Dallas rim-shooter in that they're not trying to present or sell themselves as a Dallas station, to listeners or agencies, but they do get a lot of clients from local north suburban businesses... Hope your house-selling efforts pay off soon; I know what a nuisance/albatross that can be, especially in a smaller town!" (The latest is that our sign, which mentioned to tune in the FM 104.1 frequency, was stolen, one Saturday night, metal pole and all. I suspect the sign resides in a local fraternity house—we're now with a realtor and the radio experiment abandoned, at least for the moment.)  
 Another public station having problems appears to be WUOL 99.5 Louisville. "They are broke, and rumored to be going off the air as of July sometime," writes Ted Gleicher. "Three sets of rumors are going around—one that WUOL will stay at U. of L. but become a student station with no paid staff; one that WUOL will go off the air and the frequency go to Bellarmine College or another group here. The 3rd rumor says that they will stay status quo but fire all staff and use students to read news and announce music with automation assist. The best part is that I heard the manager I dislike will be fired as of July. This is good as I left as did others as he put us all on half pay and forced us out; some nice guy, eh?... In all the mess, they have cut the hours down at WUOL—now from 6 a. m.-midnight 11 days (even on earlier and later) and they have dropped SCA programs as they dropped NPR as of April 1, too! They are also dropping out of CPB and left all non-classical shows go except Big Band Stand, which I give them (free). We had a fight on that too but I prevailed for now, though am looking for a new affiliate here and likely will find one as three stations have expressed interest... Was in Pittsburgh, Akron and Cleveland with DXer George Greene and had a nice time... All talk WNIR 100.1 Kent OH still talk, but with 1-2 records every hour (softrock) to allow the jock to go to the newsroom, bathroom, etc. Mostly talk, but if you hear mono music here, it's them! WMBU \*88.5 Oxford OH has dropped all classical and is jazz and big bands (my show, too!) totally. Also noted WEDA 95.1 Grove City PA is now b," not soul, as an earlier VUD report had them.  
 "Locally, WVEZ has been sold, but no change is anticipated per their GM. The firm that bought them has owned b stations before, and so they anticipate no changes here—who knows? WKKA is still rock and no sales or changes are in the works that I can tell; they did fire all staff about three months ago and replace them, but no format changes there as a result and they are not interested in the sale of the station, I have been informed. May change after the next book, though as they are rumored in deep trouble."  
 Responding to an item about dead FM carriers in the May VUD, Robert Baker, Humboldt IA: "The owner of our local FM station (KHBH 97.7) told me that in very cold weather, e. g. 10 to 30 below zero F, he leaves the limiter on all night. The transmitter is in an unheated building and he says that this produces less stress on the transmitter than turning it on in the morning when its components are near 0° F. His explanation was in response to my question to him: 'Why is your carrier on after your usual sign off?' [I think he really means he leaves the exciter, not the limiter, on all night. This is not full power, but only about 10 watts, and I know many stations that engage in this practice. There is division of opinion as to whether the practice of leaving exciters only on is legal or not.]  
 And Bob thinks he has the ultimate solution for FM car radio reception, using a modified C. B. antenna with a magnetic base. He selected a Harada CF-70, then he: Unscrewed the mast and threw the mast away. He bought a spring base replacement mast

this was placed on stud of magnetic base, tightened the set screw and put clear nail polish over the head of the set screw. He then placed a coax adapter on end of the coax cable leading from the magnetic base, and placed the antenna on the hood of the car, with coax through the window. The adapter he used is a Calrad 30-469 at \$1.00 in the McGEE radio catalog (1-800-34MCGEE). [I would think the antenna could be placed right on top of the car roof for maximum station pickup, with cable instead of going through the window, between the door and the frame of the car, or drilling a few holes for a more professional job.] Bob says this works fine for FM, but very poorly for AM.  
 "Noticed the KYKR 93.3 [Port Arthur TX] translator for the Woodlands," says Pete Nolan. "I wonder what they're up to, as they're listed as having translators all over SE Texas. As far as I know none of them are in use."  
 An item sent by Mike Dornier mentioned that the Louisiana Educational Television Authority has rejected a request by KROK -FM and Louisiana State U-Shreveport to jointly use the public TV tower in Shreveport. Behind the scenes was meddling by a competitor to Krok, namely KRMD-FM. KROK, of course, is now KVKI, 96.5. To use the TV tower each station would pay about \$100,000 in construction costs, while to go it alone would entail a per-station expense of \$750,000.  
 Concerning KHAA 106.7 Fort Sulphur LA: "The other day I heard it definitely go off at 6 p. m. The automation stops, there is a long silent pause, and then the same hokey announcement used exclusively on breaks is heard, and the transmitter is turned off. 'K H A A Stereo, 106.7 Port Sulphur. And now we—more beau-u-tiful music on K H A A.' Once or so each hour they run the announcement asking businessmen to advertise, but this time they do not give a telephone number as they used to. Instead, they ask potential advertisers to WRITE! I called long distance information to talk to the people at KHAA, but was told it was not listed in Port Sulphur, or anywhere in the Plaquemines Parish listing. Obviously, the ad-less station cannot even afford a telephone... Incidentally, their music mix escapes the usual muzak sound. The instrumentals are uttempo, bright, and are often movie and show themes from the sixties. But the signal is so weak that it washes out continually."  
 Mike mentions other stations: WBOX-FM 92.7 Varnado (AM Bogalusa) still not on air... "KCIL Houma is now 107.5, the frequency that I suggested that they ask for. As you know, I fool around with FM frequency assignments (allotments as they are now called), and found one to match competitor KKOM. I have yet to even receive an acknowledgment. The class A FM in Sulphur LA, just outside Lake Charles LA, KTQQ 100.9 claimed to be No. 1 in the Lake Charles market when I talked to them year ago. This is strange, since there is a Class C format in Lake Charles. Maybe there are rim-shooters that do very well... It is clear that WMAA \*91.3 Jackson MS is still not on the air, since nothing is there, even when the other Jackson FMs boom. KNSU \*91.3 Thibodaux still not on the air... KKKX 106.5 Galveston TX is definitely using as one of its slogans 'La Estrela... KABF \*88.3 Little Rock on the air at 0520 a. m. with soul music, \$, 'Rocking 88' slogan" Mike asked if KWDM West Des Moines IA is deleted. "Its assignment seems to conflict with the Grodes A signal of KUCC on 89.3 (12 miles)." No, KWDM has applied for \*91.1, 205 watts h.v. at 87". Talking about the new FCC rules concerning applications for new stations, daytimers have the same priority in hearings as do local owners and minority broadcasters, provided they owned the daytime in the same community for at least three years." Nevertheless, if they are awarded the FM CP, they must pledge that, within 3 years of the PTA date, they will divest themselves of the AM daytime, and retain the FM. Apparently, they do not have to make the pledge, but then they will not receive the extra points for a handicap in the hearing. Now, what is remarkable about this rulemaking is that the Commission, in a lengthy preamble to its decision, remarks that it is led to these new rules because AM daytimers are at a severe disadvantage in serving their communities... But by requiring daytime owners to divest themselves of the AM after the FM has been on the air for three years, they are reinstating the very same situation which they sought to redress in this rule-making... One of the specific arguments used by the Commission in justifying the new rules is that daytime AM owners who have faithfully served their communities, often for many years, would unfairly be subject to new competition from FM rivals if these daytime owners were not given the greater handicap in hearings for new construction permit permits... Or do you suppose that many of the FM owners will simply turn in their AM daytime licenses for revocation? This I doubt, but we shall have to see." \* \* \* \* \*

Ernie Cooper, who does Forward-March! on WOMR \*91.9 Provincetown MA, bought a new Kenwood KRC-2000 for his car. He is pleased with it, holding WOMR into Hyannis at 45 miles, whereas with his old receiver he only got it about 15 miles up U. S. 6. "The personnel listed for WOMR in the 1985 Broadcasting Yearbook is 100% incorrect. . . May I make a suggestion or two for the next FM Atlas, please, Bruce? . . . When one tunes to an open channel and finds a station which you know to be DX, and you hear a certain type of music, it would be of immense help if the type of programming would be shown in the list BY FREQUENCY. I'd suggest eliminating the stereo column in the 'by frequency' section and instead, list the type of programming there, like c, or k, or r, or whatever. Then we might get some idea of what to listen for at ID time! . . . that would eliminate an awful lot of furious page-flipping! . . . or drop the network listing under 'by frequency' and put the type of programming codes in there—the last column. . . The network is important only when the news is on, while the program type is in effect the other 55 minutes of the hour! . . . Please consider it. [Program format information] isn't needed in the by-state section." Ernie sent several nice FM station logos, including the WSNY one used this month. [Your thoughts are provocative, Ernie, and I am sure others will have some opinions on this subject. I have opposed adding format information to the by-frequency list, as you may recall from my 1984 convention talk, because of the double amount of work to update formats in two different sections. Now my attention is directed to improving type styles and possibly eliminating data so that larger type can be used with resulting improved readability. It is, however, remotely possible with the newer technology I am going to that your suggestion can be implemented. —b.] More on that subject from Atlanta's Nick Lombardi: I am surprised you would even consider deleting network information from the next edition of your Atlas. I personally find that information quite useful, and feel sure others do too. The data belongs in the by-geography section (I've never understood why you also have it in the by-frequency section; that makes no sense at all). . . I feel the same way about coverages (primary and secondary) too. If you are going to strip away data from your Atlas and reduce it to nothing more than a station list, we all might as well just buy White's Radio Log. Nick seemed concerned that a traveler might miss which stations had National Public Radio. His point is a good one, and even if I listed network data out I might still somehow show which stations are CPB-qualified. But so many stations use the networks sparingly, like one or two newscasts a day therefrom and otherwise only carry the commercials or network actualities in their local newscasts. And some networks, like ABC-Rock, send only a 2-minute newscast only every second hour. Nick kindly sent copies from The Sensible Sound of pages of a review of the Onkyo T-9090, a \$600 FM tuner. The review was written by Richard T. Modafferi, designer of the legendary McIntosh MR-78. He is quite picky and demanding, so it is interesting that he considers the T-9090 "perhaps the best FM tuner currently available." The stock model had an adjacent channel selectivity of 35 db, but with an improvement from MR-78 technology, it could be improved to 55 db. The Onkyo Co. is considering his suggestion and may improve the product—although R. T. M. considers it already about the best there is. He says "only the Denon TU-850 and the McIntosh MR-78 and possibly the Kenwood KT-81.5, have adjacent channel selectivity better than the T-9090," and all those models are discontinued. Nick also sent an item on WPCB 94.9 Atlanta mentioning how the signal is being improved from "Talladega to Toccoa and from Columbus to Chattahoochee," but not using the word "translators," and not mentioning the translator frequencies.

Another person with ideas about networks is Richard E. Berg-Anderson, who wants them included in at least one section of the "Atlas." He says: "Now that Vane Jones Log has dropped networks on AM and FM, your book is the ONLY inexpensive source of such data for FM. . . If you're running out of letters of the alphabet—keep only the major networks." Richard said he called WCRB Brooklyn NY. "The guy (who wouldn't give me his name) told me that, while he was aware that they were listed in the FM Atlas as being on 103.1, they 'aren't going to make that move.' 'Ever?' I asked. 'I don't know,' he replied. 'But for the near future, say, the next few months, you are staying on 90.9, right?' I queried. 'That's right' was the reply."

A faculty member at Gustavus Adolphus College, St. Peter MN, writes about KGAC \*90.5 there. "The station has been embroiled in technical controversy during its first few weeks in operation because of TV interference in the neighborhood of the tower. . . I have not been directly involved in KGAC as it is a Minnesota Public Radio station, and not a college station. Quite frankly, I find it much more fun to be involved with the students in their funky little station, as that is where the education in doing radio really goes on or them." He said a hearing was to have gone on before the County commission in May on a petition

to shut the station down. No word yet on the outcome of that meeting.



Duluth MN, 95.7

From the public broadcasting paper "Current," is noted that the FCC frowned on making one of the new commercial FM station assignments, 99.5 A, a non-commercial station. KHCC in Hutchinson saw that channel as an opportunity for expansion, but the FCC reiterated its principle that commercial FM channels not be reserved for educational use unless the non-commercial channels, 88-92 MHz, couldn't be used.

And Denver stations KUVU \*89.3 and KCFR \*90.1 are planning to co-locate their transmitters with KRMA (TV), channel 6. A diplexer will be used; and is from Kathrein, a German firm that has constructed equipment for the CBC, with antenna from Shively Labs in Maine. "It's unusual to order the diplexer and antenna from different sources, but only one American manufacturer was willing to bid on KUVU's job."

Tom McVey comments on Memphis' WZZR: "Now we're Z-103, and it sucks! Format is 'hit rock', not unlike WWKX and WOKI. I worry about how local bands in Memphis will get airplay now that WZZR is no more. As you may not know, Memphis produces a LOT of good rock music, such as Creed, Kieth Sykes, Xavian, etc., and the 88-92 stations are poor (of course, Nashville produces a lot of c&w music that never gets exposure on the Nashville radio dial). WOVE 105.5 Rossville GA having problems keeping their AOR format also...heard their GM on the air begging WOVE listeners to fill in their Arbitron diaries so advertisers will pay enough to keep the station going. WQKZ Bolivar had listeners call in to see if the station should go to an all-gospel format (g). . . 242 said yes; 2 said no." [Let us know if WQKZ embraces The Lord, Tim.]

Georgia's Kermit Reid claims WPIQ has been approved for 1500' tower, but I have seen nothing from the FCC; this could be local zoning approval. He says WWGC \*90.7 Carrollton has upped its signal strength, now giving him "3-4 LED lights," whereas before not any. [WPIQ Brunswick GA]

Larry Fuss explains that "on the Barnstable MA case, the FCC will permit new radio and UHF (not VHF) combinations in the same market, on a case basis. In this particular instance, the FM owner faces a competing applicant, and would therefore, in a comparative hearing, be given a demerit for his other broadcast interests, even though he may have been providing a great public service to the community. It's stupid! Our tax dollars at work!"

"Also, is it necessary to print comments of some correspondents regarding the formats of certain stations? Couldn't you just report the format and leave it at that? What one correspondent considers 'loud noise, rock', 'strange sounding' or 'utterly stupid' (all comments from recent issues), may not fit the opinion of the same station by another correspondent. We don't all like the same kind of music. Most stations do what they have to do to make money (or at least try to). After all, radio is a business. If you don't like what you hear, turn the dial."

[I appreciate your comments, Larry, and it will be interesting to see if others have opinions on this subject. While I know there is a diversity of views on the subject of radio programming, I highly respect the opinions of my contributors, who are more than just casual listeners or passive consumers of the media to whom most broadcasters aim their emanations. I believe DXers are among the most serious listeners, and desarey that they are in DX, or at least readers of this column, would qualify many of them to go into management, and probably do at least as well as most of the present radio management people—most of whom got that way because of being good salespersons, not because they know broadcasting. Like the new publication "Enjoying Radio" (Box 85024, Seattle WA 98145-1024) this column treats FM and its related technology, SCA, as individually participative rather than merely spectator/mass-consumptive pursuits. Broadcasting is different from other businesses, Larry. Despite the Fowler FCC, it does take place on channels utilizing the public "airwaves" (ether, spectrum) and broadcasters are only temporary occupants of those

"KDAL-FM should be on the air about July 1st," writes vice-president/general manager John R. Snee.

frequencies, subject to displacement. I am sure my contributors are not trying to knock any type of radio format, but instead question the validity of "surveys" which purportedly show the public favoring formats already in local profusion. Too, the presentation techniques of many broadcasters can be logically questioned, and I am not one to discard the opinion of a reporter merely because it may cause controversy and somebody may disagree. People who disagree are free to write in and tell how they feel. But a good point Larry brings out may be that intersection of reporters' views should not occur where "Formats/Networks" and other more "official" information is found. I've done that mainly to spice up an otherwise dull part of the VUD, with more comment and attribution in these pages. And, if you want more in the line of opinion on station programming, subscribe to "Radiophiles," Box 540381, Houston TX 77254; dues \$20. Perhaps the club's Board of Directors should rule on this, but in the meantime I may be like the broadcasters, both public and commercial, which have been praised and criticized in these pages—namely, I will try to do what is of interest so that an audience can be created and nurtured.]

Perhaps you've noticed since somewhere on the previous page the typing has changed. That's because I have just taken delivery of an IBM Electronic Selectric Composer, the newer version of the old Composer I've had. I am still learning its operation, and hope that, ultimately, it will enable this column to be done with fewer errors—a big expense on my part to help make part of the VUD look nicer! I still have the other Composer, which is a mechanical monstrosity, much like an overgrown Selextric, while this model has a memory function. Like the other one, it is obsolete, and I bought it second-hand from a company in Columbus OH.

David Nieman said WRRH \*90.5 Henrietta NY now on with more power (see "Facilities"), still mono. He sent an article mentioning Buffalo and Fredonia NY as radiation "hot spots" from FM transmitting antennae. The EPA let out a list of 231 stations in 180 cities that could be exceeding safety standards to the human body. I have not seen the list, and it is said to already be out of date, with the data reportedly collected some 5 or more years ago. FM frequencies are said to be the most deadly for the human organism to absorb, because FM's wavelength is close to the average person's height.

Eric Fader took a trip to S. Florida and sent the list of stations having multi-city IDs. "My Sony 2002 was a big help with its presets—I could catch 3-5 legal IDs every hour by going back and forth. Interesting to note that in addition to WHQT 105.1 ('South Florida's dance-rock party') and 'Rhythm 98', the other top 40's—WINZ 94.9 and WHYI 100.7—both had disco accents a la 1979. Disco is still alive in south Florida! They just don't call it that."

[Eric had a good idea to set up different buttons to hear as many legal on-the-hour identifications as possible, enabling us to learn of many stations using multi-city IDs.]

On his trip to Honolulu, Pete Nolan noted KHHP 98.5 is not yet on the air, and he feels KRBE 104.1 Houston is about to change to another variation of r format in a few weeks. Detroit's Robert Grant mentions another station "rim-shooting" its own city of license—WLQV (AM) Detroit, 1500 kHz, formerly WJBK. It went 50 kw very directionally to lure a buyer for the property when it had better coverage with a less directional 10 kw array. "Why did they make the change when it hurt their coverage? Because to an investor who knows little about 'directional patterns' and 'field strength' a 50,000 watt station sounds better than a 10,000 watt station." John Combs sent an article from a Savannah paper on WSVH \*91.1 celebrating its fourth birthday. Pictured is Leonard Kantziper, station founder, now a member of the board of directors. Kantziper once mentioned to me that the FM Atlas was the inspiration for him to start WSVH. A local radio reading service is working to get started on WSVH. John Combs, by the way, refuses to use the "ZIP+4." "As an ex-postal worker, I know what a boonodoodle it is." I tend to agree with John, but I have faith that the system will prove its efficacy, as postal workers get more familiar with it. It would be nice to use that and not street addresses, making the process of addressing simple and making classified advertising easier to do, with shorter addresses to pay for.



