

# From The STAFF

**F2 SKIP STARTS TO PRODUCE VIDEO DX...** Many TV DXers had anticipated it! There have been numerous mornings of strong signals into eastern North America in the vicinity of 48.25 MHz, and some days of 49.75 MHz video sync as well. On many of the same days, western North American enthusiasts noted New Zealand and Australia signals on 45.25 and 46.25 MHz. A few WTFDAers report actually viewing 625-line pictures. The big problem with this rare type of skip so far this season seems to be its unique kind of multipath ghosting, "like an E-skip signal on steroids" in the words of an observer. Signal strength can often be remarkable. Co-channel interference is another problem, compounded by the fact that quite a few North American utilities still operate narrow-band FM transmitters near the frequencies in concern. The real challenge for TV DXers now seems to be in identifying the signals--which can be done. Upcoming issues will no doubt contain more details--and hopefully some interesting photos! At this writing, we've had no word of F2 skip reaching North American channel 2 (55.25 MHz) yet, but it seems inevitable now, considering recent 50-51 MHz activity!

**FOR FM QSL HUNTERS...** National Radio Club has produced a new edition of their FM STATION ADDRESS BOOK. If you're an avid QSL (verification) collector, we strongly advise that you get a copy! The U.S.P.S. is very likely to return a DX report to you as "undeliverable" these days unless you have the station's address exactly correct. This handy listing can save you the hassle of having to obtain the data via a long distance phone call to the DX station or a trip to the nearest library with a copy of BROADCASTING YEARBOOK. NRC collects data on FM station addresses in conjunction with work on their AM RADIO LOG, the best reference to the AM radio band we know of. See page 39 for info on ordering this great reference.

**BITS...** December's issue of the American Radio Relay League's magazine QST (which can be found in many libraries) will feature an in-depth study of the fantastic March 1989 auroral conditions. The amateur radio data that has been amassed tends to prove what FM and TV DXers already suspected--it was on a par with the best auroral events ever observed on VHF.

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# FM NEWS

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Contributions solicited in the worst (or is it best?) way!

## Readers' Reports--A VUD Exclusive!

Morris Sorensen, active in more than one DX club, says, "re your Oct. column, p. 3, 'Stereo or to be Stereo' CKLP 103.3 is stereo and always has been as far as I know. Add me to the list of fans of your FM Atlas. I plugged it in the October issue of my 'Domestic Broadcast' (AM-FM-TV) column in DX Ontario as one of my two most frequently consulted references for domestic DXing--the other being NRC's AM Radio Log." [Thanks, Morris, I appreciate that kind of publicity--b.e.]

"Delete my name if quoting me [writes a contributor]: A comment that's overdue from me is: I can't believe someone would bitch about you making money through WTFDA. My feeling is: If you offer products or books to make our DXing easier or maybe helpful, then I'll gladly part with my money! Other DXers, too, would agree that they greatly benefit because of your fine work. Bruce, make as much money as you want from us! Don't worry about some 'person' who thinks otherwise! Keep up the great work! Ninety-nine point 99 percent of we WTFDAers appreciate your toil!"

Keith Pugh wonders if WTGA-FM 95.3 Thomaston GA may have new calls. He only partially heard it in mono "with tinny distorted audio. Format seemed fm; wasn't ks for sure." Both Keith and George Rogers heard a mystery 102.7 testing with no calls or ID, seemingly from the Chattanooga area. A pirate, or tropo? Keith said it had stereo and played a John Denver album over and over. Later in the same letter, Keith reports hearing the new WMQQ 102.7 Springfield KY in stereo, "Oldies 102," so I wonder if this is the mystery station thought to be in the "Chattanooga area," or is there a pirate?

Matt Sittel sent station news and writes that he enjoyed meeting me at the convention. "The best to you and your family." He was one of five so far to order the TV Factbook from my ad of last month. I wish I had more to sell; VUD classifieds get results! You might want to check ad agencies, TV stations or libraries for 1987 or 1988 copies which might be otherwise discarded. The same goes for "Broadcasting Yearbook," with the added prospect that radio stations might be donors.

"Please renew my subscription to FMedial for another year," writes James J. Nahriniak. "Check for \$18 enclosed. You mentioned in the November VUD that your subscription could go as high as \$45. If the price goes much higher, I think I will drop it."

"In some markets, AM radio is not yet dead. San Francisco's AM successes can be explained by the terrain that causes all kinds of problems for FM reception, especially in cars. But Detroit's flat topography is ideal for FM, yet AM stations are still popular. There are only five AM stations programming to Detroit with decent day and night signals (WJR, CKLW, WWJ, WCXI and WXYT). Only WCXI, with a limited appeal classic country format and FM competition from modern country WWWW is having ratings trouble. WMTG 1310 Dearborn, weak or nonexistent on the east side, is up to a 1.9 with a mostly satellite-delivered 'classic soul' format. This is good enough to beat out five full-power commercial FM stations." Thanks to Paul Gaines for the picture of Brenda Matthews.



As the caption reads, "From 7 p.m. to midnight on WWWW 106.7, it's the Brenda Matthews show. She's been at the station since last year," having come from WLHT in Grand Rapids.

John Ebeling has "tried many times to get your translator--no such luck. Frequency (103.9) is dominated by WAKX translator. Even tried GE Superadio in null areas of WAKX; no luck." He sent bucks to renew FMedial for two years. If it folds before that, subscribers could be out some dough! I don't encourage more than one-year subscriptions. John also sent an article about Muzak and how it's being done more directly via satellites than over FM-SCS. So far no FM stations I know of have discontinued Muzak in favor of satellites.

Bill Nienajadly has sent a report to club HQ on modifying radios and tuners for more selectivity. The report has gotten me interested in doing these modifications, and I have ordered 10 180 kHz ceramic filters to experiment with, but Bill warns that increased selectivity could affect how well the radios handle SCA, particularly at 92 kHz. I worked on a British Denon tuner that would get 67 kHz SCA well, but its 150-kz bandwidth did not permit 92 kHz SCS reception. Selectivity, despite the tuner's narrow FM bandwidth, was terrible. No improvement over other popular tuners or even receivers for DXing, I'd say. I read a report on tuners in a recent VUD. My comment is that some receivers can be good, too. My 1969 Fisher 500TX is still almost as good as most modern tuners, and with it I have an amplifier. After 20 years it still performs quite well, despite many repairs by John Ebeling and modifications I have done to it.

Bill N. confirms WHCR \*90.3 New York as monophonic. With his selectivity modifications Bill addresses the issue of sound quality. "With the exception of a bit of loss of bass, a bit higher in tone (treble), other than that, who except an audio critic is even going to notice? This modification won't help image problems and the modification might not be as dramatic in some radios as in others. But it does work for me, and others would likely benefit. It's well worth looking into! Maybe you could get \$\$\$ modifying radios for DXers?" WLTW 106.7 calls its format "soft rock," not "elevator music," in an article Bill sent. He asks "what's wrong with New York city?" when a station like WLTW can't be true to its format and be "b" if it wants to be--better than being "lame," right, Bill?

Fred Vobbe took me up on an offer, and I sent a taped interview for him on reel-to-reel at 19 cm/second for the NRC "DX Audio Service," which goes out to blind DXers. Sending some much-appreciated news from north FL was Debra Oliver, who works at a hospital in Fort Walton Beach. She has been getting skip, and sent some TV news which should go to Bill Fahber.

Mike Cherry: "The CRTC is about to call for applications to clog up yet another unused Class C frequency to serve greater Vancouver. I don't know yet what applications have been prepared, but as a consultant to stations with eclectic and unusual formats, I sure hope it isn't more boring, lame AC, pop, rock or whatever combinations can be thought of. My research shows a bad need for a commercial classical music station, as KING-FM (available on cable) is the only choice other than CBC's stereo service, which takes a more highbrow, less accessible approach that tends to focus on entire works as opposed to excerpts, or a more variable playlist. I shall certainly consider intervening in the event Vancouver gets bombarded with more of the same ol' formats. Incidentally, I was sorry to learn in October's FMedial that the demise of KFAC into KKBT was more than just a rumour. Sad, very sad indeed. . .



As a specialist in reggae and Caribbean music I have been involved in the co-production of the weekly reggae shows hosted by George Barrett (winner of several awards for 'Reggae DJ of the year') on CFRO 102.7 'Co-op Radio' and CJTR 101.9 both noncommercial stations in Vancouver. I have finally been persuaded to commute to Vancouver weekends to co-host the 'Rockers' reggae show with George, Sundays noon to 3 p.m. Pacific time. . . Incidentally, Bruce, for all your readers whining about the lack of IDs by Canadian stations, I am making it a strict practice at the top of the hour to ID fully: 'CJTR 101.9 Vancouver/U.B.C.', so hopefully that'll keep DXers quiet for a while. I must also refute the statement by a contributor recently about the so-called death of reggae music. To the contrary, the music is very much alive and well and has in the last few years received a needed injection by the style known as 'dancehall reggae'. It is indeed true that reggae is long past its heyday and has ceased to be a fad since the mid-70s. . . One last comment on the CBC's final entry into Victoria BC. The West Coast Media Watch Society, probably the most persistent pressure the CBC has had in regard to service for Victoria, has issued a statement praising the CBC for finally putting 92.1 on the air; however, they claim it isn't enough. They want the CBC to establish local studios, with the ability to provide separate programming from the main stereo service (105.7 Vancouver). They are also insisting that the CBC establish a full-service AM station to rebroadcast the AM service with local origins. The CBC seems to be committed to eventually bringing the AM service to Victoria as their government allocated budgets will allow; however, Bruce, I am hard-pressed to think of a frequency to establish said service on. The AM band is completely full here with much clutter and adjacent channel problems already in evidence.

Now that KFAC has quit the commercial scene on L.A.'s 92.3, W. R. McIntosh writes that KKGO-FM 105.1 will be going to c fulltime Jan. 1. "That's good news to all of us who missed KFAC 92.3, and bad news to those who liked KKGO's long-time all-jazz format. I suspect there is more money and prestige in classical music than in jazz. They don't seem to be having any trouble selling commercials in their present parttime classical music hours." Mc also sent articles on KJOI 98.7 dumping b in favor of "soft vocals and light jazz," and how KOST 103.5 with its "soft hits" format is doing so well, it's at the top of the Los Angeles ratings. KOST, according to Arbitron, has gone past rival KPWR 105.9.

Nick Lombardi says there was something about KFAC in the October 30 Insight magazine, and on p. 13E of the Oct 23 USA Today, and I heard a mention on the 'NBC Nitely News' about it. "I have mixed feelings regarding your plans to raise the annual subscription price to FMedia! for individuals. . . After all, they can see basically the same information (albeit a month later) in the VUD for only \$17!"

Philip Michael Martin sent some tidbits, including WSKO-FM 97.9 beating out all Spanish competition in the NY market. "WNCN [104.3] bears listening; they have a very up tempo morning show, with AC formats but still classical music."

KSTN-FM 107.3 Stockton is still mono, "currently broadcasting spurs on about 105.2 and 109.4. Earlier I complained to the FCC about spurs at 105.6 and 109.0, overlooking another at about 103.9," writes John Jefferson. "Too bad I don't count spurs as loggings-I'd have a couple dozen from KSTN-FM alone by now. . . nowspanning 105.3-105.7 and 109.0-109.3 as continuous garbage."

Hank Holbrook sent some fascinating news on NB and NS stations, gleaned from his DXing from MD, and from a verification from CBAF Moncton. "This brings questions to mind": CBAF Halifax is not operating on 92.3 with 100 kw. Is it on some other channel; is it not yet on the air, or is the verification writer mistaken?

Ralph Strobel: "The VUD is certainly late this month [October]. Did you get the tape I sent you? I purposely put 93.7 KRAI-FM Craig CO on the tape and calls sound like KRAA to Bob Zent, Dave Brumfield and myself. What do you think?" I agree, so I called KRAI-FM, and talked to the owner, who said they never have been KRAA. It must have been the way the announcer said them. The owner claimed KQZR 102.5 Craig is deleted, and then got suspicious of me as I asked more questions about his operation and his former competition. "What about WXTS 88.3 Toledo? I hear WXTS, don't you?" Yes, I do. "Keith's [Pugh] tape is very interesting! His March 13 aurora is fantastic! I've never heard aurora that was so audible, yet the static proves it was definitely aurora. He has 10 stations by Es from Jamaica. In next Atlas could you list stations from Cuba and Jamaica? Do you know their call letters and frequencies?" [Nope, I've lost track, and don't intend to reinstate Cuba, Haiti, Dominican Republic, Jamaica, Central America, Bahamas, Bermuda, etc., but will keep St. Pierre & Miquelon in-b.e.]

Ben R. Wilkie sent a report on what he heard going to Albany from Geneva (NY). "By the way, since I last wrote, I changed hours at WNYR [98.5 Waterloo NY] to that of morning drive, something I thought would never happen. Haven't yet seen anyone log us in at any great distances. We could get a power increase by 1990."

This cartoon feature sent by Bill Nienajadly:

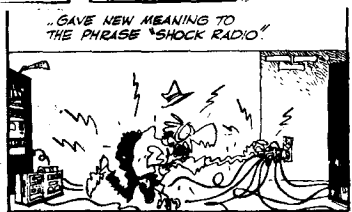
**MOTLEY'S CREW**



OCTOBER 18, 1989 - WHILE SETTING UP MAN-IN-THE-STREET INTERVIEWS, RADIO TALK SHOW HOST DR. MIKE MOTLEY...



"GAVE NEW MEANING TO THE PHRASE 'SHOCK RADIO'"



Ernie Wilson, in his "Experimental Broadcasters Newsletter," quotes from FMedia! in a couple of places (Sept-Oct. issue). He says "Panaxis is gearing up for a specialty computer bulletin board service. We'll feature programs for electronics and radio experimenters, including amateur and broadcasting topics. . . The majority will be for IBM compatible computers (DOS); however, Apple, Mac, Atari, and Commodore programs may also be available. Subscribing rates are \$50 for a year, or \$20 for a 30-days trial. The BBS is scheduled for full operation on or before Dec. 1, 1989."

Finally, from today's mail, DXer Ernest Cooper writes: "I gather you don't react too favorably to suggestions, but nevertheless let me make one or two. I feel the term 'lame radio' is insulting to those of us who like what during our younger days was then known as popular music. It might also be a put-down to anyone who is physically handicapped to have music described as 'lame'. With the amazing things computers can do these days, it would seem to this 100% zero technical-minded person that it would be only a matter of

pushing a few buttons to insert the type of programming a station has in the 'by frequency' portion of the FM Atlas. Case in point: There's an E-skip opening into the Southeast. I tune to 92.1 and hear several stations bouncing in and out with one another. [Brownian motion?-b.e.] One is carrying sports, one has music, another r and another m. If the type of programming were shown under the 92.1 listing, it would give me a hint as to what we might be hearing-not a positive ID by any means, but a clue as to the identity of the station. As it is now, I'd have to go back to the by-state listings, and after seeing what towns are on thta channel, finger through FL, GA, AL and SC to get that info which is needed pronto. See what I mean? It would be so much more important to DXers than the \$ sign (which is on almost every entry anyway!). Besides, we can see if the stereo light goes on on the receiver.

"I am with WOMR 91.9 [Provincetown MA] as a nonpaid volunteer deejay with concert band music and marches [definitely not 'lame'-b.e.] for an hour on Saturday morning and host of Lower Cape Concert Hall on Mondays from 1 to 5 p.m., and I also do a weekly 15-minute interview show, 'Community Profile.' Our little station is in serious trouble financially, what with the 'Massachusetts Miracle' turning out to be a huge \$720 million deficit, and they are threatening to eliminate the Bureau of Arts and Humanities, from which we have derived about a third of our financing. . . Thank God Dukakis didn't become president! We'd probably be the 11th province of Canada by now. . . Thank you for all the work you do in keeping us informed as to what's going on in the FM world."

Now onto news that partially filled my FMedia! newsletter last month. Look also for the fresh feature, which is getting more popular each month, in which I cull tidbits from the previous month's VUD, called "See Also."

**New FM Station, Translator Grants**

- Selected translators only; more are in my FMedia! newsletter
- CA Granada Hills (W. R. McIntosh's town, which is about 3.3 km NE Northridge) K202B1 \*84.3 (KCSN 88.5 translator)
- CA Pleasanton KFOG-3 104.5 300-watt booster of San Francisco station
- CO Evergreen 96.5 affirmed 1987 grant to Evergreen Radio Broadcasting Partners (99-000 h.v.; 466 m, d- [directional antenna])
- CT Bridgeport WRK1-295.1 250-w booster of Brookfield station [Fort Myers]
- FL Clewiston W213AF \*90.5 (WJAY 88.7/FL Dogwood Lakes Estate (30-51.567; 85-47.75, between Bonifay and Caryville) \*91.1 700 h.v.; 55 m, g, Shady Grove Baptist Church
- GA Crawford 102.1 3000h.v.; 100 m, GA Family Radio of Education
- ID McCall \*91.7 970 h.v.; 573 m, ID State Bd./

- IL Lynville (39-41-13; 90-20-45, just west of South Jacksonville) 107.1 3000 h.v.; 100 m, Jordon Bcstg. [m, Adlai E. Stevenson 4
- IL Mahomet (Champaign) 105.9 3000 h.v.; 100/IN Austin 96.3 3000 h.v.; 100 m
- IA Des Moines 107.5 50000 h.v.; 110 m, Ronald Sorenson, to be fr, on in about two years
- IA New Hampton KCZE 95.1 3000 h.v.; 100 m
- KS Fredonia 104.1 3000 h.v.; 100 m
- KS Hutchinson 97.1 2700 h.v.; 105 m, KWHK
- KS Lamed 106.9 3000 h.v.; 100 m
- MA Athol WCAT-FM (AM is in Orange-Athol) 99.9 3000 h.v.; 100 m, PBS Bcstg. [Bcstg.
- MI Grand Rapids 98.9 3000h.v.; 100 m, Hailth/MI Republic (Springfield) 99.5 3000 h.v.; 100 m
- MT Ennis KKHJ 98.7 50000 h.v.; 80 m
- MT Whitefish K219BN \*91.7 (KUFM 89.1 Missoula) [89.3 Norfolk]
- NE Columbus K212AV \*90.3 (translator of/NE Hastings (transmitter Giltner NE) \*89.1 64300 h.v.; 329 m, NE Ed. Telecom. Commis-sion [47500 h, 100000 v; 286 m, NECT
- NE Lexington (transmitter Atlanta NE) \*86.7/NE Norfolk \*89.3 42300 h.v.; 300 m, NECT
- NV Eiko \*91.5 100 watts h.v.; 218 m, Northern NV Community College [Ray Reeves
- NV Laughlin 107.9 17000 h.v.; 578 m, Jackie/NM Roswell KWFL \*99.5 3000 h.v.; 22 m, g, R. Christian Center
- NY Frankfort (Utica) 94.9 50000 h.v.; 150 m
- NY Old Forge 94.1 3000 h.v.; 100 m, Ross Bcstg.
- NY Pleasantburgh \*91.9 380 h.v.; 260 m, NE NY Public Telecom. Council [on air
- OR Bend K201BP \*88.1 (KWAX 91.1 Eugene)/OR Black Butte Ranch K206AV \*89.1 (KWAX)
- OR Coos Bay K288CW \*105.5 (KWAX)
- OR Newport K220CX \*91.9 (KWAX)
- OR Sunriver (20.5 km SSW Bend) K213BH \*90.5 (KWAX) [He's Alive, Inc.
- PA Macontown \*106.9 3000 h.v.; 100 m, g/PA Renovo WMHU 93.1 3000 h.v.; 100 m
- SC Williston 94.7 1300 h.v.; 153 m
- TN Harrogate 96.5 3000 h.v.; 99 m, JBD, Inc.
- TN Jackson \*90.1 17000 h.v.; 161 m, Memphis Community TV [m, Smith Bcstg.
- TN South Pittsburg 97.3 27000 h.v.; 188/ TX Kilgore \*88.7 7000 h, 10000 v, 122 m, K. Jr. College [m, Koinonia Bcstg.
- VA Hot Springs WBHA 107.1 160 h.v.; 429/ON Maynooth \*89.3 130 h.v.; CBC, CBL AM Toronto relay [of Wingham station
- ON Meaford K2KNX-FM-104.9 5 watts h, relayer/PO Amos/Val d'Or \*91.5 34400, Radio Nord, to relay new Rouyn-Noranda station
- PQ Grand-Vallee 92.7 CJMC- 15 h, relayer of Sainte-Anne-des-Montes station
- PQ Joutel 92.5 CHAD- 5 watts h, Radio Nord, relayer of Amos PQ station
- PQ Marsoui 92.9 CJMC- 15 watts h
- PQ Matagami 94.9 20 h, CHAD-
- PQ Mont-Louis 92.7 CJMC- 15 watts h
- PQ Murdochville 92.9 CJMC- 92.9 50 watts
- PQ Rouyn-Noranda \*90.7 16000 h.v.; R. Nord
- PQ Sorel CJSO 101.7 on air in \$, 3000 h.v. Its 1320 AM is "deleted." CJSO has a variety of music and talk, including rock, easy listening, gospel and classical. "I am not sure how long this station, which is commercial, is going to last. Nobody can tolerate all that variety!" Unlicensed New
- ON Ohsweken "CFNC" 103.9 ar, 10 watts, Six Nations Indian Reserve and/or New Credit Indian Reserve (they're adjacent, located southeast of Brantford), stereo status not known. "It's unlicensed at this time, but follows CRTC guidelines. Run by Grand River Communications Society."

