

WORLDWIDE TV-FM DX ASSOCIATION  
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first class mail

11/91  
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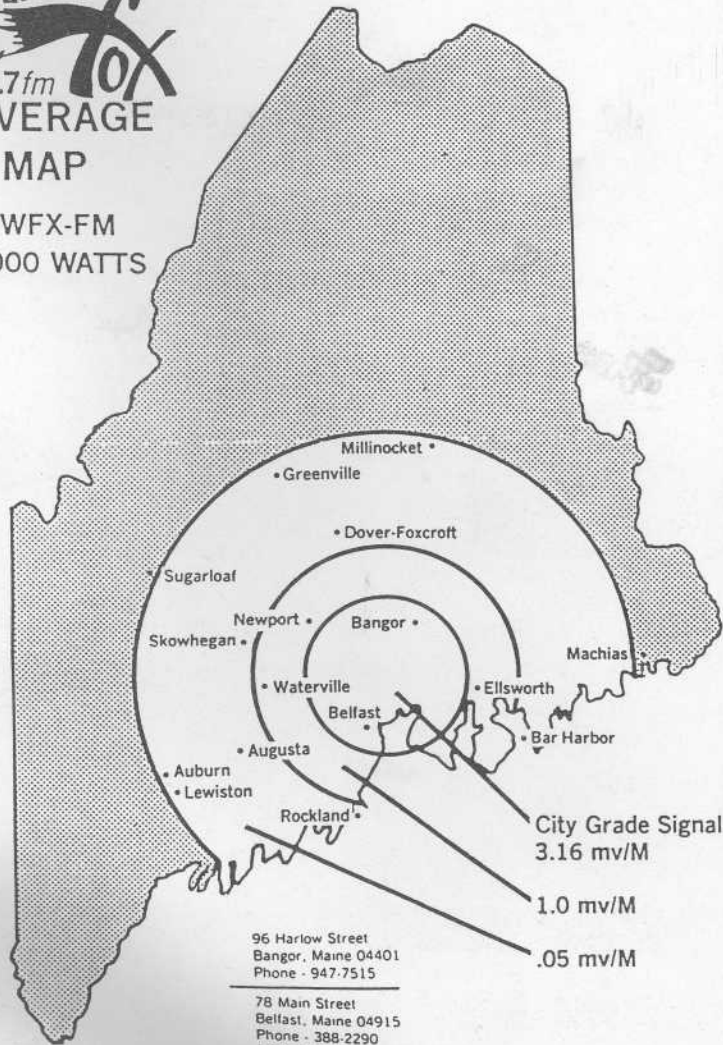
# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JUNE 1991

All Hit  
 104.7fm  
 COVERAGE  
 MAP

WWFX-FM  
 50,000 WATTS



96 Harlow Street  
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 Phone - 947-7515

78 Main Street  
 Belfast, Maine 04915  
 Phone - 388-2290  
 1-800-223-3699

## SATELLITE NEWS



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

Not too much to report this time around. The Morelos birds have been playing musical chairs with their services this time though. Below are the changes that I have noted:

XEW from Morelos 1 XPDR 14 to Morelos 2 XPDR 14  
XHGC from Morelos 1 XPDR 10 to Morelos 2 XPDR 8  
XHTV from Morelos 1 XPDR 7 to XPDR 14  
the station from Merida on Morelos 2 XPDR 2 has either disappeared, moved, or is now in a tight spot beam not visible here.

Changes continue on Telstar 303 and seem too fluid to report at this time, but TVN Pay-Per-View is now in full swing using XPDRs 1 thru 9, 20 and 24 as the barker channel.

CNN International on Galaxy 2 XPDR 1 is now Leitch encoded.

Some interesting notes concerning PanAmSat. The TV Japan NHK feed remains on Ku XPDR 1 with Japanese programming. While many feeds on this bird are spot beamed and not visible here, there are some exceptions. On KU the USA Cable Network football feeds from Europe are fed at times. On C XPDR 2 seems to be a feed channel with occasional items from religious broadcasters in the USA. A Soccer match from Television Nacional de Chile was also noted. XPDR 22 is Panamericana Television (PanTel) ch. 5 from Lima, Peru.

There's another new bird in orbit - Spacenet 4 currently at 101 W. It was to have been called ASC 2, but was sold to another owner. It has 16 C and 6 Ku transponders.

The Monitor Channel is found on Satcom 4 XPDR 20.

The Outlaw Music Channel is now on Westar 4 XPDR 21

That's all for this month. Look for the yearly reviews in a few months. See you in 30.  
"73's

*George*

MTV NETWORKS

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## THE MYSTERY OF BACKSCATTER

There is a weird propagation mode that is known as "backscatter." This is often associated with E-skip, but nobody seems to understand it very well. My own opinion is that an E-skip cloud has little to do with it, even though one often observes it happening during a skip opening. Many times, I have had oddball loggings in the direction of a skip area. For example, WPVR in Roanoke while TX is in, WRAL in Raleigh while FL is in, WGAR Cleveland while WI is in, etc. (QTH near Baltimore). The interesting thing is that these backscatter (bk/s) loggings usually only happen at one frequency; that is, no other Raleigh stations can be heard or seen. Also, the bk/s loggings are always in the direction of the skip area, and at a distance well out of range of normal groundwave reception. The received signal may be higher or lower than the MUF (Maximum Usable Frequency) of the skip opening. The distances involved, and the narrow frequency range suggest a troposcatter mode, but the mystery is that it is almost always in the direction of skip. Perhaps this is merely because you have your antenna (and your attention!) in that one direction.

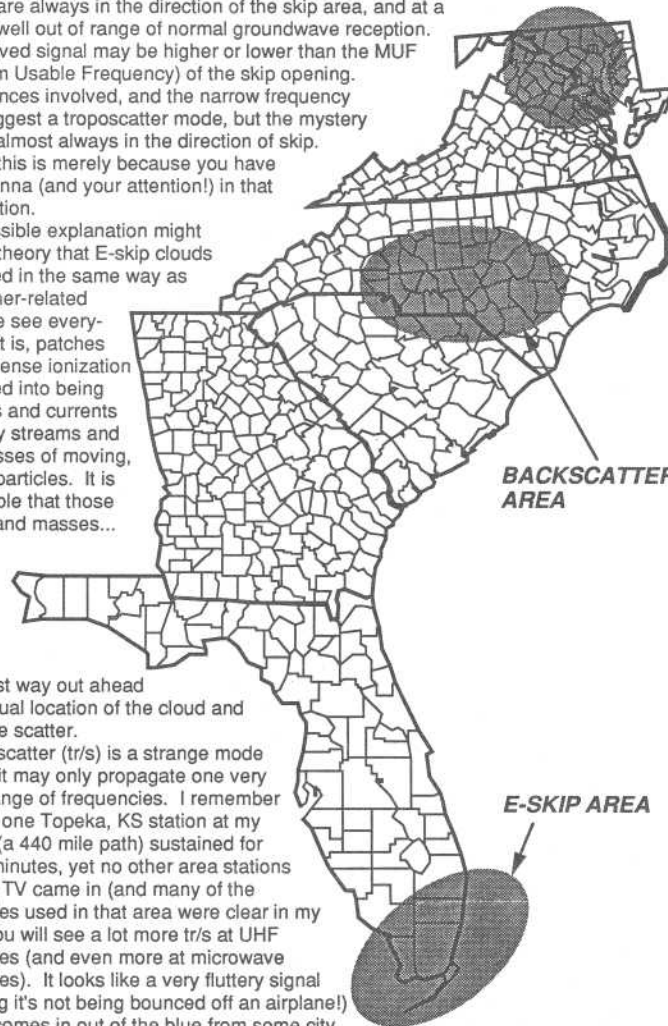
A possible explanation might lie in the theory that E-skip clouds are formed in the same way as the weather-related clouds we see every-day. That is, patches of extra dense ionization are swirled into being by eddies and currents formed by streams and large masses of moving, charged particles. It is conceivable that those streams and masses...

could exist way out ahead of the actual location of the cloud and induce the scatter.

Troposcatter (tr/s) is a strange mode itself, for it may only propagate one very narrow range of frequencies. I remember receiving one Topeka, KS station at my TN QTH (a 440 mile path) sustained for over 30 minutes, yet no other area stations on FM or TV came in (and many of the frequencies used in that area were clear in my area). You will see a lot more tr/s at UHF frequencies (and even more at microwave frequencies). It looks like a very fluttery signal (assuming it's not being bounced off an airplane!) that just comes in out of the blue from some city, say, 150-400 miles away.

Backscatter is something to look out for this summer while DX'ing E-skip openings. You may get some new, surprise loggings that might not come in any other way. As I have DX'ed over the last few years, I've noticed that the bk/s seems to occur as a skip opening is dying (perhaps this is just because the band is quieter). Anyway, think about it, and if you have any good theories as to how bk/s might be related to or induced by skip, I'd love to hear about it.

-Tim McVey



Bruce F. Elving, Ph.D., Editor  
General Delivery  
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Contributions earnestly solicited!

## Readers' Reports and Phase Shifting News

KRRC \*107.5 Portland OR is off the air, because of the new stereo FM station, KDBX 107.5 Banks OR. KRRC is seeking 104.1 "and more power," says Craig Pattillo. Ten years ago, KRRC was on \*89.3.

Bill Nienajadly and Robert E. Schweitzer sent information on WAWZ \*99.1 Zarephath NJ thwarted by the NJ state appeals court in its desire to be a more prominent DXing target by building a 115 meter tower. The court backed a local zoning panel, which found the tower would be used for profit in leasing space for 28 repeater antennas. Pillar of Fire's attorney said they would reapply for the variance, this time without including repeater antennas to be used for commercial purposes. "Heh!" as Bill would say, they could still lease their SCA for commercial purposes and retain their old tower. Robert says, "Of course I love the FM Atlas!" He seems to like this column "and the SCA tape which I purchased about 10 years ago."

Mark Strickert found WNJL \*90.5 Rockford IDing with De Kalb; it's on the same tower as WNIU \*89.5, and he's learned that WHKQ 92.1 Racine has gone to easy listening, even though they're hard for him to DX in neighboring IL. Mark's club, DecalcoMania, "the club for fans of radio," is having a get-together 12-14 July at Speedway IN, near Indy; nonmembers are invited. You might write the club at PO Box 126, Lincroft NJ 07738 for more information or send \$1.25 for a sample (\$1.50 in Canada).

Jim Nahirniak wonders how the CRTC would consider moving CHYR AM in Leamington ON to 96.7 FM, since they are so close to CKGL (100 kw) in Kitchener. "Turns out the two stations are co-owned, and will probably accept interference from each other. . . Maybe they're expecting a decision on the FM soon?" muses Jim, who wants to compute FM coverages and who ordered the FCC curves with explanation (at \$2 from the above address).

From Camp Lejeune NC Mike Hardester reports that employees of WZYC 103.3 Newport NC have bought it and the AM. "To paraphrase Victor Kiam, we like the stations so much we want to buy them," said General Manager Ben Ball. WZYC's broadcast range, under nonDX conditions, includes Jacksonville, Kinston and Greenville, in addition to Carteret County, writes Mike, who adds: "With all of my FM radio equipment in storage (I'm living in Navy barracks until my family can move out here), virtually nothing FM-radio related has been done. However, if I see something locally which relates to the hobby, I'll forward it along."

Ed Locker bought three pairs of Murata 150-kHz FM filters for better selectivity and says, "These filters are great! All of my receivers are getting a pair! Thanx." [Other DXers might want to get my catalog to find out about the filters and installation service.] If you find Murata-Erie hard to deal with directly, it's because they want to work more through distributors. They demand a \$1,000 order to do business directly, according to "Electronic Buyers' News." The company deals with 13,000 OEMs (original equipment manufacturers), with

14% of its business through distributors.