Leonard Kantziper

"Regarding KVOB Denver's Leadville translator, I think I can shed some light on the K288AG calls," writes John Jefferson. When I picked up the old translator on 93.5 several years ago, I was amused to note that KVOB gave the calls as K288AG when they obviously meant K228AG. It seems that somebody's typo had outlined the translator it was intended for! In any event, that should make it clear that 105.5 never was involved. . . I am dubious about your note in the February VUD that the KEAR translators in Las Cruces and Naples CA might change to KEFR. Due to the terrain, I doubt that KEFR or any of its translators could feed them. KEAR has a continuous chain of translators to the area, with each link serving a useful purpose as well as forwarding the signal; KEFR, to reach the same area,

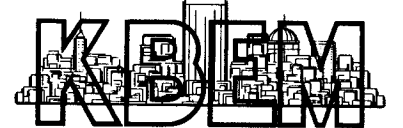
would probably need additional outlets in mountainous areas without significant populations. . . KALF 95.7 Red bluff now on its new frequency, with a site on Round Mountain, just west of Corning, at 6000'. KCTC 96.1 Sacramento made its change to 50000 at 475', with a large loss in strength here. . . KRZQ 96.5 Tahoe City is coated on Slide Mountain in NV with KSRN 104.5 Reno, KHXX 103.7 Carmel Bay and KOLC-TV. So KRZQ and KHXX count as NV loggings for those lucky enough to meet them. KRLL 93.9 is atop a casino in Stateline NV, so they also count as a NV logging. [Not in my way of counting stations, John. I go by city of license, not transmitter location. It's too hard to keep track of transmitter locations and this simplifies things. I just read where WHCK 100.9 Erlanger KY is moving its transmitter to Ohio—Cincinnati or Hamilton; the FCC release did not make it clear which.] John mentions that K257CC Washoe City NV, a K1KT 100.1 Incline Village NV translator, will also be located on Slide Mountain, along with KRZQ and KHXX. . . KCGB 105.5 Hood River OR is on with a soft rock format. "It was the only usable station on the band, so [the lady who visited there] had little trouble finding it for us!" Not known if 5 or not.

Keith Pugh received the April VUD and "saw that your not aware of the Armstrong book being in print. I ordered the book in August after reading an article relating to FM." Copies are \$2 from:

The Armstrong Foundation  
S. W. Mudd Building, Room 1342A  
Columbia University  
New York NY 10027

The Moos e Lake translator of KDNW is a sickie, says John Ebeling. I get them, very weak and full of fades, for about 4 to 5 miles on the freeway outside of Moos Lake MN. "As a matter of fact, I get KDNW from Duluth in the Moose Lake area much better than the translator. And the residents o Shoreview MN, where the tall TV and FM antennae for the Twin Cities' stations are, want to kick the tall towers out. Faced with demands from other area FM stations that want to put up more over 1,000-foot towers, they are urging that the Metropolitan Council study building a tower similar to the CN Tower in Toronto to carry all the signals. John, a longtime listener to Muzak via SCA noted that Muzak carried a vocal April 5 when it carried "We Are the World" at 9:50 a. m. CST. The only other time Muzak had voice was in 1981, when the release of American hostages from Iran was announced. "Muzak reaches about 80 million Americans daily through satellite transmissions to more than 200 ground stations," with the ground stations meaning FM/SCA most likely.

minneapolis public schools



- A 24 Hour Public Radio Service

KBEM's founding manager, William F. Lund, resigned after 15 years, building the station to its present 24-hours status, which is unusual for a school board station.

DXer-turned-broadcaster Al Germond of KARO Columbia MO wrote "Audio," setting them straight on the price of my Atlas, and pointing to them what an FM transmitting antenna looks like: "Why not take a look at the roof of the Chanin Building (it isn't far from your offices) and check out the original antennae for WQXR-FM and WHOM-FM (now WKTU) which were superceded in the mid-60's by their Empire State Building antenna. I recall the old WBAI antenna was still atop the Hotel Pierre the last time I visited New York." He writes us: "There was a time when I really waited for AUDIO to grace the mailbox; now it seems to be a poorly-edited yuppie high-end audio magazine that sneers at FM but we must doff our hats to them for the March articles on FM. . . But the classic goof of all time was the entire page (No. 49) dedicated to two photos or whatever of 'FM antenna'—so I sent along a page from the latest Harris catalog showing a genuine, bona fide FM antenna. As a broadcaster, it's always been a gripe to note how little appreciation/interest there is in how radio works. . . Back to NYC. . . In . . . four years I don't ever recall WPAT-FM off the air; it was then functioning from the Chrysler Building. During the days of weekly Conrad tests where the carrier would be interrupted twice for 10-seconds each, I'd discovered that PAT-FM stopped feeding juice to the PA tube twice each Sunday morning about 9. Armed with this tidbit I would spin the antenna around and in three succeeding weeks, unofficially logged WHYN-FM Springfield MA, WFMM Baltimore and WDD5 Syracuse...I recall WNYC-FM was down only once or twice, the three network O&Os were 24 hours except

for silent periods early Monday, allegedly for maintenance. And there were the stations that held on till 3 am and I'd interrupt slumbers to check things out if tropo looked hot. But I guess those days are gone in NYC. Maintenance is moot these days because virtually all the stations have auxiliary transmitters...WPAT-FM has five transmitters in the NYC area—two atop WTC, two more in the old Chrysler Bldg. plant and a fifth, an aged Westinghouse relic at the studio and AM site on Heppburn Road in Clifton NJ... I couldn't imagine what a new DXer in the NYC area would have to put up with these days. I hardly even bother during the now infrequent trips up there. Present-day DXers are operating in a combat zone with all stations (save a few) operating with maximum facilities and recently granted power boosts. When I first got serious about this 26 years ago, 20 kw was top power and that was at 500'. There was no vertical polarization. If you were WNBC-FM triplexing your FM signal into the WNBC-TV antenna at the top of the ESB, the FCC allowed you to saturate the metropolitan area with 1100 watts; now the Atlas shows WYNY at 7200 watts thought at 1300 feet instead of 1445.

...It is not generally noted in FM histories that certain pre-war stations radiated tremendous powers. The Zenith station WEFM was running 50 kw into a three-bay antenna atop the Field Building in Chicago, probably 125 kw ERP. The Yankee Network, Paxton MA had a REL 50 kw transmitter (I have pictures of it and it was massive) pumping into a 12 bay antenna, probably 400 kw ERP. In the case of Zenith's station, the BBC complained after the war of persistent interference to the London video transmitter thousands of miles away (trans-Atlantic F2 skip?). Anyway, CBS, as a way of FM to begin with, saw the FCC adopt its single market plan which scaled power down so FM could not serve multiple trading areas (Yankee's Paxton transmitter reached Boston, Providence, Hartford, Springfield, all at once)... through by 1963, broadcasters were correctly pointing out that a 20kw signal at 500 feet would not reach the entire trade area, let alone principal city. Imagine how grim things were for the Class A operators with 1 kw at 250 feet!

[With the construction of massive office buildings] only the ESB-five as we called them produced acceptable signals. Recall that FM multiplex stereo became legal June 15, 1961 and with mono multiplex problems, the primitive pre-PLL demodulators for multiplex were a performance joke. There was a little room on the ESB for separate individual FM antennae over the five TV-related installations. So the Alford design came along... One broadband antenna rings the ESB's 102nd floor observation (enclosed) area fed by 12 separate transmitters... What always amuses (and revolts) us is the ad-libbed manner newspapers treat technical matters. In a p. 1 story the NY Times the following day, they were totally unfamiliar with broadcasting trying to explain what happened. Now, no one expects the "Times" to discuss VSWR and overload mechanisms, that clearly is what was tripping the transmitters off. And in a wind after riggers had been working on other antennas, it's not hard to suspect a VSWR overload. A wire, rope, etc. can contact a single bay and trip the VSWR overload—though at the ESB, maybe they'll never know what really happened... WRFM was on the ESB by '65, in time for Bonneville to pay \$800k which was then an FM sales record! And there was an ill-fated couple of years (65-68) when RFM operated at 50 kw from that abysmal site buried in an industrial area of Queens—recall passing it in the train in the early '60s—I think the train was actually above their antenna which was less than 20 feet above average level. And, WLIF-FM (not WBLF) was, I believe, the only ESB station which actually signed on with the master antenna from scratch; its air-date I recall was in '67.

...You need to correct your statement about the master antenna stations running 5400 watts... For years, a whole bunch of Zone 1 class B stations and all the Class A's over 300 feet (now 328) had variously interpreted Fig. 3 of the FCC rules. But things were clarified and of course a whole bunch of increases were filed for.

"NYC was the world's first FM market and fairly well developed by Pearl Harbor Day with something like seven stations on the air... WYNY is apparently the world's oldest continuously operating FM station, having its origins in April 1932 when the RCA started testing FM vs. AM... Another NYC oldie is WQXR, starting in Nov. '39 in Long Island City (as an audio outlet for a TV station between 2.3 MHz, "W2XR", which actually existed in the early '30s—ed)... still another oldie is the present WRKS, starting Feb. 1940 at 43.5 with W2XOR calls, then W2YAT at 47.1 1-1-41 before adopting WBAM calls in '43, later WDR-FM. Station was the first in world to use vertical polarization... Back to the microwatt level, John LaTour recently turned on K292AG, Jefferson City, which relays our own station. Still some antenna work to do, but coverage fairly good though Jeff City is very hilly and there is shadowing that can't be avoided. But have heard up to 45 miles away, in one lobe.

"Back to NYC and WAPP is atop the WTC. But 103.5 has always been a tricky allotment. WPRB Princeton NJ had been operating with something like 120 watts at 103.5, but in 1960 moved to 103.5 with 17 kw. WTFM continued to operate from Babylon NY, out on the island, on 103.5, so something like 85 miles separated them... Then in '73 WTFM got up to 103.5 to Fresh Meadows (L.S. above average for far east side of Queens; height went up and a Da, one of the first for FM was specified... The FCC moved WYZZ Wilkes Barre PA from 103.3 to 92.9. This opened 103.3 at Princeton and in '62 PRP moved from 103.5 to 103.3, a channel away from TFM... Moving from the Chrysler Bldg. (late after Lake Success was abandoned) to WTC of course and decreased spacing with PRB; I assume a directional antenna is required. I understand WKCR was the first NYC station to use WTC; WPAT-FM was first commercial outlet. There hasn't been a run to the WTC; after all, it is two or so miles closer to 1st adjacent stations in Philly (in some cases) or other short-spaced stations grandfathered in."

JUNE, 1985  
Atlanta, watch out—you're getting another rim-shooter! WLET-FM 106.1 Toccoa is planning a new tower at 1,500 feet above average terrain. "We'll be providing city grade coverage over northeast Georgia," said new owner W. Orson Woodall of Valdosta. Range is expected to be from North Atlanta to Greenville SC. No format or operational changes are planned.  
A medical doctor customer of mine in NY state sent me copies of the Vol. 7, No. 7, 1984 Sterophile covering a variety of FM tuners, including the McIntosh MR78 and the Onkyo T-9090. It rated the Scott 599T quite high, and as the result I've become a Scott dealer. I prefer the manual-tuning Scott 539T, as you can fudge on the tuning and perfect the selectivity somewhat. On Dec. 26 the FCC expanded the FM subcarrier baseband to 99 kHz within 300 km of the Mexican and Canadian borders.



**KGTL**  
ALASKA'S MOST POWERFUL RADIO STATION  
P.O. BOX 103 • HOMER, ALASKA 99603

AM 82  
FM 101  
FM 108  
FM 105

David F. Becker, owner/chief engineer, confirms that KGTL-FM is feeding K265BJ Kenai-Soldotna and K272BW Kodiak, via a 10 kHz bandwidth, 85 kHz subcarrier with the programming of KGTL AM at 620 kHz. "To my knowledge, this is the first such usage of an 85 kHz subcarrier, with such a wide bandwidth, as well as the innovative idea of rebroadcasting an AM station on an FM translator. This was made possible by FCC grant of rule waivers, which I doubt would be approved anywhere else but in Alaska. Thank you for your interest in our project, and your information for your FM Atlas appears to be correct as stated on your post cards."  
"I am enclosing a copy of p. 6 of the Feb. 4 'Broadcasting' magazine about a new 1764 foot tower for WFOX-FM in



**WFOX 97FM**  
GEORGIA'S TALLEST RADIO TOWER  
PROVIDING SUPERB SERVICE TO  
2,225,694 LISTENERS.

**KLINE'S 1764 FOOT TOWER  
WAS THE NATURAL CHOICE  
WHEN WFOX DESIGNED AND BUILT  
GEORGIA'S MOST MODERN FM FACILITY  
TO SERVE THE ATLANTA AREA.**



**WFOX 97FM**  
97.3 MHz  
Atlanta, Georgia 30303

Gainesville GA. I find it almost impossible to believe, as the ad implies, that a tower of this height would be built solely for one FM station, writes John Kibler. But it's true; Georgia broadcasters have been among the nation's leaders in embracing tall towers solely for FM usage.  
Here's more on the heating-up race for Toronto's last FM channels. Commercial channel 97.3 is hotly contested, with these applicants:  
Robert Wood, former CHUM general manager, wanting an adult rock format.  
Martin Rosenthal, owner of CFMX Cobourg, seeking a classical FM outlet in Toronto.  
Louis Cooper, owner of several metro-area record stores, seeking a jazz station.  
Telemedia Communications, CJCL AM 1490, easy-listening music.

FCC-FM  
L. Paddy, R. K. Whyta, Leszek Brodowski and D. B. Brough  
Moffatt Communications, Winnipeg, easy-listening.  
Grant Broadcasting, CKQT Oshawa, B, application to move CKQT to the CN Tower. "Toronto Star" article does not state if this could be an application for CKQT to remain on 94.9, or be in contention for 97.3.  
Robert Redmond, Redmond Communications of St. Catharines, and owner of one of the St. Catharines stations, b.  
Dr. Martin G. Ungar, a Toronto surgeon, who says he has an unique proposal for a nonrock, easy-listening sound, with other features he will disclose later.  
Steven Harris, with a pay-TV background, for an urban pop-country mix.  
Middlesex Broadcasters, CJEX 92.7 London ON, for a full-spectrum country sound, soft, with less emphasis on hits.  
Pickett Broadcasting Systems, a local group proposing a soft urban country sound, with special community service programs for North York and S. or borough.  
Other groups which have not disclosed their programs: Key Radio, CKEY AM 590 Toronto; Westcom Rad Group, out of Vancouver and owner of CHML AM Hamilton; MI Radio, a group of private Toronto investors; CJMP 1190 Ltd. of Mississauga.  
An applicant for 89.5 is closed circuit station CJUT at the University of Toronto. They want 20,000 watts. Rival CKLN would not be duplicative, but manager Anton Leo warns CJUT that "they've got an awful lot of work to do. It's not like going to a low power FM. They want to go from nothing to 20,000 watts. It's a mammoth task. I guess they realize that." He says: "The CBC wants a French stereo station on 90.3. WJSL reporter, Stephen Tuzig, says 89.9. Catharines, would have to switch, maybe to 90.3. WJSL says 89.9. They only broadcast limited hours anyway and would agree to switch to make way for a major Toronto station." And he mentions several Toronto AM stations are broadcasting or have permission to broadcast from Grimsby, 40 km across Lake Ontario from Toronto.  
Roger Winger says "WERT" Champaign IL is "anxiously awaiting FCC OK to go to 10 kw and stereo. Should be soon, and on this summer. Their format is very varied, but basically R, a soul show 5 at. p.m., followed by blues. Little scale music is played."

**NON 80-90 FM CHANNELS AVAILABLE  
FOR APPLICATION—List supplied by Larry Fuss**

CITY OF ALLOCATION	ST CHAN	CITY OF ALLOCATION	ST CHAN
CORDBOVA	AK 265A	JAL	NY 294A
AGUINCHE	AK 267A	LDS ALABAMA	NH 294A
TEXAPARAWA	AK 272A	NEWARK	NH 295C
CORCORAN	CA 272A	ROSELVIL LOSA	NH 240A
WILKINSON	CA 272A	THOREAU	NH 240A
FORT BRAGG	CA 274A	BAT SHORE	NY 276A
DUNHAMVILLE	CA 285A	STILL FALLS	NY 261A
SAN CLEMENTE	CA 285A	SALAMANCA	NY 261A
SESEL	CA 285A	BEVILLS LAKE	ND 244A
SILVEMICK	CO 297C	HETTINGER	ND 222A
MARCO	FL 224A	MISEK	ND 222C
PORT SAINT JOE	FL 228A	CALDWELL	OH 285A
WALLACE	FL 228A	EL CERRILLO	OH 285A
KENTLAND	IN 281A	PAHNSKA	OK 285A
BUPEK	IN 281A	WOODWARD	OK 285A
DOUG	KS 228A	BAKER	OR 284C
EUREKA	KS 228A	LACROFT	OR 284C
INGHAM	KS 228A	BRADY	PA 292A
SAPIDZ	KS 228A	SHREYPORT	PA 292A
BARGAS	MI 282C	BIS LAKE	TX 285A
CRYSTAL FALLS	MI 284C	KERRVILLE	TX 285A
GLASTON	MI 284C	SOUTH PADRE ISLAND	TX 224A
GLENN APTS	MI 284C	SOUTH PADRE ISLAND	TX 224A
HOUSTON	MI 284C	WINFIELD	TX 284A
LELAND	MI 284C	BLANCKEN	UT 221A
NEC	MI 284C	BLANCKEN	UT 221A
SEASIDE	MI 284C	BRIGHAM CITY	UT 284C
SERVAZINC	MI 284C	BRIGHAM CITY	UT 284C
DEWITT	MI 284C	BUFFALO GAF	VA 288A
ELY	MI 221A	BOLDENIALE	VA 272A
MORTMINGTON	MI 221A	OTHEL	VA 272A
WILKINSON	MI 221A	OTHEL	VA 272A
CALNEUM CITY	MS 272A	PETERSBURG	VA 269A
CLINTON	MS 272A	BAVENSWOOD	VA 272A
MASCO	MS 272A	VIRGINIA	VA 272A
POTTS	MS 272A	CRANFON	VA 272A
REE LODGE	MS 272A	STANTON POINT	VA 272A
SMELT	MS 272A	STURGEON BAY	VA 272A
CHATEAU	MS 272A	JACKSON	VA 272A
ELDONFIELD	MS 272A	LARSEN	VA 272A
CLIFTON	MS 272A	LOST CAJON	VA 272A
		STURGEON BAY	VA 272A
		STURGEON BAY	VA 272A
		STURGEON BAY	VA 272A

Robert Goodman says that during the 2-9-85 outage of NY city FMs, all he heard out of the ordinary was Spanish station WLVI, 93.7, Hartford CT, normally covered by WNYC-FM '93.9. "Without looking, I'd guess 1950 as the year of publication in the April 'FCC-FM'. My second guess would be 1945."  
I know Robert is interested in property rights in broadcasting, having read some of his comments in another column. A good primer on the subject is 'Telecommunications in Crisis: The First Amendment, Technology and

JUNE, 1985  
Technology and Deregulation, by Edwin Diamond, Norman Sandler, and Milton Mueller. The book is published by the conservative Cato Institute, 224 Second Street, S. E., Washington DC 20003, and costs \$6.00. I have read other Cato writings on the uses of the spectrum, and disagree with them, but they do provide food for thought, now that deregulation and Reaganomics are "in."