**Call Letters Assigned**

- AL Brentley 104.3 WHTA
- AL Enterprise 96.9 WDJR (from WLHO-FM)
- AL Linden 102.9 WBAN
- AL Oxford 97.9 WKFN

- AL Vernon 106.5 WJEC ["The Fox," r
- AK Anchorage 100.5 KBFX (KENN-FM),/AZ Cottonwood 105.7 KVRD-FM
- AZ Douglas 96.5 KOUD
- AZ Eagar 92.5 KVAO
- AZ Yuma \*88.9 KRRO
- AR Glenwood 104.5 KWXE
- AR Greenwood 106.3 KZKZ-FM (KZKZ)
- CA Bakersfield 107.1 KTFE
- CA Barstow \*91.3 KSMN (KRCB)
- CA Central Valley 98.3 KNCCC (KICB)
- CA Grass Valley 99.3 KJFA
- CA Greenfield 98.5 KZKZ-FM (KSUR; AM is in Soreled). Now \$ (terse), classical fulltime, signs off by midnight. KSUR-1 Pebble Beach also on, but not K228CU Carmel Valley. "Good coverage from Salinas to Paso Robles on US 101.
- CA Kings Beach 107.7 KBCH-FM; AM is in Lincoln City, OR. Facilities to 750 watts h.v.; 199 m.
- CA Kingsburg 106.3 KJET
- CA Lenwood 104.9 KIQD
- CA Los Angeles 105.1 "KKGO"-FM (KKGO-FM; AM in Heperia gets new calls and goes all jazz). KKGO FM to be all classical by Jan. 1
- CA Los Gatos 95.3 KYAY (KATD), KJouxy
- CA Manteca 96.7 KVFX (KIZS), "The Fox," still r (CHR)
- CA Mariposa 103.9 KHRA
- CA McFarland 102.9 KSUV (KXEM-FM), mono, 1 [Latin/Spanish], AM-FM simulcast
- CA Merced 106.3 KDAT (KBVC)
- CA Modesto 102.3 KJSN (KFIV)
- CA Ojai 105.5 KKUR (KMYY)
- CA Randsburg \*89.7 KGBM
- CA San Bernardino 95.1 KFRR (KQLH)
- CA Santa Barbara \*88.7 KFAC (KSCA), an acceptance of "altruistic" legacy of KKB 92.3 Los Angeles' changing of calls and format from classical. Now known as "FM-92." Is it "altruism," or a selfish motivation to keep the KFAC call letters from going to a commercial station competitor? "The local media have been full of articles about the loss of KFAC 92.3 classical music programming. I have spared your circular file since there was more heat than light. . . KKGO 105.1 (which in an earlier incarnation was classical music) has been a jazz station. They've now changed to classical, hiring Tom Dixon who had been with KFAC 92.3 for 41 years to head up their classical music efforts."
- CA Santa Cruz 99.1 KLRS\*-FM (KLRS; AM gets new calls). This station, which has its transmitter on Loma Prieta at the epicenter of last month's earthquake, not damaged.
- CA Temecula \*88.9 KRTM (KRRR)
- CA Yuba City 103.9 KXCL (KXEZ), said to be one of the worst cities in America to live in!
- CO Colorado Springs \*89.7 KEPC (KTLF) \*90.5 KTLF (KEPC) [New calls]
- 10.9 KKCS\*-FM (KCS-FM; AM gets/CO Silverton 107.3 KOZZ
- CT Norwalk 95.9 WEFX (WGMX), "The Fox," rp. "Heh! A lame station bites the dust! A welcome change!"
- FL Key Largo 103.5 WZMQ (WVNB)
- FL Lafayette 99.9 WQHI (WKXJ)
- FL Lehigh Acres 107.1 WCKT (WOOJ-FM)
- FL Marco 92.7 WGUF
- FL Melbourne 107.1 WADA (WVTI)
- FL Orlando 105.1 WQMX-FM (WOMX)
- FL Port St. Joe 93.5 WMTO
- FL Sarasota 106.3 WSRZ-FM (WSRZ)
- GA Clayton 104.1 WLFA
- GA Folkston 92.5 WQKF
- GA Fort Valley 97.9 WREG
- GA Leesburg 103.7 WIKX
- GA Millen 94.9 WMKO
- HI Aiea 107.9 KTSS
- HI Kekaha 103.3 KAUI
- ID McCall 101.1 KMCL



FCC—FM "Inferior" Quality of AM Militates Against It

PA Smethport WORM 106.3 (monophonic) TX Livingston KETX-FM 92.3 (still on 92.1/ Deletions) CA Laura K216AX \*91.1 (replaced by K212AR, see "Facilities," above) CA San Luis Obispo K222AA 92.3, "no longer needed" (see above, "On," Paso Robles) CA Santa Cruz K207AR \*89.3, replaced by K212AR Laurel. "Perhaps KLEL San Jose objected. They had ample grounds to do so, as K207AR poured a Class-A equivalent signal into KLEL's coverage area." CA West Hollywood KMAX-2 107.1, "application for renewal of license dismissed" CO Craig KQZR 102.5, "They folded" MS Jackson WWCJ \*89.3 NT Bozeman K224BQ 92.7 NT Great Falls K240BH 96.9, K276CV 103.1 NT Helena K214AE \*90.7, K2224B 92.7, had been licensed in 1978, but "was not ever heard" locally NV Henderson K257BU 99.3 had been licensed in 1983, but "has not ever been heard" locally OR Ashland K221AW 92.1, had been a CP/OR Tri City K224AV 92.7, K244BC 96.7, K252BB 98.3 PA Mansfield W212AE \*90.3, frequency taken over by WCII \*90.3 Elmira NY "I admire your work in FM radio, and am thankful for being able to take advantage of your expertise. I look forward to receiving the radio with modifications, and the FM Atlas." FM Mistakes, FM Atlas-12, FCC—FM CA Nubieber 95.9 KVIPt, town misspelled p. 75 map CO Delta KKL 95.1 add \$ symbol to p. 104 FL Crestview WAAZ 104.9 add \$, p. 181 GA Albany WUNY \*91.7 add \$, p. 106 IL Springfield WQNA \*88.3 add \$, p. 143 KS Independence KIND-FM 101.7 add \$, p. 174 KY Leavenworth KCVW 99.9 add \$, p. 109 KS McDaniel's WBF1 \*91.5 add \$, p. 150 KY Morehead WYMR-FM 92.1 add \$, p. 110 KY Murray WBLN 103.7 (not 101.7), Oct. p. 14, col. 1. LA DeRidder KEAZ 101.7 add \$, p. 174 LA Jonesboro KTCC-FM 104.9 add \$, p. 181 MD Baltimore WBVO \*96.7 add \$, p. 111 WHVY \*96.7 remove \$, p. 111 MO Branson KRZK 106.3 add \$, p. 185. FCC proposes to change its channel to a C3. MO Houston KUNQ 99.3 add \$, p. 169 MO Ironton KYLS 92.7 add \$, p. 114 MT Great Falls KGPR \*89.9 add \$, p. 147 MT Kalispell KOFI-FM 103.9 add \$, p. 115 NE Imperial KKEI 103.1 remove \$, p. 178 NV Ely KBXS 92.7 add \$, p. 154 NY Sidney WCDQ-FM 100.9 remove \$, p. 117 NY Jumper Lake WRGR 102.3 add \$, p. 176 OH Bellevue WNRN 92.1 not "Belleville," as on p. 40 map OH Ironton WOUL \*89.1 add \$, p. 145 OH Millersburg WKLM 95.3 add \$, p. 160 OK Lawton KDLI 94.3 add \$, p. 157 PA Kane WLM 103.9 add \$, p. 120 TX Big Spring KBST 95.3 add \$, p. 160 TX Galveston KRTX 104.9 add \$, p. 182 SC Services, 67 and 92 kHz Abbreviations are as in the "FM Atlas" (Selected only; more are in FMedia)

IA Davenport KUUL 103.7 FM, 67; "Cool FM," r (oldies) on main channel (167 kHz) MA Cambridge WRRB 95.3 tE (ethnic, Italian, MN Austin KAUS-FM 99.9 tT, MN Talking Book for the Blind, 92 kHz. "We had only been on a translator in Austin before." MN Fergus Falls KJKJ-FM 96.7 tT, MN State Services for the Blind, 67, tU, 92. MN Northfield WCAL-FM \*89.3 no 1, 67 kHz. PQ Montreal CKUT \*90.3 applies for SCMO CFQR 92.5 tX, 67 CBM-FM \*93.5 tX, 67, not talk CHOM 97.7 no SCMO; had tX, 57 kHz PQ Quebec CBV-FM \*95.3 no SCMO (had tT, 67 kHz) "Virtually all the FMs in Montreal are stereo; virtually all fail to identify on any regular basis, but 'catchy' pseudo-IDs can be heard. Only a few (four out of 24) of the FMs have SCA. . . Keep up the great publication; I'm enjoying FM more than ever." NonIDs, Not Just Slogans AL Montgomery WBAM-FM AR Mammoth Spring KAMS 95.1 K Country 95 (not "Stereo 95") CA Grover City KWCD 107.3 All New CD-107 CA Long Beach KNAC 105.5 Pure Rock 105.5 FL DeFuniak Springs WQUH 103.1 Q-103 FL Riviera Beach-West Palm Beach WMXQ 94.3 The Mix, adds Boca Raton to ID list FL Tampa WFLZ 93.3 Power-93 (not "Z-93"), r IL Chicago WXRT 93.1 93 XRT Radio, "only sporadically using WXRT call" "WJMK 104.3" despite (Roger Winsor's) to the contrary, use of call outside legal ID is still rare—uses "Magic 104" ONLY on all jingles, as well" IA Cedar Rapids WMT-FM 96.5 96% FM LA Kaplan KMDL 97.3 K-Middle LA Shreveport KWKH-FM 94.5 Radio Ranch (from "The Country Ranch") ME Boothbay Harbor WCME 96.7 Light and Easy 96.7 ME Brewer WKIT 100.3 Kit 100.3 (from "Rock 100") ME Farmington WKTJ 99.3 KTJ or "Katie J" ME Rumford WWMR 96.3 no nonID, saying "96.3 WWMR" ME Saco WHYR 95.9 R-96 (from 96-HYR) ME Sanford WCDQ 92.1 92-CDQ ME Portland WTHH 102.9 no nonID, no longer using "FM 103" MI Alpena WHSB 107.7 HSB-108 MT Billings KIDX 98.5 Magic 98 (from "FM-98") MT Helena KMTX 105.3 StarStation 105 NY Buffalo WJYE 96.1 no nonID, slogan always used with call letters NY Poughkeepsie WRNQ 92.1 Q-92 OH Columbus WNCI 97.9 NCI OK Oklahoma City KLTE 101.9 Classic Hits (from "K-Lite 102") PA Saegertown WEOZ 94.3 no nonID, saying "Magic 94.3 WEOZ," ID list includes Greenville-Elinboro-Titusville PA Sharon WYFM 102.9 Light Rock 102-9 TX Abilene KORQ-FM 100.7 Q-101 TX Cotulla KDCY 97.7 La Brava 97.7 FM, Spanish rancheras in mono TX Dallas KQZY 105.3 Star 105.3 (strict), from "Cozy 105.3" TX Mineola KM0Q-FM 96.7 Double O./ TX Wichita Falls KQOV 103.3 HitRadio QV-103, now all r (CHR) WA Seattle KSEA 100.7 (listen carefully) is K-Sea 101 FM, not "KC-101" WI New London WQZZ 93.5 no nonID NS Sydney CKPE 94.9 K-94 FM (from "Cape County 95") PQ Magog CIMO 106.1 Still Seem-Oh. ("Star Cent St." refers to a program that is on once a week—not a station slogan. PQ St. Georges-de-Boucoue CIRO 99.7 Le Four Country (strict; "dropped IDs"). BJ Tijuana XHITZ 90.3 Z-90 (to be listed on the

December, 1989 CA map, FM Atlas-13) [FM Atlas-13 XETRA-FM 91.1 91-X, to be on CA map.] Multi-City IDs in Use CA Mojave KAVS 97.7 with Lancaster CO Alamosa KRZA \*88.7 with Taos NM IL East St. Louis WSNL 101.1, again giving its ID with St. Louis MO, still "Sunny 101" (strict), m [Lexington, S, S KY Nicholasville WCKU 102.5 with/ LA Shreveport KITT 93.7 adds Bossier City LA MA Framingham WVBF 105.7 with Boston MN Waseca KOWO-FM 92.1 with Owatonna NJ Lincoln WJBX \*90.5 with Middletown NM Albuquerque KIDI 103.3 with Santa Fe SC Seneca WBFM 98.1 with Greenville-Anderson TN Waverly WVRV 105.1 with Clarksville-Dickson, s/r (earlier report claimed k format) TX Dallas-Fort Worth KERA-FM \*90.1 with Danton [drops Lake Charles LA TX Orange-Beaumont-Port Arthur K10C 106.1/ VT Lyndonville WVLR \*91.5 with St. Johnsbury-Littleton (NH) WI Watertown WFFF 94.1 with Madison, "but garbles the official city of license, so new Madison-area listeners won't know where it's coming from. New transmitter site—way west to Deerfield WI—helps give it a coverage area as good or better than the established metro-Madison FMs." Now "94.1 Fox FM," not strict, "even on billboards." Earlier reported ID with Oconomowoc. AM Happenings Most Likely Caused by FM (Selected) AK Anchorage KABN 830 (Long Island AK) KENI AM 550 "pulled out of bankruptcy several months ago when a new owner purchased the station." It is the AM affiliate of KBFX, "The Fox," 100.5. GA Smyrna WQXI-FM 94.1 retires Gary McKee, morning dj for 18 years, and Jerry Blum, 57, general manager. Station's ratings had slipped badly in the last two years. Article summarizing history of the station makes no reference to WHXI AM after the 1970s, when dominance shifted from AM to FM. ID Idaho Falls KTEE 1260 off air MA Boston W5Z AM 1030 "continues its gradual decline," dropping from a 5.9 in the spring to a summer 5.4. Midday host Paul Perry fired. WHDH AM 850 may let Larry Glick, 67, go. He has 2 1/2 more years on his \$200,000/year contract; may be replaced by Pat Whitley, conservative talk show host. WIDL 1330 AM failed to pick up much of the country audience after WBOS 92.9 dropped the format, and is changing to comedy/show business news. "HWROR FM moved its exact format to WSSH AM, tell me how many people would still listen to it?" The inference is that not many would, given the inferior quality of AM. NJ Somerset WBWR 1170 announcing it will "go off soon. . . is only 500 watts daytime with lame-like format." Some formerly-paid nonIDers now volunteering their time to keep WBWR on. NY Brockport WASB 1590 AM was off the air, with former employees making publicity about not getting paid, news out of back on. "When we got our checks it was kind of a footnote to get to the bank. Theoretically, whoever got there first could get whatever money there was." "I visited WASB. . . It is as bad as they describe; the format is now country and classic hits. The staff is made up of two teenagers, the phone is disconnected, the signal is abysmal. WBSU is on \*89.1, but I'm not sure if they are at full power or not; the signal was sort of weak. WBKT (the remaining Brockport station) was on an 89.3, but their signal was poor, even for a 10-watt Class D."

FCC—FM

OR Cave Junction KIVR 1400 silent VA Colonial Heights WPVA AM 1290 silent WA Spokane KRSS 1230 silent WA Vancouver KVAN AM simulcasting with KNJK 106.7 Lake Oswego-Portland OR "My favorite part of FCC news is AM Happenings. I am most pleased to see redundant AM stations going by the wayside. "FM has a few weaknesses, but they're piddling compared with the woes of AM. That's why FM has turned AM into wind radio all over the world. Turn on the FM and you get music—in stereo. Turn on AM and you get yak-yak. Even AM stereo has all but disappeared. Nobody wanted it. It was a typical airhead idea: Take something that sounds bad out of one speaker and make it sound bad out of two," writes Al Fasoldt in the Sunday "Star Ledger," Newark NJ.

FM Rulemakings

See this summarized in my FMedia newsletter, now more expensive than ever for DXers to subscribe to. The DXers' rate is \$25/year, up from \$18/year. If you haven't subscribed to FMedia by now, chances are you never will, so enjoy this VUD column, which I will allow to only summarize what my other rag has!

What Howard Says, by Howard Enstrom, Editor, "The Signal Source," A Magazine About FM Translators and Low Power Broadcasting

That sign "AM Fights Back!" Grrr. Is it hype for solidarity? Or the secret weapon AM interests used to fight FM and Armstrong in the '30s? That was dirty.

I am not anti-AM, but I am pro-FM because it is a superior technology. I'm concerned for AM owners, having been one. But many engineers share my view that AM stereo and anti-skywave antennas offer little hope.

Read my stories about Armstrong and FM's struggles, how AM moguls tried to kill FM, how the FCC, mandated by Congress to foster development of broadcasting, dealt with the issue, how FM just got started in the 45 mhz band, when WWII halted everything. Then, after the war, the band moved to 100 mhz, and the overshadowing, public mesmerizing effect of TV.

But beautiful FM and its marvelous black boxes called translators are here. And all shook up, are the same moguls who, with the entertainment industry, have done so much to cultivate a taste for sleaze in the defoliation of values for a whole generation. The fallout is broadcast and printed as ugly news.

NCE-FM service, secular and religious, now has the opportunity to efficiently expand its realm of influence for a better way. The Commission gave fair hearing about NCE-FM alternate signal delivery, and has demonstrated that it views public service through a wide-angle lens.

WLLZ Detroit Fined \$2000; Mason City Station Target of FCC Indecency Inquiry

Marking quite a change from earlier years when it was Christian station WBF, Detroit's "Wheels," WLLZ 98.7, has been hit with a \$2,000 fine for indecency. The AI Sikes FCC has come down on Legacy Broadcasting, licensee of WLLZ, which has an agreement pending to sell the station to Westinghouse, Group W, for \$385 million (along with six other FMs). WLLZ is charged with broadcasting the song "Walk With an Erection." Song goes to the tune of, "Walk Like an Egyptian,"

Get an (old) FM Atlas for \$3.05!

the lyrics to which can be found on p. 41 of the October 9 Broadcasting. Neither WLLZ nor Legacy principals were willing to discuss the matter with the media. DJ Ted Nugent of WLLZ is said to be "lewd, crude and gross" in his utterances. The Detroit Free Press: "The Constant Listener" wondered in print if the station will "opt for more tasteful humor."

Also hit with an indecency complaint is KLSF-FM 106.1 Mason City IA. A minister, Robert Brunk, wasn't pleased with a sexual joke about the late Liberae during the morning show. The FCC has asked the station for a response, and may take action against the station.

Other Small-Print Happenings and FM Industry News

NAB has asked the FCC to clarify its rules allowing certain Class As to increase to 6 kw. It applauded the FCC for its "selective" approach to Class A upgradings. The NAB wants the Commission to clearly define how a "short spaced" station might qualify to increase its power. At it again is a NJ group, now re-dubbed the United Class A Broadcasters, which wants the FCC to give blanket approval to the 6 kw upgrades. They're confident of eventual 6 kw across-the-board boosting of Class A powers, but see present rules as unnecessarily slowing down the process.

The FCC has just announced over 500 Class As with clear minimum spacings will be able to go to 6 kw automatically, having only to file FCC Form 302 within 10 days after implementation. About 800 other Class As won't be able to immediately file for the upgrade, and another 450 along the Canadian and Mexican borders will have to wait until treaties are signed. The list just came out, and I expect to print it in this month's FMedia! Also in FMedia last month were reports of how Hurricane Hugo and the San Francisco earthquake affected various FM stations.

The FCC granted the application of Royce International to renew the license of KWOD 106.5 Sacramento CA, and denied the competing application of Wang Communications.

Low power FM: A "talking billboard" in Williamsport PA on 101.5 promotes cellular telephones, and can be heard by motorists driving along West Third street, from Hepburn to Market streets. The 32-second message from United States Cellular includes a telephone number for a 30-day free trial. In Jonesville WI, the FCC fined one Matthew Gross \$750 for operating an unlicensed transmitter on 88.1. Because no U. S. attorney was present, the equipment was not confiscated. The pirate operation, "WZLX," featured heavy metal music. Jones Interchange, CATV, supplied equipment used in tracking down the miscreant.