Florida's Chris Dunne has been enjoying his new receiver and DXing FL and Cuba stations, sometimes in stereo. How about trying for CMHW 93.5 Santa Clara on skip? He's heard it in pseudo stereo, but the program was mono; perhaps at times it is true stereo, and thereby able to send a binaural thrill up both sides of the spine of a DXer able to tune in this elusive country. "Hey, how's the feedback been re Saul's 'nuclear' comments?" Here's a comment from John Ebeling:

"Whether he likes it or not, the G-E Superadio is far and above anything else on the market, and has been for a number of years now. As far as nuclear weapons go, it is just another diversification in a vast corporation. I think he is way off base in asking you to use other equipment. Panasonic, a product of the largest electronics firm in Japan, has never been a good product in my estimation. Most of their older (6-7 years ago) stuff is usually a piece of junk when it comes time to repair them—one thing after another is found defective. GE & RCA, divisions of the French Thomson Electronics Corp., usually put out a pretty good product and provide support for the products after the sale. Philips owns Magnavox, Philco and Sylvania and as a large Dutch company, I am sure that somewhere, somehow they are also in the armament business. You run your business your way, and sell the products you like. Let comments like Saul's amuse but not sway you. One must remember, GE is a corporation (under Thomson) and as in most cases, is motivated by the bottom line. How they obtain that result is their business. Every year Honeywell has protesters up in arms about their war effort." John has heard KLKS Breezy Point MN testing on 104.3, poised to move from 95.3, and the only club supplies he has are VUD back issues.

Saul Chernos writes back: "I appreciated the interest you showed about my concerns about GE. The GE campaign is just a fraction of the work being done by the peace movement. It's true—GE is but one of many manufacturers of weapons of mass destruction. There are also campaigns focusing on Litton Systems and Pratt & Whitney Canada. So, I accept your rationale, that other companies are equally complicit. But I support work to pressure any company, including GE. I also support what's being done on a broader scale. I do watch NBC occasionally for the news, but I do realize who is funding the newscast. I also won't stop DXing stations owned by companies I don't like. I'll just do my [best] not to give them my hard-earned dollars." Saul sent an item about CKQN 99.3 Baker Lake NWT seeking financial help to keep it alive in its 1300-person community. I believe John Ebeling DXed CKQN in northern MN several years ago. Saul is also a writer for "The ACTivist," with an article he wrote in that newspaper, "Media Coverage Helped to Sell War," and he sent an article, "Pratt and Whitney—Building Death Around the World," which looks more like a religious tract.

Keith Pugh mentioned WJAB \*90.9 Huntsville AL has been testing and will soon be DX ready with jazz and blues, probably jf format, testing with no stereo. He

FCC-FM

thinks St. George SC 107.5 may have changed calls, now simulcast with "Sunny 100," WSUY Charleston SC, confirmed as having stereophony. I still show the calls as WKQB on 107.5. He sent copies of letters from the "Huntsville Times" scolding WZYP 104.3 Athens AL for taking over WKQD 93.3 Tullahoma TN, and turning it into WHVK as country. During the change-over all you heard on 93.3 was the sound of sawing, yelling and breaking glass over and over. "Obviously, WZYP does not believe in the American way of fair competition. Even if this is 'technically legal', it certainly isn't fair to the listeners," writes Jim Cummings and Lise Weiner.

CA's W. R. McIntosh sent a story about the competition in the desert outside L.A. involving KGMX Lancaster CA and KAVS 97.7 Mojave. They're intensifying the battle to hold local audiences from major Los Angeles stations and fighting each other in the process. Ads on KAVS range from \$15 to \$25 per spot, while on KGMX they are priced \$14 to \$40. Catherine Moreau, KGMX general manager, has consciously reduced the



number of ads per hour, most likely to appeal to DXers who will then be inspired to stay on 106.3 and send in reception reports.

Len Kruse says WJTM \*88.1 Frederick MD is on the air and DX ready—same folks who own WJTY \*88.1 in Lancaster WI and KJTY \*88.1 in Topeka KS. Seems that company wants to monopolize 88.1 DXing when the skip rolls in! JTY means "Joy to You," and I need to know whether or not WJTM is stereo.

"Thanks for the nice words about the column," says Greg Coniglio. He's using a Macintosh LC computer and two desktop publishing programs for IBM compatibles. "I would recommend a desktop publisher if possible over a word processor, because you can do more with making columns and news, moving blocks of text, inserting graphics, various fonts, etc." He has heard local CJFT Fort Erie ON testing on 101.1, however using probably only its 10-watt exciter. Do let me know when they come on if they're stereo and their music format. WBUF 92.9 now "Mix 92.9," strict, with calls hidden in the weather forecast, while Erie's 103.7 has stirred itself into WMXE, "Mix 103.7." Greg plans to be at the convention in Dunkirk NY this summer, as I am tentatively planning to do.

Mike Cherry says that the new CRTC regulations for FM could make for less foreground/talk programming and DXers might find FMusic stations as prevalent in Canada as in the U.S. He's hoping to update this column on what station news he hears as skip rolls in. Because of limited roof space he is having to juggle antennas and might be without the use of a good FM antenna during part of the skip season. He looks forward to reading more on antenna nulling and using multiple arrays.

June, 1991

Al Quaglieri reported on translators in the Albany NY area, saying the WFME one in Olivebridge NY is on, but limited by strong WVCR \*88.3 Loudonville to the north, while the WFME translator in East Windham NY is also on, but now interfered with by WAMC-1, which reportedly is on the air in Troy NY, and testing both on 89.9 and 90.3. Do let us know which frequency WAMC-1 settles down on. WZAD Wurtsboro 97.3 has been purchased by WDST 100.1 Woodstock and now relaying WDST 7 p.m. to 6 a.m. weekdays, 24 hours weekends. FCC approval is expected to eventually allow fulltime simulcasting.

Bill Nienajadly sent word that WQRC 99.9 Barnstable-Hyannis MA is being sold for \$5.5 million, but it owes the Bank of New England \$9.2 million. Format would stay the same. KSHE 94.7 Crestwood-St. Louis fined \$25,000 for broadcasting a mock warning of a nuclear attack during the Persian Gulf War. Bill and another person mentioned WZFM 107.1 now WXPS, "Express 107.1," but not strict, Briarcliff Manor NY. And DXers hearing French on 91.5 should consider it may be WNYE Brooklyn, which airs about 20% of its schedule in that language, albeit monophonically. WSKQ-FM 97.9 NYC airs non-Spanish songs occasionally. WDRE 92.7 has a small but very loyal audience, "with its upbeat, modern format," and probably a treat to receive by DX.

For antenna phasing, Bill says that a cheap way uses 300 ohm antenna line, with one rotatable antenna and one fixed antenna pointed directly at the transmitter (of the station you want to null out, I assume), with both leads connected inside. Use of 300-ohm line is recommended since you might have to snip every 30 cm of line until null or best reception achieved. "What is interesting is that it is encouraged to point one fixed antenna at the transmitter and to use 300 ohm wire." Instead of cutting every 30 cm of lead-in you might be able to wrap tinfoil around 30 cm of insulated 300-ohm line, changing the impedance of the line. Slide the tinfoil up and down until changes are evident. Use the tinfoil on only one lead coming from outside. "By changing the impedance with sliding tinfoil this acts as a very primitive phase shifter. This technique was used by some to watch certain cable TV pay channels that used to use the old CATV 'beep-beep-beep' encryption system," but might also cut down on signal strengths of stations you want to DX. "I believe if you look back on Matt Sittel's FM DX reports, you'll notice he is/was using rabbit ears and a 6-element Radio Shack and connecting them together, and carefully trying 'this and that' he was able to null some of his semi-locals. No doubt by pure experimentation he stumbled upon 'phase shifting' too! Several things to think about those old 'ghost eliminators' used by consumers years ago; these in effect are 'phase shifters'. Running a signal thru several stages of amplification and attenuation and amplification, etc. to your set delays a signal somewhat, too. 'Variable interference eliminator' (once sold by Radio Shack and now used by Rich Shaffan) is also a phase shifter! Suppose you only have one rotatable antenna and you don't want to put up another antenna, but you have cable TV and FM. Then why not use your cable output and your rotatable antenna and phase that? Surely that should work too! Countless other options include two wire dipoles, two whip antennas. If phasing locals helps, would it be enough to do away with traps?" Bill promises to try out the phasing concepts

and let us all know how it works. He also sent info on a radio guide for the east coast from Maine to Florida, called the "Traveler's Radio Guide." I heard of another published by a travel agency in Chippewa Falls WI, and they get their FM station news from a data service—no original research like the FM Atlas and this column uses. You can find out more about their guide from PO Box 2292, Westfield [NJ?] 07091. Bill says: "probably does not include class As with low power and high tower," with the guide only showing stations with 1 kw to 100 kw.

W. R. McIntosh "was fascinated by your material on FM antenna phasing. Just one problem—where do I connect the variable capacitor which 'tampers' with one antenna? Serial or parallel? I have several FM tuners and many antennas which I could try. What size variable capacitor?" Mc included an SASE and I sketched out a diagram. If and when one of us in the club does an article on antenna phasing, I'll spare you my art. I think Bill explained the principle pretty well above, and I'm not sure what size variable capacitor you use. Mine is in an ancient Turner TV-FM booster and connects in series/parallel with the lead from the antenna you want to null (usually the one aimed at the offending station). Mc said "I'd like to get the info on antenna phasing before trying another FM bandscan—the dial is quite crowded here" [in the Los Angeles area]. He mentions how the area had much SCActivity devoted to ethnic broadcasting; now it is going main-channel, especially Korean. Hee Park is a popular DJ on KFOX 93.5 Redondo Beach CA. Another article Mc sent is on Digital Audio Broadcasting, recently tested at the NAB show in Las Vegas. There's debate, however, on which system might be adopted and if it might be built into the present FM band or occupy separate spectrum, such as the 1500-mz "L band." I understand from the testing done on a special bus in Las Vegas very little difference was perceived between FM and DAB, but considerable difference in favor of FM over AM. It sorta makes one wonder if DAB is worth all the fuss, doesn't it?

Also planning to attend the WTFDA shindig in western NY is Peter George from MA. He was interested in an old QSL I had from the former WBET-FM 97.7 in Brockton. His health is improving after suffering a stroke and losing his voice for a while. He's walking about, and "looking forward to seeing you at the conference in August," writes his wife, Mellonie. They are parents of a baby boy, Kevin, born Mar. 2.

Nick Lombardi would like my Atlas to list formats by frequency, but if you want that info, you should use my book in conjunction with the NRC FM Log, which was promoted in the VUD recently. With a more powerful computer, Nick feels I could produce a list showing the exact antenna heading required for optimum reception of each signal likely to be received. Think of the possibilities!" For doing that, I'd probably have to enter into the database all the FM station geographic coordinates and learn some sophisticated computer programs. "It was interesting seeing your photo in the April FMedia! I think there was also one of you in the VUD 10-15 years ago at one of the club conventions, and for some reason I thought I remembered you as being a bit heavier, older and more conservative looking. It was good to have an update to correct these impressions."

Robert B. Mugrdechian was the other person, alluded to above, who supplied information on the changed status of WZFM to WXPB, Briarcliff Manor NY.

"I disagree with your FCC-FM April '91 column!" writes Karl J. Zuk. "WKDT 89.3 West Point NY is alive

and on the air regularly. Owned by the U.S. Military Academy (Army) they have little to fear! They are a local to me." I hope Karl mentions what their usual music format and what their operating hours are; I have heard it is stereo. Do they go off the air for the summer? Gerry Turro's 103.1 translator in Fort Lee NJ now has WYNY 103.5, instead of WHTZ Newark-New York. He recently bought a G-E Superadio, now made in China. "Sounds tinnier with the tweeter and feels a little cheaper—knob-wise, but performance is very similar to my original model. Thanks for your persistence!" I expect to get more Superadios in soon, as the supply of 15 that I had in this spring is exhausted.

Roger Giannini called and wants to buy a Sony ICF-6800W if anyone knows of one around. He says they were a good DX performer, and he's willing to pay a good price. If you know of one, contact him at 822 W. Jefferson, C-6, Springfield IL 62702-4862.