Bob Zent, who "always enjoys reading your column in the VUD each month," says that earlier this year WERT-FM 98.9 Van Wert OH completed their long-awaited power increase, and are now at 50,000 watts and in stereo with a beautiful music format (although their audio is somewhat distorted, probably due to outdated equipment). "The signal strength is good here, at 50 miles. WLAB \*88.3 in Port Wayne is still running equipment tests every day. Their signal is rather poor here at 28 miles. They are not in stereo."  
W. R. McIntosh has his Capri CD-01 SCA sluth in operation. "There is a 4-channel output jack on the back of my Pioneer SX 1010. All I had to do was plug the CD-01 into that jack and I was in business. I'll get fancier later. My next step will be to put a switch in the SCA line so that I can switch between the CD-01 and a Yaesu FRG7 with longwave converter which is available... So far I have not found any stations broadcasting SCA on 92 kHz. Lyle Henry did not know of any when I talked to him... Yes, I know—I have a lot to learn. Will keep trying and listening and making new equipment setups. Sooner later I will know what I am doing!"  
An article MC sent lists prices various Los Angeles stations may fetch in the wake of the recently announced merger between ABC and Capital Cities Communications. KABC AM 790: \$71 million KLOS (FM) 95.5 \$40 million... KLAS AM (570) and KZLA (FM), both for \$45 million

**CONTRIBUTORS**

Robert Baker, Humboldt IA; Richard E. Berg-Anderson, Woodside NY (who is renewing his WTFDA membership and "looking forward to another year of your column and a new edition of 'FM Atlas', hope fully soon"); David F. Becker, KGTL Homer AK; John E. Braun, Speech Dept., Gustavus Adolphus College, St. Peter MN; John F. Combs, Jacksonville FL; Ernest R. Cooper, Provincetown MA; Nolan Crabb, Berwyn IL; Mike Dorner, Mandeville LA; John Ebeling, Bloomington MN; Eric Fader, Bayside NY; Ted Fleischaker, Louisville KY; Wendell Ford, Westville IN (who says WAOR 95.3 Niles MI now 24 hours a day); Larry Fuss, Jackson GA; Al Germond, KARO Columbia MO; Robert Goodman, Bronx NY; Robert Grant, Detroit MI; Bob Grove, Grove Enterprises, Brasstown NC; Tom Hackett, Gary IN, sending more FM station logos; Carmine Iannace, WFCN New Britain CT; John M. Jefferson, Pleasanton CA; Don Leag ue, Henderson NC; Nick Lombardi, Atlanta GA, who wonders how a 105.5 translator can exist in Lilburn GA with WCHK only about 28 miles away. It can, if it's willing to live with a certain amount of interference. Also contributing: John S. Kibler, Clovis NM; John Lapp, Lakemont GA; Fred Mc Cormack, Fargo ND; W. R. McIntosh, Granada Hills CA; T. K. Mc Vey, Knoxville TN; Albert Nielsen, station manager, WDNX, Savannah TN; David J. Nieman, Akron NY; Pete Nolan, Houston TX; Keith Pugh, New Hope AL (who thought my AM to FM conversion article might have dated from 1968—"since I am only 23 I took notice of FM in 1974 when I finally had a receiver that performed well on FM"); Kermit Reid, College Park GA; John R. Snee, general manager, KDAL Duluth MN; Stephen Tuura, St. Catharines ON; Marjon van den Bosch, WEVO FM, Concord NH; Ben R. Wilkie, York ME; Roger Winsor, Champaign IL; Robert Zent, Huntington IN.  
As Chaucer would say, now that summer is a-comin' in, "Good DX to you!" b.e.

# TELEVISION NEWS

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## STEREO TELEVISION UPDATE

Now that a technical standard has been adopted by the broadcasting industry, stereo and multichannel sound are gaining rapidly in popularity.

The Broadcast Television Systems Committee (BTSC) of the Electronics Industries Association had adopted the Zenith standard, along with the dbx noise reduction proposal. RCA is selling stereo television sets on the market, and networks and several independent stations are already putting their efforts into stereo television.

The area between New York and Boston seems to be stereo's greatest stronghold. WVJW-TV, channel 66 in Marlborough, MA, is operating 24 hours a day with solid video music in stereo. Three other stations in Connecticut are also equipped for stereo. PBS and NBC are also going heavy into stereo programming.

PBS had a head start. As far back as 1979 it had been transmitting stereo signals of some of its programs so that local stations could arrange for stereo simulcasts on local FM stations. Although stereo TV is now available to the public, PBS doesn't plan to increase the amount of stereo programming distributed over its satellite feed. Its stereo is limited strictly to music, and it has no intentions on increasing its music programming.

NBC, of course, had been recording The Tonight Show and other programs in stereo even though it had been transmitting its signals to affiliates in mono. But once it begins relaying stereo signals this summer, it will be the first to have reruns in stereo.

ABC and CBS? Things are moving slowly among those two networks.

Program availability not only comes from the networks, but also from program syndicators, and, especially, from the current interest in video music, which is available in stereo.

But there's more to BTSC than stereo sound. There's the Separate Audio Program (SAP) channel. WTIC, channel 61 in Hartford, CT, is using it as a program guide. KTLA, ch. 5 in Los Angeles, CA, is using it for bilingual programming. WNJT, ch. 52 in Trenton, which doesn't have facilities for stereo, can still transmit a reading-for-the-blind service over the SAP channel.

The demand for stereo programming has already exceeded the supply for those stations that have stereo facilities. To make up for the lack, most of those stations have resorted to synthesized stereo, which converts a mono sound into something that sounds like stereo.

Those stations which to date have stereo broadcasting equipment are as follows:

WDBB	17	AL	Tuscaloosa
KTLA	5	CA	Los Angeles
KRKB-TV	31	CA	Sacramento
KTZO	20	CA	San Francisco
KOVR	13	CA	Stockton
KCNC-TV	4	CO	Denver
WFBS	3	CT	Hartford
WTIC	61	CT	Hartford
WXXX	20	CT	Waterbury
WDCA-TV	20	DC	Washington
WTLV	12	FL	Jacksonville
WPBT	2	FL	Miami
WTTW	11	IL	Chicago
KDIN-TV	11	IA	Des Moines
WVJW-TV	66	MA	Marlborough
KPLR-TV	11	MO	St. Louis
KTNV-TV	13	NV	Las Vegas
WNBC-TV	4	NY	New York
WPTV	3	NC	Charlotte
WCET	48	OH	Cincinnati
WVIZ-TV	25	OH	Cleveland
KATU	2	OR	Portland
WAXA	40	SC	Anderson
WATE-TV	6	TN	Knoxville
KERA-TV	13	TX	Dallas
KSAT-TV	12	TX	San Antonio
KSL-TV	5	UT	Salt Lake City
KUED	7	UT	Salt Lake City
KOMO-TV	4	WA	Seattle
KIRO-TV	7	WA	Seattle

## HIGH DEFINITION TELEVISION UPDATE

Japan's NHK system proposed to the world a new set of television standards which would mean sharper pictures, better color and sound, and wider screens. This system used 1125 scanning lines, 30 pictures per second, each consisting of two interlaced fields.

In the United States, RCA wasn't satisfied with NHK. The higher resolution had brought with it a noticeable flicker in the picture when objects were in motion. To try to eliminate that, RCA developed another set of HDTV standards. It used 750 lines per second, and 60 pictures per second, which produced better resolution on moving images, but not as good on stationary images.

Both NHK and RCA, or greater yet Japan and the United States, prefer a system which has 60 fields per second, because of their 60 Hz standard for alternating electrical current. Europe, which has not yet made any progress in HDTV, has a 50 Hz standard, so any development there would be toward a 50-field system. But Japan's NHK had demonstrated a downconverter that made its HDTV compatible with a 50 Hz supply.

So the strategy between Japan and the United States is to develop a standard that both nations can agree on, and make it compatible with a 50 Hz power supply before Europe and Great Britain begin seriously developing any HDTV standard, or a direct broadcast satellite system with HDTV capacity. To fail to do this invites a repeat of the present television problem: NTSC vs. SECAM and PAL, 525-line vs. 625 line, 60 Hz vs. 50Hz.

March 19, 1985 saw a step in the right direction. The United States Advanced Television Systems Committee met that day to vote on one of the standards, and decided on the NHK system. The ATSC, which consists of electrical engineers, and equipment manufacturers, will then recommend to the Department of State that NHK's system be supported at a meeting of the International Radio Consultative Committee (CCIR). The CCIR is a United Nations sponsored society whose function is to adopt internationally accepted standards for radio transmissions. The CCIR meets in May, and an international agreement should be out by October.

Meanwhile the European Broadcasting Union's technical committee had planned to meet in April to discuss the quality of the 60 Hz downconverter.

## TELETEXT UPDATE

WHA-TV in Madison, WI, WMVS in Milwaukee, and the five stations of the Wisconsin Educational Television Network began a teletext service using the World System Teletext Standard. The service, called Infotext, will supply commodity and stock market information, weather, and news. This is a six month trial period. If it receives enough interest from farmers, it will be made permanent.

## LOS ANGELES LICENSE RENEWAL UPDATE

The FCC renewed the licenses of all Los Angeles television stations despite objections by several individuals. Sue Gottfried had objected on the grounds that the stations had failed to serve the needs of the hearing impaired (i.e., not enough closed or open captioning). Stanley Fleishman of the California Association of Physically Handicapped, objected that they had not made any efforts to hire the handicapped. Elise Bradberry objected that NBC had denied her the right (?) to serve as a volunteer newscaster on NBC's daily newscasts. Figure that last one out.

## LOS ANGELES SHERIFF UPDATE

The Association of Maximum Service Telecasters wasn't happy with the L.A. Sheriff's plan to allocate the upper portion of UHF channel 19 to his department. As an alternative, the AMST proposed a reallocation of the 216-225 and 900 mhz bands. The Sheriff is accusing his critics of delaying the FCC.

## FAIRNESS (sic) DOCTRINE UPDATE

As you recall, the Syracuse Peace Council had complained to the FCC about WTVH in Syracuse, which had run a series of commercials for the Energy Association of New York. The commercials promoted the construction of the Nine Mile II Nuclear generating station. The FCC in turn ordered WTVH to fulfill its fairness obligations. That is, give free time for the Peace Council to present its side of the controversy. Unlike the Energy Association which paid for its advertising, the Peace Council is supposed to be granted free time to express its own views. That's why it's called the fairness doctrine.

WTVH is presently petitioning the FCC to reconsider, questioning the constitutionality of the fairness doctrine.

## HBO UPDATE

Home Box Office has already begun testing its scrambled signals along the east coast and west coast. The purpose of the test is to insure that affiliates have properly installed their decoders in preparation for the day when HBO goes 100% scrambled.

## CHANNEL-SWAP UPDATE

The FCC adopted a proposal that would allow educational UHF stations to swap channels with commercial UHF stations without fear of other parties attempting to grab the channel. But the question still remains in the FCC's mind: does it have the legal right to prevent third parties from interfering with the swap.

Presently there are two obstacles: FCC policy, which had always been to allow third parties to apply for any new channel that has recently been applied for, and case laws which have resulted in court decisions.

In the FCC's proposal, any swap would be subject to the FCC's approval before rulemaking is established to modify the table of assignments. Before the FCC makes any decisions on a particular swap, it would weigh the advantages and disadvantages to the public interest.

## FORUM

This month's Forum consists of two months worth of letters, and they're not really in any particular order.

Larry Fuss corrects one report in the 4/85 column. KTRV in Nampa, ID (ch. 12), is being BOUGHT by the Toledo Blade Company, not sold by it. For New Stations On The Air, the new channel 44 in Pensacola should be WJTC, not WJTV. On my comments on page 12, that should have read, "The FCC allows... but not a radio station and a full service broadcast station." But Larry comments further on that anyway: "...you CAN own a radio station and a full-service TV in the same market, providing the TV is a UHF. The FCC considers waivers on a case-by-case basis."

A few scribbles from John Clemmer: "WRAU-TV 19 Peoria finally changed to WHOI for 'Heart of Illinois' in mid-March. ERP is now 5 million watts per sign-on announcement. No sign still of channels 18 (Davenport, IA, KLJB) or 30 (KDAV, Davenport) here in the Quad Cities. WQAD TV 8 recently bought by the New York Times may try to get CBS affiliation away from WHBT-TV 4."

Bill Townsend reported that WGGT, ch. 48 in Greensboro, N.C., was a CBS outlet. I had them as independent; supposedly WFMY-TV, ch. 2 is the local CBS outlet. Was there some kind of change, or was WGGT picking up some CBS feed that was rejected by WFMY?

Randy Miltier says that KTEH-54 in San Jose seems to be getting the money it needed in donations (cf. VUD 4/85, p. 12-13). Also, an article from the 4/18/85 San Francisco Chronicle: "Channel 44's offer to give KQED (Channel 9) \$50 million to trade spots on the dial sounds big, but it is small potatoes. Another local station has offered twice that for a trade - and a Washington-based group is willing to go as high as \$150 million to get the nine slot." Channel 44 is KBHK-TV. Randy sus-

pects that the other local station might be KTZO-20. No idea on who the Washington firm could be.

**Christopher Hanley** reports that WEJC, ch. 20 in Lexington, NC, should be on the air fairly soon. Summit Cable in Winston-Salem asked the FCC for a waiver of the must-carry rule, claiming that it doesn't have room on its dial (ch. 2-13) for WEJC without eliminating HBO or ESPN, or the like. That's not to mention that channel 2 carries school programs and PTA announcements. Nor to mention that when WEJC goes on the air, it will provide subscribers with free CBN and PTL programming, making it no longer necessary to pay Summit extra for the CBN/PTL channel. No, we won't mention that. (Chris, can you answer my question about WGGT and WPMF?)

**Steven Sprachman**, now living in Hicksville, NY, wrote back in March. WHT (that's WWHT, ch. 68 in New York and WSNL, ch. 67 in Smithtown) is now Seleco-TV, but still advertises itself as WHT. WWHT is not yet broadcasting from the Empire State Building. Something about a giant gorilla damaging their transmitter tower. The New York TV Guide no longer lists the UHF translators in the city. W53AA (WCBS), W60AI (WWHT) and W64AD (WNET) are still on regularly. W62AA (WNJU) is on occasionally. (They have been having troubles with that translator. Even when it's translating, the programming still comes out in Spanish.) W57AB (WNBC), W66AA (WABC), W71?? (WOR-TV); I don't even have this one listed in the LPTV-XLTR list), W73AP (WPIX) and W75AM (WNET) are no longer on.

Steve reports that W59AT and W63AS, the two music channels on Long Island, are on the air with music videos from 8 a.m. to midnight and run an ID slide from midnight to 8 a.m. A good late-night DX catch.

WNYC-TV, ch. 31, is now leasing out time to Japanese programmers, and has commercial advertisements. (I wonder about WNYC, the station is on a channel not reserved for educational programming, and it is owned by the City of New York, I believe, which is not a noncommercial educational institution. Is it really considered an educational station by the FCC?)

Steve sent an article from the 3/17/84 New York Times about the television situation in Long Island, New York. WLIW, ch. 21 in Garden City is the local PBS outlet. But most of the residents seem to prefer WNET, the "glamour channel" on VHF channel 13. WLIW has done very little to compete with its big VHF neighbor, other than schedule its PBS programs at different times and add a small percentage of local programming. Its other problem is its lack of identity. It doesn't represent itself as a station serving Long Island. At least according to Suffolk County, which completely stopped all funding of the station because it didn't do enough for them. WNET has 27,000 supporters on Long Island (paying members), compared to 3000 for WLIW. Then comes WLIG, channel 55, not on the air at the time of the article. WLIG devotes itself to family programming, older television series, movies and cartoons. Its nightly 10 p.m. news uses its

own team of Long Island reporters.

**Dave Nieman** took a trip to Ohio to confirm last April's report that WOIO, ch. 19 in Shaker Heights is on the air. He could see no sign of the station at 60 miles away despite troops as far as 175 miles away. He also reports seeing WSMH, ch. 66 in Flint, MI on 4/30/85 with cartoons, reruns, movies, and some religious programs. Already? I don't think they even had a construction permit for a whole year yet. I didn't even have any call letters yet for that station, so everybody take note of them now.

Another from **Larry Fuss**. (As I said, these aren't necessarily in order.) This is from the 3/11/85 Atlanta Constitution. WATL, ch. 36 in Atlanta, hired John Serrao as its new general manager to improve its faltering ratings. WATL had been doing poorly because of its heavy dependence on kung fu and monster movies and paid religious programming. Unfortunately, Serrao is stuck with previously made commitments for syndicated programming for the next year or two, but he is already making some changes. For example, weekend afternoons will feature movies that will appeal to women, since the men will be tuned to the usual sports programs.

Several letters from **Randy Miltier** again. One is about the Capital Cities takeover of ABC, from the 3/21/85 San Jose Mercury News. The takeover resulted in four basic rules of the FCC concerning ownership being violated. (1) Two stations within 125 miles of each other cannot be owned by the same person or company. WPVI, ch. 6 in Philadelphia (owned by Capital Cities) and WABC (ch. 7 in New York, owned by ABC) are in violation of that. (2) No network is allowed to own a cable system. Capital Cities owns some cable companies. (3) Nobody can own radio and television stations in the same market (but see Larry Fuss' comments on the previous page). The only exception is in cases where both were owned by one party before the rule was made. But with ABC selling everything to Capital Cities, it then becomes a new owner, no longer "grandfathered." (4) No one may own stations that cover more than 25% of the nation's population. The combined stations of ABC and Capital Cities cover 28.5% of the population. Another strange situation: Capital Cities now owns CBS affiliates in Fresno, CA and Raleigh-Durham, NC, which are in competition with ABC affiliates. (KFSN, ch. 30 in Fresno and WTVU, ch. 11 in Durham) They may switch to ABC after their present network contracts expire. The 3/28 Mercury News mentions another touchy situation. It seems that CIA director William J. Casey owns stock in Capital Cities, which now gives him a large stake in a major television network. Casey was one of the founders of Capital Cities. (Not to mention his organization's interest in many noncommercial educational stations!)

Now for the TV/Radio section of the 3/28 News. Columnist David Rosenthal is complaining about pledge drives on KTEH-54 and KQED-9. "Both KTEH and KQED were more obnoxious than ever in the way they wheedled that money out of us. They interrupted programs we didn't want interrupted. They droned on longer than 'Mas-

terpiece Theatre' on some of their breaks, making scrambled eggs out of their printed schedules. They even followed 'Sesame Street' with pitchmen telling kids to get Mommy or Daddy for 'this important announcement.' Thinking it was probably something about how to meet Bert or Ernie or buy a Cabbage Patch Doll - those are important announcements to a 5-year-old, not how to keep public TV alive - a lot of little tykes probably did drag Mom or Dad in front of the tube for a little daytime pledging." Actually I like the way New Jersey Network does their fund pitches. Every so often, when they begin to get monotonous, they take a break for a few minutes of regular programming.

"As for KQED, which long ago elevated guilt-tripping into an art form, the San Francisco station raised a record \$1.56 million, an increase of 22 percent from the same period last year." KBHK, ch. 44, is still trying to get KQED to switch channels for \$50 million. I can see KQED's next pledge drive now: "And for a pledge of fifty million dollars, we will send you..."