Bob Watson, technical director of MN's Talking Book For the Blind SCA service, notes that there are not enough FM stations available to deliver reading services to all the people who need them in the country. And there is reluctance for stations that are available to provide the service. Watson notified me of two commercial and one public station in MN that have recently embraced his service. Wisconsin is using it parttime off the satellite, and he was not aware of that. If you're a broadcaster and want to see what an SCA reading service can do for you, Eric Small at Modulation Sciences donated a Sidekick generator to the Association of Radio Reading Services. ARRS member stations, and possibly others, can borrow the unit on a one to two month trial. For more information contact Charlotte Cassidy-Mann or Elmer Fischer, Ohio Educational Broadcasting, 2470 North Star Road, Columbus OH 43221; (614) 644-1714. Classical music magazine "Ovation"

ceases publication. This has affected stations like WCRB 102.5 Waltham MA, which distributed its program guide in the rag. PowerDuPre Broadcasting has formed a group of translator operators to oppose the NAB, and fight for on-air origination by the illitigious translators. Notably, Gerry Turro has made news for his plea to originate programming 24-hours a day on his W276AQ Fort Lee NJ. The new American FM Translator Association is for FM translators, while the other older National Translator Association is oriented toward TV. John LaTour of Power DuPre has a toll-free number, (800) 544-6969. Paying a buck for a radio station—that's Tim Cutworth, who spent that sum for off-air KURA Ouray CO. Cutworth hopes to parlay old equipment he's saved from high school to help bring the KURA operation up to par, and will automate the station with one fulltime employee, who will act as manager, ad salesperson and sports reporter, plus parttimers. He rescued an unidentified "bankrupt" station in Denver for 11 months, and feels he can pull KURA out of its slump. KURA had stereo on 104.9, so it's hoped he can bring it back with that feature. FCC station count: 4695 AM stations and 4240 FM (commercial) licensed and 1407 FM translators. From the classifieds: Director of engineering, BA, Salary: Mid thirties Send letter, resume, names of three references to Dr. Richard Bullington, chair, search committee, Boise State U., 1910 University Drive, Boise ID 83725. EOE. Tim McCartney must have left. Development director for former museum station. Fulltime, fundraising, promotion, outreach. Letter and resume to KVMR, PO Box 1327, Nevada City CA 95959. EOE. Want to buy Sequerra 1 FM tuner with scope, working condition only, P. Madnick, DTG, 5743 Cora St. 207, Westlake Village CA 91362; (818) 706-3338. A DXer? Class A FM and 10 kw AM daytime priced for quick sale in Price UT. J. Dart; (801) 637-0863. Want to buy FM transmitter for high school or gladly accept donations. J. Mangold, KTBD, 100 Champions, El Paso TX 79912. Most back issues of the "FM Atlas" sold, except for some of the 11th edition, \$9.95; and the 1973 Second edition [reprint], \$2.50 plus .55 S&H. For out-of-print editions only, Carol ran off photocopies of the introductory essays. These range from two pages in the First edition, 1971, to 10-12 pages in many of the other editions. Each can be ordered at \$1.50 per edition. Get all nine of the out-of-print essays for a package price of \$8.75, or order the ones you may be missing. Writes a DXer-reader: "Wow, what a difference from the 1973 FM Atlas (which I just received) to the present. A LOT of stations weren't on the air then. What station is crowding now! More readers should get your back issue 1973 for historic value to see how much different things were back then! Very interesting!" Until next month in the VUD, 73, [Signature]

# Television news

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DECEMBER, 1989

## APPLICATIONS TO CHANGE EXISTING FACILITIES

ST	CH	ERP	AATm	CALLS	CITY
FL	28	1250	228	WPGX	Panama City (mp)
PR	12	275	665	WOLE-TV	Aguadilla (cp)
PR	44	250	372	WVED	Aguadilla (cp)

## CHANGES GRANTED STATIONS ON THE AIR

FL	Jacksonville; WJKS, ch. 17. I don't know what ails these figures, anyway. Station was granted a CP three years ago (see 11/86 VUD), which is probably still active. So why is this station being given another permit instead of a modification? Was the other permit constructed and licensed already, or did it just expire? Maybe John Combs can help me on this. Anyway, the new CP calls for 4680 kw max ERP; 304m AAT/298m AG/309m ASL; DA BT. Which isn't all that different from either the license or prior permit.
FL	Panama City; WPGX, ch. 28; granted MP to reduce ERP from 1936 kw max to 1250 kw max; same TL and height.
IN	Gary; WYIN, ch. 56; granted license to cover cp for new station; minor changes reflected in this license: 1350 kw max ERP; 306m AAT/297m AG/517m ASL.
MI	Grand Rapids; WOTV, ch. 8; granted CP to raise ERP from 282 kw to 316 kw max; reduce antenna height 13 meters to 302m AAT/296m AG/546m ASL; same TL.
OR	La Grande; KTVR, ch. 13; granted CP to reduce ERP from 12.9 kw to 7.20 kw; 797m AAT/71m AG/2195m ASL (reduction of 6 meters); same TL.
PA	Wilkes-Barre; WBRE-TV, ch. 28; granted CP to rebuild its wrecked tower; ERP to be reduced from 4120 kw max/2290 kw hor to 3020 kw max; 509m AAT/248m AG/890m ASL (35 meters lower than former tower); same TL.
VA	Roanoke; WBRA-TV, ch. 15; granted CP to increase ERP from 631 kw max/283 kw hor to 3112 kw max; 628.5m AAT/75m AG/1215m ASL (6 meters lower); same TL.
WA	Tacoma; KSTW, ch. 11; granted CP to raise antenna 79 meters to 363m AAT/273m AG/399m ASL; same ERP (316 kw) and TL.

## APPLICATIONS FOR NEW TELEVISION STATIONS

ST	CH	ERP	AATm	CITY/APPLICANT
MT	20	15	130	Billings; Echonet Corp. (amended)
TN	26	1232	149	Knoxville; Channel 26 Ltd.

## APPLICATIONS DISMISSED

CA	Eureka; ch. 29; Charles M. Lohr.
MT	Billings; ch. 6; Mark L. Wodlinger.
NC	Greenville; ch. 14; Coastal Plain Television Inc.
TX	Houston; ch. 81; Alliance Broadcasting Co.; Houston Family Television Ltd.; SMJ Television Co.
WA	Seattle; ch. 45; Duane Tomko; Seattle Channel 45 Broadcasting Inc.

## CONSTRUCTION PERMITS GRANTED

ST	CH	ERP	AATm	CITY/APPLICANT
CA	29	1451	511	Eureka; James & Sharon Deon Sepulveda
MT	6	100	146	Billings; BHC Associates
NC	14	5000	457	Greenville; Karl Holbrook Stoll
TX	61	5000	596	Houston; Urban Broadcasting Systems
WA	45	5000	393	Seattle; Allen E. Hom

## CONSTRUCTION PERMIT CANCELLED

ST	CH	CALLS	CITY
KS	44	KXSK	Salina

## APPLICATION TO MODIFY CONSTRUCTION PERMITS

ST	CH	ERP	AATm	CALLS	CITY
WA	51	5000	329	KBEH	Bellevue

## CALL LETTER APPLICATIONS: EXISTING STATIONS

ST	CH	CALLS	CITY/APPLICANT
AL	45	WCCS-TV	Montgomery; WHCF-TV
FL	28	WFXD	Panama City; WPGX
NV	4	KRNV	Reno; KCRL
SC	40	WLQA	Anderson; WAXA
TN	39	WEMT	Greenville; WE10
TN	16	WMTU	Jackson; WJMT

## CALL LETTER GRANTS: NEW STATIONS

ST	CH	CALLS	CITY/APPLICANT
AZ	4	KZJC	Flagstaff; WTVV Inc.
CA	13	KZJG	Glavis; San Joaquin TV Improvement Corp.
CA	29	KZJA	Eureka; James & Sharon Deon Sepulveda
CO	35	KZJG	Longmont; Longmont Channel 35 Inc.
FL	58	WDRG	Bunnell; Bunnell Communications Inc.

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DECEMBER, 1989

FL	58	WARD	Fort Walton Beach; Clement B. Boe
FL	32	WYIH	Key West; Penny Drucker
FL	57	WFXL	Live Oak; WFRK
FL	25	WDFB	Orange Park; Day Television Inc.
GA	23	WDFJ	Dalton; Dalton Television Associates Ltd.
IA	39	KZJR	Newton; Newton Broadcasting Co.
IA	50	WRFI	Ashland; Video Image Productions Inc.
KY	49	WRKA	Hampden; MacPherson Broadcasting of Kentucky Inc.
ME	35	WMLA	Louisa; Kennebec Valley Television Inc.
MA	48	WYIN	Wareham; Wareham Educational Corporation Inc.
NJ	67	WDRZ	Atlantic City; Garden State Communications
NY	51	WYDM	Batavia; Pulsar Video Inc.
NY	48	WYDC	Lorning; Rural New York Broadcasting
NC	14	WYDD	Greenville; Karl Holbrook Stoll
NC	64	WDRH	Kannapolis; Community Action Communications Inc.
NC	4	WQZI	Manteo; Manteo TV Associates
OR	28	KZJD	Eugene; State of Oregon Commission on Public Bond.

PA	53	WDOA	Williamsport; Williamsport TV Associates
PR	52	WDFZ	Carolina; R. y F. Broadcasting
TN	41	WYDL	Union City; James Curtis Guthrie
TX	54	KCFP	Austin; Balcones Bcg. Ltd.
TX	16	KCEC	Eagle Pass; Juan Wheeler Jr.
TX	65	KZJJ	El Paso; UNZJC Communications Ltd.
TX	61	KZJL	Houston; Urban Broadcasting Systems
TX	16	KIPC	Lubbock; Lubbock TV 16 Broadcasting
TX	36	KZJF	Paris; G&D Communications Inc.
TX	11	KEIT	Sonora; Lower Broadcasting Corporation
VA	65	WYDD	Blacksburg; Southwest Virginia Television
WA	45	KHCV	Seattle; Allen E. Hom
WI	68	WYDI	Fond du Lac; Skycom Inc.

I find it peculiar that there be this sudden surge of call letters, particularly a few blocks of alphabetically adjacent letters (WQZ-, KZJ-, WYD-) for totally unrelated stations. It appears that the FCC must have adopted a new policy of assigning call letters to all its construction permits that have not yet applied for call letters.

## CALL LETTER GRANTS: EXISTING STATIONS

ST	CH	CALLS	CITY/APPLICANT
CA	23	KAEF-TV	Arcata; KREQ
CA	23	KAEF	Arcata; KAEF-TV
NM	48	KZIA	Las Cruces; KASK-TV
TN	30	WLMT	Memphis; WMKW-TV
VA	27	WGNT	Portsmouth; WYAH

## NEW STATIONS ON THE AIR

AK	Anchorage; KDMD, ch. 33z, went on the air 9/1/1989; 5000 kw max ERP; 30m AAT/161m AG/480m ASL; TL NE 1/4 of section 6, Township 12 North, Range 2 West, Anchorage; coordinates 61°09'57"/149°41'02"; BT HOR; independent station; address: KDMD Television, 3435 Reka Drive, Anchorage AK 99508.
HI	Hilo; KWHH, ch. 14z, went on the air 10/1/1989; 13.2 kw kw ERP (not quite enough to reach mainland USA); -170m (below) AAT/44m AG/46m ASL; TL 71 Banyan Drive, Hilo; coordinates: 19°43'51"/155°04'11"; independent station, address: Le Sea Broadcasting Corp., Box 1400, Honolulu HI, 96817.
HI	Waikuku; K06G, ch. 15z, went on the air

TX	3/20/1989; 750 kw max ERP; 1723m AAT/18m AG/2972m ASL; TL Mount Haleakala, about 32 km (20 miles) southeast of Waikuku; coordinates 20°42'34"/156°15'54"; FBC affiliate, satellite of KHNL, ch. 13, Honolulu. Conroe; KTFH, ch. 49z, went on the air 6/1/1989; 5000 kw max ERP (according to latest CP; but recent MP application called for 4082 kw max); 359m AAT/356m AG/401m ASL; TL north of State Road 2090, 12 miles southeast of Conroe; coordinates 30°15'45"/95°14'50"; independent station; address: San Jacinto Television Corp., 256 N. Belt Drive, Suite 49, Houston TX 77060.
TX	San Antonio; KVDA-TV, ch. 60z, went on the air 9/10/89; 1471 kw max ERP; 456m AAT/457m AG/617m ASL; TL 2.5 miles east of Calaveras Lake, Bexar County; coordinates 29°17'39"/98°15'30"; independent station; address: Nueva Vista Productions, 6234 San Pedro, San Antonio TX 78216.

## FORUM

Gonna be a real short column this month! With the FCC's freeze on television applications, there has been a big drop in applications for new stations and applications dismissed. Although I haven't reported consolidated hearings for several months, they have also been on the decline. Within the next year or two, if the freeze is still on, we will see a sharp decline in permits granted and new stations on the air.

Mail has also been light this past month, with only a few letters. So here we go.

RICHARD STEINBERGER (Hudson MA) sent in an article from the 10/9 *Marlboro Enterprise/Hudson Daily Sun*: "WHRC-TV went off the air at 1:30 p.m. Sept 21 and has been dark ever since. The fledgling independent station's future remains up in the air. Phone calls to the station's Cambridge (Mass.) sales office and the Channel 46 transmitter site in Foxboro went unanswered last week. Station owner Alan Lidow could not be reached for comment at his Los Angeles office.

"Channel 46 maintained a local staff of about 12 people. Employees said they were told they still have jobs, but were asked to 'be patient' as management regrouped. E. William Henry, Lidow's Washington, D.C.-based attorney, said that the FCC was advised that WHRC was off the air and planned to resume broadcasting in the 'near future.' Henry said the station did not cite a reason for going dark, though other sources pointed to financial problems."

"Lidow moved Channel 46's transmitter from Norwell to Brockton in April 1988 and jacked up WHRC's power to about 1 million watts. At that time, a varied program schedule was introduced...." "Channel 46 went off the air last December to relocate its transmitter to Foxboro. That move did not pay off. A balky generator there repeatedly knocked the station off the air." "The station has yet to secure a permanent tower site to permit it to go to full power, or as Lidow put it, from 'Middle 46' to 'Big 46.'"

"WHRC is the second TV station in the region to go dark this year. The Flatley Company's WNHV, Channel 21, halted its telecasts from Concord, N.H., on March 31 due to cash flow

problems."

**ED FADER** (New York NY?) sent an article from the 9/14 *New York Times* which reports on an interesting development in the cable industry: a cable television station. "To compete with traditional broadcast television stations, Time Warner Inc. is transforming a channel on the cable system it owns in Rochester into an independent station, programmed with network reruns, sports and locally produced children's shows. Cable systems carry broadcast stations along with channels available only on cable. The debut of WGRC-TV on Cable Channel 5 in Rochester, scheduled for a week from today, is the first time that a cable operator, which charges subscribers a monthly fee, has created a station to challenge local broadcast stations, which are available free to all television owners."

Ed asks, "where did these calls come from." Anybody can give himself or herself a call letter. For example, the Women's Christian Temperance Union goes by the call letters WCTU. The World Wrestling Federation uses WWF. Potassium Sulfate uses K2504.

**BILL NIENAJADLY** (Clinton NJ) writes, "WBRE Ch 28 Wilkes-Barre PA is much stronger here. The audio is always there, but the video is weak...weird!" (audio ERP is usually 10% to 25% of video ERP. Maybe video isn't quite up to full power yet.) "But 94 miles to the xmt from Clifton NJ is pretty good, considering a meager 24 bay with 18 dB amp is my modest equipment. Every NJ and NY DXer sez chg. 38 from Scranton is weak. Not here! They're stronger than 2 & 28! 16 & 56 are the weakest here, 38 Scranton comes in better than 29 Philly!"

"What are the calls & power of W59?? xtr of WVIT-30-CT? See them a month ago & another NJ DXer further away seen them too." It's W59AA; 1 kw TPO, but only 809 watts ERP.

**JEFFERSON E. LEWIS** (Kansas City MO) confirms my suspicion as per last month's column on NEW STATIONS ON THE AIR, reporting on KFAA, Rogers AR. "I had just returned from a visit to my family home in Fayetteville, Arkansas." As per a phone call to John Phillips, one of the two engineers at KPOM, KFAA channel 11 has its tower on Fitzgerald Mountain, a Springdale, Arkansas, along the Washington/enton County line. It is 190 feet above the top of the mountain and a fraction of an inch short of 460 feet above average terrain (140 meters, as mentioned last month. -wbf). Its ERP is 203 kw picture, 20.8 kw sound. Mr. Phillips also reported that they are presently directional east and west, with calls to the north and south so as to protect Missouri and their mother station in Ft. Smith, channel 24. However, they are in the process of applying for a permit to go omnidirectional since their present antenna just did not do what they thought it would.

**MICHAEL PARKS** (Amarillo TX) sent in a lot of information. "It now appears that the demise of KXLI-41 and KXLT-7 was all for naught. As had been reported, none of the proposed

Minnesota Independent Network (MIN) stations made their scheduled air dates and after several months of claiming they were just too busy with 'bigger fish to fry,' KTKA-23, which was to be the flagship station, finally admitted that the plan had fallen through. The revelation came as a result of KTKA-TV filing Chapter 11 bankruptcy last August. The owners hope that the debt reorganization will hold their creditors at bay long enough for them to arrange more financing. Part of KTKA-TV's financial problems stem from poor ratings which are actually a bit lower than KXLI's were during their financial crisis a few years ago. KTKA-TV hopes to boost the sagging ratings by promoting local talent but the only thing to have shown up so far are a couple of locally produced home shopping shows. About 15% of their schedule consists of paid commercials that disguise themselves as programming. They've lost much of their syndicated programming due to nonpayment. Seems to me they're chasing away the few viewers they do have as they shift their schedule around without notice every couple of weeks; you just can't trust their listings in the TV Guide any more. Maybe everyone concerned would have been better off KXLI with its slightly deeper pockets and somewhat better ratings had been chosen to be the MIN flagship station. But rumor has it that MIN might have fallen through anyway. It seems several of the investors in KXLI were happy with the station as was, and were not at all happy about KXLI's plan to go in with KTKA-TV.

Incidentally, Bill, in your March column, your comment that KXLI/KXLT are owned by Halcomm, Inc. is correct; however, you were incorrect when you stated that the stations were no longer owned by L.E.O. Broadcasting of Mr. Goins. Halcomm did not buy the stations per se, but bought a controlling interest in the company that did own the stations; thus, L.E.O. (along with Mr. Goins, who was one of the investors) became a subsidiary of Halcomm. For all intents and purposes, L.E.O. Broadcasting Inc. was the name used in conjunction with the ownership of KXLI/KXLT. That was the name used on the air up through their last broadcast day and is the name listed on my latest FCC microfiche from last spring.

"The Twin Cities' third LPTV station, K53CH, St. Paul, signed on the air September 25th. Their transmitter is atop the IDS Center in downtown Minneapolis with studios on the 48th floor. Their ERP is only 1.8 kW yet they are always watchable whereas 1.06 kW K58BS, which also transmits from downtown Minneapolis albeit from a site some 300 feet lower, is often barely detectable. As to their programming, the owner's name, Catholic View Broadcasts, Inc., is a dead giveaway. (Isn't that what they call Mass Media stuff) (or maybe Non-commercial programming) (wbf) Programming only runs from 6 to 10 each night with the other 20 hours of each day being devoted to the continuous running of a short loop which tells about the station, the next

day's program schedule and the significance of that day to Catholics. The station is very low-cost, being run entirely by volunteers with just two VCRs. K53CH differs from most other low-power in that they are gratuitous D'ers. They display a visual ID about every 15 minutes during programming and during each round of the three to four minute loop."