Gus Mancuso sent word that WYII 95.9 Williamsport MD is undergoing reorganization from bankruptcy. Gus concedes the real reason for frequency changes among FM stations is power boosts. "Changing dial position is a lot more significant than a station raising tower 3-6 meters and lowering power 5 or 10%!" Gus was to have visited a WV reception spot in late May, and hoping to DX 259 total from there. Three weeks of DXing from a favorable spot in that state will equal about 20 years of Washington DC-area FM DXing!" Just wait until you retire, Gus, and you could live wherever you want, DXing to your heart's content! He's found higher band DX sometimes makes it but lower frequency stations don't, such as getting 99.7 Columbus and 107.7 Dayton OH from Emporia VA last September, "though nothing else thru the mts. Not sure what trop scatter (vs. trop) means. I know trop (vs. groundwave) OK." [Only on skip should you notice the lower frequency stations coming in first; longer range tropo and tropo scatter shouldn't be frequency-dependent, at least within the FM band; I think tropo scatter is a term that refers to a "scattering" of signals, such as caused by mountains or airplanes. Bob Cooper used to talk about "knife edge refraction" with a mountain range in the middle. This might be one form of tropo scatter—b.e.] Gus asks "What ever happened with this 'variable plane' propagation that was being pushed 2 to 3 years back (signal sent at all angles, not just horizontal and vertical?)" [It's still that and it's called circular polarization, rather than separate horizontal and vertical polarizations. Transmitting antennas have sloped and curved radiators so they can be both nondirectional and send the signal out at all angles from vertical to horizontal. The disadvantage is that to get a given ERP (effective radiated power) a station has to pay the electric bill for twice the power needed for vertical or horizontal radiated power alone—b.e.]

Dave Nieman also heard CJFT 101.1 testing across the border from Buffalo NY. "I phoned and talked with d-j; what a waste of time. He didn't even know start-up date; said ERP will be 26 kw with 2-bay antenna on one of CJRN's [Niagara Falls] AM towers at 46 m. Towers are just west of Fort Erie and can be seen from American side of Niagara River. Station's interests are Buffalo, Hamilton and Toronto." Dave enclosed various photos, and this one of WPIG's 95.7 tower might reproduce here. He likes taking pictures of FM towers. Buffalo religious stations WFBB 89.9 and WDCX 99.5 share the same tower. "That makes for strange bedfellows, doesn't it?" The tower is next to WNEF-FM's in the hills south of Buffalo near Boston NY; just across the valley

is WBUF's "Mix-92.9" site.

Chester P. Royster of Freeman VA enclosed two articles on phasing antennas sent to him by Ron Piazza, a Magnum/Dynalab dealer in San Francisco CA. This Ron knows somebody who is using a Smith G-23 aerial with an MR-78 tuner, and enjoying FM within a 320-km radius in CA. C. P. sent one of the articles to Doug Allen when he bought an Antennacraft FM10 antenna. "I modified the antenna by adding 4 meters worth of directors to it. Preliminary results are impressive; 257 km signals from the DC area and 380 km from Charlotte NC are much stronger (perhaps as much as 3-6 dB). The signals from DC were very weak on the FM-10.

"During 1975-1977, I converted two Lafayette FM antennas into a single, 6 meter aerial up about 12 meters. Signal strength appeared to increase by about 6 dB. Earlier I had stacked the two antennas and noticed only a 3 dB increase in signal strength. DC-area stations were still weak with the stacked array; however, the modified aerial provided me with tape-recorder listenable signals from the DC area 15 years ago. The modified FM-10 is 6 m high, 7 m long and I am using a Pioneer TX-8100 tuner that has only a 1.8 uv sensitivity. It seems that a better tuner or the Signal Sleuth 205 should increase my listenability radius." [Be wary about using FM boosters—they usually don't improve the quality of state-of-the-art receivers and tuners, but a tunable booster like the Magnum 205 might help in attenuating overload on parts of the dial plagued by that or "RITOLE" [see last month]—b.e.]. The articles he sent were "Kill FM Interference with Two Antennas," by Richard Modafferi, in the January, 1980, Audio; and from Radio-Electronics, Oct., 1985, "All About Multipath Distortion," by Robert F. Scott. Neither are good enough to copy from, so you might want to check your local library for the original articles.

Somebody sent an article on a real DX target, WIOI-1 100.7 Jacksonville FL, an 8000-watt on-channel booster of the parent station in Brunswick GA. To confuse DXers even more, WIOI is simulcasting WOKV 600 AM Jacksonville FL with monophonic talk. My question is how will you know which station you are receiving, via skip, when you hear WOKV calls on 100.7—the booster or the main station? And how can you convince them to give you a QSL for booster and main

station if you hear alternating reception, indicating you are receiving both?

Alain Pepin took a medically-approved rest and trip to Cuba and sent a detailed trip report. He heard CMKC 93.5, as a local, with calls actually used on the air! At sign on, 7 a.m.: "Estimados oyentes de toda la republica, muy buenos dias. Con nuestro temo musical, la valsa Cubana Los Tres Voltes do Ignacio Cervantes, esta emisora CMBF, Radio Musical Nacional del Instituto Cubano de Radio y Television..." He also DXed Jamaica and heard nonIDs from there like "Radio Waves" and "Super Hot 102.9" from Montego Bay. Also, "105.5 Arawak" and "107.7 Airy" Jamaica. Back to Cuba, he heard or found out about the following: 88.3 CMJP Ciego de Avila 95.9 CMKX-FM Bayamo, [tereo] ?? CMKO-FM Holguin. "Lots of bell chimes, time check, 'Radio Deporte' sports report. Extremely fast 'CMKO Radio Angulo, tribuna del pueblo, cadena provincial en Holguin,' but wasn't able to tell its frequency. "In fact, I didn't know I had it until I listened back to the recording. The whole thing is said in roughly 1.7 seconds. Cuban frequencies, except when mentioned in a station ID are estimated. No frequency readout on the Aiwa... Eventually, I'll mount all these on a tape and offer them for sale or trade. Jamacian FMs were frustrating, but I got more stations than listed in the WRTVH!" [It would be nice if Alain could have checked for SCAs to see if that form of broadcasting exists in Cuba—b.e.]

Bill Cheek, author of the Scanner Modification Handbook, says "I like your finding about the LED on pin 5 of the SCA board [in the Elf-II SCA adapter]. I haven't tried it yet, but will do so at the first opportunity. Apparently, there is a voltage increase at pin 5 when an SCA signal is present, eh? A nice little flourish and I will mention it in a coming issue of the 'World Scanner Report.'" [To find out about Bill's modifications, including what you can do to the Pro-2004-2005-2006 by Radio Shack, which also tunes FM, 88-108 mz, write for his price list or catalog at PO Box 262478, San Diego CA 92196.]

Gerry Turro from the Fort Lee NJ 103.1 translator called and was amused that the switch in primary stations to WYNY was reported in FMedia! He's chief engineer of WNEF-FM, and wants me to whisk

off a catalog showing FM-SCS adapters to a colleague there.

Now, onto the FM station news which is only partly reproduced from my FMedia! newsletter of last month. And following immediately, features culled from last month's VUD.

#### See Also May VUD For

CT Hartford WHCN 105.9 op, Nieman, p. 19  
IL Carlville WCNL 95.9 S [tereo], Strobel, p. 21  
[Allen, p. 24  
KS Goodland KKCI 102.5 m; is it stereo?/ KY Elizabethtown WKUE '80.9 has \$, Strobel, p. 21  
[ny 93"/ Coniglio, p. 22  
MA Taunton WSNE 93.3 Mix 93.3 (from "Sun-/ MI Carrollton WKFK 100.5 r; is it stereo? Strobel, p. 21  
MI Flint WWCK 105.5 rs, "CK-105," (from "CK-106"/ Coniglio, p. 22  
NH Winchester WKBK FM 98.7 on air, Hanlon, p. 22; but what is its usual music format and does it have stereo? [WHBI, Solomon, p. 17  
NJ Newark (not "Hartford") WNNK/ NJ Newton WNNJ-FM 103.7 is the more likely candidate than WMMG 103.7 Atlantic City for the "Sunny 103.7" moniker, Station News, p. 18. Or might both have the same nonID? NY Henderson WLKC 100.7 Lake Country nonID, but does it have stereo? Station News, p. 24 [p. 22  
NY Patchogue WALK-FM 97.5 rm, Coniglio, NY Rome WUUU 102.5 o, "Oldies 102" (from "U-102"/ Hanlon, p. 22  
NC Rocky Mount WTMG 100.7 Oldies 100.7 (from "New 100.7 FM"/ Sittel, p. 25  
OH Piquette WCLR 95.7 "Clear 95.7," Hall, p. 17  
PA Renovo 93.1 calls still listed as WMHU, not WKHL, which it simulcasts, which is on 95.5; "Cool 95.5" misID must be in use by both stations, however; Monroe, p. 16  
PA Tamaqua WMMH 105.5 rm, "Magic 105.5," Coniglio, p. 22 [on Station News, p. 20  
SC St. George WKOB 107.5 ID with Charles/ TN Sparta WSMF-FM 105.5 is stereo, Pugh, p. 25  
VT Vergennes WIZN 106.7 rp, Nieman, p. 19 [19  
VA Accomac WVES 99.3mr format, Nieman, p./ WA Pasco KEYW 98.3 rj, Cherry, p. 20  
AB Calgary CKIK 107.3 I show as p, not k, Cherry, p. 20—a format change? ON Meaford CKNX-1 104.9r, "FM-102," like its parent, Nieman, p. 19

#### New FM Station, Translator Grants

AL Centre 105.9 3000 watts horizontal and vertical; 100 meters above average terrain, Cherokee Bcstg. [Bcst. Associates  
AL Uniontown 107.5 1430h, y; 144 m, Union/ AZ Colorado City 107.1 6400D h, y; 356 m, Uzona Bcstg. Co.  
AZ Paradise Valley (Scottsdale) 105.9 1000 h, y; 147 m, Scottsdale Talking Machine [Rock]  
AR Hope K214BL '90.7 (KUAR 99.1 Little/ AR Monticello K220DM '91.9 (KUAR)  
AR Texarkana 104.7 3000 h, y; 100 m, Jo-Al Bcstg., Inc.  
AR Wilson [Memphis TN] KOSE-FM 103.7 6000 h, y; 100 m, Pollock Bcstg. Co.; (KOSE AM is in Osceola AR)  
CA Fresno 98.3 3000 h, y; 100 m, Laura H. Norman, reversal of grant which favored Fresno FM [m, State of Oregon  
CA Mount Shasta KNSC '88.1 2300 h, y; 272/ CA Victorville '85.5 3000 h, y; 4 m, g, Faiths Communications Corp. (see also "Deletions," below)  
FL Coral Cove 107.9 3000 h, y; 100 m, C. C. FM Radio Partnership; reversal of grant which was to W. L. Dilucante