Next up is **John Combs**. (John, it's a wonder the post office hasn't sent some of those envelopes back to you. Or did they?) On the XLTR-LPTV List: "It seems like you list any LPTV/Xltr that is licensed or a CP, whether or not it ever went on the air." He's right. I have no way of knowing what their status is, unless members write in. Those microfiche lists give no indication. "For instance, the Imnokalee and Ft. Myers xlters (FL - wbf) have been off-air for at least 10-15 years. The TV shop that had the license to operate them is long since out of business. They were used when WINK-11 was the only receivable signal in the area. I also contend that W29AB is much more powerful than the .015 kw shown. I have literature from WTOG-44 somewhere around here (probably got misplaced in the move) showing them as 1-kw input and a much higher ERP." (Stop looking, John. You sent it to me three months ago. See the 3/85 VUD.)

John sent a clipping from the TV section of the 4/21 State/Columbia (SC) Record. Columbia affiliates are going to Ku-band satellites for their network feed and dropping AT&T cable. WIS-TV, ch. 10, an NBC affiliate, noticed a sharper picture as a result. And better color. WLTX, ch. 19 (CBS) will also go to satellite feed at the same time they go to their new transmitter tower, 2049' ASL; their signal will increase from 1250 kw ERP to 5000 kw.

Another article mentions that there are 8 applicants for ch. 68 in Clermont, FL. The FCC should have a choice from among them in a few months, "but the decision is subject to appeals that can take years."

John is quick to state that he doesn't read those scandal sheets, but he couldn't resist this one. According to a "Bermudan police official, who spoke on the condition that his identity not be revealed..." (Naturally, who in his right mind would want to be sent to the funny farm.) A group of vacationers set sail from the Bahamas to Bermuda, in that wonderful area known to crackpots as the Bermuda Trian-

gle. They were watching soap operas on a portable television. (John adds, "and how or why were these people watching TV to begin with, when a course from Caicos to Bermuda would take them far from land and TV signals?") Anyway they wound up watching programming and commercials that were more than twenty years old. Either they had replaced the antenna with one of those light cells that get in KLEE in Houston, or there was a tropospheric duct to St. Cloud, Minnesota.

Enough of that. Let's go on to **Richard Wertman**. After sending a reception report to WPCB-TV, ch. 40 in Wall, PA, he has received several pleas for money to help build WKBS-TV, ch. 47 in Altoona. Both are owned by Western Pennsylvania Christian Broadcasting Company. In a newspaper clipping, when WNYB-TV, ch. 49 in Buffalo, NY, goes on the air, Lockport Cable (Richard's hometown) will have to put on the VHF dial, and move HBO over to one of the channels requiring a channel selector, an additional \$4.00 a month for those who don't have one yet. In another article, Warren Buffett, chairman of the Buffalo News became a board member of Capital Cities as a result of his part in the ABC-Capital Cities merger. But since that gives him interest in both the newspaper and WKWB-TV in Buffalo (a Capital Cities station), the station had to be put up for sale. Price: \$60-70 million. A last note from Rich: WNET-TV, ch. 17 is still having hearings with the town of Grand Island to build a new tower near WTVU-29.

**Roy Barstow** asks how WCVX and W58A0 will both be able to operate on the same channel 58. (Both are Vineyard Haven, MA.) They can't. Legally, translators and LPTVs must go off to protect full service television stations. When somebody applied for a full service station on channel 58, the owner of W58A0 had no choice but to compete with that application or be forced off the air. He won out, and received a construction permit. So when it is completed, W58A0 will become WCVX. Roy saw WLIG-55 in Riverhead NY testing as far back as 3/27/85 with 3/4 CBTP. He later sent more information on the station when it went on the air. That will appear later.

Fred McCormack sent some more translator corrections from that area. He corrects himself, stating that K67BZ in Walker, MN, picks up KBJR-6 via K61BH in Deer River, not K59BQ. In Fargo, ND, K66LD is now K02LD. It is a translator for WDAY-6. K68BT (Starbuck, MN) has WDAY for primary also. K42AN (Willmar, MN) picks up KITT-29 directly. K42?? in St. James, MN, also picks up KITT-29 directly. According to a copy of a letter sent in by Fred, Prairie Public Television is crying the blues now that cable TV in Saskatchewan had dropped PPT in favor of WTUS in Detroit via satellite. PPT is asking for more donations to make up for the loss. The upper portion of the letter reads, "Saskatchewan is lost!" I just looked it up in my atlas. Don't believe them. It's still there.

**W.R. McIntosh** sent several articles during the past two months. Two deal with Rupert Murdoch, an Australian publisher who owns

the London Times, New York magazine, part of 20th Century Fox, the New York Post, and the Chicago Sun-Times, and other interests, is now seeking United States citizenship to clear the way for him to purchase seven television stations from Metromedia Inc. There are FCC rules against non-citizens having an interest in United States television stations. (remember the case with SIN, where other Spanish broadcasters were claiming a Mexican company with having control over the programming of SIN affiliates.) Among the Metromedia stations being sold are the New York and Chicago stations, making it necessary for Murdoch to sell his New York Post, Chicago Sun-Times, and possibly the Village Voice. He and Marvin Davis, both half-owners of 20th Century Fox, are planning in being together in the purchase of the Metromedia stations.

Speaking of down under, Oak Industries is \$230 million in debt, but has obtained \$15 million credit from Foothill Capital Corp. With that and having 73% of its debentures tendered, it will at least be able to pay interest on common stock rather than cash. This will help it avoid bankruptcy. Otherwise ON-TV would become OFF-TV (Ooh! That was bad! NEXT MONTH: Part Two of "How to Get Kicked Out of a DX Club.") Meanwhile to add to Oak's troubles, former shareholders of Oak are suing it for \$13.25 million, which will eat up most of that \$15 million credit. The shareholders allege fraud, deceit and negligence when Oak neglected to inform them of defects in the manufacture of TC-56 Television cable converters when they invested in them.

Golden West Television Inc. is selling KTLA, channel 5 in Los Angeles. They estimate its value at about \$500 million. The highest ever paid for a television station was \$350 million in 1983 for a Houston station. The reason given for the sale is that it is becoming more difficult for independent stations, even in a major market like Los Angeles, to compete with the network affiliates and Metromedia for decent syndicated programs.

Storer Communications Corporation, owner of the fifth largest cable television operation and owner of five television stations, is also having problems with investors. A group of them created the Committee for Full Value of Storer Communications Inc. They are complaining that their stocks are undervalued in the stock market, and that they could receive more if Storer's assets were sold and the proceeds distributed among the stockholders. Their plan is to elect a slate of ten directors that would liquidate the company. Those proposed directors are from Conniston Partners, an investment company. The FCC defines this planned transfer of control as a minor concern, thus exempting it from a 30-day notification of a public hearing in which special interest groups and anybody else can raise public interest issues and stall the transfer of control for as much as a year or more. Special interest groups are now objecting to the FCC's decision, and went to the U.S. Court of Appeals in Washington, but the court sided with the FCC.

KCET, ch. 28, raised \$1.1 million in pledges in its March, 1985 fund drive.

Dick Clark reports from the Dominican Republic that WNTJ-TV, ch. 40 in Fajardo, Puerto Rico, went on the air in February, 1985. It's an educational station, with apparently all or nearly all Spanish programming. A program schedule shows what appears to be classroom programming from 3:00 p.m. to 11:00 p.m. He also says that the APRTS station on channel 40 in Roosevelt Roads is now on channel 38. Also WRWR, channel 30 in San Juan has been off the air for a few weeks, as reported in mid-April.

A postcard from George Mileon reports that WVJV in Marlborough, MA, is on only 20 hours a week, not 24. WSMW-TV, ch. 27 in Worcester MA cut back considerably on its scrambled broadcasting. It is now STV only 7 p.m. to 5 a.m. weeknights and 5 p.m. to 5 a.m. weekends. They reduced their fee to \$4,000 monthly.

Just in from John Combs: a friend reported to him that W69AY in Alachua, FL is on the air with video music. It identifies as TV-69. It can't be seen from Gainesville, only about 30 miles away.

RIVERHEAD, NEW YORK: CHANNEL 55 IS ON THE AIR

Richard E. Berg-Anderson was the first to send me information on channel 55, WLIG in Riverhead, New York. Enclosed was a schedule for the station. And let me tell you, it is chock full of old syndicated programs. And I mean old. How old? Any of you old timers remember Annie Oakley or the Cisco Kid? No? Well how about The Doris Day Show, Peter Gunn, Ben Casey or The Rebel. I mean, you thought KXLI in St. Cloud was bad! Maybe those people in the Bermuda Triangle were really getting in WLIG. Well, at least its movies were a little more current. This schedule includes The Fly (on Screen Museum, its Saturday night horror spot.), Mark of Zorro, My Friend Flicka, Charlie Chan at the Opera, Jane Eyre and Call of the Wild.

Eric Fader sent an article from the 4/28 New York Times, the day WLIG-TV went on the air. "The station will broadcast at 5 million watts, and the signal is expected to reach from Amagansett to Hicksville. It will offer a mix of news, movies, and reruns of television series.... The debut of Channel 55 is not without problems.... Cablevision of Long Island, the Island's largest cable system, and the largest in the nation, has not decided whether it will carry Channel 55." "While Channel 55 will be carried by four Suffolk cable companies, Cablevision covers most of Nassau as well as portions of Suffolk." The dispute... revolves around what is commonly called the (FCC's) must-carry rule... requires cable companies to carry a station whose city of license is within 35 miles of any of the cable company's subscriber communities." "The station only hits 4,000 of our 240,000 subscribers; does that mean we have to carry it?" "Why doesn't Cablevision want to carry this station?" "Where do we put it? We've got capacity constrictions; out 36 channels are full at night." (Yeah, most likely with those junk services, local school channel, and more movie channels than anybody knows what to do with, probably.) "Cablevision's decision on whether to carry Channel 55 is vitally important... because it offers a potential audience

of 240,000 homes." It was 12 years ago that WSNL, channel 67 went on the air as the island's first commercial television station, but the station filed for bankruptcy two years later. The station went off the air, and came back on several years later as a STV station. UHF stations on Long Island have a long way to go, as was mentioned a few pages back with WLII, channel 21. WLII has WNET, channel 13 to compete with. WLIG has all those other commercial VHF stations to compete with. Three network affiliates, two superstations, and a Metromedia station, all on VHF. To create appeal for the station, it seems to be trying to create for itself a "Long Island Only" image, something WLII has failed to do, and something you don't get out of a station that is almost entirely STV. The station plans a nightly half hour news program, with three news gathering teams covering the island every day.

APPLICATIONS FOR NEW TELEVISION STATIONS

- | CH | ERP  | HAAT | STATE/CITY/APPLICANT  |
|----|------|------|---|
| 36 | 5000 | 951  | SC Charleston; R.G. Brown Communications Inc.               |
| 36 | 5000 | 985  | SC Charleston; Evelyn Broadcast'g                           |
| 46 | 5000 | 971  | FL Naples; Meycon, Inc.                                     |
| 55 | 5000 | 1556 | SC Rock Hill; Neisler, Ltd.                                 |
| 52 | 3350 | 883  | TX Blanco; Blanco Communications                            |
| 52 | 5000 | 799  | TX Blanco; Marie Luckow                                     |
| 52 | 5000 | 1635 | TX Blanco; Dorothy O Schulze & Deborah Brigham, partnership |
| 10 | 8.5  | 1590 | NM Silver City; KOB-TV                                      |
| 68 | 5000 | 1436 | TX Arlington; Arlington TV 68 Inc. (located in Fort Worth)  |
| 40 | 5000 | 712  | TX Hendersonville; Burwood Bc'g                             |
| 43 | 2870 | 1060 | MI Battle Creek; Thompson Bc'g                              |
| 68 | 5000 | 1116 | TX Arlington; United Broadcast Group, Inc.                  |
| 68 | 5000 | 1039 | TX Arlington; Magdalena P. Cosby                            |
| 68 | 5000 | 1438 | TX Arlington; Arlington 68 TV Inc. (Located in Dallas)      |

APPLICATIONS DISMISSED

- |    |   |
|----|---|
| AZ | Green Valley; ch. 46; Alden Communications (Sungilt was granted preference on integration and diversification proposals.)                 |
| CA | San Luis Obispo; ch. 33; Sainte Broadcasting Corporation; San Luis Obispo Telecasters; Second Local Power Television Inc. (joint request) |
| FL | Miami; ch. 35; A&I Television Ltd. (at its request)   |
| GA | Albany; ch. 19; Contemporary Communications of Georgia Inc.   |
| NJ | Vineland; ch. 59; Petrum Broadcasting (21.31 miles short-spaced to WNJT, Trenton)   |
| RI | Block Island; ch. 69; T.N. Robinson (joint request).  |
| TX | Lubbock; ch. 16; Robert Quentin Martin & Cesar Amador, a partnership  |
| ID | Caldwell; ch. 9; Cascade Broadcasting Group, Ltd. (initial decision)  |
| VI | Christiansted; ch. 27; Joseph Bahr (initial decision).  |

IN Bloomington; ch. 63; Bloomington 63 Ltd. (Joint request, leaving Channel 63 Inc as the sole remaining applicant. Bloomington 63 withdrew its application in return for \$150,000 from Channel 63 Inc. Although the FCC Review Board approved the deal this time, it did take note that other parties connected with Bloomington 63 had done the same thing before, and the Review Board may question their motives if the same thing happens in future consolidated hearings.)

CONSTRUCTION PERMITS GRANTED BY THE FCC

- |    |      |      |   |
|----|------|------|---|
| 19 | 2816 | 1014 | GA Albany; Albany Telev. Co. Ltd  |
| 27 | 2188 | 854  | IL Urbana; Metro Program Network  |
| 51 | 1341 | 1028 | KY Pikeville; Hobart C. Johnson   |
| 46 | 100  | 2300 | AZ Green Valley; Sungilt Corp.  |
| 23 | 1312 | 1371 | TX San Antonio; Hispanic Community ETV Inc. (Initial decision; sharetime)             |
| 23 | 2037 | 1373 | TX San Antonio; San Antonio ETV Inc. (Initial decision; sharetime with Hispanic ETV.) |
| 9  | 115  | 2737 | ID Caldwell; Canyon Communica'ns  |
| 27 | 8.13 | 1037 | VI Christiansted; Samuel D. Elder   |

CONSTRUCTION PERMIT CANCELLED

NE Lincoln; KGNQ, ch. 51

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

- |    |      |      |                                |
|----|------|------|--------------------------------|
| 10 | 240  | 600  | MN Thief River Falls; KFOM-TV  |
| 64 | 3228 | 1572 | CA Barstow; Sunbelt Television |
| 59 | 1350 | 1940 | CA Sanger; KMSG-TV             |
| 16 | n.c. | 572  | TN Jackson; WJMT               |
| 32 | 5000 | 842  | OR Salem; KUTV                 |
| 34 | 1175 | 1025 | TX Beaumont; KITU              |

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

- |    |      |      |  |
|----|------|------|--|
| 48 | 1079 | 818  | MS Natchez; WNTZ   |
| 66 | 3076 | 1967 | NC Forest City; WSQY-TV (not 1919 kw as per 4/85 column) |
| 27 | 1840 | 2925 | NV Reno; KREN-TV   |
| 32 | 5000 | 890  | FL Lakeland; WTVW  |
| 18 | 2880 | 1080 | IA Davenport; KLJB                                       |
| 52 | 1558 | 595  | OK Oklahoma City; KSBI                                   |
| 39 | 3000 | 2628 | TN Greenville; WETO                                      |

APPLICATIONS TO CHANGE EXISTING FACILITIES

- |    |      |      |                        |
|----|------|------|------------------------|
| 6  | 100  | 1888 | CA Sacramento; KVIE    |
| 24 | 3126 | 1002 | MO St. Louis; KNLC     |
| 12 | 316  | 970  | FL Jacksonville; WFLV  |
| 15 | 8    | 197  | ND Fargo; KVNJ-TV      |
| 51 | 1326 | 1050 | PA Reading; WTVF       |
| 36 | 1222 | 598  | RI Providence; WSBE-TV |
| 40 | 5000 | 1842 | NC Fayetteville; WKPT  |

FACILITIES CHANGES GRANTED: CHANGE EXISTING

- |    |   |
|----|---|
| MO | Springfield; KMTC, ch. 27; granted CP to increase ERP from 1580 max/646 hr (?) to 5000 max; 1690 (?) AAT/1590' AG/3145' ASL (26' lower than present; same TL)   |
| NC | Charlotte; WTVI, ch. 42; granted MP to increase ERP from 214 kw to 1393 kw max; 460' AAT/496' AG/1154' ASL (about the same as present height).  |
| NC | Concord; WUNC-TV, ch. 58; granted MP to increase ERP from 550 kw max/191 kw hor to 1240 kw max; 1290' AAT/1400' AG/1951' ASL (Same AAT, but 95' higher AG, 98' lower ASL, but same TL! Somebody's figures are messed up.) |
| NC | Burlington; WRDG, ch. 16; granted MP to reduce ERP from 2525 max to 1918.8 kw.  |



Same TL and antenna height.  
 WI Madison; WHA-TV, ch. 21; granted application to raise ERP from 759 kw to 1025.87 kw; 1529' AAT; change TL.  
 KY Louisville; WAVE-TV, ch. 3; granted application to raise ERP from 914 kw to 1820.  
 OH Dayton; WKEF, ch. 22; granted CP to reduce ERP from 2340 kw max to 1858 kw max; 1152' AAT/1055' AG/2010' ASL (same tower, but 39 feet lower).  
 PA York; WPMT, ch. 43; granted license to cover changes in ERP from 2698 kw max/2244 kw hor to 2159 kw max.  
 RI Providence; WSBF-TV, ch. 38; granted CP to raise ERP from 479 kw to 550 kw; 625' AAT/553' AG/827' ASL (same TL, slightly higher). This was granted before the application to modify construction permit listed on the previous page.  
 MN St. Paul; KTCI-TV, ch. 17; granted MP to raise ERP from 39.7 kw max/28.8 kw hor to 1000 kw max (previously had CP grant for 1000 kw); 1298' AAT/1471' AG/2210' ASL (2' lower AAT, 165' lower ASL, same TL; another case of bad figures somewhere.)  
 PA Scranton; WDAU-TV, ch. 22; granted MP to reduce ERP from 3006 kw max/750 kw hor to 1381 kw max; 1560' AAT/572' AG/2698' ASL (same TL; same AAT, 46' lower AG and ASL. What's with these figures lately?)  
 PA Pittsburgh; WQEX, ch. 16; granted MP to raise ERP from 264 kw max/164 kw hor to 600 kw max; 700' AAT/596' AG/1734' ASL (about the same as before it went off the air a few months ago.)

CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS  
 MS Holly Springs; add 40z  
 SC Myrtle Beach; add 32z (site restriction 14.8 miles southwest to avoid short-spacing to WUNJ-TV, Wilmington, NC and vacant channel \*32 at High Point, North Carolina)

CONSOLIDATED HEARINGS  
 NV Reno; ch. 4; KCRL-TV (for license renewal) Washoe Broadcasting Company.  
 FL Tice; ch. 49; Florida Coast Communications Company; Ralph W. Gabbard; Qualivision of Lee County, Inc.; Tice Television Company; Florida Telecasting Inc.; Reginald L. Duff  
 WA Seattle; ch. 45; Puget Television; Duane Tomko, a partnership; Seattle Channel 45 Broadcasting, Inc.; Allen E. Hom.  
 FL Tequesta; ch. 25; Tequesta Broadcasting Corporation; Southern Florida Broadcasting Company; Tequesta Television Inc.; Tequesta Television Partners Limited Partnership; Triple J Properties Inc.; Tequesta Coastal Broadcasting Ltd.; Zephyr Broadcasting Corporation; Old Salt Broadcasting Company Inc.; G and I Ltd.; Martin Telecommunications Inc.; Spirit Broadcasting Corporation; Rodriguez-Barnett and Associates Ltd.