"An article that appeared in the September 25 *Star Tribune* is so confusing it's almost unintelligible. (Sounds like my Calculus textbook! -wbf) The article states that the FCC has reserved the use of channel 30 for the Thief River Falls (MN) Technical Institute to broadcast educational and noncommercial programs. A spokesperson for the school said, 'We filed an application as a lark. Then we found out we could probably get a channel assigned to Thief River for education and followed it up, not really knowing what direction we were going.' (I'll say! It sounds as if they're doing everything backwards; get a CP then file an application for it, followed by a petition for rule making for the channel assignment). The spokesperson also said it would be a 'million dollar project' so I assume this isn't a low-power station. My guess is that the reporter is really trying to say that the school filed the petition for channel #30, it resulted in a channel assignment for Thief River Falls, and now they plan to apply for a construction permit." (At least the article didn't say they had a license for the station. -wbf)

"A few articles concerning KVBM-45 which reappeared in the same paper last spring made considerably more sense, even referring to the FCC granting a CP instead of a license. Vision Broadcasting has apparently given up on the station as they have transferred the CP to the man they had hired to do all their leg work for them, Dan Peters (yes, they guy who uses rock records in lieu of firewood). (I know some guy who would like to use Calculus and Economics textbooks in lieu of firewood. -wbf) Peters has given up his career as a minister to become president of his new corporation, KVBM Television, Inc. Peters and his associates have apparently decided to change the direction of the station and instead of a nonprofit religious station, now plan to make KVBM-TV a for-profit independent with 'family oriented' programming and no more religious programs than are shown by any of the other Twin City stations. The lack of newspaper articles is apparently the result of Peters trying to avoid publicity. He says he's afraid that people will recall his years as a minister crusading against rock music, and whether they love him or hate him for it, will believe he's trying to bring 'televangelism' to the Twin Cities. Despite his assurances that he and his associates are just all-American capitalists trying to make a buck, Peters is still fighting a losing battle to find a transmitter site. He offered to build an 1150' free-standing tower that would look like the Eiffel Tower and even went so far as to offer a 'user's fee' (bribe) of \$100,000 annually. Nevertheless Little Canada, Roseville, Shoreview and Arden Hills all turned him down. They all said it was due to safety and aesthetic reasons, yet each of those cities is crossed by far worse looking high-voltage

electric lines and their supporting utility towers. Evidently Peters just doesn't have the clout and loud voice that Northern States Power does when push comes to shove. Peters' best chance came when he asked the St. Paul Board of Zoning Appeals to approve a 659' tower in a salvage yard in an industrial area west of Hwy 280 in the far northwest corner of the city. City Planner Marv Bunnell and the Community Housing Committee both recommended approval. The only opposition came from City Council Member Kiki Sonnen who managed to throw a wrench into the works when she discovered that last December the Minnesota Environmental Quality Board began requiring environmental reviews for communications towers taller than 500 feet. The review was to extend past the CP's expiration date of July 17, 1989. That date has come and gone but there's been no further news. I assume Peters was granted an extension as you listed an amendment to his application for a MP modification in your September column. Do the coordinates this time match the aforementioned site in St. Paul or is he trying for yet another location? I'm beginning to believe that his fears about people rejecting his plans due to his past actions are more than justified." (That TL called for a 630-foot tower, east of Hennepin/Ramsey County boundary, south of Lauderdale, west of the railroad tracks, and west of Hwy 280. -wbf)

"Still no sign of WEUX-48, Eau Claire. I was last by their proposed transmitter site on July 24 and there was nothing there but WQOW-18's free-standing tower atop a tree covered knoll. No sign yet of KRBR-21, Duluth, either. Have either of these two had their CP cancelled yet. They're both over two years old." (none that I know of. -wbf)

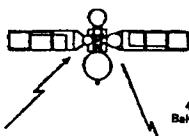
"Once again the Grand Marais, MN translators will be shut down until residents cough up the \$6,000 remainder of the \$20,000 yearly operating fee. Grand Portage's residents have already paid their \$20,000 in full but the translators there will also be shut down as they depend on those in Grand Marais for their input signals. Each year the money comes in slower than the previous year so both cities have jointly formed the Save Our Translators Committee to facilitate donations. As with PBS stations, residents pay on the honor system which has some of those who pay tired of footing the bill and calling for a local television tax such as England's.

"Speaking of translators, I've noticed a peculiarity about WHWC-28's two. They seem to have built-in protection against the erroneous rebroadcast of other channel 28's. Several times I've seen W55AP, River Falls, and W39AF, Webster, shut down after sign-off yet WHWC-TV remains on the air for testing. At first I thought WHWC-TV was merely using reduced power causing received signal levels to fall below the translators' input thresholds, but judging from the presence of the usual amount of slopover, I doubt that is the case. Could the translators be remotely controlled by a code signal embedded in WHWC-TV's vertical blanking interval? (That is one possibility. Maybe they receive a microwave relayed broadcast signal, or some other means of remote control. -wbf)

Next month: more Parks, John Combs, Paul Gaines.



# SATELLITE NEWS



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

Greetings again. Lots of trivial problems amassed last month and a column was not possible. Still not too much new to report.

The Porn Channel I mentioned sometime ago using the VCI system is apparently the new Rendezvous PPV service using VCII with Video-Pal activation. This is on Spacenet 2 XPDR 3 along with its sister operation - Drive-In Pay-Per-View also VCII using Video-Pal.

Also still running full time on Spacenet 2 - XPDR 19 is SCOLA.

The new Showtime Sat Net/Viacom News Service is scheduled to be on Satcom 2 - possible XPDR 5 using VC2. News services in PAL and SECAM color formats can sometimes be seen on this bird.

CNH is using more and more transponders on Galaxy 2 for feeds and other events. Sunday Mass for Fox's New York Channel 5 is carried on XPDR 5.

The HBO Comedy Channel will be on Galaxy I XPDR I and possible on Satcom K-1 in VCII.

Home Team Sports has vacated Satcom 4 and is now on Spacebet 3 Z3.

Z-Channel is now apparently just Sports Channel Los Angeles? - Satcom 4 XPDR 17

Note that virtually all CBS feeds are now encoded with only a very few exceptions.

In the near future Westar 4 will be phased out and replaced by a new Western Union Craft. Look for PBS to relocate many feeds on K-Bank maintaining one National Feed on C.

Keystone Inspiration is located on Westar 4 - XPDR 9 - religious.

On ANIK C-I -

The French Sports Channel is operating with VC2.

TVFQ - TV 5 is on D2 as is First Choice.

There is also operating a Chinese channel.

The Canadian Home Shopping Channel (English) is now on D2.

On Satcom I - 3 Angels is simulcasting on XPDR 16 as well as 17.

On Morelos - there are many feeds too weak to decipher here, but there appears to be a SuperChannel type of operation testing on XPDR 9 or 11 with the ID - SuperCanal X-E-Ah The letters X, E and the sound of Aaahh. (not the letters)

When CBC Newfoundland signs-on it gives a complete list of all affiliates.

For those interested - here it is:--

CBNT - ch 8 - St. Johns

CBNT - ch 5 - Corner Brook

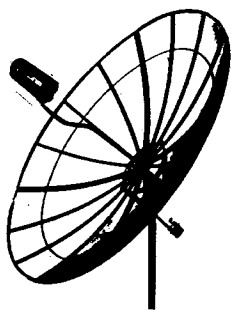
CFLA - Goose Bay -

CBNLT - ch 13 - Labrador City

I will try to list the 70 some repeaters at a later date.

See you in '80 and '73's

*George*



## QSL CORNER & LOGO'S RUN

Thomas J. Yingling, Jr., KA3TCC  
221 Pinewood Road  
Baltimore, MD 21222-2345  
Phone # 301-282-5649

NS 92.3 CBAF-FM-12 Margaree, X P. O. Box 950, Moncton, NB E1C 8N8. Letter and CBC qsl card back from Marcel Cantin, Regional Supervisor of Transmitter Operations, Province of New Brunswick, says "The conditions must have been unique for you to have captured our signal. Congratulations." My top skip qsl! Nice letter back in about 1 month for an 82 watt station, note error in FM Atlas listed as 100kw! This came in overtop WYST-FM Baltimore on same freq. (Hank Holbrook)

VA 105.3 WZCL Portsmouth, 1318 Spratley St., zip 23704. Letter back from Charles Rippel, CE & Executive Director of NASWA! who send a great letter back in 19 day about. (Hank Holbrook)

MD 98.3 WQMR Mechanicsville, The Morgan Bldg., Rt. 5, zip 20659. Letter back from Roy Robertson, GM in 13 days. (Hank Holbrook)

NS 92.1 CBHY Yarmouth, X CBC Box 3000, Halifax, NS B3J 3E9. Send CBC Halifax card with full data in 2 months. (Hank Holbrook)

TX 105.1 KYKS Lufkin, P. O. Box 2209, zip 75901. Send a handwritten letter from Dawn Christi, Morning Air Personality in 2 months. (Hank Holbrook)

AL 91.9 WMBV Dixons Mills, P. O. Box 91.9, zip 36736. Send letter, program schedule & bumper sticker from Robbie Moore, Station Manager who says they were also received in R.I. by skip. (Bruce Elving)

AL 91.5 WQPR Muscle Shoals & 91.5 WUAL Tuscaloosa, X P. O. Box 870370, Tuscaloosa, AL zip 35487-0370. Both qsl'ed in one letter from Rena Stahmer, Dir. who says both stations are on from 5

AM to 1 AM, with 6 AM sign on weekends, & WQPR a full repeater with no staff or studios, getting the WUAL programming via ETV microwave. (Bruce Elving)

AZ 88.7 KNAU Flagstaff, Northern AZ Univ., Box 5764, zip 85011. Russ Hammett, Mgr., sent friendly letter, verifying & inviting me to visit, saying "The Grand Canyon is about 1 1/2 hour away." (Bruce Elving)

ID 106.1 KZFN Moscow, P. O. Box 8849, zip 83843. Larry L. Ayer, CE sent letter & bumper sticker & says "I am very pleased & somewhat amazed that your reception was strong enough to trigger stereo." (Bruce Elving)

GA 89.5 WYFK Columbus, X Rt. 1, Box 109, Cataula, GA zip 31804. Letter & program schedule from Mark A. Andrews, Mgr. (Bruce Elving)

LA 91.5 KPAE Erwinville, X 13028 US Hwy. 190 W, Port Allen, LA zip 70767. Program guide & letter from Willie F. Kennedy, Pastor/President. (Bruce Elving)

NM 98.7 KMTM Mailjamer & 89.5 KENW Portales, X Eastern NM Univ., Portales, NM zip 88130. Letter from Constance M. Gotsch, Program Dir. for both stations qsl'ing & send a program guide too. (Bruce Elving)

OR 96.1 KSRV Ontario, P. O. Box 129, zip 97914. Letter from Dave Adams, Operations Mgr. who mentions other dx reports, & their AM station been heard in Finland & other European countries. (Bruce Elving)

SD 94.5 KPLO Reliance X KEL0land Box 25, zip 57669. Letter from Darrel House, CE. (Bruce Elving)

TX 88.1 KGNZ Abilene, 542 Butternut, zip 79602. John R. Scaggs, Operations Dir/Eng sends letter. (Bruce Elving)

WI 94.3 WRQE Neenah, Box 1035, zip 54956. Letter from John Michaels, Operations Mgr. says "Our old engineer kept these reports & I'm not sure what he did with them. (Bruce Elving)

GA ch. 22 WJCL-TV Savannah, P. O. Box 13646, zip 21406. Letter from J. Fred Pierce, executive Vice Pres. I send esse, but the letter came back in station's own envelope in 27 days. (Jeff Wolf)

FL 105.9 WOCL Deland, X 2101 S.R. 434, Longwood, FL zip 32779. PFC (Pre-prepared

**KAJUN**  
103 FM

**WYSO**  
91.3 FM

MAGIC  
**WTUN**  
100 FM

**WBLM** 107.5

**WQWQ**

We're All Beautiful Music  
101.7 FM STEREO

card) back in 8 days from Mike Senski, CE (Robert Ross)  
**FL 101.1 WSIF Cocoa Beach**, X 2500 Maitland Ctr. Pky, Suite 401, Maitland, FL zip 32751-4122. PFC back in 8 days from C. Huever, CE. (Robert Ross)

**FL 91.3 WSEB Englewood**, 2800 Peacide Rd., zip 34224. PFC in 5 weeks from unreadable name. (Robert Ross)  
**FL 105.1 WHQT Miami**, 3200 Ponce de Leon Blvd., zip 33134-7297. PFC & business card in 4 weeks from Bruce Hirsh, CE. (Robert Ross)

**FL 100.7 WUSA Tampa**, 504 Red St., zip 33609. PFC & letter back in 4 weeks from Lloyd Berg, CE (note WUSA-TV is in Wash, DC & not owned by WUSA-FM, editor) (Robert Ross)

**MI 99.1 WFMK Esst Lansing**, Box 991, zip 48826. PFC in 2 weeks from an unreadable name. (Robert Ross)

**GA 96.7 WZLS Valdosta**, Box 5406, zip 31603-5406. PFC & letter in 1 month from Louie Neal, DJ. (Robert Ross)

**FL 100.1 WEEJ Port Charlotte**, X 4288-A Jotoma Lane, Punta Gorda, FL zip 33980. Letter back in 1 month from Jeff Winston, Asst. Eng. (Robert Ross)

**OH 106.3 WQTL Ottawa**, Box 5, zip 45875. PFC & business card back in 2 weeks from Kent D. Smith, G.M. (Robert Ross)

**IN 103.9 WZZP Mishawaka**, 100 Center, Box 644, zip 46544. PFC & business card back in 2 weeks from Mike Shannon, CE in 2 weeks. (Robert Ross)

**IL 91.5 WCIC Pekin**, 2363 Court St, zip 61554. PFC & letter back from Dave Brooks, Station Manager in 2 weeks. (Robert Ross)

**NY 89.1 WBSU Brockport**, Seymour College, State University of New York, College at Brockport, zip 14420. PFC & business card back in 1 month from Tim J. Lyman, General Manager. (Robert Ross)

**FL 88.9 WTCE Terpon Springs**, X Box 6060, Hudson, FL 34674. PFC & letter back in 1 month from Bryant Nelson, General Manager. (Robert Ross)

**FL 90.1 WSFP Fort Myers**, University of South Florida, 8111 College Parkway, Area 216 (?), zip 33907. PFC & letter back in 1 month from Ron Kotas, CE. (Robert Ross)

**FL 91.7 WFTL St. Petersburg**, X 1120

Pinellas Bayway, Suite 103, Tierra Verde, FL zip 33715. PFC & business card in 2 weeks from S. J. Callahan, CE. (Robert Ross)

**FL 98.3 WOKD Arcadia**, Box 794, zip 33821. PFC & letter back from Murrury Benton, CE in 7 weeks. (Robert Ross)

**TX 90.9 KTSU Houston**, 1718 Norfolk, Suite 2, zip 77098. PFC back in 2 months from an unsigned person. (Robert Ross)

**FL 88.7 WAYJ Fort Myers**, Box 061275, zip 33906. PFC back in 4 weeks from Bob ??? Burg, no title. (Robert Ross)

**MI 104.9 WFYC Alma**, Box 629, zip 48801. PFC back in 10 days from David W. Sommerville. (Robert Ross)

**Mexico XHQ-3 ch. 3 Culiacan X** Televisoras En El Pacifico, Apartado Postal No. 337, Culiacan, Mexico. Letter received by registered mail, which

loosely translated reads a follow. "My apology for not answering your courteous letter of May 23 sooner, as I have been out-of-town for several weeks."

(confirming my reception): "For atmospheric reason, our channel 3 was captured in the States on May 18 between 2200 and 2250 PDT. Effective this day (5/18) transmitted over the air for

principal client, 'Almacenes Coppel', was the movie *Moscow on the Hudson*, and during the stationbreak you saw the commercials

(listed in letter) with identification of our channel 3. Again many thanks for your courteous letter. With closing (thanks) of our group, I am sending program guides for the months of June, July, and August."

(Ed Frye) (note from editor: this letter I misplaced and just found. Copy of letter & program guide is also used this month. Sorry about this.)

**93.7 KRQ**  
 Tucson's ONLY Hit Music Station.

WBSS-AM  
**98 GOLD**  
 Good Old Rock 'N Roll

COUNTRY  
**101 WDRM**  
 Huntsville - Decatur

**Z16** AM STEREO  
 KXZZ

**WNYF 34.0**

**KADR**  
 AM-1400

**WLSO**  
 88.3 FM

**KCVO** 90.7 FM  
 The 90's - Country 90-100

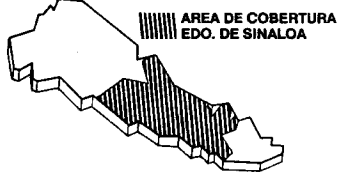
**WQZN**  
 CRUISIN 1280

**WFTL**  
 RADIO 1400 AM

ESTIMADO MR. FRYE:  
 BREGATE DISCUPRAME POR POR DESPRESTA A SU AMBLE CAR TA DE 23... DIA DE HOY PUS ESTIVE DE... VINE POR VARIAS SEMANAS Y NO ME HABIA SIDO POSIBLE HACERLO.  
 NOS COMARCE QUE POR RAZONES ATMOSFERICAS, NUESTRA SE NA DE TELEVISION DE CANAL 3 DE CULIACAN, SINALOA, MEXICO, YA SIDO CAPTURA POR OSTENDES EN DIA 18 DE MAYO ENTRE LAS 22:00 Y 22:50 (VARIABLES EN UNAS HORAS).  
 EFECTIVAMENTE ESSE DIA TRANSMITIMOS AL AIRE POR UNA... COPETIA DE UNO DE NUESTROS PRINCIPALES CLIENTES DE LA LOCALI DAD "ALMACENES COPPEL". LA PELLICULA "MOSCOW ON THE HUDSON" EN EL CORTE DE ESTACION QUE USADO VINO, LOS COMERCIALES:  
 -BENEFICIO DE LA CRUZ ROJAVEZ CLUB DE LA VIEJA AMIS-  
 -VALIENTIA/FRENTE A CINEMAS GEMELO/TEL. 3-76-60-  
 -SERCOC/TELEFONO 3-04-38-  
 ASI COMO LA IDENTIFICACION DE NUESTRO CANAL XHQ-TV-3. UNA VEZ MAS GRACIAS POR SU AMBLE CARTA.  
 CON UN SALUDO AFECTUOSO DE NUESTRA PARTE, ME PERMITO ANXARLE CARTA DE PROGRAMACION DE LOS MESES DE JUNIO, JULIO Y AGOSTO DE 1989 DE ESTE CANAL 3 DE TELEVISION DE CULIACAN, SINALOA, MEXICO.  
 MUY CORDIALMENTE.  
 SR. CARLOS SHANNON, RODRIGUEZ.  
 DIRECTOR.  
 CULIACAN, SINALOA, MEXICO

Junio Julio Agosto 1989

Idolos de la Pantalla	Los Mejores	Bas Ball Grandes Ligas	Mike Hammer
Comedia Blanca con Viruta y Capulina	Caricaturas	El Auto (Anuncio)	Una Chica Comedia Terror Accion y Amor
Funcion de Gala	Televisora Infantil	Caminos al Cielo	Western Clasicos del Cine Americano
Comicos del Cine Nacional	Televisora Ciudad	Loteria	Una Mediano del Recuerdo
Inmortales del Cine Mexicano	Televisora Nacional	En Busca del Amor	Festival de Grandes Actores
CARRUSEL	Super-Mini Series	Los Pioneros	Muelle 56
PERMANENCIA	Cine Familiar	Funcion de Box	Doce Cantos al Crimen
		PERMANENCIA VOLUNTARIA	El Subterano



JUNIO																														
D	L	M	M	J	V	S	JULIO						AGOSTO																	
1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	11	12		
8	9	10	11	12	13	14	11	12	13	14	15	16	17	18	19	20	13	14	15	16	17	18	19	20	21	22	23	24	25	26
15	16	17	18	19	20	21	18	19	20	21	22	23	24	25	26	27	20	21	22	23	24	25	26	27	28	29	30	31		
22	23	24	25	26	27	28	25	26	27	28	29	30	31	27	28	29	30	31												

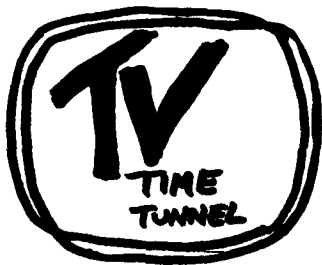
T.V. de Culiacán, S.A. de C.V.  
 Loma El Mirador s/n Culiacán, Sinaloa  
 3-01-90, 3-02-90, 3-66-55



Ventas 3-78-05 Télax 665841

Televisora afiliada a Televisa, S.A. de C.V.  
 Av. Chapultepec 19 Col. Doctores Mex. 06724 D.F. Tel. 7-09-33-33





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

THE HISTORY OF TELEVISION  
[Part Two]

World War II:

Electronic hardware was in high demand for the war effort, and as a result, television production was discontinued during the war years. Research, however, continued. In 1945 RCA perfected the image orthicon camera tube which improved video resolution and clarity even further.

Channels Are Allocated:

In 1945 the FCC allocated 13 VHF channels between 44 and 216 MHz for commercial television, but noted at the time that there was not enough spectrum space below 300 MHz for an adequate nationwide system. Twelve of the VHF channels had to be shared with non-broadcast two-way radio services. To prepare for expansion, the UHF frequencies between 480 and 920 MHz were made available for experimental TV. In 1948, because of interference with commercial TV, the VHF sharing with 2-way was ended; and TV channel 1 (44-50 MHz) was deleted and assigned exclusively to land mobile (two-way) service.