FL Jacksonville WIOI-FM1 100.7 8000 h, booster of Brunswick GA station; reinstatement of CP, with booster possibly becoming "main station," and "ironically, the decision comes a bit late for WIOI-FM. Having lost its bid for a better signal last year, the station has gone through three formats [and] leased its facility out to EZ Communications. EZ replaced WIOI-FM's two-month-old oldies format (competing directly with EZ's WKQL 96.9 with a simulcast of EZ's Jacksonville AM, news-talker WOKV 600). [Radio FL Palm Bay \*90.3 100watts h.v.; 31 m, P. B./ GA Darien 107.7 50000 h.v.; 150 m, Stewart Broadcasting-initial decision, subject to reversal. I Voice of Christian Faith IL Olney \*88.1 130 watts h.v.; 62 m, g, Olney/ KY Marion WMJL-FM 102.7 3000 h.v.; 100 m, Crittenden County Bestg. Co. KY Williamstown 106.5 3000 h.v.; 100 m, Grant County Bestg. Co. [m, Barbara Gretsch MN Albany KASM-FM 105.5 3000 h.v.; 100/ MN Duluth \*97.3 40000 h.v.; 167 m, MN Public Radio-its third grant in this market MS Ebenezer (Goodman) 103.9 3000 h.v.; 100 m, Jimbar Enterprises, Inc. MS Olive Branch (Memphis TN) 94.7 3000 h.v.; 100 m, O. B. Bestg. [ity Bestg. Co. MS Richton 96.5 6000 h.v.; 100 m, Commun-/ MO Cuba 102.1 3000 h.v.; 73 m, Lake Bestg. MO Pleasant Hope (Springfield) 92.5 50000 h.v.; 150 m, PH Bestg. Co. [m, S. Radio MO Savannah (St. Joseph) 92.7 50000 h.v.; 150/ MT Bozeman \*102.1 20400 h.v.; 234 m, E. MT College [B. Benara NV Indian Springs 96.3 6000 h.v.; 51 m, Claire NY Kingston \*91.7 9500 h.v.; 83 m, g, Family Stations, Inc. (see also "Deletions") NY Troy WAMC-1 \*90.3, on air, power not announced (assumed 10 watts h.). "It is needed, since the \*90.3 transmitter site is on Mt. Greylock, far to the east in Massachusetts"; also testing on 89.9 NY West Point WKDT \*89.1 10 watts, [stereo] "is alive and on the air regularly." U. S. Military Academy, Army. "They have little to fear!" [American Media, Ltd. NC FairBluff 105.3 3000h.v.; 100 m, Great! OK Bixby (Tulsa) 105.3 3000 h.v.; 100 m, John M. Singer [H. Martin OR Sisters 104.1 1300 h.v.; 216 m, Schuyler/ PA Ridgway WKBI-FM1 94.3 10 w booster PA Spangler 97.3 1600 h.v.; 137 m, Raymond PA Tatford WBMF \*91.7 120 watts h.v.; 76 m, \$, but off the air. Applies for license renewal. SC Walhalla WGGG-FM 96.3 6000 h.v.; 100 m, Appalachian Bestg. Co. TN Columbia WAYM \*88.7 3500 h.v.; 155 m, gr. SW FL Community Radio TN Paris WMUF-FM 94.1 3000 h.v.; 100 m, Benton-Weatherford Bestg. [Donnell TX Hallsteville 99.9 3000 h.v.; 100 m, Tom/ TX McAllen \*88.1 2100 h.v.; 77 m, RGV Educational Bestg. TX Pearland 94.1 3000 h.v.; 91 m, John W. Berger VA Petersburg 100.3 3000 h.v.; 100 m, Sandra M. Adair Vaughan WV Buckhannon W209AK \*89.7 (WMBI-FM 90.1 Chicago IL, via satellite)

Stereo-Or to be Stereo

AL Vernon WJEC 106.5, mr, ID with Fayette FL Key Largo WZMQ 103.9, Spanish, 1, relay of WZMQ-FM 92.3 Hialeah FL, but temporarily off the air [102.5], k FL Summerland Key WPBK 102.9 (not moving to/ GA Millen WMKO 94.9; its translator on 100.1 in Augusta barely heard in North Augusta SC; translator site at the old WRDW-TV tower, near the WRDW-TV 12 studio. LA Monroe KEDM \*90.3, cj, NPR, directional. "I put it on the air yesterday. This is the public station, while KNLU \*88.7 Monroe is the student station." MI Allegan WKGH 92.3, k, on air as a CP. "We expect soon to receive our license." MI Whitehall WPBK-FM 97.5, k, traditional country, "K Country" (not strict). "This means the last independent AM station in Muskegon County (WPBK 1490) now has an FM, which the AM simulcasts 100%. AM is dead in Muskegon County!" MS Utica WJXN-FM 92.9, o, [dies] NY Fort Plain WLKO 101.1, simulcasting WBUG 1570 Amsterdam. "WLKO calls are heard just once an hour, and all of the news is Amsterdam news. I wonder if this is a permanent arrangement?" NonID: "WBUG." NY Little Falls WOWB 105.5, rm

WV Fisher (12 km NE Petersburg) \*103.7 6000 h.v.; 100 m, g, Bible Bestg, Network WI Neillville WISQ 92.7 3000 h.v.; 100 m, J. H. Hackman [gan Bestg, Corp. WI Plymouth 104.5 3000 h.v.; 100 m, Sheboy

Call Letters Assigned or Changed

AL Linden 98.5 WINL (from WDAL) AL Mobile \*88.5 WBHY-FM (WAYF) AL Montgomery 96.1 WLNE-FM (WLNE); WLNE (TV), channel 6, is in New Bedford MA-Providence RI. The FM's "format is b, mostly instrumental, one of the few around these days!" AK Soldotna 96.5 KSLD (KUHK) AZ Buckeye 105.9 KYNI AZ Oro Valley 97.5 KVNMM CA Atwater 92.5 KVRD (KVRK) CA BaySide \*91.5 KZPN [watts h.v (561 m) CA Big Bear City 93.3 KBHR, to 50/ CA Essex 98.9 KHYY (KHWH), "Highway" CA Freedom 107.5 KHTX (KPIG) CA Hanford 107.5 KMKMA (KZZF), r, "rock/AC," NonID: "Soft Rock." CA Lindsay 103.3 KZPD CA Morro Bay 99.7 KWWV (KWVD), "Wave" CA Salinas 102.5 KDON-FM "KDON-FM; AM gets new calls) CA Sutter Creek 101.7 KMAT CO Colorado Springs \*89.7 KEPC (KTFL) \*90.5 KTLF (KEPC) CO Security 105.5 KHII (KBZE), "K-High" CO Snowmass Village 103.9 KSNO-FM "KSNO-FM; AM in Aspen gets new calls) FL Cocoa 99.3 WLRO-FM (WLRO-FM; AM gets new calls) [sr, 50000 h.v.; 140 m FL Tallahassee 96.1 (from 95.9) WHBX (WTMG), GA Evans \*92.3 WYFZ GA Toccoa Falls \*90.9 WRAF (WRAF-FM) GA Wrens 96.7 WAKB-FM (WRDW-FM), s, \$; with AM to return from bankruptcy as a 24-hour g station between Aug. and Oct. ID Sun Valley \*91.9 KFTN [[Blaze" IL Chicago 103.5 WWBZ (WFYR), r, "The/ IN Anderson 97.9 WXXP (WLHN) IN Bicknell 105.7 WUZR (WXSF) IN Seymour 93.7 WQKC (WZZB), k, to 37000 h.v.; 60 m IN Syracuse 103.5 WAWC [h.v (109 m) IN West Lafayette 101.3 WFUC, to 2500/ KS Norton 106.7 KVNIV KY Georgetown 101.1 WTKT-FM (WTKT) KY Irvine 106.1 WCYO LA Alexandria 93.9 KDKS (KWQI) LA Breaux Bridge 96.5 KFTE ME Kennebunk 99.3 WKME MD Baltimore \*96.7 WHPS (WHVY) MD Grasonville 103.1 WHVY (WBEEY)

NY Whitehall WNYV 94.1, mr, not k as announced before; simulcasts its AM OR Brownsville KGAL-FM 102.3 OR Phoenix KRQG 105.1 TX Los Ybanez KYMI 107.9. The town appears in the 1990-91 Texas Almanac, and is 10 km SE of Lamesa, population 284. TX South Padre Island KZSP 95.3, "Oldies 95 FM" (from "Z-95") WI Sturgeon Bay WFFF \*90.5

Format Changes (Selected)

Formats are the same as in the "FM Atlas" AL Birmingham WMJJ 96.5 o AL Florence WQLT 107.3 o AL Huntsville WAHR 99.1 rm AR Ashdown KARQ 92.1 k, drops Texarkana ID, where it had a poor signal and not interested in a C3 upgrade to become "one of 14 Texarkana stations; much programming automated from studios at KDON-FM 92.7 De Queen AR. AR Springdale KCIZ 104.9 b CA Fresno KSKS 93.7 rs, "Kiss FM" CA Redondo Beach KFOX 93.5 ek. Popular Korean deejays Hwan Lee and In Hee Park are heard 7 a.m. to 5 p.m.; country at night.

MA Orange 97.3 WFUB MA South Yarmouth 103.9 WVCU MI Lansing 101.7 WLTY (WKKP) MI Manistee 97.7 WMTE-FM (WRRK) MI Zealand \*89.3 WGNB (WXYB) MN Blackduck 98.3 WBJJ MN Duluth 101.7 KVVW MN Spring Valley 104.3 KVNG MS Cleveland 92.7 WDTL-FM (WQAZ) MS Tupelo \*88.3 WARF [this summer MO Kirksville 107.9 KVCV, g, expected on/ MO Ste. Genevieve 105.7 KSTZ (KNFX) MT Bozeman 95.1 KMMS (KUUB-FM) MT Great Falls 107.3 KFTC NE Plattsmouth 106.5 KOTD-FM (KZPG) NH Winchester 98.7 WKBK-FM (AM is in Keene) NJ Trenton \*88.1 WNJT-FM, on air NM Roswell 104.7 KVNB [Poughkeepsie NY Arlington 96.9WKIP-FM (WEXT); AM is in/ NY Babylon 102.3 WBAB-FM "WBAB-FM; AM in Freeport gets new calls) NY Briarcliff Manor 107.1 WXPS (WZFM), rp, "Express 107.1" (not strict), was "Magic 107" NY Copenhagen 106.7 WWLF-FM (WZQC) NY Cornith 93.5 WZZM-FM (WSCG) NY Honeoye Falls 107.3 WFUD NC Rose Hill 104.7 WBSY (WZYJ) OH Delaware 107.9 WCEZ OH Harrison 104.3 WVCC OH Montpelier 104.5 WLZZ (WYDF) OH Oak Harbor 97.3 WFUA OH Union City 97.5 WTGR (WBNN) OK Alva 104.7 KVNR OK Miami 100.9 KGCL-FM (KGCL) PA Erie 103.7 WMXE (WCCK), "Mix-103.7" PA Altoona 98.1 WFGY (WFBG-FM), k, "Froggy 98"; one of PA's last b stations bites the dust! PA Boalsburg 92.9 WVCV PA Covington 101.5 WHMU PA Johnstown 96.5 WKQS-FM "WKQS-FM; AM gets new calls) PA Mansfield 92.3 WMPA [h.v; 168 m PA Nanticoke 92.1 WYOS (WEAY), to 670/ PA State College 94.5 WGGY SC Loris 105.9 WVCC SC Spartanburg 102.9 WJZX, to 2900 h.v.; 142 m SC Waterboro 105.3 WONO SD Canton 102.7 KIXX (KIXS) SD Huron 99.1 KGTR (KURO), o, Unis. SD Milbank 104.3 KPHR (KMSD-FM), "Power 104" [h.v (100 m) TN Loudon 105.3 WESK (WJDG), to 6000/ TN Memphis 101.1 KJMS (KHUL), "101 Jams" TN Tullahoma 93.3 WHVK (WKQD), kr, "country rock" TX Alice 92.1 KQNN (KOPY) TX Austin 95.5 KKMJ-FM (KKMJ); AM is in Rollingwood TX TX Floresville 94.1 KRIO-FM (KWCB); AM is in McAllen TX, now C2 TX Houston 97.9 KBXX (KFMK), sr, "The Box" TX New Boston 103.5 KTKX (KTJB) TX Quanah 100.9 KIXC-FM "KIXC-FM; AM gets new calls) TX San Antonio 107.5 KXTN (KZVE) TX Santa Fe \*90.5 KFTG TX Victoria 107.9 KIXS (KZEU), "Kicks 108" VT Rutland 94.5 WYDY (WHWB-FM) VA Newport News 97.3 WGH-FM (WGH) WA Camas 94.7 KMUZ (KQW) WA Ellensburg \*90.7 KNWR (KZUC) WA Seattle 100.7 KWMX (KSEA), "Mix 101" WA Tacoma 103.7 KMTT (KBRD), r, "The Mountain" WV Barrackville 93.1 WVCC WV Kingwood 107.9 WFSP-FM WV Montgomery 93.3 WZKM WV Point Pleasant 99.5 WBYG (WZYI) WV Spencer 104.7 WVRV-FM WI Eau Claire 100.7 WBIZ-FM (WBIZ), still "Z-100" (strict) MB Winnipeg 97.5 CJKR (CKIS), op, "97.5 FM" (from "Kiss 97 FM")

73ily Bue E.