KY Morehead; ch. 67; John H. Leland; Garcia Communications.  
 KY Owensboro; ch. 61; Owensboro Television; Johnnie B. Woodberry (whose proposed TL is 1 1/2 miles west of Owensboro, but whose predicted contours center on the city and are notably out of scale); Powers Communications.

NC Raleigh; ch. 50; Cotton Broadcasting Company; The L Broadcasting Co.; Raleigh Community Broadcasting Company; Brahmans Communications.  
 CA Big Bear Lake; ch. 59; Josie Moore; Felice-Tec.  
 KY Hopkinsville; ch. 51; Christian County Television Ltd.; Green River Group Ltd.  
 FL Palatka; ch. 63; Pentecostal Revival Association Inc.; Palatka Television Inc. (Pentecostal is 4 miles short-spaced to proposed channel 64 allocation in Williston FL.)  
 SD Huron; ch. 12; John R. Powley; Greater Huron Broadcasting Corporation.  
 FL Venice; ch. 62; Holiday Group Ltd.; Venice Broadcasting Corporation; Santa Rosa Broadcasting Inc.; Venice Communications Limited Partnership; Channel 62 of Venice Limited Partnership; Todd Broadcasting Corporation; Pauline Zlotolow and Associates Ltd. (The Zlotolow application was subsequently dismissed due to too many errors and omissions in its application).  
 TX Decatur; ch. 29; Wise County Messenger Inc.; Karen L. Hicks; Chavela Broadcasting Inc.  
 VA Roanoke; ch. 60; Wilbur O. Colom; Congress Street Properties Inc.; Roanoke TV 60 Broadcasting; Southwest Virginia Broadcasting.

NEW STATIONS ON THE AIR  
 MI Saginaw; WAQP, ch. 49, went on 3/26/85  
 NC Fayetteville; WFCT, ch. 62, went on 3/4/85  
 NY Riverhead; WLIQ, ch. 55, went on 4/28/85  
 MI Flint; WSMH, ch. 66, seen by Dave Nieman on 4/30/85.  
 PR Fajardo; WMTJ, ch. 40, reported on by Dick Clark; spanish educational station.  
 I know I promised technical information this month for last month's new stations, but time forces me to hold off once again. I'll try to put this first on next month's column.

NETWORK CHANGES  
 GA Savannah; WSAV-TV is back to NBC. It was ABC from 1982 to 1985, back when ABC was in first place in the ratings.  
 IL Chicago; WSNS, ch. 44, will be SIN as of July 1, 1985.

CANADIAN NEWS FROM WALTER PATTON  
 NEW STATIONS AUTHORIZED  
 Ont. Belleville; ch. 53; 61.3 kw; to repeat CICA-TV, ch. 19 in Toronto (TVO)  
 Ont. Kingston; ch. 38; 62.78 kw; repeat CICA-TV  
 Que. Rouyn-Noranda; ch. 38; 1.1 kw; to repeat CBMT, ch. 6 in Montreal (CBC).

CHANGES  
 Ont. Elliot Lake; CKNC-TV-1, ch. 7, to raise ERP from 12.5 kw to 34 kw.  
 Ont. Kearns; CFCL-TV-2, ch. 2, to repeat CFCL-TV (ch.6) instead of CKNC, ch. 9 (Timmins instead of Sudbury)  
 Ont. Little Current; CBCE-TV (ch.16) reduce ERP from 59 kw to 23.7 kw.  
 Sask Moose Jaw; not deleting CBKT-1 (ch. 4) and CBKFT-10 (ch. 16) as earlier reported.  
 Sask Regina; CBKT and CBKFT to remain on their present channels. Funds are presently not available to consolidate these two cities.

# QSL CORNER

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

FM's QSLs

- CT WYBC 94.3 New Haven, Yale Broadcasting Company, 165 Elm Street or Box WYBC Yale Station, zip 06520. 2 separate letters came. One from Gerald D. Etkind, P.D. & the other from David H. Baron, G.M. Cooper
- WJUH 91.3 West Hartford, University of Hartford, zip-06117-0395. Letter from John Ramsey, CE Cooper
- WNOL 98.3 Willamatic, Box 9, zip-06226. Letter, station data sheet, photos of dj's & a free T-Shirt from John Dixon, Operations Manager & DJ. Cooper
- WLYQ 95.9 Norwalk, Box 1350, no zip. Letter from Cliff Mills, Chief Engineer. Cooper
- WIHS 104.9 Middletown, Box 117, zip-06457. Letter from Alfred & Elaine thyberg. Cooper
- WEBE 107.7 Westport. 50 Washington Street, zip-06854. Letter from Conrad Trautmann, CE He says they are directional & have a null towards Long Island, "protecting" WBAB-102.3 & WGBB-AM 1240khz. (Multiple ownership in the same service make the directional here a must) Cooper
- FL WJYO 107.7 Orlando, 2001 North Mercy Drive, zip-32808. Letter & biz card from Dennis Lee Sloatman, CE. This verie took seven months! (no f/up send) Cooper
- WELE 105.9 South Dayton, 687 Beville Rd., Suite B, Box 4789, zip-32021. Letter from Dave Nelson, Music Director. Cooper
- WPID 89.3 Titusville % Florida Public Radio, no zip. Form lette from Randy Henry, President & Dan Verdino, a WPID fan, plus a hand-written slip of paper verifying my reception by Randy Henry. Cooper
- MA WSNE 93.3 Taunton, % 100 Boyd Ave, East Providence, RI zip-0291. No mention of Taunton on letterhead. Do I count this as MA or RI? Letter from William Parks. Cooper
- WSSH 99.5 Lowell, 4 Broadway, Lowell MA zip-01853 or 46 Amesbury Street, Lawrence, MA zip-01840. Letter from Chip Behal, CE. Also send bumper-sticker. Cooper
- ME WHYR 95.9 Saco, Box 567, zip-04072. Handwritten letter from Bart Gail, GM. Also send bumper-stickers. Cooper
- MI WLLZ 98.7 Detroit, % 31555 14-Mile Rd, Farmington Hills, MI zip-48018. A handwritten letter from Mark Lantz, Dir. of Eng. Cooper
- WUGN 99.7 Midland, Box 366, no zip. Letter from Jerry Frost, Corp. Eng. & an accompanying letter from Rev. Larry B. Kirkpatric. Cooper
- NH WXXZ 96.7 Rochester, Rochester Hill Roas, zip-03867. Letter fro Thomas E. Larson, Jr. Promotions Dir. Cooper
- NJ WVRM 89.3 Hazlet, Airport Plaza, zip-07730. Verie letter stating that they were definitely running 10 WATTS. Signer was Maria Liadis, Mgr. Also send coverage-map showing coverage from Long Branch to Woodbridge. Cooper
- WRDR 104.9 Egg Harbor City, Box 295, zip-08215. Letter from Jim Rodio, plus a large paquet (?) of station data & coverage-map. Cooper
- NS C100 100.1 Halifax, 2885 Robie Street, zip-B3J 2Z4. Letter from Walter S. Labucki, CE for C100-FM & CJCH-AM 920khz. send coverage-map & rate card Cooper
- NY WRVW 93.5 Hudson, zip-12534. (no address on letterhead other than this). Signer was William I. Rose, GM who send verif letter & rcoverage-map & rate card. Cooper
- WSCB 93.5 Corinth, 809-A Palmer Ave., zip-12822. Letter from Carl M. Skoll, Asst. Tech. Cooper

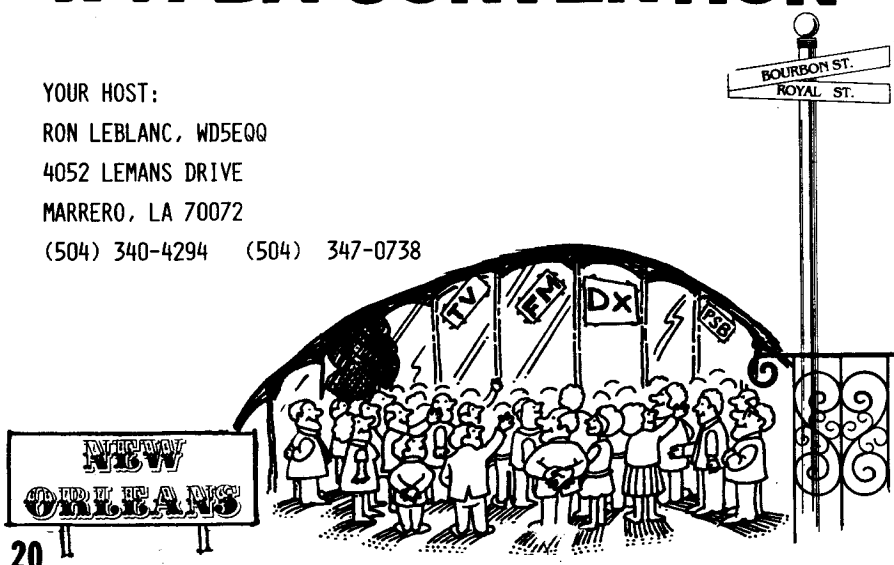
.....  
 This month only report of FM QSL's is Ernest R. Cooper. I'm very low on QSL items to type up so please somebody send in a report real soon or else this column will not be every month! No kidding! Send in address above in same way as I type items up. Remember if you send in your original QSL Card of Letter I can copy it at work for printing in column & I will mail your QSL back to you free of charge!! 73's till then, Tom Yingling

# COME TO NEW ORLEANS



# AUGUST 2,3,4 FOR THE 1985 WTFDA CONVENTION

YOUR HOST:  
RON LEBLANC, WD5EQQ  
4052 LEMANS DRIVE  
MARRERO, LA 70072  
(504) 340-4294 (504) 347-0738



!!

ALL DXERS ARE INVITED TO THE 1985 WTFDA CONVENTION.....  
THIS YEAR'S CLUB GATHERING TAKES PLACE IN THE DEEP SOUTH'S MOST  
CHARMING AREA. NEW ORLEANS. THIS IS THE WTFDA CONVENTION YOU WON'T  
WANT TO MISS...

MANY ACTIVITIES ARE BEING PLANNED FOR THOSE ATTENDING. WE'LL HAVE  
SOMETHING FOR JUST ABOUT EVERYONE...  
IN THE WORKS RIGHT NOW ARE TOURS OF LOCAL WWL TV, CHANNEL 4, AS WELL  
AS WWL AM, AND WRNO FM AND SHORTWAVE.  
A TOUR OF LOCAL CHANNEL 8 MAY ALSO BE INCLUDED, AS WELL A TRIP TO  
THE WORLD FAMOUS FRENCH QUARTER OF NEW ORLEANS.

THE USUAL WTFDA TECHNICAL LECTURES WILL ALSO BE PART OF THE AGENDA.  
DEMONSTRATIONS OF EQUIPMENT MAY ALSO BE PART OF THE PROGRAM, AND  
THERE WILL BE LITERATURE AND DOOR PRIZES, TOO.

REGISTRATION FEE, TO COVER REFRESHMENTS AND OTHER EXPENSES, WILL BE  
\$20.00, PAYABLE TO RON LEBLANC.

OUR CONVENTION MOTEL IS A VERY GOOD 400 ROOM FACILITY, PART OF THE  
TRAVELODGE CHAIN, ROOM RATES FOR THE CONVENTION ARE VERY REASONABLE,  
ONLY \$34.00 FOR A DOUBLE (TWO PEOPLE), OR \$32.00 FOR A SINGLE ROOM.

FOR MORE INFORMATION, DIRECTIONS, AND A TENTATIVE PROGRAM, CONTACT  
YOUR HOST AT THE ADDRESS ON THE OPPOSITE PAGE, OR SEE THE JULY ISSUE  
OF THE VHF UHF DIGEST.

WE WANT TO MEET YOU IN NEW ORLEANS...MAKE PLANS TO BE THERE NOW...  
AUGUST WILL SOON BE HERE...SEE YOU AT NEW ORLEANS...

!!



# ANTENNA NEWS

Doug Dornbos  
3009 Port Sheldon  
Hudsonville, MI 49426

Antenna News

page 2

June 1984

Member's input (cont)

Dear Fellow DX'er:

June 1985

The fallability of the printed page was again brought home to me this month due to 2 things. First, new club member John Lapp was so kind as to send me a reprint from the Boston Phoenix on indoor fm antennas. When all was said and done, they rated a unit called the Parsec the best of the bunch. What this antenna really is is a simple whip enclosed in space age plastic with an amplifier housed in the same. Not what one would call a real dx machine with very weak directivity and total gain being a function of the preamp and not of the antenna. I know that these editors get paid decent wage for their labor so I just can't see how they can sleep at night writing reviews this weak. Even though I disagree with the content, my thanks goes out to Mr. Lapp for his timely input. Thanks.

The second bit of dissagreeable print I witnessed this month came about by lining up all the Consumer Reports reviews of outdoor fm antennas for the last several years side by side and comparing results. My personal feeling is that the Consumer's Union is one of the slickest scams ever conceived by American ingenuity. In February of 1969, the Channel Master SP6 (Stereo Probe 6) was rated #1 just above the Finco FM4G and quite ways above its' big brother the SP9. By July of 1973, CU had changed their mind and rated the SP9 as #1 with both the SP6 and the Finco FM4G lower overall. In February of 1981, CU's testing "engineers" decided the SP9 could be top of the heap, king of the hill, lord of the jungle, etc, etc, in a performance category all its' own with the SP6 and the FM4G sliding all the way down th the last acceptable catagory. Truth? Justice? It's the American way! If only the National Enquirer would carry antenna reviews...

This all brings me to this point: What is said in this column, although often stated as fact, is in no way to be construed as the last word on whatever it is that we are talking about. I have said before that what is written here is to be taken as a starting point for your mental process, stimuli for the creative outpouring that flows from the miracle inside your head. Please view it as such and get back to me with any new discoveries you may make or with any roadblocks you feel we can help clear out of the way. Thank-you.

## MEMBER'S INPUT

Nate Ely writes with good reports on getting manufacturers to send catalogs to him. He mentions too that South River is getting out of the antenna mounting hardware business and is now selling off their remaining inventory. Nate mentions that their 15' tripod and complete 16 gage 20' push-up mast are unique items which may be impossible to get elsewhere. Thanks Nate. Rich Wertman writes with experience in trapping locals and properly recommends trapping before the preamp as this reduces chance of preamp overload. Rich also points out 2 other manufacturers of traps and filters.

Pico Products Inc., 1001 Vine St., Liverpool, NY 13088 and Intercept Corp., 220 Entin Rd., Clifton, NJ 07014. Thanks to Rich. Thanks too to John Combs for the postcard. John is fighting some local channel 4 overload but hopes their move to a new tower will help him out. John, how did you get the station to do that for you?

I know that Tim McVey was tongue-in-cheek in his May column but Magnum, known for their Sleuth preamp, has a new tuner out built on the chassis mentioned in this column in last summer's CES report. This may be Tim's DX-85 in the flesh. Look forward to some good reviews as this little honey has signal strength, center-tune, AND multipath meters on its' face, defeatable AFC, digital read-out, and 30db adjacent channel reject!

What happened to Finco? I was fortunate to talk to Russ Miller, engineer for the Antennacraft Co. this past week and asked him about the "new" parabolic whf antennas his company has out. They are indeed the former Finco P-5 and P-7 as Antennacraft has purchased most of the patents held by Finney along with much of their manufacturing apparatus. It is interesting to note that much of the Radio Shack antenna line is built by Antennacraft. I would venture to say that Tandy owns them outright. I

know that Tandy bought out RCA's antenna plant in NC and that it is now called TDP for Tandy Distributor Program. TDP and Antennacraft share many products between each other such as the "saucer" antenna. Antennacraft and Winegard also share many items such as distribution amps. Winegard and Gemini share many products such as indoor antennas and rotors. It makes you wonder who's building what for who! Enough rambling on my part.

## OUTDOOR FM ANTENNA SYSTEMS

When talking about dx oriented fm antennas, I think we can spend most of our time on the directional types and little on the omni types. I would like to say that the omni types can be used as two separate antennas with two downleads and a switch to provide some directionality. Most antennas in this category are roughly equivalent.

As far as homemade antennas go, there are some construction articles around which can be found by scanning the articles listings which have appeared in this column over the past months. Of worthy mention though is the double parallelogram longwire antenna discussed in the January 1982 Audio magazine. This antenna is close to 100' long and 50' wide so is definately non-rotatable but for 27db of gain you have to make some concessions. If you've got some land it may be worth a try.

No matter what kind of antenna you use, it is my belief that a fm bandpass filter can turn a basket-case situation into a dx'er's delight. Bandpassing the fm band before the tuner's front end (input) helps out your dx machine in ways you never dreamed of! If you can't afford or don't want the loss that a filter imposes in the system, high-pass filtering will do a fantastic job while keeping the fm loss to a minimum. Most hard interference comes from below the band anyway. Below is a chart showing performance of 3 very different products plus the catalog specs of a fourth. These were picked because of their good representation of what is available for the money and because I feel they are about the best values in their respective price categories. (Budgets anyone?) Channels 3, 8, and 13 were used for reference because it's all I had to work with.

Channel	Loss			
	RMS	ESP	Winegard	MFC
	CA1040	FMHPCX	CPF-FM	3486FM
	\$7.85	\$16.75	\$	\$180.00
3	16dB	23dB	36dB	40dB min.
FM	6dB	½dB	5dB	1½dB typical
8	29dB	½dB	44dB	40dB min.
13	32dB	½dB	+50dB	40dB min.

The RMS Band Separator with terminator is the lossiest of the 3 but not bad considering the Winegard only beats it by 1 dB but is several times the price. The ESP high-pass shows almost no loss and very nice attenuation below fm. At its' price, it is a bargain. The Winegard is made up of 4 separate parts; a CP-0100 base, a CPF-FM filter, a F-59 terminator, and an AP-0 pad. This unit has the option of attenuating the entire fm band by any desired amount just by putting in different values of pads. The last unit I show is the MFC 3486FM which I did not test. I include it to show what can be obtained for a couple extra dollars. I have the RMS, ESP, and Winegard units which I will sell for 20% off price shown if anyone wants them. The Winegard unit has with it 3,12,14,17, and 20dB attenuation pads.

Getting on to antennas note the chart on the next page. I have attempted to show available specs on most of the popular antennas on the market today. To keep things simple, I have left off the omni-directional stuff.