Postwar Milestones:

On September 17, 1946 television receivers again became available. January 3, 1947 marked the first telecast of the U. S. Congress in session. The inauguration of President Harry S. Truman was seen over 15 stations from Boston to St. Louis on January 20, 1949. On May 31 of that year the first closed circuit color telecast of a surgical operation was made from the University of Pennsylvania Hospital in Philadelphia. But, amid all the successes, major problems were coming to the forefront.

The Freeze:

As the FCC had foreseen, it was evident that the available channels were too few for nationwide service. On September 30, 1948, the Commission stopped accepting new applications in order to study the situation. This was the so-called "freeze" order. Areas of consideration included developing new engineering standards, opening UHF channels for TV, considering color systems, reserving of channels for non-commercial use, and creating a national assignment plan for all channels.

Into The '50s:

With the freeze in place the Commission began to tackle the problems at hand. Color was given top priority. Three systems were considered: the 'field sequential' system proposed by CBS; the RCA 'dot sequential' system; and the 'line sequential' system proposed by Color Television Incorporated. The FCC found the CBS 'field sequential' system was the only one that met it's criteria for color operation; even though this system could not be received in monochrome on existing receivers (the others claimed theirs could). This method of operation was adopted in 1950.

[to be continued next month]

**TV C.C.I. [UNIDENTIFIED DX]**

John F. Combs (N4SFS), 1308 Willow Branch #24, Jacksonville FL 32205

No, this is not a resurrection of the TV-CCI AIDS column! TV-CCI AIDS was intended as a companion column to compliment the original TV-CCI column. However, TV-CCI has not appeared in the VUD in over a year, and this installment will serve to introduce newer members (and re-introduce older WTFDAers) to the principles and procedures of the TV-CCI column. Let's answer some of the questions that may be in your mind...

**WHAT IS THE TV-CCI COLUMN?** TV-CCI is a column wherein we try to solve your unidentified TV-DX. All members are encouraged to send their "mystery" loggings to the column. By the same token, all members are encouraged to look over others' unIDs and help to solve them.

**HOW OFTEN WILL TV-CCI APPEAR IN THE VUD?** As often as necessary, dictated by the volume of unIDs sent in. There is no actual deadline for TV-CCI--feel free to send your unIDs in at any time. When there is enough material for a page or two, I will do a column. Hopefully, that will turn out to be on at least a bimonthly basis.

**WHAT SORT OF UNIDENTIFIED LOGGINGS SHOULD I SEND TO TV-CCI?** The column is intended primarily for "high priority" loggings--those that you suspect may result in a new station or state, unusually long tropo loggings, possible double-hop skip, etc. Of course, if you are fairly new to a DXing location, many loggings may be potentially new ones. Use your discretion in deciding which unIDs to send. A second guideline is to only send unIDs that have a reasonable chance of being identified. For instance, a network program seen at its normal broadcast time is hardly specific enough to narrow down the possibilities. But a network program seen in an odd time slot (tape-delayed) is a good clue. Even syndicated shows like "Geraldo" and the ilk are run by many, many stations at common times (usually 0900 or 1600 local time), but seeing one of these shows at, say, 2330 would be unusual enough to have a good chance of being tracked down.

**IS YOUR JOB AS TV-CCI EDITOR TO SOLVE ALL MY UNIDS?** Heavens, no! I'm not Mr. Know-It-All and possess no psychic powers. I am most pleased to help solve your unIDs by using any resources I may possess to take some educated guesses. But the primary theme of TV-CCI is "DXers helping DXers" to solve those mysterious loggings. One DXer's possible double-hop may be your pesty local! The TV-CCI column is the "last resort"--when your own research, letters, phone calls, hunches, and wild guesses have failed to yield an ID, the TV-CCI column puts the collected minds of the membership to work!

**HOW SHOULD I SEND IN MY UNIDENTIFIED LOGGINGS?** Preferably in the same format in which they will appear in the column. Below are a few sample unIDed loggings for illustration:

Mon Jun 31 1900 EST Es ch 3 --- ABC "General Hospital" running 3 hours later than East Coast. Also noted a local news promo w/anchor Joe Blow. Odd time for delayed broadcast, so very likely a double-hop from the Pacific Time Zone. KEYT seems most likely. PTA: Western U.S. (PST)

1859 EST Es ch 6 --- Ad for "Buckaroo Bar & Grill" then ID "Rocky Mountain Television...K???" into CBS News (1900 EST feed). PTA: Rockies.

Sun Oct 13 0225 EST Tr ch 49 --- Fox affiliate w/promo for "21 Jump Street," AIDS PSA, then very brief s/off w/no SSB. Off & on testing with 3/4 CB all night. Can't find it in any list--new station? PTA: Eastern Seaboard from Carolinas to MD.

0257 EST Tr ch 66 --- TBN station, no 0300 ID, so probably an LPTV. PTA: as above.

Include as much information as you have: network, offset, local ads, test patterns, etc. The PTA is the Probable Target Area: the geographic area you think is most likely the source of the DX (the more specific, the better). Times should be your local clock, but be sure to indicate if the suspect station may be in another time zone.

**WHAT SHOULD I DO IF I CAN IDENTIFY SOMEONE'S MYSTERY LOGGING?** Two things. First, send the DXer in question a card or letter with the information. Then, also send that ID to the TV-CCI column. The former insures that the DXer gets the info quickly, without waiting for the column to appear; the latter is for the benefit of other members who may, after all, log the same station some day!

Each installment of TV-CCI will also include a brief discussion of hints and tips for identifying your DX in a series called "The Art of the I.D." (And yes, there is somewhat of an art to it! It's not always sheer, dumb luck.) After all, no matter what your DX interests, there's nothing as frustrating as an unidentified signal!

One last note: I would welcome any TV GUIDE editions that members wish to donate to the column on a regular basis! Newspaper skeds including new, obscure, or LPTV stations are particularly desired. So don't wait! Send your baffling unIDs today! 73, JOHN

# PHOTO NEWS

DECEMBER 1989

**Mailing Address:**

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

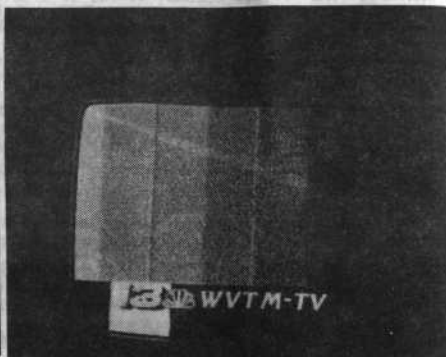
Photos submitted to PHOTO-NEWS become the property of this column and will not be returned.

EDITED BY  
David J. Nieman

You say; what happened to the November Photo-News column? why did it have October on it again? Well, as we say here in Western New York, "shit happens" and in November it did. And we hope never again. So on we go. Jeff Kadet - Macomb, Illinois continues his tropo foto report from early September opening to the south. Equipment: see November VUD page 24.



WXXV-25  
Biloxi/Gulfport/  
Pascagoula, Mississippi  
677 mile tropo  
seen September 3, 1989



WVTM-13  
Birmingham, Alabama  
526 mile tropo  
seen September 3, 1989



KVHP-29  
Lake Charles, Louisiana  
723 mile tropo  
seen September 4, 1989



# PHOTO NEWS

DECEMBER 1989 page 2

**Mailing Address:**

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

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EDITED BY  
David J. Nieman

Jeff sent in his latest batch of DX fotos from the tropo opening of late September. He has some great catches. I'm sure he wasn't the only one out-there taking fotos. You got some you want to share; send them in. We'd like to see 'em.



KPLC-7  
Lake Charles, Louisiana  
707 mile tropo  
seen September 4, 1989



KITU-34  
Beaumont, Texas  
733 mile tropo  
seen September 4, 1989

to be continued....

## A DX CHRISTMAS



SEASON GREETINGS

DAVE-21

# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NEW YORK 14221

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

DECEMBER 1989



DEADLINE: NOW THE FIRST



## HAPPY HOLIDAYS!!



### DAVID BRUMFIELD - 1618 CHESTER BLVD - RICHMOND, INDIANA 42374

Equipment: Akai VO-4 Tuner - Winegard Antenna - GE Superadio with whip

#### APRIL 21 TROPO

2222 WIZN 106.7 VT Vergennes-Burlington  
2224 WRKZ † 106.7 PA Hershey

#### MAY 5 E-SKIP

1644 KHOY 88.1 TX Laredo  
1650 XHSAB † 89.5 NL Sabinas Hidalgo

#### MAY 29 TROPO

0439 WKBC † 106.5 IL Granite City/St Louis

#### MAY 31 E-SKIP

1955 KCEV † 88.3 KS Wichita, g  
2045 KYCS 95.1 WY Riverton  
2053 KTAK 93.9 WY Riverton  
2053 KQSW † 96.5 WY Rock Springs  
KDLV † 97.5 WY Lander  
2127 KYGO 98.5 CO Denver  
2133 KRAI † 93.7 CO Craig  
2133 KQZR † 102.5 CO Craig

#### JUNE 1 TROPO

0017 WWKS 106.7 PA Beaver Falls

#### JUNE 12 METEOR SCATTER

0450 WIZN 106.7 VT Vergennes-Burlington

#### JUNE 14 E-SKIP

0917 WAYJ 88.7 FL Ft. Myers-Naples  
0924 WKZY 92.1 FL LaBelle  
0925 WCMQ † 92.3 FL Hialeah  
0934 WXDJ 95.7 FL Homestead-Miami-  
Fort Lauderdale  
0936 WINK 96.9 FL Fort Myers  
0955 WBVM 90.5 FL Tampa  
1012 WOVV 95.5 FL Fort Pierce

#### JUNE 15 E-SKIP

1140 XHSAB † 89.5 NL Sabinas Hidalgo

#### JUNE 18 E-SKIP

1213 KAJA 97.3 TX San Antonio

#### JUNE 23 E-SKIP

many relogs to south Texas

#### JUNE 29 METEOR SCATTER

0145 WJJY 106.7 MN Brainerd

#### JUNE 29 TROPO

2145 WAXZ 97.7 OH Georgetown o/WOXY  
2200 WBKW 99.5 WV Beckley-Bluefield  
Princeton

#### JULY 3 E-SKIP

2100 KLYT 88.3 NM Albuquerque  
2105 KRST 92.3 NM Albuquerque

#### JULY 4 E-SKIP

1752 KVRP 95.5 TX Haskell-Abilene  
1758 KBCO 97.3 CO Boulder  
1858 KRFM 96.5 CO Colorado Springs  
Springs-GreenR,  
many unIDs to Texas and Colorado

#### JULY 6 E-SKIP

1254 WZZR 92.7 FL Stuart  
1256 WCMQ † 92.3 FL Hialeah  
1306 WQCS 88.9 FL Fort Pierce  
1312 WGTR 97.3 FL Miami-Ft Lauderdale  
1313 WRMF † 97.9 FL Palm Beach  
1316 WKIS 99.9 FL Boca Raton-Miami  
many other tentatives

#### JULY 7 TROPO

WCJO 97.7 OH Jackson (rare)

#### AUGUST 2 GROUND WAVE

1502 WNJY 102.9 IN Delphi

#### AUGUST 2 TROPO

1708 WKBC 106.5 IL Granite City-StLouis  
2208 WWCY 105.7 IL Peoria  
2211 WSWT 106.9 IL Peoria  
2213 KRVR 106.5 IA Davenport  
2214 WKPK 106.7 MI Gaylord-Traverse  
City-Petoskey  
2311 CKNX 101.7 ON Wingham

#### AUGUST 3 TROPO

0005 WTCM 103.5 MI Traverse City

#### AUGUST 3 E-SKIP

1223 KLDE 94.5 TX Houston  
1224 KVIC 95.1 TX Victoria  
1311 KBHI 93.5 TX Crockett  
1315 KAPT 94.7 TX Luling-Austin

#### AUGUST 4 E-SKIP

2038 KHOY 88.1 TX Laredo  
2040 KNLE 88.1 TX Round Rock-Austin

#### AUG. 6 E-SKIP several unIDs

#### AUGUST 11 METEOR SCATTER

0145 WDJZ 100.3 FL Orlando

#### AUGUST 12 METEOR SCATTER

0320 CBHB † 106.7 NS Mulgrave

0340 WRKZ † 106.7 PA Hershey

#### AUGUST 14 E-SKIP

1246 WMCUJ 89.7 FL Miami  
1253 WGTR 97.3 FL Miami-Ft Lauderdale  
1256 WFKZ 103.1 FL Plantation Key  
1302 WMUM 94.3 FL Marathon  
1306 WCAC 105.5 FL Sebring  
1306 WIXI 105.5 FL Naples Park  
1309 WEQW 92.5 FL Key West  
1310 WCTQ 92.1 FL Venice  
1313 WKZY 92.1 FL LaBelle  
1317 WINK 96.9 FL Fort Myers  
1322 WJIS 88.1 FL Bradenton  
1324 WAYJ 88.7 FL Fort Myers  
1328 WYNE 94.9 FL Tampa-St Pete-Clrwr  
many unIDs

#### AUGUST 16 TROPO

2335 WBZN 100.7 WI Racine

#### AUG. 18 FLORIDA ES NOTED

#### AUGUST 23 E-SKIP

2126 KCWC † 88.1 WY Riverton  
2144 KTAK 93.9 WY Riverton  
2150 KDLY † 97.5 WY Landon  
2200 KYCS 95.1 WY Rock

#### AUGUST 29 GROUND WAVE

2215 WCJC 99.3 IN Van Buren

#### AUGUST 30 TROPO

0947 WBLN 103.7 KY Murray  
1003 WCKU 102.5 KY Nicholasville  
1019 WSKV 104.9 KY Stanton  
1034 WKDF 103.3 TN Nashville  
1052 WVRV 105.1 TN Waverly  
1100 WDDD 107.3 IL Marion  
1124 WPGU 107.1 IL Urbana  
1126 WAEZ 106.3 WV Milton

### NORTHERN FM DX

#### DAVE BRUMFIELD'S REPORT - continued

#### AUGUST 30 TROPO continued

1145 WWSR 102.7 WV Charleston

1152 WKLC 105.1 WV St. Albans

1220 WMLK 95.3 KY Morganfield

1228 KDHX 88.1 MO St.Louis

#### AUGUST 31 TROPO

0000 WKSE 99.9 NC Asheville-Hendersonville

Greenville-Spartanburg

0015 WMEV 93.9 VA Marion

0055 WFYR 103.5 IL Chicago

0101 WGTG 102.3 IN New Carlisle-S.Bend

Elkhart

Ralph Strobel informed me that I missed 3-4 strong Es openings, and a Tr to MN, WI, and upper Michigan, and one to TX, OK, MO. Many Es days several stations were coming in, but no IDs before opening ended. Especially 6/14, 6/23, 7/4, 7/6, 8/6, 8/18. Some openings seemed week and short lived. MS results this year include 100.3 KRVR LA, WDJZ FL, KILT TX, WCTH FL, KZEN NE, KDVV KS, and tent WKSY PA. 106.7 WRKZ PA tent several times and the ones noted above. While visiting Ralph in Muncie, Es was noted on 7/22 and 7/23. I had my GE Superradio and added 7 new stations to my totals there: KEKB 99.9 CO, KHDT 92.5 CO, KUNC 91.5 CO, KENW 89.5 NM, KRWN 92.9 NM, and KRZA 88.7 CO. This added more to the pleasant visit that weekend.

#### GEORGE SHERMAN - 104 PINWOOD CIRCLE - APPLE VALLEY, MINNESOTA 55124

Equipment: McIntosh MR-78 tuner, Winegard CS-6065 FM antenna

#### SEPTEMBER 12 GW

KPLW 102.7 IA Northwood, m, new semi-lcl

#### SEPTEMBER 16 GW

KWNG 105.9 MN RedWing, here ex 105.5, will increase power, only 35 miles from me and I'm getting a local on 105.7 soon

#### SEPTEMBER 17 TROPO

0823 KAMS 95.1 AR Mammoth Springs, "K-Country"

and "Country 95", Central Ozarks, o/semi KWOA

2226 WCIC 91.5 IL Pekin, gS, S-6 on MR-78 meter

2235 WRKR 107.7 MI Portage, r, thru WVCY Milwaukee

2244 WNN5 98.7 IL Springfield, Life Rock 99, contest

Box 460, other IL/IN/MI in good

#### SEPTEMBER 18 TROPO

0020 WBUS 99.9 IL Kanakakee, r, S-6

0046 WJEZ 103.1 IL Pontiac

0052 WXXQ 98.5 IL Freeport, ID thru local KTSI!

0124 WHKS 99.1 OH Dayton, k, weather.

"The all new K-99.1 FM" S-8 on the meter

0137 WFRN 104.7 IN Elkhart, g, S-8

0140 WQLR 106.5 MI Kalamazoo, Clear 106 FM

0159 WAAA 88.3 MI Interlachen, S, S-8

0204 WNDU 92.9 IN South Bend, r, S-7, "Michiana's

Hit FM - U-93"

0214 WVAE 92.3 MI Detroit, The Wave

0853 WWKI 100.5 IN Kokomo, k

2010 WCBH 104.3 IL Casey, "Classic Hits"



Corrections: My WZZO 95.1 on 8/4 was probably Es, maybe MS. On 8/11 KROC † was on 106.3 NY 94.9 St.Cloud, Minnesota testing with open carrier and tone; open carrier on 99.7 probably WWIS Black River Falls, Wisc. No October DX!! 73.

STATION NEWS: WQXA 105.7 in York, Pa. has changed slogan to "Hot 105.7" and a more urban approach to Top 40. Don't know of a call change yet. 107.5 in Boyertown, Penn. has dropped religion in favor of an adult contemporary format (though some say Top 40). WMYJ 97.9 Edinboro (Erie) Pa. has switched to WXTA, and country music. WOLN 95.7 in Olean, NY has gone to WPIG, also country "Sizzlin' country-the Pig!" CKO2 99.1 Toronto has been off the air for 3 days now and is still off. WCHI 88.5 Spencer and WCIB 89.1 Friendship, NY are on, relaying the religious network of WCIK 103.1 Bath and WCIH 90.3 Elmira.

DECEMBER 1989

#### AUGUST 31 TROPO Continued

1101 WQHY 95.5 KY Prestonburg-Painstville  
Pikesville

#### SEPTEMBER 14 TROPO

1100 WRQK 106.9 OH Canton

#### SEPTEMBER 17 TROPO

0935 WCJO 97.7 OH Jackson

#### SEPTEMBER 21 TROPO

0317 KFUD 99.1 MO Clayton

0321 WOMP 100.5 OH Bellaire-Wheeling



**NORTHERN FM DX**

**BOB SIMOLAREK - 156 OLD WICK ROAD - WHITE HOUSE STATION, N.J. 08889**

**SEPTEMBER 18 TROPO**  
2315 WMXW 103.3 NY Vestal, r, WPRB off  
**SEPTEMBER 19 TROPO**  
1930 WDLS 93.7 PA Dallas, k  
**SEPTEMBER 21 TROPO**  
2135 WFRB 98.1 PA Altoona



**JEFF FALCONER - BOX 63 - CLINTON, ONTARIO, NOM 110**

Equipment-Icom R7000, 25 el log periodic at 28'. Receiver as of 9/22 is Magnum/Dynalab. FT-101A Etude, SCA adapted by Bruce Elving.