PHOTO-NEWS

MAILING ADDRESS: PHOTO-NEWS 12284 Nice Road Akron New York 14001-9529

Welcome to new reporter; Howard Fountain - Cumming, Georgia. Howard snapped this photo of "TV MARTI" while vacationing on Marathon Key, Florida



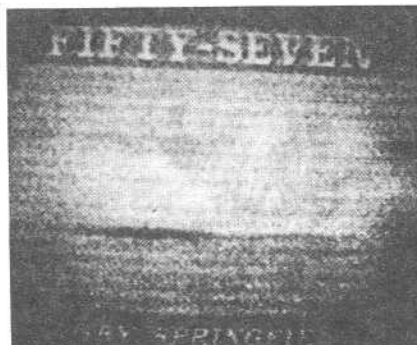
TV MARTI channel 13 taken at 0345 EDST

Billi Nienajadly - Clifton, New Jersey Equipment: Color TV. VCR, Radio Shack (RS) rotor. RG-59 coax. RS U-120 UHF antenna. Winegard AC-4990 preamp at 80' on top of 3 story building located 12 miles from New York City.



KMTV-3 Omaha, Nebraska 1200 mile E-skip seen May 1990 (exact time & date unknown)

WGBV-57 Springfield, Massachusetts 125 mile tropo seen Jan. 29, 1991 at 2200 EDST

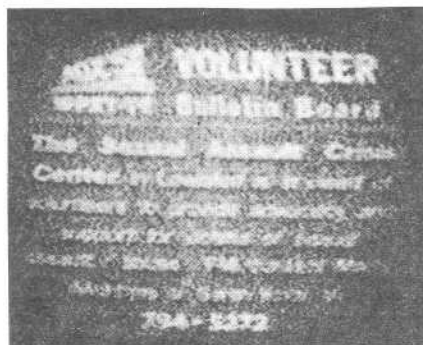


more from Bill Njenajadly.....



WNDS-50

Derry New Hampshire  
195 mile tropo  
seen Jan. 30 1991  
at 0100 EDST



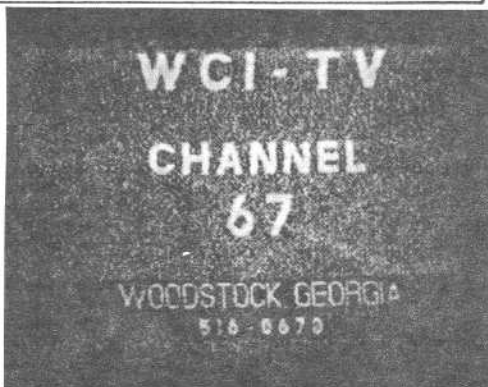
WPXT-51

Portland, Maine  
282 mile tropo  
seen Jan. 30 1991  
at 0130 EDST

Jeff Kadet - Macomb, Illinois  
Equipment: ICOM R7000 with video  
adapter, JVC & Panasonic monitors.  
Screened CM 7' dish with PA-4975  
preamp, 1/2 aluminum hardline up 85',  
CM 1110 with PA-1975 preamp, 1/2  
aluminum hardline up 80'. Wine-  
gard 5 element lo-band yagi (ver-  
tically polarized) with RC-11 up  
18'. He chex in with some GA IPTV.

W67CI

Roswell, Georgia  
555 mile tropo  
seen Feb. 8 1991  
at 2214 CDST



1-800-277-8833 OR

(404) 845-8833

WRITE TO TV-33

LEE MORRIS ALBUM

P.O. BOX 2830

LAGRANGE GA 30241

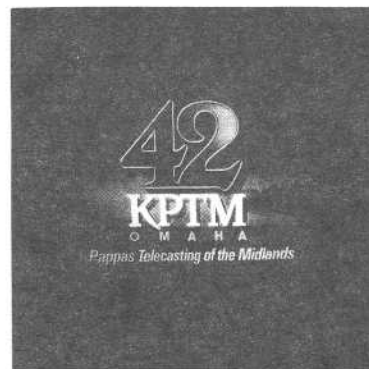
\$9.95 CASSETTE ONLY

W33AT

La Grange,  
Georgia  
615 mile tropo  
seen Feb. 9 1991  
at 0057 CDST

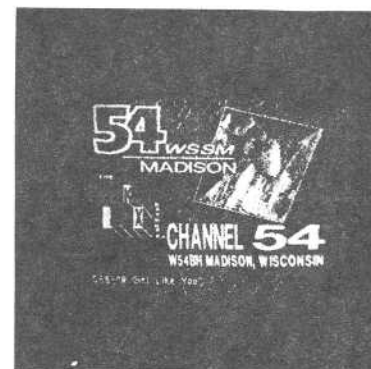
more from Jeff next time.

Next up is Bill Eckberg - Dixon, Illinois. Equipment: 1966 Zenith b&w tube  
type receiver model ch 14N22, modified Zenith 175-1962 detent tuner. CM 1110  
VHF antenna. CM 7' UHF dish with RDX labs UA900 preamp on a 40' tower.



KPTM-42

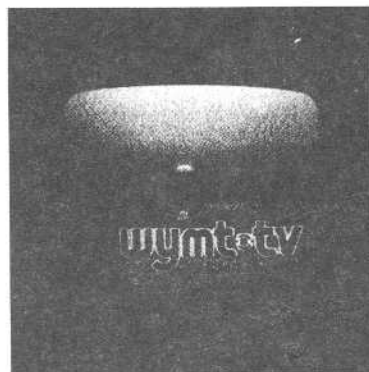
Omaha, Nebraska  
335 mile tropo  
seen August, 1990



W54BH

Madison, Wisconsin  
92 mile tropo  
seen August 1990

"note WSSM non ID"

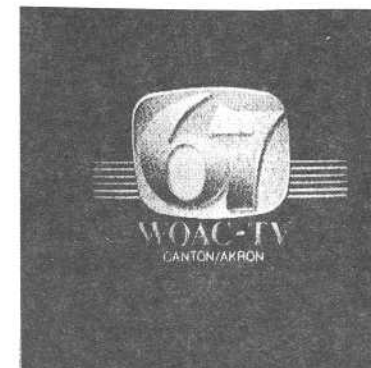


WYMT-57

Hazard, Kentucky  
449 mile tropo  
seen Aug. 26 1990  
at 0105 CDT

"slide on all night"

more from Bill next month.



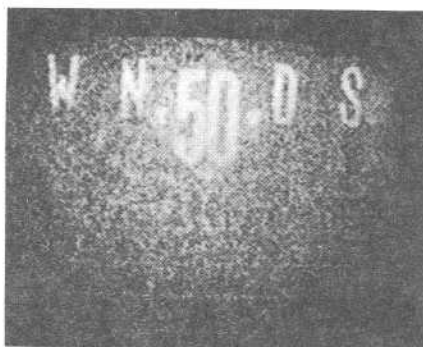
WOAC-67

Canton, Ohio  
417 mile tropo  
seen Aug. 27 1990  
at 2330 CDT

Till next time.

DAVE

more from Bill Nienajadly.....



WNDS-50

Derry New Hampshire  
195 mile tropo  
seen Jan. 30 1991  
at 0100 EDST



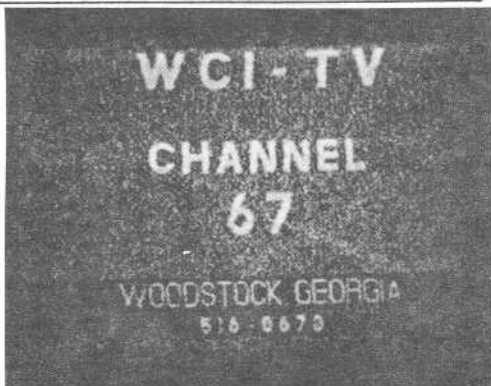
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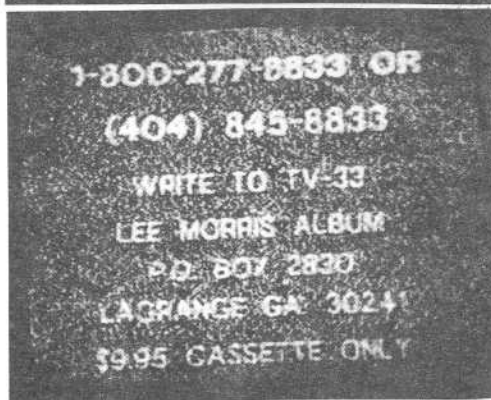
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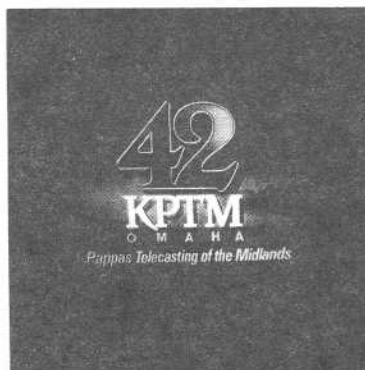
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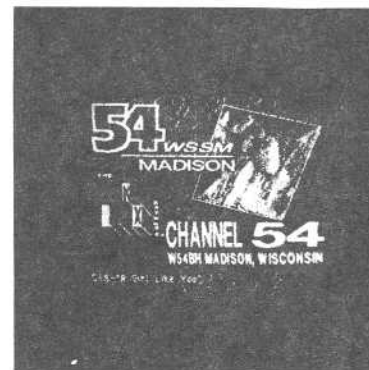
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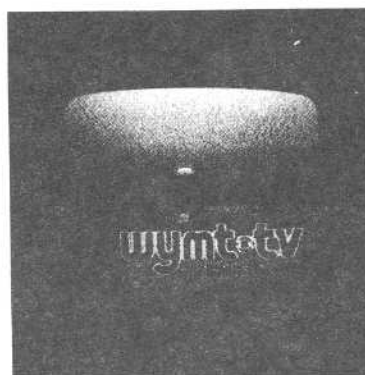
KPTM-42

Omaha, Nebraska  
335 mile tropo  
seen August, 1990



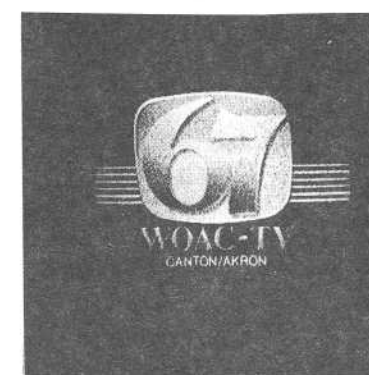
W54BH

Madison, Wisconsin  
92 mile tropo  
seen August 1990  
"note WSSM non ID"



WYMT-57

Hazard, Kentucky  
449 mile tropo  
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at 0105 CDT  
"slide on all night"  
more from Bill next month.



WOAC-67

Canton, Ohio  
417 mile tropo  
seen Aug. 27 1990  
at 2330 CDT

Till next time.

DAVE

HOW'S DXING FROM THE 4000' ELEVATION IN CUBA?

Unlike March, April turned out to be a lean month for DXing, so few reports in for this month. Highlighted this month, though, is trop from the mountains of Cuba!

Well this summer let's have more reports from out of that kinder, more gentler part of the country for good DXing and that is small town mid-America. DXers residing there sure have it lucky with little or no local overloading with fewer very strong signals to DX in and around. So, if you're from there DX for all it's worth and please report.

Alain Pepin, 234 Boul. Montcalm, St. Jean (Quebec) J3B 3H8

These loggings should qualify as Southern FM DX. I should have got a good deal more on "La Gran Piedra" but I was on an organized excursion. Next time, I'll take a cab and spend the day. Sorry I don't know the frequency of CMKO-FM. I was scanning wildly and spent most of my efforts on Spanish on the hour. Numerous stations were coming in and I missed many. Some of them were not cooperative such as "FM 104.1". Big deal! All of the Daiquiri catches were easily heard on the "Big Rock". For more details read CIDX Messenger.