# NORTHERN FM-DX

Saul Chernos  
79 Ridge Drive  
Toronto Ontario  
Canada M4T1B6

Antenna News page 3 June 1985

## FM Antennas (cont)

Brand	Model	Gain	F:B	Beamwidth	Price	Notes
Antennacraft	GFM6	5dB	19dB	72°	\$27	
Antennacraft	GFM10	9dB	16dB	64°	\$47	
CADCO	FMSSL75	12dB	30dB	30db F:Side	N/A	Log-periodic
Channel Master	4408	10dB	16dB	47°	\$79	
Channel Master	4409	N/A	N/A	N/A	\$60	
Cushcraft/ Blonder Tongue	YFM5	9½dB	23dB	63°	N/A	
Cushcraft/B-T	YFM10	12dB	26dB	48°	N/A	
Jerrold	QFM9	7dB	20dB	N/A	\$67	
Jerrold	J55FM	6½dB	18dB	N/A	\$134	
Radio Shack	151638A	5½db	17dB	60°	\$30	
SITCO	CA8FM	14db	22dB	32°	\$268	Solid elements Yagi
SITCO	MA5FM	11dB	17dB	35°	\$214	" "
Winegard	CH6060	8dB	17dB	66°	N/A	
Winegard	CH6065	10dB	20dB	53°	\$93	

\*\*\*\*\*

Take a look at the chart above and notice how sometimes cost and performance don't seem to coincide. That's partly due to 300 foot high service calls being very expensive and when your antenna is that high on your tower, durability becomes more important than gain. Next month I will tell you my favorites from the list above. Also we will discuss stacking and how it affects pick-up pattern. Preamplifiers will be the last item discussed and then we will price out a few systems for the heck of it just to see what we're up against.

Below is a little chart on world TV standards that I found recently in the E-V Game VCR Belt cross reference. Although it does not fit into the antenna heading very well, I thought it might interest somebody.

## A GUIDE TO WORLD TELEVISION STANDARDS

PAL			SECAM			NTSC		
Afghanistan	Ireland	South Africa	Albania	Ivory Coast	Antigua	Guatemala		
Algeria	Italy	South W. Africa	Bulgaria	Lebanon	Antilles	Japan		
Argentina*	Jordan	Spain	Columbia	Luxembourg	Aruba	Mexico		
Austria	Kuwait	Sudan	Congo	Martinique	Bahamas	Nicaragua		
Australia	Sweden	Czechoslovakia	Czechoslovakia	Mauritius	Bermuda	Panama		
Bahrain	Switzerland	Djibouti	Djibouti	Morocco	Bolivia	Peru		
Bangladesh	Libya	Egypt	Egypt	N. Korea	Burma	Philippines		
Belgium	Malaysia	France	France	New Caledonia	Canada	Puerto Rico		
Brazil (M)	Netherlands	Turkey	Turkey	Potand	Chile	Samoa		
Brunei	New Guinea	French Guiana	French Guiana	Gabon	Costa Rica	South Korea		
China	New Zealand	United Kingdom	German D.R.	Romania	Cuba	St. Kitts		
Denmark	Nigeria	United Arab Emirates	Greece	Saudi Arabia	Curacao	Surinam		
Fiji	Norway	Venezuela*	Guadeloupe	Senegal	Dominican Republic	Taiwan		
Finland	Pakistan	Venezuela*	Guyana	Tahiti	Republic	Trinidad and Tobago		
Ghana	Portugal	W. Germany	Guyana	Togo	Ecuador	Togo		
Hong Kong	Qatar	Yugoslavia	Haiti	Tunisia	El Salvador	USA		
Iceland	Sierra Leone	Zambia	Hungary	Tunisia	Greenland	Venezuela		
Indonesia	Singapore	*Non-standard PAL	Iran	USSR	Guam	Virgin Islands		
			Iraq	Zaire				

JUNE 1985

The skip season might be over by the time you read this!

**SCOTT HOOD - Dean Jr. College - Box 971 - Franklin MA 02038** ELT

**EQUIPMENT:** Sears AM/FM SR-2100 series "Room Box" has good frequency width but poor sensitivity (strong filter perhaps?). Sears AM/FM/PSB/TV (VHF Audio) has, on the other hand strong sensitivity (too strong, as there tends to be severe multi-path ghosting; either the filter is kaputz or the antenna holder being broken is causing this); This rcvr has poor frequency width as well (strong AFC?).

**DX from Beverly MA:**

**MAY 1984**

14 Es  
1930 WKZwt 93.3 IL Peoria 875

15 Es  
1930 WKZwt 93.3 IL Peoria 875

24 Es (1000 time opening started)

1000 WJTOT 107.7 FL Mt Dora 1025

WBJWT 105.1 FL Orlando 1025

WSHE 103.5 FL FtLauderdale 1150

WDIZ 100.3 FL Orlando 1025

WZNE 97.9 FL Clearwater 1100

WRMT 97.9 FL Palm Bch 1100

WJIA 97.3 FL Miami 1175

WNGG 95.7 FL Clearwater 1100

WYNF 94.9 FL Miami 1175

WVFM 94.1 FL Lakeland 1075

WFLA 93.3 FL Tampa 1100

25 Tr  
2300 WUSL 98.9 PA Philadelphia 275

**JULY 1984**

16 Es

1000 WJFJ CA Manchester (93.3) 900

24 Tr

0900 WPDH 101.5 Poughkeepsie NY 160

**AUG 1984**

6 Es

1430 WKYQt 93.3 KY Paducah 900

**DX From Franklin MA:**

**SEP 1984**

9 Tr

2300 CBAFt 102.3 NB StJohn 325

2300 CBZt 101.5 NB StJohn 325

23 Tr

0100 WRDU 106.1 NC Wilson 550

**NOV 1984**

4 Tr

1910 C... 100.1 French unID

This is my "World Premiere" report; as you can see (Scott sent in loggings from 1980-1983 which I omitted for reasons I'll explain later) I've only been seriously into FM DX since May/84. In fact it was around Easter when I drove to New Port Richey FL (near Tampa) that I found both Tr & Es & before I'd left the area, I had visited much of the Southern U.S. without leaving the yard: TX LA AL MS GA (WJAD Bainbridge quite regular). The Tropo is more potent here in Franklin when it gets cooking than in Beverly (WJZ 100.1 3000w Manahawkin NJ 200 mi. has come in more than once).

Finally, the ECPers DX medium wave, Shers DX short wave, so why don't we become DWLers and incorporate the VHF-UHF region as Direct wave (line of sight)? 73s, Scott.

(Neat point; You asked re the difference between Tropo and Auroral DX. If it is severely muddled, and while perhaps loud, incomprehensible, it is likely Auroral. If it is clear and unmuddled, I'd suspect Tropo. With Aur. DX there is what is called "hash" on the bands which is basically a lot of noise on most frequencies. To get Aur. you aim antenna if possible due north, and not towards the stations you are getting. I suspect you had Tr because you are new to FM and Au is hard for a newcomer to get. I didn't even understand what all those noises I heard were during my first few years. I omitted some early DX as you were uncertain about dates, modes, and because it was old. Also GW means GROUNDWAVE. That is tropo that is too close to call tropo, ie locals and semi-local stations, ones that are reasonably regular or ever-present in reception. Welcome to NORTHERN, Scott. -saul) (Also am holding your bandscan for a future bandscan "special"...one issue's NORTHERN will be devoted to this, probably Nov or Dec or a slow month. I'll announce soon-ed)

**ROGER WINSOR - 311 W. Springfield #4 - Champaign IL 61820**

I moved to IL 2 years ago from Hobart IN. Locally WEPF 90.1 is still hoping to get power boost to 10KW hv 300', which will be a drastic improvement; now their tower is 135' on the side of a building. I'm an airshifter so am happy to see stn grow (Ed, what's an airshifter?). WLRW, WDWB, WKIO, WPGU are all NSP

Today Mar 8 1985 Tropo ducting to Chicago, StLouis, Northern IL: WEKZ o/KSD with b "Easy \$ter 97" at 0920. WXXQ 98.5 easy w/WACT since power boost. WPKX 104.9 Paxton "\$tereo 105" now on, has oldies mellow rock. This is a big oldies town, with WJTX 1580 oldies too. Re CP at 91.9 Joliet IL, nothing not'd yet. An amazing grant with WSSR just 80 miles SW. No Es in 1984 except the tail end of Dec 14 Es while driving north, KVVU 91.7 TX Dallas hrd at 1700. I've no phone, but would appreciate hearing from anyone by mail. Total still at 899. (Ed, yes I DX AM though only rarely, too many // Larry Kings, heh!)

**TRIVIA-TIME: DID YOU KNOW THAT THERE WAS AN ATTEMPT TO USE A BUG IN WASHINGTON IN 1972, AND THAT THE BUG WAS JUST ABOVE THE TA BOLD AT 110 MHz. HAD IT BEEN SUCCESSFUL A DXer COULD HAVE HEARD IN ON PART OF THE WATERGATE AFFAIR! (Info courtesy Harry Helms, How To Tune the Secret Shortwave Spectrum, Tab Books, 1991.**



DONALD L. BLEVINS  
1657 ESSEX TOWNE CIRCLE  
BALTIMORE, MD 21221-2644



VHF UTILITY DX...This month's feature will be of DX on these bands and the loggings from Bill Nollman and Pat Dyer, my new regular contributors. I want to stress that no contribution is too large or too small, keeping in mind that if you send me 50 pages of DX I will have to spread that material over several issues. I would appreciate if at all possible that you include as many details as possible.

Thanks to Tom Yingling, of QSL Corner fame, I have access to a microfiche reader and some microfiche, so if you can provide some details of reception, then in many cases I can fill in the blanks. Of particular interest are skip reception and tropo, as this is a DX club. If your loggings are of a more local nature, I am still interested, as DX to some might be long haul reception, and to others who circumstances might limit reception range shorter range reception is DX.

I would like to know if there are any particular field that the membership would like to cover such as cabs, trucking outfits or oil companies. I will be happy to research these types of fields. Now on to the DX.....

Pat Dyer  
5315 Silvertip Drive  
San Antonio TX 78228  
Bearcat 210 XL 11 meter GP at 14 feet 50mhz; Icom IC-5510 Janel PB-50 preamplifier 5 element yagi at 23 feet

85-04-01	1437	38.6	Peru	
85-04-02	1349	35.28	Argentina	Medical Pager
85-04-03	1546 WA4777	50.1	Alabama	Amateur Radio Operator
85-04-03	1554 WA2QD	50.1+	Florida	Amateur Radio Operator
85-04-03	1604 HC2FG	50.099	Guayaquil	Amateur Radio Operator
85-04-04	1407	35.28	Argentina	Medical Pager
85-04-05	1310	37.62	Argentina	Medical Pager
85-04-07	1455	32.96	Argentina	Medical Pager
85-04-09	1251	38.6	Peru	
85-04-11	1318	38.6	Peru	
85-04-12	1610	37.62	Argentina	Medical Pager
85-04-13	1655	32.68	Argentina	Medical Pager
85-04-14	2057 KAA 270	42.06	Poplar Bluff MO	Missouri Highway Patrol
85-04-15		31.35	Argentina	Medical Pager
85-04-16	1443	32.96	Argentina	Medical Pager
85-04-17	1355	35.28	Argentina	Medical Pager
85-04-19	1420	35.28	Argentina	Medical Pager
85-04-21	2017	35.38	San Diego CA	Mobile Telephone
85-04-23	1516	35.28	Argentina	Medical Pager
85-04-24	1513	35.38	San Diego CA	Mobile Phone
85-04-24	1647	35.28	Argentina	Medical Pager
85-04-25	1300	35.28	Argentina	Medical Pager
85-04-26	1116	32.96	Argentina	Medical Pager
85-04-30	1123	35.28	Argentina	Medical Pager

85-04-12-1848	KUN 618	154.415	?	?
85-04-12-1905	WRW 321	46.04	Killingsworth CT	Valley Shore Emergency
85-04-12-1911	KBO 581	46.42	South Kingston RI	South Kingston Fire Dep
85-04-12-1933	WA1YGE	147.225	Millford CT	Amateur Radio Repeater
85-04-12-1947	KNOK 560	47.66	Prospect CT	Campion Ambulance + Oxy
85-04-13-1015	KCA 738	154.77	East Providence R	East Providence Police
85-04-13-2044	KCB 702	39.92	North Haven CT	North Haven Police
85-04-13-2057	KCH 207	46.52	Farmington CT	Town of Farmington
85-04-13-2045	(un-id m	155.685	near East Farming	New York State Police
85-04-13-2106	(un-id m	155.28	Long Island's Rou	
85-04-13-2115	KEE 895	46.46	Blue Point NY	Blue Point Fire Protect
85-04-13-2125	KED 236	46.46	Patchogue NY	Patchogue Fire Departm
85-04-13-2116	KNAM 555	45.50	Cromwell CT	Cromwell Police
85-04-13-2126	KWI 721	155.385	Newport RI	Newport Hospital
85-04-13-2128	KCD 292	46.06	Newport RI	Newport Fire Department
85-04-13-2134	(UNID MD	153.56	Long Island	New York Power Authorit
85-04-13-2143	KWQ 544	156.21	Hopkinton RI	Hopkinton Police Depart
85-04-14-2019	KNBN 621	33.70	Woodbury CT	Woodbury Fire Departmen
85-04-14-2020	KXQ 956	46.42	Charleston RI	Charleston Fire Departm
85-04-19-1558	KJC 479	153.41	Montville CT	Connecticut Natural Ga
85-04-19-1636	KFC 583	150.92	Waterbury CT	Connecticut Motor Club
85-04-19-1710	KCE 721	33.70	Litchfield CT	Litchfield Fire Departm
85-05-03-1817	KCD 346	33.88	Tolland CT	Tolland County Mutual A
85-05-03-1914	KFD 502	46.36	La Grange NY	La Grange Fire District
85-05-03-1935	KLI 377	46.38	Exeter RI	Exeter VFD #2

Donald L. Blevins  
1657 Essex Towne Circle  
Baltimore MD 21221  
Bearcat 210 screw in whip

Bill Nollman  
8 Autumn Way  
Norwich CT  
Regency HX 1000 CM Monitenna at 25 feet

VHF UTILITY DX LOGGINGS REPORT

DATE	TIME	CALL	FREQ.	AGENCY	CITY	ST
85-05-04	2318	KGE351	155.25	DOVER POLICE	DOVER	DE
85-05-04	2319	KIW334	154.37	PRINCE WILLIAM COUNTY FIRE	MANASSAS	VA
85-05-04	>	>	>	>	>	>
85-05-04	2320	KVP480	154.43	CAMDEN COUNTY COMM	LINDENWOLD	NJ
85-05-04	2320	KGB476	154.235	PHILADELPHIA FIRE	PHILADELPHIA	PA
85-05-04	2320	KTO396	154.785	CHESTER COUNTY COMM	WEST CHESTER	PA
85-05-04	2320	KKC815	155.07	BERKS COUNTY COMM	READING	PA
85-05-04	2321	KTE505	155.625	YORK COUNTY COMM	YORK	PA
85-05-04	2324	KCI570	155.43	BUCKS COUNTY COMM	DOYLESTOWN	PA
85-05-04	2325	KGC220	154.415	BALTIMORE FIRE	BALTIMORE	MD
85-05-05	0024	KGA821	155.31	DOVER POLICE	DOVER	DE
85-05-05	0024	KEA702	155.55	BRIDGETON POLICE	BRIDGETON	NJ
85-05-05	0026	KFF284	155.13	HYATTSVILLE POLICE	HYATTSVILLE	MO
85-05-05	0027	KLK628	158.78	MANTUA POLICE	MANTUA	NJ
85-05-05	0036	KIK552	155.70	VIENNA POLICE	VIENNA	VA
85-05-05	0037	K6C334	154.16	MONTGOMERY CTY FD	ROCKVILLE	MD
85-05-05	1007	KGC220	154.31	BALTIMORE FIRE	BALTIMORE	MD
85-05-05	0038	KGB464	154.95	EASTON POLICE	EASTON	MD
85-05-05	0041	KLE764	155.715	TOWSON ST CMPS PD	TOWSON	MD
85-05-05	0043	KGB476	170.15	PHILADELPHIA FIRE	PHILADELPHIA	PA
85-05-05	0044	KGC220	154.37	BALTIMORE FIRE	BALTIMORE	MD
85-05-05	0044	KWJ445	155.16	CHURCH HOME HOSP	BALTIMORE	MD
85-05-05	0046	KXH326	155.67	PENN STATE POLICE	PHILADELPHIA	PA
85-05-05	0049	>	162.55	NOAA	LEWES	DE
85-05-05	0050	KIH28	162.475	NOAA	PHILADELPHIA	PA
85-05-05	0052	KXM091	155.67	PENN STATE POLICE	YORK	PA
85-05-05	0053	WZK459	154.28	MONTGOMERY CTY FD	ROCKVILLE	MD
85-05-05	0054	KIF337	154.28	FAIRFAX COUNTY FIRE	FAIRFAX	VA
85-05-05	0057	KEB678	155.58	MILLVILLE POLICE	MILLVILLE	NJ
85-05-05	0058	KEA790	156.21	SALEM POLICE	SALEM	NJ
85-05-05	1007	KGP634	154.055	MARYLAND PORT AUTH	BALTIMORE	MD
85-05-05	1007	KGC220	154.145	BALTIMORE FIRE	BALTIMORE	MD
85-05-06	1009	KYU411	155.115	HOWARD COUNTY PD	JONESTOWN	MD
85-05-06	1120	>	152.27	SILVER SPRING CAB	SILVER SPRING	MD
85-05-06	1120	>	152.27	ROYAL CAB	BALTIMORE	MD
85-05-06	1121	>	152.71	C+P TELEPHONE	BALTIMORE	MD
85-05-06	1122	>	153.44	BG+E	BALTIMORE	MD
85-05-06	1143	>	152.30	COUNTY CAB CO	CATONSVILLE	MD

# WESTERN TV-DX

Fred McCormack  
Box 5221  
State University Sta.  
Fargo, ND 58105

Deadline: 6-29-85

June 1985

DX highlight this month has to be a super tropo opening observed by Pat Dyer on April 4th bringing signals across the Gulf of Mexico to Texas from Georgia, Florida, Alabama, etc. Nice going, Pat, I'd love to stay up all night for an event like that!

PLEASE NOTE THE EARLY DEADLINE FOR THE AUGUST COLUMN. I am forced to do this in order to be able to take advantage of the long fourth of July weekend.

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

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 (WA5IYX)

CST

Equipment: 1980 model Penncrest 9" black and white, Archer V-100 and eight bay bow tie UHF array at 20 feet with rotor.