**SEPTEMBER 18 TRS and AUROURA unids around 2000**

1558 WJCH 91.9 IL Joliet, g, Family Radio  
1908 WVPE 88.1 IN Elkhart, j, twilight jazz program much stronger that usual  
2144 CQJM 104.3 ON Sault Ste Marie, k, Q-Country  
2151 CBON 98.1 ON Sudbury, French program

**SEPTEMBER 20 TROPO**

1727 WJKL 94.3 IL Elgin, ad for Daily Courier News  
1728 WNIJ 96.9 IL Zion, c  
1800 WVCY 107.7 WI Milwaukee, g, ID at top of hr  
1814 WBZN 100.7 WI Racine, j  
1831 WFMR 98.3 WI Menomonee Falls, c  
1907 WLTD 97.3 WI Milwaukee, soft r, Lite 97  
2245 WNMU 90.1 MI Marquette, j, strong, seldom hrd

**SEPTEMBER 22 TROPO SCATTER**

1955(WGOR) 92.1 MI St. Johns, rs, ex:WLNZ, now using FT-101A receiver  
2101 WJHS 91.5 IN Columbia City, S, New Haven Bulldogs football

**SEPTEMBER 23 TROPO SCATTER**

0052 CBCQ 91.5 ON Orillia, has moved here from 105.9, CBC mono program, gives local ID about 10 min before hour  
0100 WOBC 91.5 OH Oberlin, disco rs  
0157 WOLN 95.7 NY Olean, soft rs, The Lite WOLN (has since changed to WPIG "The Pig", country music-gc)  
1118 WGTZ 92.9 OH Eaton, rs, Z-93  
1307 WBEE 92.5 NY Rochester, ks, 92-FM, mixing w/WAIR  
1334 WXTA 97.9 ?? Unid to SE with k\$ and New Country 98 ID maybe call change for WMYJ? (I believe so-gc)  
1520 WLKI 100.1 IN Angola, classic rs, good signal  
1610(WNRJ) 104.7 PA Pittsburgh, rs, ex-WYDD  
1700(WUFX) 103.3 NY Buffalo, rs (favorite 300), The Fox  
Sign on for first time ex WPHD. Had been running loops announcing for days advising of this change  
1742 CFLY 98.3 ON Kingston, old r

**SEPTEMBER 24 TROPO-SCATTER**

1859 WVPM 90.9 WV Morgantown, weak with IDs for entire WV network  
2100 WXTA 97.9 PA Edenboro, ks, "Erie's newest country station" Unid above indeed was this  
2152 WEEL 97.3 WV Wheeling, bs, Easy 97.3  
Wheel FM, good signal

**SEPTEMBER 25 TROPO-SCATTER**

1946 WLDR 101.9 MI Traverse City, m\$, Sunny 102  
2232 WSRU 90.1 PA Slippery Rock, rps, good glad to catch this as WUCX now covers the channel.

**SEPTEMBER 26 TROPO-SCATTER**

1618 WEPK 91.9 KY Louisville, c, wx, weak  
1721 WAZU 102.9 OH Springfield, rs, Wazoo briefly over jumble.  
1752 WVAQ 101.9 WV Morgantown, your 10 in a row station, Q-102, also hrd 9/27 o/WDET  
1823 WCKX 106.3 OH London, rs, Power 106

**SEPTEMBER 27 TROPO-SCATTER**

1627 WUCX 90.1 MI Bay City, cs, CMU Public radio, first day on running good freq.  
Has telemetry on 67 khz  
2338 WMRX 97.7 MI Beaverton, soft rs, ads for local store, lottery, mixing w/WTGV/CHT

**SEPTEMBER 28 TROPO-SCATTER**

2209 WGLC 90.9 OH Cincinnati, cs, weak

**SEPTEMBER 30 TR/TRS**

0852 WLCS 98.3 MI N. Muskegon, old rs, Classic Hits 98.3, nice signal  
0909 WUWM 89.7 WI Milwaukee, wx forecast \$  
0931 WNSN 101.5 IN South Bend, Sunny 101.5 m\$  
0959 WHAD 90.7 WI Delafield, asking for support for Wisconsin Public Radio  
1302 WWHW 91.5 MI Mt. Pleasant, r, 91 Rock FM

**OCTOBER 1 TRS**

0059 WILL 90.9 IL Urbana, js, Jazz after Hours  
1654 unID 90.9 ment, broadcasting from the Univ. of New York. WCDB? (Doubt it. Maybe a station doing a concert from UNY?-gc)

**OCTOBER 2 MS/TRS**

1600 WAWL 91.5 TN Signal Mountain, weak burst "91 Rock...The Wall, WAWL" only 200 w  
1930 WKIL 90.7 OH Struthers, soft r, mono, fair at times with WGLE to 200 sign off w/SSB  
2338 WBSU 89.1 NY Brockport, pr\$, FM 89.1

**OCTOBER 4 TROPO-SCATTER**

2058 WAUS 90.7 MI Berrien Springs, news \$  
2101 WNDU 92.9 IN South Bend, rs, U93  
2244 WIAA 88.3 MI Interlochen, bms, not on 88.7

**OCTOBER 6 TROPO-SCATTER**

2136 WLWQ 96.3 OH Columbus, rs QFM 96

**OCTOBER 7 TROPO SCATTER**

0020 WJMR 98.3 OH Frederickstown, S, weak  
0039 WFIU 103.7 IN Bloomington, js

**OCTOBER 7 M.S.**

0100 WAMU 88.5 DC Washington "WAMU in" New state, or MD? (New state, I think-gc)

**OCTOBER 8 TRS**

0342 unID 99.3 strong signal from time to time with k\$ and C-99.3 unIDs. WCJC Van Buren?

DECEMBER 1989

**NORthern FM DX**

DECEMBER 1989

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

AUGUST 1989		Time: ELT	
18 Es (continued from my last report)		26 Tr	
1015 KAFXZ 95.5 TX D'iboll, ad for Lufkin		0842 WDLS 93.7 PA Dallas, k,	
		"93.7 DLS" IDs	96
1034 KZBL 95.9 LA Natchitoches,		0920 WGMM 97.7 NY Big Flats,	
		"Gem 97" + call	169
1112 KQXY 94.1 TX Beaumont,		27 Tr	
"Beaumont's Best - Y-94"		0730 WMXW 103.3 NY Vestal, call, beginning	
1115 KSBJ 89.3 TX Humble, contemporary		a weekly news program, WPRB off	133
Christian complete with a		SEPTEMBER 6-7 Tr	
"no repeat Friday", ex-88.1	1386	2200-0100 Pittsburgh noted with WLJT-92.9,	
1121 {KLTR} 93.7 TX Houston, "Houston's		WSHH-99.7, WDSY-107.9 and WDUQ-90.5 plus	
K-Lite 93.7"		WOMP-100.5 Ohio briefly and WFRB-105.3 MD.	
1125 WJMI 99.7 MS Jackson, promo, ad		0100 WVPM 90.9 WV Morgantown,	
1134 KTSU 90.9 TX Houston, PSA,		WV Net ID	299
call, old r	1399	29 Tr	
1137 WMDC 100.9 MS Hazlehurst, k, call		0415 WOMP 100.5 OH Bellaire, very strong	
1140 KYKR 93.3 TX Port Arthur, k,	1075	at times, "Womp-FM", rock	336
ads, "Kicker"	1325	0421 WDJQ 92.5 OH Alliance, contest	
1148 KUHF 88.7 TX Houston, promo,		w/Canton address, "Q-92" + call,	350
o/local WRSU	1399	0500 WKSU 89.7 OH Kent, ID, c	365
1156 KVLV 91.3 TX Beaumont, ID, c	1325	30 Tr	
1723 KBBG 88.1 IA Waterloo, call	937	2201 WGBE 107.9 PA Williamsport, local ads,	
		"Eagle 108", believe had	
		Yankee baseball earlier	142
			73, Joe

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

**TOTALS - 274**  
Equipment: 10 element FM only antenna now used

**SEPTEMBER 18 AURORA**

2100 Aurora noted, no FM IDs, lasted 1/2 hour

**SEPT. 19 TRS**

0635 WXXI 91.5 NY Rochester, ID 235

**SEPT 22/28**

Lockluster traps to SOutwest \*c#@#\*#@!

**OCTOBER 9 TRS / MS?**

0253 WJYE 96.1 NY Buffalo, ID 275

0320 WNTX 96.3 MA Nantucket, ID 210

0330 approx 96.5 - This is the voice of the Blue Ridge Mountains WMAF-FM? Who is this?

**OCTOBER 14 TROPO**

1830 Eastern Long Island very good

1845 WMRV 105.7 NY Endicott, ID 150

1923 WLAN 96.9 PA Lancaster, ID 145

1930 WFRY 102.5, WGHQ 104.7, others

**OCTOBER 15 TROPO-SCATTER**

1543 WTSX 96.7 NY Pt. Jarvis, finally o/pest WJAZ 60

**OCTOBER 16 TROPO**

0700 WGST 91.9 MD Takoma Park, 203

1100 WBRQ 92.1 NY Poughkeepsie, lame! 60

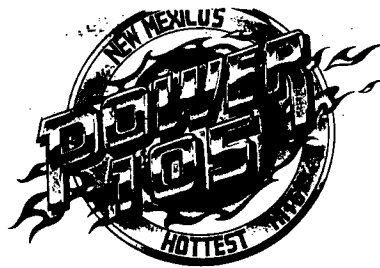
1545 WRSR 96.1 MA Worcester, ID 180

1603 WVVE 105.7 MA Framingham-Boston, ID

Trope-Scatter made but strong!

Nice gettin Buffalo on FM!! Thanks to Greg for confirming them! Trope finally picking up. Hurricane Hugo left this DXer with almost zilch in the way of DX! I'm experimenting with installing narrowband filters in a poor selectivity tuner. If it works I might do a special report on it. I'm glad Danny Buntin of Southern FM DX came up with a list of top tuners. I'd like to see a list of top 5 TV's and car radios!! Is there a ONKYO type car radio out there? Does such an animal exist? Re: CFMK, Finally!! It's about time! I always knew it was them but I couldn't count them, until this past Monday morning when it was one of the best troposcatter openings ever. CFMK was at local strength for up to 5 minutes at a time!! And yes, they IDed-nicely. 88.7 was also empty. WFME 94.7 running open carriers #&\$^\*&\$!! UnIDs on 96.3 include Classical and Laid Back Soul music...DC? Highly suspect CFMX1 as classical. See, it does pay to lose sleep Monday Mornings with locals off! **GOODXing, Bill**

The computer erased page 5 of Northern FM DX, so that will have to wait until next month. Thanks for your comments on the fonts. This font got the best reviews (it's called Avant Garde), so I will use it a lot. Thanks to everyone who reported in 1989. Keep them coming!! **HAPPY HOLIDAYS!** 73 Greg



Also heard on OCT 8 via MS was KUNI 90.9 IA Cedar Falls. I'm impressed with the FT-101, much more sensitive and selective than the Icom. Am using it with a Magnum/Dynalab Signal Sleuth antenna preamp. Also have a Stereo Probe 9 which I hope to get up the next week or so.

73 for now and best DX, Jeff

**REPORT TO NORTHERN FM DX !!**

# SOUTHERN FM DX

Danny Buntin  
1312 N. Skyline  
Stillwater, Ok 74075

DECEMBER 1989

\*\*MERRY CHRISTMAST!\*\*

DEADLINE 10th

For FM DX reporters from: AL, AR, AZ, CA, CO, DE, FL, HA, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA, & WV. Also DC & HI. Happy DXing 1990.

## A SLOW FALL CHARACTERIZES CURRENT FM DXING IN THE SOUTH

Judging from the lack of reports, it appears the hurricane helped trop found most of its effect in the midwest. Overall, Fall reporting is at a very slow level. One DXer, though, got into some trop that yielded up to 740 miles.

### ONKYO vs YAMAHA

This report, comparing two top tuners, is from Bill Nienajedly of Clifton, NJ: Not too long ago Paul Mount kindly bought up his Onkyo T9090II up to Bill Kretschmer's house in North Syracuse, NY. We all decided to give the Onkyo vs Yamaha comparison test. Antennas used were 2 Stereo Probe 9's and CAC 11 coax. Despite 2 100 kw stations at 10 miles and a 3000 watter a mile away the Onkyo T9090II had no noticeable images. The Yamaha did, but it wasn't that severe. The Onkyo managed to dig out a 94.3 next to 94.5 WYYY 100 kw local, the Yamaha didn't. But in all other adjacent tests the Yamaha TX900 was just about as selective as the Onkyo! Like for instance, both got WROW 95.5 right next WRQX 95.7 local at 11 miles. A big difference is the Onkyo tunes like 95.025, 95.050, 95.075, etc. The Yamaha tunes very finely, better than Onkyo. In other differences, we heard less "slop and crashing" with the Yamaha than with the Onkyo. So again even with the potential image problems there, the Yamaha still does come close to the Onkyo and in some cases sounds better than Onkyo!

Two DXers did mention to me that the Carver TX-11 is prone to image problems + overloading. The Carver only has narrow, no super narrow. We did try the Carver in Clifton, NJ at my house a while back and it was somewhat selective, but I really could not recommend it for serious adjacent, weak trop DXing. It would be great for E-skip + strong trop, though. There were a lot of Philly adjacents we didn't hear with the Carver. Quite disappointing for a "serious DX machine", but other DXers swear by it, so I guess it's good in areas not that crowded as NYC.

(Bill also kindly passes along word about how replacing a ceramic filter in modest receivers can soup up the adjacent selectivity comparable to a Carver. This topic may be elaborated upon elsewhere in the VUD. DB)

Jeff Wolf, 1131 University Blvd. W., Apt. 701, Silver Spring, MD 20902

Equipment: Sears AM, FM TV band radio

7/4 Es EDT

1839 KQID 93.1 LA Alexandria, 93-QID

2025 KJEFT 92.7 LA Jennings

2041 KJABT 92.7 LA Leesville

2042 WQCKT 92.7 LA Clinton

7/4 Es

2105 WCKWT 92.3 LA Laplace

7/7 Es

2044 MUF to 93.7

8/18 Es

0946 KNFTU 88.1 TX Denton

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

Equip.: Onkyo T-9090, Probe 9, Archer 18db FM amp. (9/11 only)

9/11 tr, w/FM amp

1644 WYFA 100.9 GA Waynesboro, ID, g 269

2054 WGRM 93.9 MS Greenwood, \$, r, 232

to new air

10/3 tr

1910 WXVO 98.7 TN Oliver Springs, k, 165

\$, new to air

1914 WYNqt 95.7 TN Maryville, "WAY FM", r

1929 WJIG 91.3 GA Fort Valley, ID 196

1937 WMLT 95.7 FL Clearwater, ad 507

1950 WAIL 99.5 FL Key West, prev. Es 740

10/3 tr

2026 WCON 99.3 GA Cornelia, ID, rp 160

2038 WLKQ 102.3 GA Buford, "Lake 102" 133

2057 WCEH 103.9 GA Hawkinsville, ID 230

2058 WTVH 95.3 GA Thomaston, ads, mono 163

2120 W??T 95.1 AL Prattville, "The Fox, 150

Montgomery's classic rock & roll" o/lcl.WNDA

11/1 tr (Both new to air.)

1000 WZLM 97.3 AL Dadeville, rm, \$ 123

1043 W??T 93.9 TN Selmer, mono, J-94, r 137

1408 unTD 102.7 n.east, new station testing

off 1430

Dug out the old FM amp on 9/11 to try for some tropo scatter. First time DXing with amp & Onkyo together. It works fairly well this way as the amp will take a weak signal barely breaking the noise level and make it more audible. It does bring more hiss & noise in along with weak and some moderate strength signals. On some of the open frequencies (the rare few that remain) the amp adds a noise level of 15 db from a normal 5 db. The amp didn't degrade any signal that was already clean to begin with. A normal 38 db signal increases to 50 db with amp in line. With the beam aimed at Huntsville, locals, cont.

SOUTHERN FM DX

Pugh, cont.

DECEMBER 1989

88.5 is the only useless frequency, to my surprise. On other frequencies that overloaded, around 7 of them, pushing in the local mode on the tuner cleared them up and brought in the actual signal that should be there. I'll probably try DXing some more with the FM amp during the winter "doldrums".

Trop on 10/3 was strong into GA with 50 db signals, was trying for needed WQPW Valdosta on 95.7 but WMLT Clearwater, FL was in. Looked for other FL's, and couldn't believe it when I heard WAIL 99.5 Key West! It was in solid for only 8 min. at 27 db, then slowly faded out. No other Key West heard. (sporadic trop?!!)

Re my last report Oct. SPM p. 29, KVIA 93.9 EL Paso is KREB, B-94. I can't figure how I came up with KVIA calls & V-94. I'm deleting the 2 Cuban logs that appeared in my Aug. SPM report, p. 39. 92.3 may be WCMQ Healeah, FL as it is Spanish, although I heard a ref. for "Cuba". The 93.5 station mentioned Santa Clara, but I've been told there may not be a Cuban on that freq. Anyone know of a good listing for Cuba?? '73's.

Doug Allen, w2cra, P. O. Box 5646, Woodland Park, CO 80866

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

(Comments cont. from last month's report)

What a two week period! After finding a missing page of the July log, our revised July totals are 139 new stations and 4 new states! And we passed the 400 station count, our goal for the year! Some of the best DXing was spent on two meters of the totals would have been even higher. We caught three more good Es openings the first half of August. To sum up the Es season, a slow starter that ended with a bang, not a whimper. The Perseids shower was average (good) and seemed to peak a few hours earlier than usual, about 0500 local the morning of the 12th. We've been observing this shower since 1963 when we made our first two meter ms contact. This year we made 27 contacts on two meters and one on 220 Mhz. No FM DXing though. Since acquiring a good tuner we've recorded at least one good tropo session a month. All of the good openings have been in the 500-570 mile range, and we're anxiously waiting to break the 600 mile barrier! So far, the July 3rd tropo to the KC area has given us our best tropo DX at 570 miles. We thought August might pass without any good tropo, but the morning of the 30th saw our first opening into SD, as far as the MN border, Mitchell, at 512 miles.

8/3 Es

2100 WEKU 88.9 KY Richmond ID

8/4 Es

0830 WREO 97.1 OH Ashtabula ID

0832 WHBC-FM 94.1 OH Canton ID

0833 WDIF 94.3 OH Marion g local spot

0836 WHWct 88.3 WI Menomonie local tel \*'s

0838 WZIP-FM? 88.1 OH? ID in noise & "ZIP ROCK 88"

0839 WBGUT 88.1 OH Bowling Green ID in noise sounded like WICU  
Are the above two station the same?

0844 WONE 97.5 OH Akron ID

0850 KHLT-FM 94.1 AR Little Rock "K Light's weather ..."

0900 WRVL 88.3 VA Lynchburg ID

0907 WRCR 94.3 IN Rushville wx & IDs

0908 WQRP 88.1 OH West Carrollton ID

0910 WSKI 92.7 IN Spencer local Bloomington ads

0910 WMLA 92.7 IL LeRoy "Ypur friends in the country WMLA"

0915 WBNS-FM 97.1 OH Columbus ID & "...light and easy..."

0917 WGEA-FM 94.1 IL Watseka "Hamilton Brothers in Waseka"

1020 CHEM 95.9 AB Calgary "less talk more music CHEM"

1028 CKUA-FM 93.7 AB Calgary Access program

1030 CKUA-2 99.3 AB Lethbridge Access // 93.7

1033 C??T 96.9 ?? FF

1044 KQRK 92.3 MT Ronan-Kalispell "KQ-92" STATE \* 36

1049 CBTk 88.9 BC Kelowna local spots // 93.1, 94.1, 94.9

1051 CBYK 94.1 BC Kamloops // 88.9, 93.1, 94.9

1053 CBTA 94.9 BC Trail // 88.9, 93.1, 94.1

1105 CKUA-13 91.3 AB Drumheller Access //

1109 CFOX 99.3 BC Vancouver "the fox rocks" CONT....



Central State University 100 North University Drive Edmond, Ohio 73034

SOUTHERN FM DX  
8/4 Es

Allen, cont.

DECEMBER 1989

1110	CBUF	97.7	BC Vancouver	FF
1111	CKKS	96.9	BC Vancouver	spots "easy rock"
1113	CKO-FM4	96.1	BC Vancouver	over KSQI ID
1115	KING-FM	98.1	WA WA	Seattle spots
1117	KCMS	105.3	WA Edmonds	ID "Christian radio ..."
1123	KAFRT	97.1	WA Walla Walla	something like "Walla sports"
1124	KRKN	96.9	WA Naches-Yakima	singing ID
1125	KATS	94.5	WA Yakima	ID
1129	KVTI	90.9	WA Tacoma	"I 91 is hot"
1140	KGHO-FM	95.3	WA Hoquiam	ID & spots for Christian TV
1141	KUOW	94.9	WA Seattle	c
1143	KDRK-FM	93.7	WA Spokane	"K-DRINK 94 FM"
1150	KZAM	95.3	OR Cresswell	ID
1152	KBPS-FM	89.9	OR Portland	c
1154	KMGE	94.5	OR Eugene	ID
1155	KUGN-FM	97.9	OR Eugene	ID
1158	KOAB-FM	91.3	OR Bend	No ID on hour; NPR news, then OR news
1206	KXIQ	94.1	OR Bend	"summer radio Q 94"
1234	KCRE	94.3	CA Crescent City	ID
1241	KURY	95.3	OR Brookings	local spots

8/6 Es & tr

0900	WEKU	88.9	KY Richmond	ID
0900	WRBH	88.3	LA ID	"New Orleans radio for the blind"
2010	CKSB-9t	89.1	ON FF	in for one hour!
2015	C???	88.3	ON Thunder Bay	
2030	WAXLt	97.7	WI Lancaster	mention of Rochester church event
2031	CJSD	94.3	ON Thunder Bay	spots & "94 FM"
2033	CKSB-3	93.7	MN The Pas	FF c
2038	KNNS	96.9	MN Grand Rapids	"KS 97"
2044	CBKF3t	93.5	SA Zenon Park	FF
2130	K210AY	89.9	CO Buena Vista	KUNC translator
2157	KWYK-FM	94.9	NM Aztec	"95 QUICK"
2208	WKSJ	94.9	AL Mobile	ID

8/10 MS

0802	WUWF	88.1	FL Pensacola	ID
0940	KDHX	88.1	MO St. Louis	ID

8/23 tr & Es

0715	Wichita stations in at 417 miles			
0720	KWKL	106.5	KS Arkansas City	455 miles
0722	KNID	96.9	OK Enid	k 465 miles
1848	WQZR	94.3	AL Greenville	spots
1856	WABB-FM	97.5	AL Mobile	ID
1900	WMAO-FM	90.9	MS Greenwood	ID "PRM Network"
1924	WHSY-FM	104.5	MS Hattiesburg	local spots and ads
1925	WHRT	103.7	MS Hattiesburg	b
1935	KQID	93.1	LA Alexandria	ID
1954	WMAU-FM	88.9	MS Bude	ID "PRM Network"
2000	WRBH	88.3	LA New Orleans	"radio for the blind"
2003	WWMS	97.5	MS Oxford	ID cont...