- [FM] Alain Pepin DXing at Playa Daiquiri, Cuba (G.C.19 54'N, 75 36'W)  
Rx: Aiwa TPR-132C. 28 km east of Santiago de Cuba, on the Caribbean sea.
- EST March
- 1730 26/3 KLAS 89.3 JAMAICA: Mandeville "BBC Caribbean report here on KLAS 89.3 FM" (180)
  - 0700 29/3 CMKB-FM 90.5 CUBA: Santiago "CMBF Radio Musical Nacional" sign-on (15)
  - 0930 26/3 JBC2 92.1 JAMAICA: Montego Bay "You're listening to JBC-FM stereo", Time (180)
  - 1726 26/3 JBC1 93.3 JAMAICA: Spur Tree "Radio One" jingles between commercials (180)
  - 0800 27/3 CMKC-FM 93.9 CUBA: Santiago National anthem. Sign-on: "CMKC R.Revolucion" (15)
  - 1815 26/3 RJR 94.5 JAMAICA: Kingston Jingle: "The supreme sound, Radio RJR" (155)
  - 1715 26/3 Fame-FM 95.7 JAMAICA: Montego Bay Jingle: "Fame FM. Michael Thompson" (180)
  - 1000 24/3 CMDB-FM 99.3 CUBA: Santiago "Radio Progreso, la onda de la alegria" (15)
  - 1809 28/3 Waves 102.9 JAMAICA: Montego Bay BBC news. ID: "This is Radio Waves" (180)
  - 1800 27/3 Airy-FM 105.5 JAMAICA: Arawak Commentary. "Grove Broadcasting Company" (130)
  - 1806 28/3 Airy-FM 107.7 JAMAICA: Airy ID: "105.5 Arawak and 107.7 Airy FM" (140)

[FM] Alain Pepin DXing at La Gran Piedra, Cuba (G.C.19 59'N, 75 35'W; Elevation 4000 feet)  
Rx: Aiwa TPR-132C. 28 km east of Santiago de Cuba, part of the Sierra Maestra

- 28/3 Tr
- 1500 CMDV-FM 95.1 CUBA Santiago "CMDV Radio Siboney presenta..." (16)
  - 1104 CMKX-FM 95.9 CUBA Bayamo "Radio Bayamo, cadena provincial en Granma" (75)
  - 1110 WPCV 97.5 FL Winter Haven Central Florida weather on "97 Country WPCV" (680)
  - 1158 98.1 FL Titusville "98 Frog forecast". "98.1 FM in Cocoa Beach" (680)
  - 1159 WNFI 99.9 FL Palatka "30 minutes of non stop music on I-100" (760)
  - 1154 WHJX 101.5 GA Brunswick "WHJX Brunswick/Jacksonville/St.Augustine" (850)
  - 1207 AFRTS 102.1 CUBA Guantanamo Bay "Community bulletin board: events happening" (30)
  - 1205 WXYL 102.5 SC Charleston Charleston weather, jingle "102.5 WXYL" (921)
  - 1200 CMKO-FM ?? CUBA Holguin "CMKO Radio Angulo en Holguin" very very fast (75)

- Doug Allen, P. O. Box 5646, Woodland Park, CO 80866  
Equip.: Pioneer TX-9800(IF modified) & Pioneer TX-8500 II(IF modified), FM-13 at 42'
- 4/2 tr s and ms
  - 0710 Salina & Wichita at 400 & 417 mi., fading during snowstorm
  - 1000 WKQQ 98.1 KY Lexington, 10 sec. burst
  - 1715 KRJSJ 100.5 CO Durango, best ever heard
  - 4/5 tr s
  - 0900 KAML 96.9 WY Gillette, regular on FM-13, TX-8500 combo
  - 4/7 ms
  - 0758 KKLR 94.5 MO Poplar Bluff, wx on 12 sec. burst.
  - 4/9 qv
  - 0905 KRMH 93.5 CO Leadville, noted off as per VUD
  - 0909 KVNF 90.9 CO Paonia, good over cont. Divide
  - 0907 KAVI 95.9 CO Rocky Ford, noted off as per VUD
  - 0909 K240AB 95.9 CO Roaring Fork, "92.3 FM KJYE" CO #111
  - 4/10 ms
  - 1220 WXL P 96.9 IL Moline, "97X, the quad city's rocker" 400 mi.
  - 4/14 tr
  - 0615--strong tr to w. KS, weak to Salina
  - 4/22 ms
  - 0730 CKUA 93.7 AB Calgary, ID, 10 sec. burst
  - 0852 CKUA 93.7 AB Calgary, 40 sec. burst
  - 0952 WCOZ 96.9 KY Paris, "Cozy 96.9 FM" 1111
  - 4/23 ms
  - 0945 WRAY 98.1 IN Princeton, "here in Gibson County"
  - 4/23 ms
  - 0950 WKQQ 98.1 KY Lexington, "news and sports" at double Q"
  - 4/25 tr & ms
  - 0700 KKRX 98.1 OK Lawton, ID, full q 481
  - 0710 K252AW 98.3 KS Tribune, also K252BY, Lamar CO KANZt
  - 0720 K257DI 98.3 KS St. Francis, KZNA
  - 0725 K257BH 99.3 KS Garden City, KANZt
  - 0730 K205BR 88.9 KS Colby, KZNA
  - The above KANZ & KZNA translators were simulcasting a "High Plains Public Radio" fund drive. They had separate programing last year.
  - 0749 KSWR 106.9 OK Clinton, "Star 107 KSWR"
  - 0755 KATT 100.5 OK Okla. City, "the Cat" 476
  - 0800 WABB 97.5 AL Mobile
  - 0900 KCMET 88.1 CO ?? new translator peaked SSE
  - 0930 KOSU 91.7 OK Stillwater, weak
  - 0945 KYQQ 106.5 KS Arkansas City, "Q106.5"
  - 1004 KXLS 99.7 OK Alva, ID
  - 1010 KKRX 98.1 OK Lawton, still in
  - 1042 KANZ 91.1 KS Garden City, o/u strongest local KWBI
  - 1050 KSD 93.7 MO St. Louis, ID, short burst
  - 1053 WJFM 93.7 MI Grand Rapids, ID, short burst
  - 1100 KKKJQ 97.3 KS Garden City, o/local KBCC
  - 4/26 ms
  - 1150 WTXT 98.1 AL Fayette, "98 TXT" promo
  - 4/29 ms
  - 0802 KOYE 94.9 TX Laredo "Y95 KOYE" station #750

First real tropo off the year was in all morning the 25th with western KS exceptionally strong and seldom heard western Okla fair to good. Only slight enhancement on Amarillo, Enid, Wichita, Salina, etc. with the narrow OK duct extending down to Lawton. Last year's first tropo, not as good as this one, was the 24th. This is our snowiest month, and we've had three inches or more every few days with little of the warm weather that brings us tropo! I howsplit my time between FM, TV and ham DXing. Everything's two tables in my work/family room, including the three rotor controls! The directivity of the FM-13 made it possible to get separate peaks on the three 98.3 translators which were full quieting at the 200 mile range; I continue to be impressed by the antenna though Ed Hanlon is trying to design something even bigger and better! The Lyrids shower produced some good bursts during my morning listening. Hope the May Aquarids produces a few new ones! Though Es isn't my favorite mode, it's the most productive one, and should be here soon! 73

SOUTHERN FM DX IS FOR REPORTERS FROM: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV. Report today!

STATION BREAK

FLEA MARKET BOOK SALE--FM Atlas Publishing, Box 336, Esko MN 55733-0336 USA: Broadcasting Yearbook 1988 \$5 plus \$3 shipping; our last keypunched FM station computer list, run June 23, 1986, U.S. stations and translators mixed geographically, \$2 postpaid; European FM Handbook 1989 by Timo Leponiemi, 168 pp. with maps, \$3 postpaid; "Go Public! The Traveler's Guide to Non-Commercial Radio," Natalie McClendon's one and only job at radio guide publishing, very professional, comb bound with maps, 1987, 220 pp., \$4 postpaid; "The Traveler's Country Music Radio Atlas," 1989, 80 pp., \$1.50 postpaid; "Man of High Fidelity: Edwin Howard Armstrong," the original Bantam paperback, 272 pp., \$3 postpaid; "DXer's Directory," 1988 by Fred Osterman, 98 pp., \$2 postpaid; Bob Grove's "Communications Monitoring" with receiver enhancing money-saving projects, 1979, 117 pp., \$1.50 postpaid; "Educational AM and FM Radio and Education Television Stations by State and City," U.S. Dept. of Health, Education and Welfare, 1963, very rare, 29 pp., \$2 postpaid; WRTVH 1989 \$2.50 postpaid; "Desktop Publishing: The Awful Truth" by Jeffery R. Parnau, 1989, \$2 postpaid; "Eliminating Engine Interference" (to mobile reception), Sams publication, 1976, 128 pp., \$2.25 postpaid; "WTFDA North American Television Data Base," first edition, 1987 by W. B. Fahber \$3 postpaid; "Selected European FM Radio Stations," 1986 by Mike Dorner, Jr., listed by frequency full page format about 25 pages, \$1.75 postpaid; "Highway Radio" by Wm. J. Stank, with maps showing highways and AM and FM stations, 1989, a current CRB Publication, \$3 postpaid; Dataworld AM station database from the FCC by frequency, 1987, \$4 postpaid. "FM Atlas" 2nd ed. revised 1973 \$2.50 postpaid; 11th ed., 1988, \$7.50 postpaid. If the item you want is sold, mention if you will accept a substitute at about the same price. Canadians add \$2 to each item shipping.



# WESTERN TV-DX

June 1991

Fred McCormack  
Box 17860  
St. Paul MN 55117-7860

Deadline: 07-11-91  
Cut-off: 04-01-91

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

CMT Country Music Television HSS Home Shopping Spree  
HSC Home Shopping Club VJN Video Jukebox Network

Frank Merrill, P.O. Box 669, Macomb IL 61455 (309-833-2661) CST/CDT

## February 1991

7 tr 1842 KABY 9 SD 488 (Rare)	8 tr 0332 WTVO 17 IL 147 (All night HSS ) WMBD 31 IL 58 ( See Note # 1 )	8 tr 2225 <u>W67CI</u> 67 GA 560 (Roswell LPTV) ( See Note # 6 )
1914 KHNE 29 NE 391 KSAX 42 MN 428 KXLI 41 MN 400 (Mpls 23/41/47 )	0439 <u>CICA</u> 19 ON 616 ( See Note # 2 )	2230 <u>W62BG</u> 62 AL 525 (Birmingham 17/21/44) ( See Note # 7 )
1932 WLEF 36 WI 379	0450 <u>K/W68--</u> 68 ?? (Unknown TBN) (St. Louis hdg )	2305 <u>WBIG</u> 10 AL 525
2000 KYNE 26 NE 286 K33AC 33 NE 270 (Pawnee City KYNE-26)	1606 W48AP 48 OH 377 (Toledo LPTV)	2335 <u>WHOA</u> 32 AL 608 (Almost snowfree w/ WFLD CCI)
2059 KCAN 8 NE 375 (Rare)	1650 WAFF 48 AL 455 WZDX 54 AL 453	2342 WJSP 28 GA 618 WTRT 26 AL 434 (Rare on crowded channel)
KXLT 47 MN 264	1718 <u>W69FN</u> 69 MO 135 (St. Louis LPTV)	2344 <u>WTLK</u> 14 GA 521
2222 KHOG 29 AR 359	WNEO 45 OH 509	9 tr 0023 <u>W34AG</u> 34 GA 521 (Rome WTLK-14) ( See Note # 8 )
2227 <u>K45CQ</u> 45 IA 281 (Council Bluffs TBN)	WEAO 49 OH 472 W50BE 50 OH 444 (Mansfield LPTV)	0035 WLTZ 38 GA 637
2330 <u>KAWB</u> 22 MN 455	WSBN 47 VA 496	0125 <u>W55BM</u> 55 GA 555 (Marietta VJN)
2359 <u>K61FF</u> 61 IA 115 (Cedar Rapids TBN)	WGGN 52 OH 414	0158 <u>W22AU</u> 22 TN 490 (Sevierville HSC)
8 tr 0050 KITN 29 MN 342	WPGH 53 PA 557	0228 <u>W33AT</u> 33 GA 620 (La Grange CMT)
0059 K48AA 48 MN 350 (St. James STV)	1730 <u>WJFB</u> 66 TN 375 ( See Note # 3 )	0232 <u>W29AO</u> 29 AL 510 (Anniston WBRC- 6)
K53CH 53 MN 340 (St. Paul religion)	WOAC 67 OH 490	0236 WPMI 15 AL 698
K55FL 55 IA 300	1800 WMPB 67 MD 735	0249 WBIR 10 TN 475
(Spencer KMEG-14)	1824 WTJP 60 AL 512	0405 WXTX 54 GA 637
0102 KSFY 13 SD 369	1834 WTJC 26 OH 359 ( See Note # 4 )	0425 WTVC 9 TN 466
K32AF 32 MN 350	<u>WJHlt</u> 11 TN (Only strng CCI)	0444 <u>K/W21--</u> 21 ?? (Unknown HSS)
(St. James KSTP- 5)	1944 WJW 8 OH 469	(St. Louis hdg )
0212 OKC UHF's 505	2002 <u>W1NIM</u> 63 IN 311	0500 <u>WDCO</u> 29 GA 685 (// WCLP-18)
0300 CITY 57 ON 616	WVEU 69 GA 575	
@CBLN4 45 ON 540	also chs 36, 46	
CBLFT 25 ON 616	WBMG 42 AL 525 (Best ever seen)	<b>April 1991</b>
(3/4 CB w/clock)	0315 <u>WFTO</u> 9 ON 616	17 tr 2100 <u>WJYS</u> 62 IN 200 ( See Note # 9 )
0315 <u>WTFJ</u> 51 OH 434	WSFJ 51 OH 434	Es 2207 WESH 2 FL 952 ( See Note # 10 )
WPGH 53 PA 557	0325 CKCO 13 ON 552	
0325 CKCO 13 ON 552	0332 CIII27 27 ON 684	
0332 CIII27 27 ON 684	CFMT 47 ON 616	
	WMSY 52 VA 546	