April 1985		4 tr		0500		KNOE 8 LA 440		14 Es 2102		unid channel 3		
3 tr	0123	KLFY	10 LA 395	0508	KLFY	10 LA 395	2108	WSB	2 GA 880			
	0129	WAFB	9 LA 450	0517	WTSG	31 GA 870	2124	WBYT	2 WI			
	0218	KADN	15 LA 395	0518	WAMS	30 FL 1015	2202	WBMM	2 IL 1045			
	0523	KPLC	7 LA 325	0519	KVHP	29 LA 325	2220	fade-outs				
	2210	KLTL	18 LA	0520	WKAB	32 AL 750	16 tr	2240	X---t	28 NL		
		KLPBT	24 LA	0521	WTWC	40 FL 855			XHBT	7 TA		
		WGNOT	26 LA	0530	WJCL	22 GA 1050			WAPT	16 MS		
	2214	WLAET	32 LA	0531	WBRB	33 FL			KLPBT	24 LA		
		WRBT	33 LA	0534	WLBMT	30 MS			WGNOT	26 LA		
		WNOL	38 LA 510	0535	KPLC	7 LA 325			2217	WGNOT	26 LA	
		WPANT	24 LA		WLOX	13 MS 570			2224	KALBT	5 LA 325	
		WAPT	16 MS		WXTX	54 GA 830			2229	KLTL	18 LA 325	
	2240	KALBT	5 LA		WPMI	15 AL 630				WLPB	27 LA 450	
	2244	WMAOT	23 MS		0545	WIYET	55 FL		2232	KVHPT	29 LA	
	2248	WMAAT	29 MS		0552	WTTO	21 AL 745		2259	KADN	15 LA 395	
	2254	KADN	15 LA 395		0600	WBRB	33 LA 450		2301	WBRB	33 LA 450	
	2258	WMAU	17 MS 470		0605	WDRHT	18 AL		2309	WMAHT	19 MS	
		WMAH	19 MS 570		0609	WFIQT	36 AL			WMAUT	17 MS	
		0614	KLTL	18 LA 325		2312	WNOL	38 LA 510				
			WDBB	17 AL 700		2330	????	24 LA				
	4 tr	0024	WAFB	9 LA 450		18 tr	0023	KLAXT	31 LA 385			
		0041	WXVT?	15 MS?			0052	WAFB	9 LA 450			
		0059	KARD	14 LA 430			0109	WBRZ	2 LA 450			
		0140	WJTV	12 MS 525			0138	KLFY	10 LA 395			
			WTVT	13 FL			0155	KFDM	6 TX 275			
		0210	WLTV	12 FL 1015			0239	KARD	14 LA 430			
		0212	WVUE	8 LA 510			0242	KTRE	9 TX 265			
		0232	WNFT	47 FL			0450	KTAL	6 LA 350			
		0254	WLTZ	38 GA			0717	WAPT	16 MS			
		0259	WBMG	42 AL 750				KLTL	18 LA			
		0305	WQAC	35 FL				KLFPB	24 LA			
		0348	WTOG	44 FL 985				0722	KVHPT	29 LA		
		0358	WGN0	26 LA 510				0728	KLAXT	31 LA		
		0403	WNOL	38 LA 510					WLAET	32 LA		
		0404	WBBH	20 FL 1040					0729	KLMG	51 TX 310	
		0423	KATC	3 LA 395					1809	KMIDT	2 TX 275	
		0432	KSLA	12 LA 350					1810	KOSA	7 TX 275	
		0433	WBRZ	2 LA 450					20 ms	1156	WMAH	2 MS 615
			KALBT	5 LA					21 Es	2110-2215	unids 2, 3 w	
		0437	WJKS	17 FL 1015							KCRB	2 CA 1190
		0450	WCJB	20 FL 975					30 Es	2207-17	DKDA	2 PA 1280
		0459	WCOV	20 AL 750							(Very spotty)	
									14 Es	2059	WTWO	2 IN 935

A rather ominous lack of E skip so far. Tropo on April 4 was perhaps the best of it's nature here in 10 years! (But that long ago there weren't as many U's on). Eight new loggings in under five hours (seven U's in less than two hours). Just as many UNID's that would have been new. Very hectic with stations coming on so fast in the 0500-0700

Western TV DX

June 1985

Pat Dyer (continued) period that UNID color bars noted on a given sweep would already be programming by the next sweep a few minutes later. At peak, seemed to be three or more deep on each channel 14-40 plus.

Local channel 5 has now dropped it's all-night weekend movies so that channel is vacant in the wee hours of Saturday and Sunday, but local channel 12 is now carrying all-night rock videos ("Odyssey") all days but early Sunday. They did find a use for their stereo capability after all.

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

CST

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-4026 (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), and Panasonic 9" b&w portable.

Generally not much DX seen lately. Here are the highlights:

February 1985		March 1985	
5 Es	at 1738,	unids channels 2-4 from the south.	8 tr at 0728, KDNL-30, KNLC-24
8 Es	at 1742,	unids channel 2 from the south (very weak).	10 tr at 1941, WTVQ-36
20 tr	at 1915,	KNLC-24, KDNL-30	22 tr at 0800, W63AH, WOSU-34
25 tr	from 1815	to 2230, KCBJ-17, KCBR-17, KNLC-24, KDNL-30 (o/WVCY), KTSB-27 t, WFMJ-21, WKBN-27, WYTV-33, WNEO-45, WTVQ-36, WKMA-35, WOSU-34, WTTT-28	29 tr from 0715-0830, KNLC-24, KDNL-30, WCET-48, WOSU-34, WTTT-28, WSFJ-51, WIII-64, WXIX-19
27 tr	at 1905,	KDNL-30, KNLC-24	

E skip should get underway on a regular basis soon, I hope. That's all for now, 73's, Bill

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

CST

Equipment: Zenith N1310 color, Channel Master 1110 with CP 3800 preamp, RG-11 at 50', Channel Master 7' dish with PA 4975 preamp, .500 cable at 55'

December 1984		March 1985	
14 Es	1808	KRGV 5 TX 1160	1740 W58AMt 58 OH
	1809	KIII 3 TX 970	1809 WQEXT 16 PA
	1810	KMID 2 TX 890	1955 CBLFT9 40 ON 505
		KGBT 4 TX 1065	2115 W67AL 67 OH 500
	1830	unid ch5 Spanish (Eastlake WVIZ-25)	0640 WQOLN 54 PA 555
	1835	XEFB 2 NL 1115	(ID'ed TP)
26 tr	0455	WWSB 27 MS 495	2252 CICO 59 ON 455
	+WOWL	15 AL 425	0653 WPGH 53 PA 550
	0618	WCFT 33 MS 535	unid ch 63 PBS e (Translator?)
30 tr	0700	CITY 57 ON 610	
		CBLFT 61 ON 550	
		Also Detroit and Sarnis U's	
	0800	CBLFT 25 ON 610	
	0817	CICOT 18 ON	
	0929	WQLN 54 PA 555	
	0939	WJET 24 PA 555	
		(0 kHz - WLFI)	
		(Ponca City LPTV)	
		(A/N cw net, gets out)	

On December 30, both CBLFT and WVIZ were briefly over WEEK-25 (same direction). This gives me some hope of seeing much wanted WUCM-19 someday. By the way, WHOI-19 (x-WRAU) stands for "Heart of Illinois."

The Mississippi and Alabama tropo reception on December 26 was while it was sleeting outside. The opening on March 29 to western Pennsylvania was the most intense ever noted in that direction. Both WQLN-54 and WPGH-53 were briefly snow free. Normally, I would

Jeff Kadet (continued)

have pulled an all nighter, but my sister was visiting. I get depressed thinking of some of the needed sign/ons which were probably missed!

WH3AG on April 17 was my unID "TV-43" from a few months ago. Offset is 0 kHz to WBLN (actually it's more like 5 kHz). Most of the Kentucky ETV U's were snow free that day, but alas, no sign of any Kentucky translators. WLCN-19 has been on the air at least since June 1984. Television News in the May VUD suggests they are only now a new station on the air. They are all night with typical religious fare.

WQEC-27 began regular schedule on March 11, although they were testing in the early AM a few days previously. They give parallel ID's along with WIUM-22 and WJPT-14. WJPT had the nasty habit of keeping their color bar test pattern with no call on all night for about four days a week for a few months, but it has since stopped. KCBR-17 has been keeping their color bar test pattern with ID on all night for at least the past one and a half months.

No E skip seen as of May 3. 73.

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CST/CDT

Equipment: VHF: Broadmoor 9" black & white, Winegard CH-7078; UHF: Magnavox 19" color, Winegard CH-9095, Blonder-Tongue CMA-Uc pre-amp; Alliance rotor.

April 1985	1 tr 0613 K25AA 25 IA 245	6 tr 0600 KSHE 41 MO 550
10 tr 2200 KEMY 17 ND 190	(Rock Rapids KSIN-27)	0634 K55DY 55 MN 110
	6 tr 0559 K33AB 33 IA 245	(Grygla KXJB-4)
May 1985	(Sibley KSIN-27)	0635 K57AS 57 MN 110
1 tr 0547 K42AN 42 MN 145	0600 K25AA 25 IA 245	(Grygla WDAZ-8)
(Willmar KITN-29)	(Above two w/KSNT-27!)	

Finally a taste of tropo, but it just is not enough!

# ANARC

Steven P. Sprachman  
15 Merry Lane  
Hicksville, N.Y. 11801

# UPDATE

## MORE ON REGIONAL CLUBS

Last month I gave a list of some of the regional and local DX clubs. The problem is that most are not members of ANARC. They fail to meet membership requirements due to their small size (most have less than 50 members), and most do not publish a bulletin. A move is under way to find a method to allow these clubs to become members of ANARC. Below is the first letter I sent to Terry Colgan, the Executive Secretary of ANARC, on the subject:

"While the information provided by these clubs may be of a limited nature, it is most useful for those dx'ers in that local area. It is more valuable for me to know that local area dx'ers are getting a particular station, than it is for me to know that West Coast DX'ers are getting the same station. Also, in many instances, logging information needs to be presented in a timely manner. A logging made today will not show up in a national club's bulletin for 2 or 3 months. A local club can provide timeliness for loggings through a "Hot Line", computer "bulletin board" or a locally produced printed bulletin where loggings do not have to be shipped across the country and through several hands before they are published.

Local clubs also help individual DX'ers with problems that are particular to a local area. A local club allows area DX'ers to meet other area DX'ers. It took me years to meet another active local DX'er. Had there been a local club in New York, my search would not have taken so long. And I would have known that there was another DX'er two blocks away.

The inclusion of local clubs into ANARC may help other clubs to start and grow. This would be a positive influence on the whole hobby."

Several members of the executive council proposed a sub-category for regional and local clubs known as an 'Associate Membership'. I thought this was a good idea, that I recently sent this follow-up letter:










"I think the idea of a separate sub-category for regional clubs is a good idea. I agree with several of the requirements proposed, but others have to be refined. A club must have:

- 1) A minimum number of dues paying members of 25.
- 2) Proof of on-going activities:
  - a) Regularly scheduled meetings (at least 3 per year).
  - b) DX "Hot Line" or a "Bulletin Board"
  - c) A regularly published bulletin.
- and/or
- 3) An active recruitment and publicity program.
- 4) The club must meet these requirements for 1 year, after the application is accepted until formal Associate membership is granted. The club would be responsible for quarterly updates on their activities. The Executive council would vote on the proposed membership at the end of the one year period.
- 5) If a regional club meets the requirements for Full ANARC Membership than this should be offered to them without any time limit that is exclusive to them.
- 6) Provisions must be made when a club fails to meet these requirements once formal membership is granted. A club should be given 1 year to meet the requirements before its membership is revoked.
- 7) Known regional clubs in existence for more than 2 years will have the 1 year probationary period waived, and the membership voted on a time of application. This provision would be in effect at the time that the Associate membership category is first put in effect.

What we are trying to avoid is the many local clubs that start up with a lot of enthusiasm and interest, only to fall apart in a few months because they lacked the necessary things for survival."

This is to give you an idea of one of the issues facing the Executive Council at the present time. A full discussion of the subject will take place at the business meeting at the ANARC Convention in Milwaukee. I'll have more on this and on other issues facing ANARC in future Updates. If you have any comments, please let me know.

In a recent Update on ethnic television in New York, one correction must be made. WHRT-68 (and W6OAI and WSNL-67) no longer has any programs directed to any ethnic audiences.

 <p><b>KAAL</b> ABC Television Channel 6 P.O. Box 577/Austin, Minnesota 55912</p>	<p>TV LOGOS FROM RICH EDDIE ST. LOUIS, MO</p>	 <p><b>WHA-TV</b> Madison Wisconsin 821 University Avenue Madison, Wisconsin 53706 Assistant Technical Director</p>
 <p><b>11</b> KTWU</p>	 <p><b>eight</b> KAIT-TV POST OFFICE BOX NO. 790 JONESBORO, ARK. 72401</p>	 <p><b>29</b> KTRP 1 McCLOY Plaza Fayetteville, AR 72701</p>
 <p><b>10</b></p>	<p>WMVS WMVT 1015 North Sixth Street Milwaukee, Wisconsin 53203 Public Television</p>	 <p><b>35N</b> WLIO LIMA Lima Communications Corporation, Inc. 1424 Rice Avenue P.O. Box 1688 Lima, Ohio 45802</p>
<p>Washburn University 301 N. Wanamaker Rd. Topeka, Kansas 66604 <b>988</b></p>	 <p><b>36</b></p>	 <p><b>WBHW</b> CHANNEL <b>55</b> TELEVISION SPRINGFIELD ILLINOIS 3440 CLEAR LAKE AVE. 62703</p>

And finally, I hope to do another Update on radio and television in other countries in the near future. Unfortunately, we will not be able to take an international vacation this year. I'd like to hear from anyone who has taken an international vacation this year about their thoughts on radio in those countries. If you are going away this summer, take a radio. You'll like what you hear.

73's and best of DX,

*Steve P Sprachman  
(and Joyce)*

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# EASTERN TV-DX

William J. Draeb  
Ellis St. R.R.#2  
Kewaunee WI 54216

June 1985

Rich Wertman; 315 Pine St., Lockport NY 14094 EST

Deadline: 1st

Equipment used: Finco P-7 with CP-4800 at 65'. CM rotor; fed with 1/2" hardline 12" Zenith b&w; Sony SL-2300 VCR, Panasonic 19" color. Mobile unit: 12" Samsung AC-DC b&w; 8 bay CM bowtie few with RG6U at 20' via crank up mast.

Have had some bad luck since my last report. Both Tropics and Es have took a dive, along with my P-7 Finco. Yesterday, 4/6/85, we received some nice winds being clocked at around 70 mph that just wouldn't give up. They started at 0200 Saturday and finally ended around 1900. I previously removed my Lance VHF antenna, 8 bay bowties, and MDS antenna and HD-73 rotor from 15' tripod in preparation for new tower. I preceded it with moving the P-7 up on the 15' tripod with a 30' Duratube push up mast (only using the bottom 20'). I had it guyed with heavy 7 strand guy wire and turnbuckles etc. Don't let guy line fool you though! The guy line got so much pressure against it that it stretched and snapped the SW corner guy causing the top 10' of mast to go over. Luckily the P-7 wasn't hurt! However, I'm presently without any DXing equipment antennawise on the roof. I'm going nuts, I'll have to get something up on pipe this weekend. I also picked up an AC-DC TV about a week ago. This is neat to have. I drive my pickup to very good DXing locations and raise an 8 bay UHF ant. up 20' above the box on the truck with great results. Some loggings this time were via the mobile DX unit. The old saying goes to prove itself, the only reason some people get more DX is because they live in the right area or elevation! I was at a few spots with the mobile unit that would make you want to get rid of all that \$ equipment at the home QTH and set up a mobile DX unit for 100 bucks and head for the hills! I wanted to puke when I saw how much a little elevation did compared to all this extravagant stuff at home! I think I'll be doing more mobile DXing as the weather warms. Have started digging the hole for tower base, hoping to have it up by May 1st.

March 1985

3 Tr P.M. Erie U's good at 125 mi.

WYTV-33 OH 180

WKBD-50 MI 240

WGCN-52 OH 250

Sandusky

WGPR-62 MI 240

March 1985

3 P.M. W64AK OH 225

W67AL OH "

April 1985

7 Tr 2200 Erie Us

April 1985 (On mobile unit)

7 Tr 2200 E NY U's 16,18,21,

31,34,36,40,50. MI U's 20,

50,56,62. OH U's; fair 27,

33, 43,61.

W.P. Townshend; 4500 Conn. Ave. NW #901, Washington DC 20008 EST

April 1985

19 Tr 0746 WLXI-61 NC 250

0800 WGGT-48 NC 260

22 Tr 0744 WTLL-63 VA

April 1985

22 Tr 0749 WTVZ-33 VA

0751 WYAH-27 VA

0752 WTAH-29 PA

April 1985

22 Tr 0751 WHRO-15 VA

0754 WHP-21 PA

0755 WPHL-17 PA

Corrections: All reports on ch.29 in VA should read WVIR; not WGIV.

Summer was dumped down on us. 93° today after 29° 12 days ago and with summer weather, good tropo conditions. Especially in the early morning and in evening. Too much sun and warm weather is counterproductive; we need rain here very badly. AQ2 at 105 and pollen count 210 (only 7 makes discomfort).

John Combs; 2831 Selma, Jacksonville FL 32206 EST

March 1985

27 Tr 0706

WEBA-14 SC 200

WLO-25 SC 263

WAGT-26 GA (SC) 215

WRJA-27 SC 261

29 Tr 0605

WEBA-14 SC 200

WHNS-21 NC 370

WLO-25 SC 263

WAGT-26 GA (SC) 215

WRJA-27 SC 261

WNTV-29 SC 323

Greenville

March 1985

29 Tr 0606

WNSC-30 SC 316

Rock Hill

WJPM-33 SC 297

WRLK-35 SC 267

WPCQ-36 NC 347

Charlotte

0607

WNEH-38 SC ?

Greenwood

WRET-49 SC 317

Spartanburg

March 1985

29 Tr 0612

WPDE-15 SC 313

0615

WIS-10 SC 270

0620

WAXA-40 SC 296

Anderson

(I.D. 3/4 c.b.)

0622

WLTX-19 SC 262

0628

WCCT-57 SC 267

Columbia

(I.D. slide)

Totals: 107 stations logged; 70 UHF; 5 low power xlters; 3 Es; 0 Ms; 8 states; 0 Canadian provinces; 1 Mexican estados; 0 other foreign countries; 9 TPU's.





This winter not much in the way of DX. Conditions are going up now with WUNM -19 NC seen twice in April. When this gets in print DX should be going full tilt. On April 26 & 27 a big high pressure over SC but a low was in and out in this area with not much DX here. Anyone south of Cape Cod must have picked up something decent.