SOUTHERN FM DX  
8/29 tr

Allen, cont.

DECEMBER 1989

2108	Wichita stations in at 417 miles			
2110	KHCD	89.5	KS Salina	395 miles
2130	KUVR-FM	97.7	NE Holdredge	KUVR-FM ID 310 miles
2155	KEZG	107.3	NE Lincoln	local sPOTs "EZ 107" 437 miles
2208	KZKX	96.9	NE Seward	k 500 miles
2219	K205BR	88.9	KS Colby	"High Plains Public Radio" 200 miles
2220	K257DI	99.3	KS St. Francis	"High Plains Public Radio" 190 mi
The above are KZNA xlaters heard occasionally.				
2302	KUCVt	90.9	NE Lincoln	in noise

8/30 tr ducting

0710	KERM	98.3	WY Torrington	strongest ever heard
0735	KVCK	101.5	SD Gregory	ID g STATE # 37
0744	KWYR	93.7	SD Winner	local spots with winner puns
0747	KPLO-FM	94.5	SD Reliance	k ID 446 miles
0756	KBRX	102.9	NE O'Neill	ID 410 miles
0813	KQRN	107.3	SD Mitchell	ID 512 miles
0814	KESD	88.3	SD Brookings	ID "South Dakota Public Radio" 555 mi: best NE DX
0843	KGRDt	105.3	SD Orchard	g o' KZMC briefly

9/24 tr

2100	Wichita stations in at 417 miles			
2105	KWKL	106.5	KS Arkansas City	455 mi.

9/25 tr

1900	KUVR-FM	97.7	NE Holdredge	remains most consistant 3 KW DX
2000	K257DI	99.3	NE St. Francis	most consistant 150+ mi xlater

9/29 tr

2000	Wichita stations in at 417 miles			
2002	KLSF	96.9	TX Amarillo	ID full q at 309 miles

The superb late July Es conditions wound down, but not without some good August openings. The annual August Perseids is pretty consistent, but seemed to peak a few hours earlier than usual. We stayed up all night the 11th and 12th and made 27 contacts in 15 states on 144 Mhz and one contact into GA on 220 Mhz. In upstate NY I used to monitor FM, or more often, channel 2 or 3 TV for indication of a meteor burst and then make a quick call on 144 Mhz where the bursts are much shorter. This worked fine in NY where there were virtually no stations in MS distance from NW to SE. Here in CO with stations in every direction there was poor correlation between bursts noticed on channel 3 or FM and 144 Mhz bursts. This was the 25th year I've DXed the perseids shower, but always on 144 mhz and above. We now have 37 states logged on FM and 37 states worked on 144 Mhz in less than a year and a half. They are not the same 37 states though! September, the best month for tropo DX back East has been disappointing here. However, I've been on the road over half the month and probably missed some good conditions. One of my trips was to the NRC convention in Topeka where it was good to meet several FM DXers and contributors to YUD. This reminds me; I'll probably spend more time medium wave DXing than FM DXing the next few months despite the fact that I stacked a second Stereo Probe above the first this weekend! A report on that next month.





Pat Dyer, 5315 Silvertip Dr., San Antonio, TX 78228-2744

8/1 Es  
1031 WLAZ 93.5 FL Naples  
1034 WLVE 93.9 FL Miami Beach  
1036 WZTA 94.9 FL Miami Beach  
1038 WSWN 93.5 FL Belle Glade  
1051 WJIS 88.1 FL Bradenton  
1055 WMNF 88.5 FL Tampa

8/2 Es  
2000 WCKW 92.3 LA Laplace  
2317 WGGZ 99.1 LA Baton Rouge

8/3 Es  
0939 KESD 88.3 SD Brookings  
1102 WVPN 88.5 WV Charleston  
1120 WMRT 88.3 OH Marietta  
1124 WNCI 97.9 OH Columbus  
WPKZ 98.5 VA Elkton  
1128 WTOP 98.1 OH Canton  
1131 WKBN 98.9 OH Youngstown  
WWEZ 92.5 OH Cincinnati  
1132 WHBC 94.1 OH Canton  
1134 WKDD 96.5 OH Akron  
1136 WOFX 94.9 OH Fairfield  
1141 WMJI 105.7 OH Cleveland  
1143 WQAL 104.1 OH Cleveland  
1147 WXGT 92.3 OH Columbus  
1148 KHYZ 98.5 TN Fort Arthur  
1150 XHTZ 97.7 ON St. Catharines  
1156 WPTS 92.3 IN Bloomington  
1159 WITN 97.7 OH Lima  
1200 CKSY 95.1 ON Chatham  
GHFI 98.1 ON Toronto  
1203 CJBX 92.7 ON London  
1214 WMHE 92.5 OH Toledo  
1226 WVAE 92.3 MI Detroit  
CKMR 93.9 ON Windsor  
1227 WLLZ 98.7 MI Detroit  
1231 CJOM 88.7 OH Batavia  
1237 WJLB 97.9 MI Detroit  
1245 WDOB 93.9 WI Sturgeon Bay  
1304 CBCB 98.7 ON Owen Sound  
1305 WJPD 92.3 MI Ishpeming  
1312 WKCQ 98.1 MI Saginaw  
1321 WLST 95.1 WI Marinette  
1336 WBWI 92.5 WI West Bend  
1458 KEYA 88.5 ND Belcourt

8/4 Es  
0720 WMHE 92.5 OH Toledo  
0727 CJOM 88.7 ON Windsor  
0729 WSDM 97.7 IN Brazil  
0732 WBVR 98.9 OH Van Wert  
0736 WDFM 98.1 OH Defiance  
0744 WLAB 88.3 IN Fort Wayne  
1942 WOXY 97.7 OH Oxford  
1954 WZQQ 92.3 KY Hyden

8/5 tr  
2123 WCKW 92.3 LA Laplace  
2124 WGGZ 98.1 LA Baton Rouge

8/6 Es  
0922 KEZO 92.3 NE Omaha  
0928 KESD 88.3 SD Brookings  
0929 KUSD 89.7 SD Vermillion  
0931 KELC 92.5 SD Sioux Falls  
0938 KJYJ 92.5 IA Ankeny  
KRIT 96.9 IA Clarion  
1048 KBYZ 96.5 ND Bismarck  
1059 KQDY 94.5 ND Bismarck  
1052 KHHT 97.1 ND Minot  
1100 KEYA 88.5 ND Belcourt  
10137 KAML 96.9 WY Gillette

8/12 ms  
0411 WBKR 92.5 KY Owensboro

8/13 Es  
1245 XHSRO 92.5 NL Monterrey  
1249 TG-- 88.1 GUA Guatemala City  
1250 TG-- 88.5 GUA  
1255 XHJD 98.9 NL Monterrey

8/14 Es  
1924 KLCS 95.5 CA Los Angeles  
1927 KFAC 92.3 CA Los Angeles  
2039 KLCN 88.1 CA Long Beach  
2047 XHRM 92.5 BCN Tijuana

8/17 Es  
1321 HR-- 93.9 Hon  
1858 TG-- 88.5 GUA

8/18 Es  
0629 WKSU 89.7 OH Kent  
0630 WBEE 92.5 NY Rochester  
0647 WYSU 88.5 OH Youngstown  
0649 WAMU 88.5 DC Washington  
0700 WMRT 88.3 OH Marietta  
0720 WKLX 98.9 NY Rochester  
0851 WKCQ 98.1 MI Saginaw  
0859 WMUB 88.5 OH Oxford  
0929 CJOM 88.7 ON Windsor  
0939 CKMR 93.9 ON Windsor  
0951 WWNK 94.1 OH Cincinnati  
0952 WVAE 92.3 MI Detroit  
0955 WKBN 98.9 OH Youngstown  
0959 WBYE 96.5 OH Hamilton  
1002 CKSY 95.1 ON Chatham  
CBCL 93.5 ON London  
1010 WGWG 88.3 NC Boiling Springs  
1015 WRRR 93.9 WV St. Marys  
1038 WPEB 97.9 NC Concord  
1043 WDRP 98.9 NC Windsor  
1052 WYER 94.9 IL Mt. Carmel  
WOPX 94.9 OH Fairfield  
1055 WKRR 92.3 NC Asheboro  
1058 WZZU 93.9 NC Burlington  
1100 WROX 95.1 NC Raleigh  
1101 WYFL 92.5 NC Henderson  
1123 WXIL 95.1 WV Parkersburg  
1127 WWGL 94.1 NC Lexington  
1134 WESG 92.5 SD Greenville  
1136 WKSI 98.7 NC Greensboro  
1138 WLVA 96.9 NC Statesville  
1140 WPAY 104.1 OH Portsmouth  
1142 WVPN 88.5 WV Charleston  
1159 WXLK 92.3 VA Roanoke  
1207 WJNL 96.5 PA Johnstown  
1209 WMEV 93.9 VA Marion  
1210 WRON 97.9 WV Ronceverte  
1212 WMJK 97.7 VA Grundy  
1214 WPCR 94.9 VA Roanoke  
1217 WFCM 97.9 WV Fairmont  
1230 WMYG 96.9 PA Braddock  
1232 WOVK 98.7 WV Wheeling  
1235 WFBG 98.1 PA Altoona  
1237 WSEA 98.3 PA Charleroi  
1238 WQMU 103.1 PA Indiana  
1248 WAXZ 97.7 OH Georgetown  
1300 WLMJ 103.9 PA Kane  
1301 WLER 97.7 PA Butler  
1309 WOBQ 88.7 OH Batavia  
1320 WKJQ 92.5 OH Alliance  
1323 WRRN 92.3 PA Warren

8/22 Es  
1549 WIOV 92.5 FL Key West, cont.....

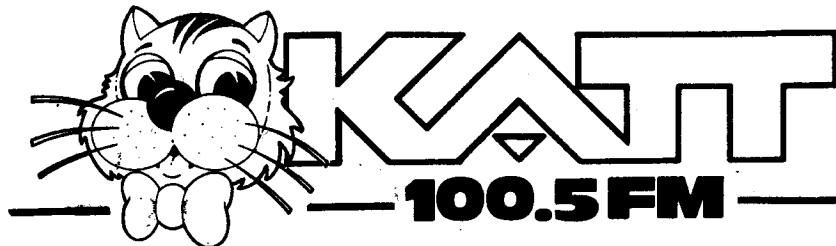
8/22 Es  
1812 TG-- 88.5 GUA  
1823 TG-- 88.1 GUA Guatemala City  
TG-- 88.8 GUA Guatemala City

8/29 Es  
1744 WESC 92.5 SC Greenville  
WBFM 98.1 SC Seneca

8/30 Es  
1619 WMNF 88.5 FL Tampa  
1832 WNLT 95.7 FL Clearwater

8/29 Es  
1744 WESC 92.5 SC Greenville  
WBFM 98.1 SC Seneca

Equip.: TM-1001 tuner with 6-e Archer FM antenna at 20', CST used, new underlined July FM Es about 2.5 times as much as June, but the logging tapes were only just edited etc., so my 52 new catches that month are probably "too old" to report now. 73.



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

Equip.: Onkyo T9090, Antennacraft GFM-10 20 ft. high with rotor

The GFM-10 has to work until I can get around to coming up with a ladder to repair the lead-in that's broken on the Probe 9.

8/18 Es

0331 WLFQ 89.3 SC Greenville, ID, g

During early October, mini-power Stillwater local KKND (ex-KVRO) made a big power move up. Now it's just another potential 3 kw catch for DXers. Formerly, the station existed as one of the lowest powered commercial stations in the country, a little 440 watter at 27 ft. What few DXers have caught the mini-power before probably regard it as one of their most prized catches, outside of a 1 or 10 watter. Before the move up, KKND barely covered the entire city limits of Stillwater with a primary grade signal. Commuters from the nearest little towns 10-15 miles away had a jittery signal to put up with while starting out. The station's studio is housed in a small mall with a 60 ft. transmitter tower adjacent to the building. The tower's HAAT was brought down considerably by the surrounding small valley and neighboring buildings. Now installed atop the tower is a micro transmitter pointed toward the new broadcast tower located about two miles northeast of me, standing on a rather high and broad stretch of prairie. On the Onkyo meter the new signal rates at just over 100 db. Formerly, it was in the high 80's, little better than a local translator. So I was very sorry to see an unusually great potential catch for all DXers become only history. KKND boasts coverage up to 40 miles away to Ponca City and Edmond their new 375 ft. tower. KKND is only dreaming for Edmond, especially for car coverage. There the Oklahoma City tower farm, located just a few miles away, effectively covers up their signal. KKND's tower move pretty much concluded how much rougher going the DXing has become during the 80's in my area of Oklahoma. In Oklahoma City all the high power FM's banded together and one by one helped the Oklahoma City tower farm boom, leading to much improved car reception in Stillwater. Meantime, the Tulsa FM's also flocked to higher towers while several surrounding small town stations threw up tall towers closer to Tulsa. And in the process, abandoned the small town charm in their programming as they played up to the Tulsa metro market. And with Stillwater caught in the middle of all this since it's located the same distance from Oklahoma City and Tulsa, there went many of my good DXing slots. No doubt, many other DXers could tell similar tales about DXing in the 80's. As FM broadcasting grows into the 90's, it will be interesting to see how FM DXing grows with it. 73

###



HAPPY HOLIDAYS &amp; A DX-FUL 1990!

# WESTERN TV-DX

December 1989

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

Deadline: 01-04-90  
Cut-off: 10-01-89

Things cooled down considerably in October 1989. Only a few dates with 500 mile tropo were noted and only one date was reported with E skip, but there was some F skip!

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

Dave Pomeroy, 1169 Webster, Topeka KS 66604-1502

CDT

<u>August 1989</u>	30 tr AM	WAND 17 IL	18 tr 2100	KDOR 17 OK
4 tr 2200	WHC 13 IA	WICS 20 IL		KDAF 33 TX
	KAFT 13 AR	WRSP 55 IL	2200	=KXON 35 OK
	(WIBW-13 off)	Es 1900	WCAX 3 VT	KOKI 23 OK
6 Es 1115	KTVX 4 UT			KTBO 14 OK
1500	KUTV 2 UT	<u>September 1989</u>		WICS 20 IL
	KIDK 3 ID	2 tr PM	unid ch 45 TBN n	KXII 12 OK
1800	WFSB 3 CT	18 tr 2100	KOKH 25 OK	KWTV 9 OK
17 Es 2200	KOTI 2 OR		KXTX 39 TX	K22CP 22 KS
	(1st Oregon!)		KEWD 52 TX	(Salina KAKE-10)
24 Es 0600	CFRN 3 AB		KWKT 44 TX	19 tr AM
tr 2000	KVRR 15 ND		KTEN 10 OK	KOCO 5 OK
	(K15BQ off)		KAUT 43 OK	WICS 20 IL
	KDSD 16 SD		KWKT 44 TX	KWTO 35 IL
	KMEG 14 IA		KWHB 47 OK	

A few good catches for me this time. KOTI-2 was a real surprise as we were watching an ABC program on KQTV-2 (we usually watch ABC on KTKA-49) with no CCI when the KOTI call letters suddenly drifted across the screen. I turned the antenna to the northwest to get a pretty good KOTI signal with some CCI.

September 18-19 tropo opening to Texas was one of the best in some time with strong signals from the Dallas-Ft. Worth area. Other Texas stations weak. KXON-35 faint on second reception here.

K15BQ has been off and on several times and now provides a mix of Home Shopping Spree, religious, and old movies. Station keys K15BQ test with phone number. They plan local programming. Signal is excellent here -- about 4 miles!

No report next month (written 10/04/89 fm) as we will be in Europe -- Italy, Greece, Bulgaria, Romania, Hungary, and Czechoslovakia. Hope to look at a little TV. The last time we were in Czechoslovakia, we visited people who tuned into "The Cosby Show" on Austrian TV! No wonder they're all trying to escape.

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604) 537-5201

PDT/PST

## Equipment:

Hitachi 5" black & white AC/DC (vintage 1980), Kenwood RZ-1 receiver, Sony Beta Hi-Fi MTS VCR, channel 6 trap (xtal). Realistic PRO-2021 scanner with 6 meter (50 MHz) vertical dipole. VHF - Lindsay GA-10FM 10 element wide-spaced FM yagi on Alliance U-110 rotator at 57' asl/agl. UHF - Radio Shack 4-bay with 15-1108 mast-mount adjustable gain VHF/UHF preamp at 45'.

<u>September 1989</u>	18 tr 1041	WA chs 25, 42	9 tr 0720	KUTF 32 OR
11 tr 1305	KAPP 35 WA	(Snow free)	0724	KAYU 28 WA
	KNDU 25 WA	2247		(KTPS-28 off)
	2224 K36-- 36 ??		0726	KNDU 25 WA
	(Unknown KOMO- 4)	2250		(Snow free)
	( See Note # 1 )		0730	KWCT 27 WA
12 tr 2228	WA chs 25,35,47	25 tr 0812	WA 19,25,35,42,47	0734
15 tr 1052	WA chs 15,25,47	28 tr 2148	KUTF 32 OR	
	1334 KUTF 32 OR		2200 KTVZ 21 OR	0738
	1336 KTZZ 22 WA	29 tr 1914	KIMA 29 WA rare	
	(Snow free)		2120 unid channel 58	
	2246 KWCT 27 WA			10 tr 1304
	2259 KVEW 42 WA			F1 1323
18 tr 1030	KTNW 31 WA	<u>October 1989</u>		11 F1 1129
		8 ms 2135	unid ch 3 7secs	

Western TV-DX

December 1989

<u>Mike Cherry (continued)</u>	15 F2 1608	50.760 MHz	25 tr 0838	KUTF 32 OR
	1619	ABQ t		(In all day/ave)
		( 64.25/69.755 )	2202	WA chs 15,29,47
11 tr 2214	unid channel 58	1624	TVN22 t	2208
	2218 KYVE 47 WA			CBUFT6 14 BC
12 tr 2150	CBUT27 59 BC			(Snow free)
	2159 K65BU 65 WA			2214
	(Grays River KTPS-28)	16 tr 0911	KTNW 31 WA	CBUT9 60 BC
	2247 KCKA 15 WA		(CBUT36 off)	2218
	(Snow free)	17 tr AM	WA chs 25,35,42	CBUT25 36 BC
14 F2 1524	51.740 MHz		29 tr 0843	(over KOMO x1tr)
	51.760 MHz			unid channel 24-
1549	62.750 MHz			unid channel 61z
				( See Note # 5 )

## Tropo Scatter Summary (Date / Time / Frequency Band(s) Affected)

Local Enhancement (to 200 mi) - 10-2 / All Day / All Bands; 10-7 / PM / UHF; 10-8 / AM / V-LO, FM; 10-19 / PM / V-HI, UHF; 11-1 / All Day / V-LO, FM.

Regional Enhancement (200+mi) - 10-2 / PM / UHF; 10-14 / All Day / V-HI, UHF; 10-19 / PM / UHF; 10-20 / AM / All Bands; 10-24 / PM / V-LO, FM; 11-1 / AM / UHF; 11-2 / All Day / All Bands.

Note #1 - Help! I still can't find out where this translator is coming from. It only shows up weakly with audio and a bit of video noise. It is probably in northwest Washington due to the fixed position of my UHF antenna. (Mike, I believe this translator must be K36BO at Deming, Washington. fm)

Note #2 - CBUT35, channel 19 off-air due to lightning strike. This translator feeds CBUT36, channel 31 which was off the air as well, allowing me a clear shot at both KEPR-19 and KTNW-31, Tri-Cities, Washington.