Note # 1 - Was all night with CBS Nightwatch during the war.  
Note # 2 - With fancy ID testcard and classical music.  
Note # 3 - Higher power now? (Reportedly 2250 kW. fm)  
Note # 4 - With Home Shopping Club. No longer religious?  
Note # 5 - 10 Hz CCI against WTHI, proper direction, NBC programming.  
Note # 6 - With ACTS, IDs as "WCI-TV".  
Note # 7 - Apparently WTT0-21 already bought 17 and 44. (I don't think that would be approved. However, WDBB-17 has requested assignment of the license for W62BG to WTT0. fm)  
Note # 8 - WTLK-14 test pattern with "34" in lower right (but WTLK-14 not testing at this time!)  
Note # 9 - With Home Shopping Spree. I didn't want to log this. (Hammond IN fm)

Western TV-DX

June 1991

Frank Merrill (continued)

Note #10 - YES, the season is starting.

Quite a delight to see such a stellar tropo opening at a time of year that is so notoriously poor for DX! Another classic example of the potential of winter tropo; openings are obviously much rarer than summertime openings, but seem more likely to produce 600 plus' hauls when they do happen. Such openings often penetrate into the "deep south" as they are usually caused by the intrusion of humid Gulf air. Georgia and Alabama were new translator-LPTV states for me giving me a total of, I think, 22 states logged via these small stations. I still need W51AB, Flintstone, Georgia, which Jeff has seen a number of times.

I am not technically ready for the E skip season yet, as my lowband vertical Finco (?) yagi suffered from a tornado which tore into Macomb on March 25th. I missed the tornado because I was in Roanoke, Virginia which was just as well, I guess. I've been trying to replace it with another low-bander OR a full-band VHF also to be mounted vertically, but am having trouble getting any antenna to "come in" because nobody in or near Macomb has deep-fringe or specialized antennas in stock (they have to order them), and the TV people I'm dealing with cannot even get the suppliers to call them back. Frustrating! But this should be solved soon. The 40 foot tower and its antenna survived the storm, but the 70 foot tower located at the place where I rented an apartment from 1985 to 1987 (and where I participated in the Thanksgiving Feast of 1986) came down, and the "curley-cued" elements on the ruined FM antenna tell me that, in fact, it was a tornado.

My station total now 1070 or 1075. 7 tea trees.

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) (719-687-3549) MDT

## April 1991

14 tr 0430 <u>K04JD</u> 4 CO 62 (Buena Vista KWGN- 2)	25 tr 0700 <u>KWET</u> 12 OK 378 0830 KSNB 11 KS 242 ( Over KKTV-11 )	25 tr 1008 <u>KSAST</u> 24 KS 0330 K06DA 6 CO 59 (Alma KCNC- 4)
0432 <u>K06HF</u> 6 CO 62 (Buena Vista KUSA- 9)	KTVC 6 KS 272 ( Over KRMA- 6 )	0335 K13FN 13 CO 59 (Alma KUSA- 9)
20 tr 1730 KKTU 33 WY 150	1000 <u>KHNEt</u> 29 NE	0340 K06HF 6 CO 62
25 tr 0659 KLOE 10 KS 191		

Finally got the P-7 up on the tower April 20th. Knew it was working right away as channel 33 in Cheyenne at 150 miles was strong (all the time). It was very snowy with Y-44G, a so called "extreme fringe area" antenna and same preamplifier. I'm sure the P-5, only a "fringe area" antenna would also be much better than the Y-44G! So much for advertising hype!

The first tropo of the season brought in Oklahoma on channel 12 until KBDI signed on at 1000. The western Kansas stations were very strong, and despite little enhancement beyond western Kansas, I could tell Hastings and Wichita would be in the log soon!

Have never found channel 4 silent, but it was testing with only a few Watts judging by their almost non-existent signal April 14th. Allowed me to receive the translator for the first time.

Can V/U TV DX, FM DX, and DX on ham frequencies at my comfortable work/family room location for the first time, so I expect to report regularly!  
Good DX'ing & 73, Doug

Glenn Hauser, Box 1684, Enid OK 73702

Answering Michael Parks - Yes, KSBI-52, Oklahoma City, has been on for a few years, but on very limited schedule. For the initial months it was weekdays 0900-1130 only. For past year or more it has been daily 1900-2200 only, give or take half an hour, exclusively with preachers, primarily Oral Roberts, dipping back into ancient black and white pre-earlobe files in his prime. Often runs color bars after sign/off. Station has never been listed in Daily Oklahoman or TV Guide, and many Citians likely are unaware it exists. Site is at a warehouse on southeast side of Oklahoma City, much further from here than all other Oklahoma City stations on northeast side; coupled with lower power, this makes it marginal under normal conditions and very much subject to tropo enhancement. Station seems to have no ambition to be noticed or become full time, or even to be sold at a profit.

Meanwhile, with a new governor, David Walters; OETA's empire-building director, Bob Allen again has his eye on acquiring KAUT-43 (Fox) as another OETA outlet.

A couple people have suggested my Telemundo tentative must not have been on channel 2! -- but that is one thing about which I am absolutely certain. 73, gh



# EASTERN TV-DX



Bill Nienajadly  
PO Box 2999  
Clifton NJ 07015-2999  
201-478-3044

JUNE 1991 Cut off 3 months from deadline deadline; JULY 5 1991

Some nice coastal tropo for some and nice troposcatter from CT and Eastern Long Island to the Buffalo area. Plus other goodies.

Hopefully by the time you read this, E-Skip should have occurred with vengeance on Memorial Day. Keep checking, good luck & report to ETVDX with your fine DX catches!

Matt Sittel PO Box 21347, 303J Wood Hall, NCSU, Raleigh NC 27607 (919) 833-1153

1991

- 1/15 Tr 0720 WHMM very weak.
- 4/4 Tr 0241-0900 A great opening for my 21st birthday! DC on 20 & 26, and WTVT-53. Tentative WHSW-24. Also Columbia SC on 19,35,57. Also rare WUNG-58!
- 4/16 Tr 0650-0900 Super fog related opening! 20 & 32 DC, but the best signals were from the coast. Rarely seen 16 & 47 Salisbury MD, 61 Wilmington, DE and the infamous Onancock -VA xlters. New logs for me were W4IAC (WAVY-10), W44AD (WIKR-3), & W60AL (WVEC-13) I was amazed to see them! Also UNIDS on 52 & 63. Not sure if these were weaker xlters or perhaps something else.

I haven't reported in awhile because there has been very little DX here. It is unusual to see so little. I wonder if the weather patterns have had something to do with it...being a meteorology major, I've looked for a correlation between weather and DX- it'd make a nice job -hi! Thanks are in order for Bill Nienajadly (I've heard that name somewhere before- hi! BN) -who called 4/16 to tip me off to that great opening. I sure appreciate fellow DXers helping out with tips! ( Glad to see my call was somewhat helpful hi!-BN) Fell free to call me 24 hours a day...I mean it! I'll be glad to return the favor if DX warrants. ( Matt, please call me if you see NYC U's snowfree or if you see WJIM-50 hi-BN). It's great that others call with DX tips -we can have to help each other when we can! (UHF Solidarity!-BN) I hope everyone gets lots of skip this summer! I'll be somewhere in Raleigh-so hopefully mail will be forwarded. 73's  
Matt

Christopher S Dunne 21541 NW 8 CT Box81 Pembroke Pines FL 33029

1991

- 4/21 Tr 0100 W36AQ 36 FL 57 Jukebox from West Palm Beach-new
- 4/22 Tr 2100 9 & 13 CUBA 210? 13 had musical variety program 2100+ TR- 11 CUBA // 13 possibly from Salon, 300 mi approx 2300 CV 3 CUBA 119 Finally logged this one- had opera: possibly from S. Clara 230
- 4/26 Tr 0100 W16?? 16 FL unid LP1V- had in lower right.. "TV 16" w/"IV" on top of "16" probably W16AR Stuart at 80 mi (I will write you back or call ASAP hi-BN)

Mike Bugaj 69 Sherman Road Enfield CT 06082

WHCI-18 went off the air for good on (April) 10th. A federal judge ordered them off the air to sell their equipment, etc, to pay off creditors. They signed off at 4pm. It is said at least 5 parties are interested in ch 18, it will be months, if not longer, before ch 18 comes on again.

A new LP1V signed on. WCL-TV-12 located in Suffield CT, they run movies, etc during the evening and their antenna is located in W.Suffield on a telephone pole. Signal here ( about 10 mi east of them) is fair/poor. This is CT's third LP1V w/W13BF in Hartford & W28HA in W.Haven.

Also, & strangest of all, WTIC is now broadcasting on ch 11. A friend of mine in Middletown told me he no longer could get WPIX-11 down there because of it. And he wasn't happy. Ch 11 has a good signal here. I was working at WTIC-61 yesterday & asked 3 people there what was going on and the responses were amazing. After asking the receptionist, she told me (regarding WPIX) "They don't got that channel anymore. We got that channel now". Another guy said that there were 2 reasons why WTIC is using ch 11. One was to cover areas where WTIC puts out a poor signal. He couldn't remember the other reason. However, since we've noticed that the news on ch 11 has Spanish audio, you might assume that ch 11 is aimed at the urban hispanic population in Hartford. The third person I talked to said that ch 11 was only on for the news. Wrong, How about all day & night, all week?  
Mike

(Perhaps somehow WPIX was giving WTIC competition of sorts and they decided to broadcast on ch 11 to 'block out' WPIX -BN)

MORE TV DX TO COME TURN THE PAGE AND ENJOY!!!!