Glenn Hauser; Box 490756, Ft. Lauderdale FL 33349 EST

I'm glad to be able to report some nice UHF tropo again, but first, the locals: WPBT-2 has stereo on some programs but doesn't push it much; WMFI-93.1 simulcasts are more useful. Rather derivatively, they've been promoting "excellence" as a theme, not long after WIRS-42 became WXEL-42 and would seem to have priority for that idea. WTUV-4 former anchorman Ralph Ranick is running for governor, undeterred by the failure of a colleague several years ago. WPTV-5 often seems to have inferior audio, e.g., during "Donahue" compared to WPLG-10. WCIX-6 I've never caught off the air yet; I think they switched to a standby transmitter when maintenance is necessary. Since it's in Princeton, south side of Miami, the signal is rather weak here and WCPX c.c.i. is not uncommon (so far nothing on VHF I could attribute to Cuba, which I saw more of in Knoxville--but then I don't have anything beyond rabbit ears for VHF yet). I also get all three of their O&O xlters--W61AA in Fort Lauderdale had some problems with the I.D. wheel sticking on, continuously breaking up the video; it was also off the air for several days before I finally called them, the first to do so. Lately its strength has been greatly reduced so that the more distant W64AA which is actually in Boca Raton, not "north Ft. Lauderdale", comes in best here in Tamarac. I don't mind, as on 61 I have a chance at DX from other directions, w/c.c.i. probably from W61AP (WTOG-44) Okeechobee w/a little tropo. W69AA Hollywoods weak but constant. WCIX says these are very old units, difficult to keep operating properly due to spare parts problems, and since they are going to lose at least two of them to new IPTV or high-power stations, they're not eager to invest much in them. Possibly they will replace with one or two newer higher powered xlters on other channels. I can't seem to get away from WSWN--most of my time in Knoxville it was a semi-local in Norton VA on ch.47 (though hardly anybody in Knoxville knew about it or watched it), but the call was sold to Miami's ch.7 while Norton settled for WSEN. WPLG-10 seems to be more subject to c.c.i. from WTSP, Tampa, than the other Miami V's are from their next station north. Plauidits to WPLG for airing CBS News Sunday Morning which no other Miami station will touch. WPEC-12 is bothered in my neighborhood by the second harmonic of the local 102.1 FM station. Also, logged at various times with limited tropo are WEDU-3, WXFL-8, WFTV-9, WINK-11, WTUV-13. Local U's: WLRN-17, despite a recently dedicated new broadcast center, seems the least pro of the lot, consistently running up to a minute late; degraded video and audio; only takes PBS leftovers not carried by WPBT-2, or delayed after WPBT broadcast. WLTV-23 I really enjoy, and hope the next place I move has an SIN outlet. It's nice to get Televisa. The WLTV s/on has an old film of Havana, including a quick glimpse of the CMQ building. There are also imports from various parts of Latin America, notably "Sexcitan-te" (showgirls exceeding Benny Hill in daringness), from "Para Gente Grande" and "Siempre en Domingo" are very good, on Sundays. WFLX-29 is (was?) to be commended for its 8:00 movies with only two commercial interruptions; they recently went 24 hrs with "Odyssey" rock videos. Newest station in the market, WFSF-33, "Florida's Super Station" came on strong, and I understand has been quickly eclipsing the other indies in the ratings. Also has gone 24 hrs except Mon. & Tues. mornings. Fortunately, I can still get WTVX-34 when I need some CBS program WTVJ has bumped, but not free of WBFS qrm except when tropo is up. WDZL-39 averages 30 minutes later signing off as their "Big Movie" with a live host (Big Wilson) moved back to start at 12:30. WXEL-42 still doesn't sign on before noon; and has had audio hum problems. WHFT-45 and its preachers I avoid like the plague, but at least it's easy to spot its images with the almost constantly supered pair of phone numbers. WKID-51 went dark last fall and WSCV-51 started testing this spring. They would be on for days at a time with color bars, usually with I.D. in various styles; then off for days at a time. They're supposed to be giving WLTV-23 a real run for their money in the Spanish-only market, but by the end of April still hadn't begun any programming. Semi local U's: WBHH-20 when snow-free has crisper NBC video than W-TV and WSWN, and sometimes is satellite-delayed by comparison. WEVU-26 dropped "Eye on Hollywood" at midnight, which I enjoyed mainly for their travelogues away from Hollywood, CA, replacing it with a dull local talk show. WSPF-30 is a good back up/alternative for the other three PBS stations I get, but they have a real defeatist/think-small attitude, not listed in Miami Herald TV magazine which does carry other Fort Myers market stations, and they

don't care to be. Has a lot of telecourses out of WUSF-16 (which I've yet to see due to WLRN-17, local land mobile qrm, and relatively limited sked). I could use a WTOG-44 translator a bit closer than the two I get sometimes, W21 AB Ft. Pierce (seldom clear), and W27AE Sebring (110 mi.) often good, not to be confused with image of WTOG-44 itself. Some of the following somewhat more distant central Fla. U's I probably won't report as DX in the future. Although I have seen some Es c.c.i., nothing I.D.ed yet, and all logs here are tropo (including a couple of V's on rabbit ears). Mar. 11, 2300: WJKS-17 (local WLRN-17 usually off by 2300), WAWS-30, "Twilight Zone", c.c.i. to WSPF (which in April dropped "Late Night America" in favor of "Today in the Legislature", also carried on all Florida public TV stations through May at the expense of more entertaining but possibly less important fare) and WNFT-47, all Jacksonville (285 mi.). Also WFL-35 Orlando (170 mi.)--I assume this is not suppose to signify "awful", and WMOD-43 Melbourne (130 mi.). April 23 after midnight with WNFT again, all night movies; WJKS-17, in solid. 0115, ch.69 rock videos w/20 c.c.i. to weak Hollywood xltr; I thought this must be LPTV W69AY Gainesville (260 mi.), which I had seen featured on a local program, but later there was an ad for fishing in Georgia, much more likely from Atlanta (590 mi.), corroborated by the following though no other Atlantans were seen. 0130 WNGT-41 Macon GA s/off (0510 mi.). 0148 WYF-55 Leesburg FL, preacher w/305 area code; 0208 "Family 55 Prayer Line" 200 mi.; seldom seen since; low powered? 0205 WJKS-17 s/off 285 mi.; 0212 WLTX-19 CBS Nightwatch (recently dropped by WTVJ); 0215 I.D. and "We've Got the Touch" jingle; 0229 W27AE Sebring w/WTOG I.D., reminding me that earlier there was c.c.i. on ch.44 itself--Valdosta? And that a quick check of VHF earlier showed WESH-2, c.c.i. on 5 & 6 & 12--no doubt WLTV-12; 0233 WJXT-4 285mi. "Nightwatch" after WTVJ s/off; 0234 WCSC-5 460mi., CBS "Nightwatch", lower mod than WJXT, audio only; 0239 WCSC-5 editorial, "Live 5" news promo. 0248 W21AB w/c.c.i. apparently relayed from 44; at first thought I had another 21; 0310 WJCL-22 415 mi., traces at first; 0329 Gene Autry movie 0332 I.D.; 0312 WCCB-18 630 mi., movie, ad mentioning "in the Carolinas"; 0315 record offer; WLTX-19 Afghan offer; 0340 WPCQ-36 630 mi., 3/4 c.b. w/I.D., music; stayed on until 0530 s/on, missed it; 0415 WCCB-18 I.D. super on "\$6 Million Dollar Man"; another I.D. at 0419; 0510 WKLT-40, only 155 mi. but usually blocked by WDL-39; g.b. w/I.D., 2 tone tone.; s/on 0528. 0500+ 18, 19, 22 weaker, but 19 holding up best. 0520 WESH-2 c.b./TT/I.D. 185 mi. 0535 WCIV-4 460 mi tentative, 3/4 c.b./TT, believe CHARLESTON across bottom, c.c.i. WJXT; 0536 local WBFS-33 on.; 0540 WCCB-20 260mi., c.b. w/triple city I.D.; Gainesville-Lake City-Ocala. 0544 WLTX-19 still in with CBS; 0545 WJKS-17 on with c.b., 0548 s/on; 0554 WOLO-25 545mi., c.b., I.D.; 0558 WISG-31 450 mi., I.D. slide and open carrier; 0612 classical music; 0617 quick audio s/on caught me by surprise, into cartoon, 0629 I.D. slide has circled 31 in lower left, no call letters or other wording visible; farm program; indie? There might have been more than locals, but all the locals now on, and I had to get some sleep. 2300 more of the same; 2305 WESP-51 Ocala 230 mi. ending news capsule, "Solid Gold". Better get this one while I can! April 24, 0030 WGL-52 Cocoa 145 mi. s/off. 0745 WNFT-47 still in; wx report says fog in Jacksonville; 0750 WOLO tent.. April 26 0630 WAWS-30, WNFT-47; 2345 WMAH-19 615 mi., "Great Performances" Bach, had 0 c.c.i. from further east, no doubt WLTX-19, both +; 2357 ending, 0001 Job Service announcements from Meridian; 27th 0010 WMAH-19 joint s/off; frantically looked for parallels. 0009 WPMI-15 560mi., St. Jude appeal, 0033 movie, 0052 Pensacola ad, 0054 I.D.; 0102 super I.D. 2 minutes late, 0140 I.D. 0232 s/off includes shot of xmtr bldg. 0019 WPAN-53 470 mi., wrestling; 0030 I.D., "24 hrs", into "Odyssey". 0100 super I.D. as Fort Walton Beach-Pensacola-Mobile, 0124 ad for "Wizard" FM station, 0128 99-FM ad 0130 s/off (despite earlier 24 hr announcement), giving Midway FL as xmtr site (but the only Midway on my map is just NW of Tallahassee), USAF SSB; 0025 WOLO-25 tent.; 0031 WLTX-19 ad for WOIC-1320; 0108 WPCQ-36; 0112 WJTC-44 tent.; 0117 WOWL-15 tent.; 0136 & earlier, c.c.i. on WEVU-26, which s/off at 0147, leaving weak stn apx same direction w/movie, likely New Orleans 670 mi., but never could I.D.; was same offset as WATU; 0151 WATU-26 520 mi., 0200 s/off; 0230 WLTX-19 and WOLO-25 snow free; 0241 unid-42, N.; 0245 WOLO-25 after Joker's Wild into USAF "Aim high" with hymn, jet fighter, no formal s/off announcement, into brief c.b./w/call before signing off. 0250 WJCL-22, PSA's separable from St.-Pete, same offset; 0300 WCCB-18 I.D. in "Moonlight Theatre"; 0302 unid-26 N., starting "All Night Movie", no I.D.; thought WATU s/off an hour ago. 0330 WPCQ-36 "Let's all be there" jingle; opening continues but I sleep. April 28: 0710 WTSG-31 tent.; Herbert W. Armstrong, north; 0800 I.D. 0710 WABW-14 PBS // to WACS-25; 0729 I.D. on 14 amid land mobile qrm. 0715 W27AE heavy c.c.i. to WTOG xltr; 43 & 51 also in. Distances are rough, measured on maps without researching transmitter sites; revisions welcomed. Thanks to John Combs, the only person responding so far to my TV Guide exchange request. Everything

Eastern TV-DX

Hauser; continued---

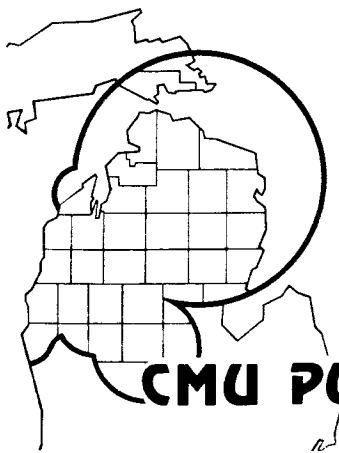
June 1985

possible has been taped (VHS), but the VCR tuner is a lot more subject to local mixing product blockage; also color slides "live" or off the tape (like when WLTX had a split-second I.D.). Tuning the VCR keeps my thumb busy, and tuning the Zenith TV keeps my screwdriver busy--as well as my notepad r.e. what I have on each of the 6 UHF tuners. My other Zenith TV, which has a turret UHF tuner and is unfortunately less sensitive, but has its own pattern of image problems.

Thomas J. Yingling Jr.; 221 Pinewood Rd., Baltimore MD 21222-2345 EST?

Table with columns for dates (Oct. 1984, Nov. 1984, Dec. 1984, April 1985) and station call letters with frequencies and program details.

Here's my belated report from my last in 9/84. I got surprised to see Es on 10/20. I got some good I.D.'s for my video I.D. tape. After the skip died down I saw the same weather map on CNN cable as I saw on Es from WREG-3! I've been busy with computer to do any DX, & since conditions weren't good anyway I wasn't missing much. Besides, that the computer bothers the TV set. 73's.



WCML WCMU WCMW WCMV W46AD W69AV

6 14 21 27 46 69

ALPENA MT. PLEASANT MANISTEE CADILLAC TRAVERSE CITY LELAND

CMU PUBLIC TELEVISION 9) PBS

SOUTHERN FM DX

Danny Buntin 1312 N. Skyline Stillwater, OK 74075

DEADLINE: 10th

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

MORE GOOD TROP FROM THE SOUTHWEST

Large table listing FM DX reports from the Southwest, including station call letters, frequencies, locations, and signal strength.

Not much Es this time around; a minor opening to old Mexico on 2/11. Some very good tropo on 3-2 and 3 to east Texas. 3-8 also good, with KELA the highlight. KSEM another semi-local with an excellent signal here. KLSF not as strong as KGNC 97.9. 73's

Table listing additional FM DX reports, including station call letters, frequencies, and locations.

4/3 tr	2322 WPAF 92.5 FL Panama City, ID	285	4/17 tr	0229 KQXY 94.1 TX Beaumont, ID, m	275
4/4 tr	0002 WTYX 94.7 MS Jackson, "94-TYX"	525	0254 KYKR 93.3 TX Port Arthur, ID, k	280	
0019 WTKX 101.5 FL Pensacola, ads, TK-101	685	0927 KLUX 89.5 TX Robstown, r, ID	125		
0031 WQWV 107.3 FL Pensacola, ads, WQW-107		0933 XHSRO 92.5 NL Monterrey, slogan ID	275		
0037 WFGSt 89.3 FL Pensacola, g		1002 KDCY 97.7 TX Gotulla, area ads, ID	80		
0047 WKJN 103.3 LA Hammond, ads, ID	490	2205 WCKW 92.3 LA Laplace, "River Parish Radio" slogan ID	495		
"Cajun-103"		2230 WRKF 89.3 LA Baton Rouge, ID	450		
0100 WRKF 89.3 LA Baton Rouge, wx	450	4/18 tr			
0150 WYNK 101.5 LA Baton Rouge, k, ID	450	0021 KJEF 92.7 LA Jennings, ID	360		
0202 KQXY 94.1 TX Beaumont, ID, m	275	0028 KSMB 94.5 LA Lafayette, ID	395		
0215 WGGZ 98.1 LA Baton Rouge, ID, Z-98		0036 KYKR 93.3 TX Port Arthur, ID	280		
0251 KTDY 99.9 LA Lafayette, ID	385	0192 WONO 89.9 LA New Orleans, s/off	510		
0252 KTIZ 96.9 LA Alexandria, ID	395	0107 KTIZ 96.9 LA Alexandria, wx	385		
0257 WUSF 89.7 FL Tampa, ID	985	0116 KTDY 99.9 LA Lafayette, ID	395		
0405 WNNF 88.5 FL Tampa, r, ID	985	0130 KLEFI 89.1 LA Ruston, r, ID	410		
4/5 tr		0132 KVNE 89.5 TX Tyler, wx, ID, g	280		
0623 KYKR 93.3 TX Port Arthur, ID, k	280	0143 WYNK 101.5 LA Baton Rouge, ID	450		
0624 WCKW 92.3 LA Laplace, wx	495	0149 KMDL 97.7 LA Kaplan, ID	380		
0630 KQXY 94.1 TX Beaumont, ID, m	275	0156 KQXY 94.1 TX Beaumont, m, ID	275		
4/16 tr		0213 KYKS 105.1 TX Lufkin, "Kicks 105"	265		
2239 WTKR 92.1 TX Kenedy, ID	65	1818 KUFO 97.9 TX Odessa, ID	275		
4/17 tr		1825 KNFM 92.3 TX Midland, ads, ID	280		
0040 XBT 94.1 NL Monterrey, town ID	275	1827 KWES 102.1 TX Monahans, area ad	295		
0111 WFTN 92.5 FL Key West, ID	1090	1831 KBAT 93.3 TX Midland, k, ID	280		
0214 KJIC 89.3 TX Pasadena, SS, g, ID	205	4/22 tr	13		
		2200 KESI 106.7 TX Terrell Hills, Star 106, r			

Very good trop Apr 3-4. Concentrated on the UHF TV in early a.m. so likely missed a few s/on class A's. Local 106.3 made its move to 106.7. Found out its old class A xtr located about 4.5 mi. nw of me. Luckily the new 100-kw is about 12.5 mi. sse of here. 106.3 previously vacant Aug 72-Aug 79. No sign of the dreaded 89.1 100-kw NPR outlet yet. A rather ominous lack of ES (even TV) so far this season. 73.

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

#### DXING IN THE OKLA. WICHITAS

After doing without FM DX for so long due to poor to non-existent conditions, I decided it was high time to do something about it by departing 5/9 for a DXpedition to parts never visited before the Wichitas, the 2nd highest mountain range in Oklahoma, located in the southwest part of the state. Near the end of the long drive I came to the town of Apache where the Wichitas first start springing up on the distant horizon with 2465' (or about 1200' above valley) Mt. Scott being quite prominent, whose summit was my destination. Also in Apache for the first time during the trip I admired some mighty impressive deep fringe TV antenna systems. Upon arrival to the top of Mt. Scott shortly before dusk, I found the view remarkable, somewhat comparable to that available from Pikes Peak, nothing but plains stretching out in one direction, all mountains in the opposite direction. Enough of the pretty view, what is reception on FM like up there? The best loggings as noted between 7:50 and 9:10 pm were: KEZA 107.9 Fayetteville, AR 220 mi., KISR 93.7 Ft. Smith, AR 240; KEMH 92.1 Commerce, TX (also KETR 88.9 in Commerce) 185; KEAN Abilene, TX on 105.1 185; KVNE 89.5 Tyler, TX 255; KNCT 91.3 Killeen, TX 260; KNDQ 93.7 location unknown, perhaps Lubbock, TX; and best and most surprising of all KLRE 90.5 Little Rock, AR 350. I suspected I had KUT of Austin in (it's closer) until KLRE IDed. As dusk tuned to darkness I noted that I had parked in such a way as to get an impressive view of the city lights of Lawton, Oklahoma's 3rd largest metro city. In driving through that city I noticed with surprise how little or no overloading there was from the 3 local FMs. I guess the xmitters and/or frequencies are positioned in such a way that prevents overloading. There was no overloading at all at the top of Mt. Scott. I probably could have logged more had my car FM had better selectivity. I hope someday to return to Mt. Scott much better equipped.

On the trip back home while going through Oklahoma City noted with interest was the quality of KKLR's (Edmond) translator serving the south metro area as advertised on TV. The translator seems to have excellent outreach with the first faint signs of the signal coming in while about 18 mi. from the southwest edge of OKC. Oklahoma City means overload city to my car FM and during the drive through south OKC it became easy to understand why KKLR would want to locate a xlator in south OKC, so close to the main station's primary circle. Because in south OKC main KKLR is rather frequently disturbed by a strong spur on an adjacent channel while the 107.1 xlator remains untouched by interference. Reception like this keeps up until in central OKC where I-35 meets I-40, then overloading renders both channels unfit for listening. Here KKLR's slogan "Clear Stereo" means only a sarcastic joke. More on KKLR's xlator next month and a look back to 1980 that monumental DX year.

XXXXXX

FAR-TV  
NEWS

# PHOTO-NEWS

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U.S.A.

BETTER TV

27  
WKBN-TV  
YOUNGSTOWN, OH 44501

We continue from last months photos sent in by Jeff Kadet-Macomb, IL

WKBN-27 Youngstown, OH  
510 mile tropo from  
June 15, 1984

KDSD-16 Aberdeen, SD  
525 mile tropo from  
August 24, 1984

2 KUSD-TV VERMILION  
8 KESD-TV BROOKINGS  
6 KZSD-TV MARTIN  
9 KBHE-TV RAPID CITY  
10 KTSO-TV PIERRE  
11 KUSD-TV LOWRY  
13 KPSD-TV FAITH/EAGLE BUTTE  
16 KOSD-TV ABERDEEN

KGMC-34 Oklahoma City,  
OK 510 mile tropo from  
August 24, 1984

SOUTH DAKOTA PUBLIC TELEVISION

WVEU-69 Atlanta, GA  
575 mile tropo from  
September 19, 1984

34

CHANNEL 69  
Atlanta, Georgia