Note #3 - This shouldn't be possible!!! There are mountains galore between my QTH and these stations. Very rare! Also heard FM translator in Port Angeles, Washington for the first time plus FM's CFMS and CKKQ, Victoria, same direction came in with full quieting for first time ever. Seems like a duct, although there is no possible explanation for this. Perhaps I was on the edge of a cold/warm front? Weather was partly cloudy and mild. (Mike did not identify which loggings this note belongs with, but I presume the October 12th loggings. fm)

Note #4 - With favorable WWV forecast, I constructed a 50 MHz dipole attached to my scanner which pulled in the audio signals a little better than the RZ-1 receiver with the FM yagi. Loggings are all audio except for the two entries on the 15th when the Kenwood RZ-1 displayed a bit of "video sync buzz" but nothing more (used NBFM mode). Audio was clear with typical F2 fading. Tentatives - mentions of Brisbane on first logging, second had a program discussing "pending legislation from Wellington."

Note #5 - Unid on channel 24- is not new station at Pullman which will be on 24+. Also received same signal on the 29th.

Some good tropo and a few unusual per notes. Fortunately, KEPR-19 is -10 kHz and CBUT35 is on the zero mark (.750). Channel 31 is a little more difficult because both KTNW and CBUT36 are on the zero mark. Thanks to Dave Sinclair for waking me up on October 9th for some good tropo.

I plan to modify my Realistic PRO-2021 scanner to receive from 54 to 88 MHz in order to set up a scan program for south and west Pacific TV and FM frequencies. October 15th the solar flux hit 225, A-index 3 and Boulder-K zero which is the best I've heard yet for VHF DX via F2. I've also been pointing my beam towards Central and South America on channels 3 and 4 hoping to snag Mexico again as I did during the peak of solar cycle 21.

I would like to send Season's greetings to all WTFDA members, contributors and especially the column editors. I hope that cycle 22 is being good to everybody and that we'll get some decent E skip this winter. 73's, Mike Cherry

John Ebeling, 6843 County Road 47, Alborn MN 55702

CDT/CST

Had a little bit of E skip. CFAC-2 from Calgary was in early on October 29th (Sunday Morning) from 0115 CDT to 0108 CST (time switch at 0200), or almost an hour. "Rollergames" program (roller skating and rock music, if you've never seen it) and a movie were shown. Plenty of local Calgary ads and the familiar "2/7" ID given. Signal was snow free at times. Nothing else was noted. John Combs printout lists the distance from the cabin at 1015 miles.

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

CDT

Equipment:

Sylvania 12" black and white, quad loops cut for channels 2-6, Radio Shack U-75 corner yagi.

October 1989

2 tr 0617	KETH	14 TX	319	2 tr 0659	%unid channel 41	6 tr 0625	WDBB	17 AL	294
0619	KBMT	12 TX	221	0700	KXLN 45 TX 319	0629	WITO	21 AL	315
0620	KTXH	20 TX	319		unid channel 44	0645	WJTC	44 FL	163
0620	KLAX	31 LA	179	6 tr 0605	WIOK 11 MS 187	0646	WBNGT	42 AL	
0630	KITV	34 TX	222		WMAWT 14 MS	11 tr 0600	WSFA	12 AL	276
	KVHP	29 LA	181	0608	WCOV 20 AL 283	22 tr 0048	W19AW	19 LA	
	unid channel 36				WAPT 16 MS 161		(Baton Rouge LPTV)		
0645	KHTV	39 TX	318	0612	WMOA 32 AL 286	0102	unid channel 36		
0658	KTVE	10 AR	247	0620	WTSG 31 GA 387		(See Note)		

Note - 10/22 @ 0102 - Unid with Texas A&M - Baylor game. If Texas, Austin is possible at 454 miles, but very unlikely since not much else was in at the time. Tropo scatter unlikely also - signal in for over two hours (no ID). New one in Paris, Texas? LPTV?

Morning enhancement comes alive! I think I've done pretty well for being in a ground floor apartment. Still waiting for that Super Tropo, though (maybe Thanksgiving?). I have a question about the channel 22 in Galveston that was identified as KLTJ in the September VUD. If this is KLTJ, is there also a KLTJ on channel 49, Irving, Texas (as in data base), and on channel 57 in Baytown, Texas? What gives?

(KLTJ are indeed popular call letters. Back in mid 1987, Irving channel 49 changed call letters from KLTJ to KHSX. At that time, the Baytown channel 57 permit's call letters were changed from KRTW to KLTJ. In July of this year, Baytown changed its call letters back to KRTW and Galveston channel 22 changed from KUYA to KLTJ. fm)

Nathaniel Ely, 3810 Sycamore Avenue, Madison WI 53714

CDT

Equipment: See November Western TV-DX

October 1989

1 tr 0030	WUAB	43 OH	409	1 tr 0247	WOIO 19 OH 409	1 tr 0415	CITY	57 ON	503
	WQHS	61 OH	409	0310	Iron Mtn x1trs	0429	WJET	24 PA	479
0133	WOSU	34 OH	390		200	5 tr 0156	WBMG	42 AL	677
0146	WVIZ	25 OH	409	0349	unid ch 62 MI?	0158	WDBB	17 AL	671
0153	WAKC	23 OH	423		(PTA: Iron Mtn	0233	WTO	21 AL	677
0212	&CBLN1t	56 ON			or Crystal Fls)	27 tr 0211	WJET	24 PA	479
	(AN 3/4 CB's ??)			0414	CIII41 41 ON 503		WOIO	19 OH	409

I wish there had been more. 73, Nate

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

CDT

Equipment: See November Western TV-DX

September 1989

27 tr 2111	WUSI	16 IL	402	28 tr 1156	WCVN 54 KY 407	<u>October 1989</u>			
2345	KDNL	30 MO	432		WPBO 42 OH 462	1 tr 0515	&CBFLT15 34 ON		
28 tr 0422	KSNF	16 MO			WUOC 44 OH 427		(Full color bars)		
	KDEBt	27 MO			WHIZ 18 OH 400	0538	KDNL	30 MO	432
	KNLC	24 MO	432		WKPC 15 KY 437	4 tr 1820	WCET	48 OH	400
	KDNL	30 MO	432		WOSU 34 OH 395	5 tr 0600	WXMT	30 TN	
	WTTE	28 OH	395	29 tr 2237	WUSI 16 IL 402	0630	WTU	30 IN	
0432	KTAJ	16 MO	498	2257	WCET 48 OH 400	14 tr 0545	WCET	48 OH	400
0436	KAUT	43 OK	820		WKON 52 KY 437	2048	WGKI	33 MI	110
0559	WFIE	14 IN	420	2324	W36AO 36 IL 169		(Fox - Stronger		
	WGRB	34 KY			(Palatine VJN)		than WCMV-27)		
	WDRB	41 KY	437		2342	KDNL	30 MO	432	22 tr 0730
	WTVQ	36 KY	473	30 tr 2115	WIII 64 OH 400	0800	WQLN	54 PA	405
0623	WWSBN	47 VA	587		WCET 48 OH 400		WSEE	35 PA	405
1156	WXIX	19 OH	400		WXIX 19 OH 400		(Abv 3 snowfree)		
	WCET	48 OH	400		WKPC 15 KY 437		WKBN	27 OH	420
					WDRB 41 KY 437		WYTV	33 OH	420

William Draeb (continued)

22 tr 1654	WKYT	27 KY	473	24 tr 1737	WSFJ	51 OH	395	24 tr 1759	WXIX	19 OH	400
	WTVQ	36 KY	473		WKON	52 KY	437	1824	WHIZ	18 OH	400
	(Abv 2 snowfree)				WCVN	54 KY	407		WUOC	44 OH	427
2207	WNYB	49 NY	445		WYMT	57 KY	553	25 tr 1821	WCET	48 OH	400
2257	WUTV	29 NY	445		WIII	64 OH	400		WKON	52 KY	437
	WNET	23 NY			WKHAt	35 KY			WXIX	19 OH	400
	WNET	17 NY	445		WTVQt	36 KY		26 tr 2003	WCET	48 OH	400
2217	Toronto	19,41,47			WOSU	34 OH	395		WKON	52 KY	437
	and 57				WSBNT	47 VA			WIII	64 OH	400
					WPBO	42 OH	462		WXIX	19 OH	400
24 tr 1737	WCET	48 OH	400		1749	WSBNT	47 VA		2125	WGKI	33 MI
					1759	WGRBt	34 KY				

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

CDT

Equipment:

RCA XL-100 19", rabbit ears - VHF and 4 bay bow tie / screen at 20' on an Archer rotor - UHF

August 1989

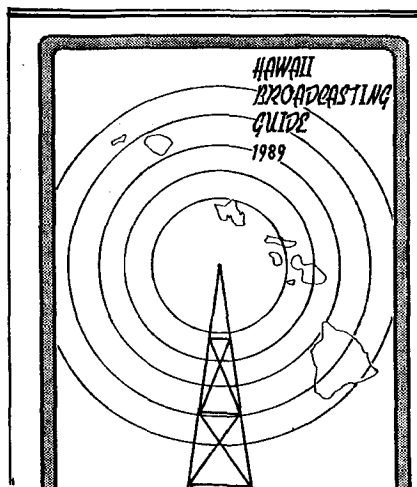
23 Es 2207	KXJB	4 ND	620	18 tr 2130	Topeka 27,49	18 tr 2331	KCCI	8 IA	350
	KGFE	2 ND	680		KMCI 38 KS		2336	KHSX	49 TX
2231	KWSE	4 ND	760		KPTM 42 NE 245	19 tr 0002	WAND	17 IL	470
					KHBS 40 AR 240		0010	Chicago	26,32t
					KSNF 16 MO		0020	WRSP	55 IL
					2210	KWNL	7 IA	435	unid ch 51 east

September 1989

18 tr 2130	Dallas	21,33,39		2300	KJTMt	38 AR		0027	KTIN	21 IA	375
	Tulsa	17,23,47		2308	KLJB	18(IL) 440		0030	=WICS	20 IL	450
	K.C.	19,41,50,62			KHOG	29 AR	210	0144	WHO	13 IA	350

I was quite surprised by K59DA here in Wichita on July 14th. I called the TBN Engineering Department to find out the exact location of the transmitter site and power. TBN acknowledged that it is one of their owned and operateds. The transmitter location is downtown at the abandoned AT&T tower. "Testing" power is 650 Watts erp, but upon FCC approval, the erp is to be increased to 8.2 kw. That power increase was supposed to have happened within a few weeks of the original July 3 sign-on according to TBN. However, four months later, the signal is still snowy on a bow tie six miles from the transmitter's omnidirectional antenna.

Here in Fargo, TV-DX has been nonexistent. Thanks to everyone who contributed to Western TV-DX this year. I hope everyone has a happy holiday season and that 1990 is an eventful year for our hobby.



# REVIEW

Here's a mini review of a booklet that might just be the next best thing to a trip to Hawaii for a DXer. It also is something that anyone near the California coast should have, what with all the recent news of CA-to-HI FM and TV DX. Frank Aden does a great job listing all the pertinent data on the "Aloha state" AM, FM & TV stns. Just reading through these lists makes you want to go there! Includes accurate addresses, phone, technical data such as powers and antenna height, and names of key station personnel--important if you want to be sure a reception report gets answered. For info on price and ordering: contact Frank Aden, 5147 Morris Hill, Apt 133, Boise ID 83706.



# TELEVISION IN SOCIALIST CUBA

BY JULIAN ANDERSON  
(COURTESY CESAR OBJIO, VIA NATIONAL RADIO CLUB)

Hello, this time I'm going to comment on television in a Socialist country, such as Cuba.

Info was made available by Luis, a friend who lives in Camajuani, Villa Clara. The name is omitted for obvious reasons.

With 10 million inhabitants, Cuba has 1,622,00 TV sets, that's to say an average of 1 set per every 6.16 inhabitants (data Aug. 85).

Colour norm is the American (NTSC) and the system is "M". TV sets are generally made with Soviet parts, and assembled in Cuban factories. Their quality is really poor.

There are two networks, government controlled, which are: "Tele-Rebelde" (Rebel-TV) and Television Cubana (Cuban Television), being the latter popularly known as "Canal Seis". Both networks have their base in La Habana; "Tele-Rebelde" has 29 repeaters, and "Canal Seis", 30.

A short mention is necessary for the AFRTS Channel, in Guantanamo Bay, limited to its 0.485 kW power.

The two Government Networks have the following operating time:  
- Tele-Rebelde: Sun/Fri 0700-2300, and Sat 0700-2400

- Canal Seis: Sun/Fri 1000-2400, and Sat 0900-0100, always local time.

This unusual extense timetable is because (among other reasons), they want to avoid the reception of foreign channels (the Yankee ones, that is), which are easily received in the country. But in days of good reception, Luis is able to receive American, Mexican, Jamaican, Haitian and Dominican channels during the late evenings and early mornings.

The State keeps a team of censorship which control all that is to be projected so as to make sure it corresponds to the Communist point of view.

Filmic materials has 6 main origins: the USSR, UK, GDR, France, Japan, & the USA. As secondary suppliers, we can name, Mexico, Venezuela and Spain, and Socialist countries as Poland and Czechoslovakia.

Programmes from Western countries are usually about historic facts, as BBC, RTE or TDF serials.

Mexican and Venezuelan programmes are generally TV novels (most tiresome, Luis writes).

US films (not serials) are usually those which describe Social problems, following the Castrist policy of showing the inefficiency of the Capitalist system.

Cuban-made programmes are basically divided in 3 groups: Educational/Recreative, "Fiesta" (featuring typical music), and Political-promotion.

Nevertheless, a private significance can be assigned to news and sports programmes: the news are called "NTV" (Noticias en TV - News on TV), and are broadcasted twice daily, between 1300-1330 and 2000-2030 hrs, local time.

Those that have to do with sports are generally baseball and Boxing (both favorite sports in Cuba). Also there are many programmes that have to do with athletics, as usual in Socialist countries.

Nearly everyday Socialist-Dogma programmes are broadcasted, which are shown during classes at school, these programmes, which are also Educational, of course, are called "Tele-Clases".

During weekends it is most common that both channels join the "Cadena Nacional" (National Network), and that they transmit extra-long Fidel Castro's speeches (most boring, Luis writes again).

On Sundays you're able to see "special programmes" which show how "trabajadores voluntarios" (voluntary workers) bestow their resting-day to the Nation's benefit.

As a resume, Cuban Television presents a generally-good standard in Educational & Sports programmes, but on the other hand programming is so heavily censored that people don't trust news or dogma programmes, as all are known for their "Pura Propaganda" (pure propaganda, that is).

With this article I've wished to give an updated panorama on Cuban TV, which is similar to that of Nicaragua. I'll write some further articles of this type no sooner than I have the necessary info.

Julian Anderson, from  
PAMPAS DX-ing!

## INTERNATIONAL NOTES

NOVEMBER 1989

conducted by Ronald Stock

WE'RE BACK with the VUD's column for the news and views of WTFDA clubmembers outside of North America. Not many items of interest have come in, plus my heavy vacation/travel schedule as well as club mail processing keeps me from the keyboard in the busy DX'ing months of the year! It does seem to be a HUMDINGER of a Fall with EUROPEAN TV now showing up here in Western NY on my converter but nothing very ID'able! Looks like video art!

ANYONE have any interesting ideas for F2 TV DX antennas? If you do, it might make a great V.U.D. article. From JEFF KADET comes an inquiry on this. I know many of you trying for 48.25/49.75 European video are using "ground plane" (vertical) antennas. Since the ghosting is so tough, does anyone have an opinion about the best antenna to use for F2 TV from Europe? After all, bottom cutoff for most U.S. TV antennas is 54 MHZ.

That will be it for this column.....Always great to hear from you DX'ers outside North America.....please though, no trivia stuff, I really don't need to know what soap opera is #1 in Italy or how popular "Dallas" is in Denmark.....back again soon with a story about how TROP0 dx made news headlines in Europe and comments from LES REMMER about KOREAN TV. 73, RON

## STATION BREAK

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

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

FOR SALE - We have arranged the following (below dealer pricing) for new in the box, UPS shippable antennas as follows-  
Channel Master Stereo Probe 9 (138" boom) \$57.46 plus UPS  
Channel Master Stereo Probe 6 (87.5" boom) \$41.39 plus UPS  
Antennacraft FM-10 (120" boom) \$31.00 plus UPS  
Antennacraft P-7 (parabolic UHF) \$59.00 plus UPS  
Antennacraft P-5 (parabolic UHF) \$41.00 plus UPS  
Antennacraft CS-1000 (30 el. 150" boom VHF fringe ant.) \$49.00 + UPS  
The above prices are for Worldwide TV-FM DX Assn. members only.  
Best time to reach us is weekend mornings (no collect calls please).  
Doug Allen - PO Box 5646 - Woodlawn Park CO 80866 (719) 687-3549

WANTED FOR TRADE - Current, unedited cassette recordings of WMBR 88.1. I will send current, unedited cassette recordings of WQQK 92.1 or other Nashville-area FM. Erich Schulman (KTN4CA) - MTSU Box 9439 - Murfreesboro TN 37132

FOR SALE - YAESU FRG-7 shortwave receiver for sale. Covers 500 kHz-30 MHz. No bells, whistles or digital readout--just a good receiver. Will include Grove Mini-tuner. \$100 ppd. Must sell soon. John - (904) 389-2451

FOR SALE - YAESU FT208R 2-meter handie-talkie. 10 memories, direct keyboard entry, 4 watts high/2 watts low, speaker mike, rubber duck, DC adapter/trickle charger, 2 battery packs. \$125 ppd for whole package. Licensed ham only (verifiable in Callbook). Must sell. John - (904) 389-2451

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

# FEEDBACK

MEMBERS COMMENT ON THE LAYOUT OF THE VHF-UHF DIGEST...IS THERE TOO MUCH "FILLER" AND TRIVIA? SHOULD THERE BE MORE "DX-RELATED" TOPIC COVERAGE?

I have got to wonder whether many folks who send in items and reports to the newsletter are actually DX-ing enthusiasts or "radio trivial pursuit" buffs who find more enjoyment in reading about stuff that relates to the broadcasting business. Isn't the hobby supposed to be about DX-ING?

Many of our writers send in long lists of stations logged. Often they are boring and sometimes kind of "stale." DX news loses impact unless spontaneously reported -- with some members seemingly waiting to see if anyone else has reported on the same "opening." This means little or nothing to a person like me...I am way more interested in the equipment used by them and the methods they use to identify their stations. And since you bother to print them, isn't there any way these total logging numbers can be checked or verified...just for instance, how about [EDITOR'S NOTE: Name of DXer deleted--not a WTFDA member] who claims to have logged THOUSANDS of stations, yet his "loggings" are actually the result of traveling to the stations themselves, and swapping tapes of the ID's with people around the continent. Some of you who are station engineers already know about this. Why not have a club committee to check into the claims of people like him?

Then too there are those who enjoy expounding ENDLESSLY about loggings of stations that can be heard on a regular basis. Why are there not more auroral- and meteor scatter enthusiasts reporting to the newsletter--are they not closer to the pursuit of DX-ing than those who are monitoring "easy catch" stations from the city less than 200 miles away?

PLEASE let us have more "news you can use" aspects such as receiver (tuner) evaluations, plans for DX-antenna arrays, technical tips, more photos, and the like. It would make the newsletter far more interesting and maybe more DX-ers would be inspired to report/write technical articles!

Sorry to offend those "non-DX-ers" in the club -- that's how I see it.

--Adam Hostetler, Houston TX

Is there anything we can do to get Northern FM looking a bit "neater?" Also, too many horizontal lines cross the pages. I would prefer reading paragraph style reports as opposed to lists...paragraph form would be the neatest way, if it's okay to send them in that way. Now, I am not being critical of Greg C., it's just that S.F.M. looks so much better. Maybe it's the hardware they use.

Another point. I see reporters' comments at the end of their reports duplicated again in Bruce Elving's FCC FM News. Does he really have to reprint all that stuff? Also, I read a lot of stuff that probably should be in a trade publication (in the Forum, for example), not in a DX oriented magazine. Why put it in just to take up space? Now take TV News. Although I am not primarily a TV DXer, I enjoy that column better because it lists the stations and the submissions to the forum don't wander off or go off on tangents like some in FCC FM. Western and Eastern TV really have the best appearance.

Go look, sometimes, at the VUDs from 1971 or the old mimeographed VUDs (I have some). These tended to concentrate on DXing - not industry news, or meaningless debates on AM stereo vs. FM stereo, or all band radios, or proposals on new commercial radio bands, etc. The tendency seems to be shifting from FM DX to FM listening.

Now most editors don't do this, but FCC FM seems to be going that way. It keeps getting larger, but with less meaningful information (I hope B.E. will forgive me!).

I have enjoyed the VUD for almost (good grief) 20 years. You guys do a great job!! I hope you don't mind the comments.

--Mike Bugaj, Enfield CT