Eastern TV DX

June 1991

Dave Nieman 12284 Nice Road Akron NY 14001-9529

March 1991

- |             |                |             |                 |             |                |
|-------------|----------------|-------------|-----------------|-------------|----------------|
| 30 TrS 1330 | WMP1-22 MD 291 | 3 TrS 0800  | WDCA-20 DC 287  | 20 TrS 1000 | WLYH-15 PA 215 |
| 1400        | WETA-26 DC 287 | 0900        | WLVT-39 PA 230  | 1252        | WHSV-24 MD 270 |
| 1430        | WNJS-23 NJ 294 | 7 TrS 0716  | WVIT-30 CT 303  | 1417        | WNLV-54 MD 270 |
| 31 TrS 0800 | WXXA-23 NY 230 | 0830        | WTIC-61 CT 303  | 1428        | WPMT-43 PA 226 |
| 0845        | WTBY-54 NY 247 | 10 TrS 0929 | WADL-38 MI 223  | 1500        | WPVI- 6 PA 264 |
| 0913        | WLIG-55 NY 322 | 0931        | WGPR-62 MI 238  | 1540        | WTVT-51 PA 226 |
| 1000        | WTWS-26 CT 324 | 12 TrS 1000 | WLIPW-36 OH 267 | 21 TrS 0947 | WBFF-45 MD 269 |
| 1700        | WXDN-20 MI 245 | 13 Tr 0800  | WGTE-30 OH 266  | 1627        | WHSP-65 NJ 294 |

April 1991

- |            |                |             |                    |             |                  |
|------------|----------------|-------------|--------------------|-------------|------------------|
| 1 TrS 0830 | WKAR-23 MI 299 | 1400        | WETK-33 VT 304     | 22 TrS 1550 | WNJT-52 NJ 271   |
| 1100       | WVNY-22 VT 304 | 1430        | CFJP-35 PQ 300     | 23 Tr 0430  | CIII22-22 ON 211 |
| 2 TrS 0900 | WETK-33 VT 304 | 18 TrS 0721 | CIVD-30 PQ 219     | 25 Tr 0728  | WAKC-23 OH 205   |
| 1329       | WTXX-20 CT 299 | 0730        | CHOT-40 PQ 219     | 1800        | WGGN-52 OH 244   |
| 1348       | WHSI-67 NY 320 | 0730        | CIC024-24 (PQ) 219 | 2000        | WNWD-24 OH 262   |

Equipment: RCA 19" b&w with Teknika 6510 tuner, Channal Master 7' UHF dish with Blonder-Tongue CMA-Ub preamp on crankup tower at 33', using 3617B for VHF at 23' and RG-11 coax leadin on both antenna.

Bill this is my first report to you since you've taken over the Eastern TV column. W41AP is in Ohio I think, Sandusky but not sure. Only one new this time and the rest are just the usual troposcatter. Dave

Bob Smolarek 156 Oldwick Rd Whitehouse Station NJ 08889

Equipment: 1981 Magnavox TV, 8 Bay UHF Antenna & Channal Master UHF Amp Model 7475

April 1991

- |            |                  |            |                 |           |  |
|------------|------------------|------------|-----------------|-----------|--|
| 30 Tr 2307 | WIVE 51 PA 64    | 30 Tr 2313 | Scranton U's up | 1 Tr 0725 | WLIG Super Strong & Overloading!   |
| 2308       | WGCB 49 PA 110   | 2325       | WBFF 45 MD 135  |           |  |
| 2309       | W46- PA 36       | 2333       | WHSW 24 MD 142  |           | NY U's Super Strong 25,31,41,47,   |
|            | WGBS-57 xltr-s/f | 2336       | WITF 33 PA 112  |           | 0725-W60AI NYC NY -s/f   |
| 2310       | WLVT 39 PA 36    |            |                 |           | 0735 WTWS 26 CT -s/f   |
|            | -s/f finally     | May 1991   |                 |           |  |
| 2311       | WPMT 43 PA 107   | 1 Tr 0724  | WIZA 62 NY 105  |           |  |
| 2311       | WHIM 27 PA 118   | 0725       | WLIG 55 NY 98   |           | It sure looks like the trop season is off to a good start May 1st was HOT on FM too. |
| 2312       | WHP 21 PA 113    |            |                 |           |  |
|            | over WLIW        |            |                 |           |  |

ED NOTES: John Combs regrets that due to computer problems, he is currently unable to do his DX Distance printouts. Anyone who sent a check/money order will have it returned. John hopes to resume his DX printouts in the near future.-BN

Station News: More about Philly LP1V ch 7: Transmitter is located atop Liberty Plaza in downtown Philadelphia & is directional West. They have been running a TP (Test Pattern) but no calls & no phone #, no power output info. Supplied by NRC Musings editor Dave Schmidt who is also CE of WXCX 103.7 & reports are welcomed at WXCX. I hope Dave joins the WIFDA -BN

Eric Voyko 1721 Dalewood Place, McLean VA 22101

Equipment: VHF Channel Master Quantam 1110 @ 30' AG. RG-11 Coax, Archerotor UHF CM Parascope #4250 @ 35' AG. Winegard PA-4975 Amp. Winegard UT-2700 Traps for channels (20,26,32,50,56) RG-11 Coax, Archerotor, TV Zenith SG-2795BG

4/7/91 Tr 0730 WUNP 36 NC + WPTF 28 - - - 4/16/91 Tr 0600-0630 Philly U's, WMG4-40-NJ, Norfolk -27 & 33 + WHRO 15 VA near s/f - - - 4/17/91 0440-0700 NC s/f: WLFL-22,WPTF-28, WUNP-36 WKFT-40, Only snowy were WAAP-16 & WYED-17, also W34AX in color for the duration of the opening! Wrapped up the morning with WURJ-39 @ 320 mi approx. No color, but had good audio for 2nd longest trop yet. ( Eric, I seen them last year, at 517 mi, there my longest-BN) - - - - 4/20/91 1800 WAZT 28 VA (I think they are still W28AL-BN) - - - - 4/23-27/91 ..Quantum installed, finally back on VHF & suffering major interference from locals 4-5-7-9. A few good nights I logged new stations: WCAU-10-PA, WRIC-8-VA & WHSV 3 VA. Tropo reception to the north (thru local TV & FM) will likely be severely handicapped, while stations to the south look like my best shot, WWTB-12 noted every night since installation - - - - 4/28/91 2200 Exceptional GW Salisbury 16-28-47-s/f, WIGI-61(NJ) (xmt in NJ-BN)-s/f & bleeding over on ch 60, while Philly U's remained weak, nothing better however- - - - 5/1/91 2230 WYBE-35-PA & w regulars 17,29,57 & 61 Philly area

# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NY 14221

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

## JUNE 1991 → LOG CUTOFF 2 months from postmark → DEADLINE: The 5th

No skip reported or seen yet, as of May 12. Hopefully the late start is not a sign of poor things to come (I doubt it; things were late getting under way last May, but look how May turned out! Most of the reports this month are of DXers taking advantage of TrS and MS during the off season. But there was a nice auroral opening heard by some late in March, and two good trop openings: February 8, affecting the midwest, and an opening in New Jersey May 1 to coincide with the big fog outbreak, let's hear your DX!...

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

Equipment: McIntosh MR78, Channel master "Stereo Probe 9" at 45 feet

#### FEBRUARY 1991 DX

8 Tr  
0200-0500 TV Tr to SD, OK, and Peterborough  
ONT, negligible effect on FM  
1650 WPTW 95.7 OH Piqua 340  
1650 WLAC 105.9 TN Nashville, these 2  
at full quieting, 8 on meter 360  
1709 WEJT 105.1 IL Shlebyville, the new 105.1  
WEJT, o, talk between songs 180  
1712 WHZI 105.9 IL Mahomet, "Eat me!  
You're on WHZI!" 140  
1757 WRVY 100.5 IL Henry, calls 90  
1944 WBST 92.1 IN Muncie, classical music  
paralleled with Ralph Strobel on phone 277  
2048 WOKZ 104.9 IN Muncie, KZ105, and  
gave some high school scores w/Muncie 277  
2138 WZZK 104.7 AL Birmingham,  
ph# 741-9105, top ten requests 525

8 Tr cont:2212 WRZQ 107.3 IN Greensburg, calls  
snuck in on this messy frequency 280  
2221 WAXI 104.9 IN Rockville, promo, m  
"Stardust 104.9 WAXI" 185  
9 Tr  
0004 WTSH 107.1 GA Rockmart, South 107  
Georgia's official country music str 540  
0039 WQRK 105.5 IN Bedford, Q-105, contest  
registration at Bloomington, WJVO-IL of 2300100  
WQTY 93.5 IN Linton, WBTO (1600 AM)  
and WQTY legal ID, LONG sought! 205  
0200 WFPK 91.9 KY Louisville, "The Library"  
legal IDs, rare 290  
0305 WSTH 106.1 AL Alexander City, South 106  
WSTH AM and FM (AM is in GA) 610  
0311 WJIS, 88.1 FL Bradenton, via MS 1000  
0347 WMJJ 96.5 AL Birmingham, Birmingham's  
best music, Magic 96 "Good TV tropo this  
morning to Mobile" (Frank, note calls-gc)

What a delight to have a good Tr opening in the "worst month" for DX! This is an example of classic winter tropo, which of course is much rarer than its summer counterpart, but is usually quite good on the rare occasion that it does happen. I was quite surprised to hear Muncie kicking WCAZ Carthage out of Illinois on 92.1 because they're only 30 miles away, virtually 180' (off the back of the antenna) from Muncie, and I'm almost sure that they had already gone to their 25,000 CP. I thought I was done for with Tr on that channel. Other highlights were WOKZ 104.9 (with WXLC, 60 miles same direction, nowhere to be found) and WAXI likewise, WZZK (because 104.7 has a CP for Bushnell, only 10 miles from here), WMUB (tough with WBNH and WGCA both 60 miles away and all night, WQTY (tried for many, many times) and WSTH (WSMI not yet all night). A tornado went through Macomb on March 25 (I was in Roanoke, Virginia - I guess it is just as well I missed it), and my 40 foot tower and its antennas survived, but it finished the job on the LOW stereo probe 9 (my "skip antenna" mounted only 8 feet off the ground), which must be replaced before the season is in swing! Without it, at least 1/3 of the Es that is log would be buried under semi locals (because the 45 foot height doesn't do much extra for Es, but provides probably 10-15 db more gain for groundwave stuff), and with the FCC being so trigger happy with CPs and upgrades, more and more frequencies are getting hurt in this area. Hoping for CA on Es this year! KZAL-105.5 is the only CA within 1450 miles and with a significant ERP on a truly open frequency here! 7 Tea Trees

### BILL NIENAJADLY - PO BOX 2999 - CLIFTON, NEW JERSEY 07015

Equipment: Audiovox Analog AM/FM/8 track AFC defeated and modified with 2 150 khz filters, 10 db FM car antenna amp, antenna in wind shield.

I noticed WAWZ 99.1 Zarepath, NJ off from April 22nd to 23rd at 1800 approx. With my modified car radio and 10db amp I noticed WPLR 99.1 New Haven, CT. Generally weak, at times strong and also WAAL 99.1 Binghamton (rare), NY (150 miles) cutting in on WPLR while driving around Clifton. I also noticed a big band station also cutting in. (WPLM?) I didn't have time to fully take advantage of all this at home (too busy). DX on average, poor so far. (Bill called and said after he sent this he noted WDH 105.5 off the air and caught WMJV 105.5 Paterson, NY-gc)

## NORTHERN FM DX

### DAVE NIEMAN-12284 NICE ROAD-AKRON NY 14001

Equipment: Carver TX-11 modified with three 150khz IF filters, Heathkit AA-1214 audio amp. Antenna is a Channel Master 4408 at 31' on crankup tower. RG-11 coax leadin. New to log underlined.

#### March 1991 DX

29 troposcatter  
0826 WRDR 104.9 NJ Egg Harbor City, call, m\$ 309  
30 troposcatter  
0851 WMGM 103.7 NJ Atlantic City, call+  
Sunny-103.7, r\$ 321  
1031 WXCX 103.7 MD Havre de Grace,  
call, k\$ 262  
31 troposcatter  
0830 WAWZ 99.1 NJ Zarepath, call, g\$ 262  
1700 WFRD 99.1 OH Fremont, ID, j\$ 266

#### APRIL 1991 DX

1 troposcatter&meteorscatter  
0820 WNIC 100.3 MI Dearborn, call, r\$ 254  
1033 CIOO 100.1 NS Halifax, C-100-FM, \$ 749  
2 troposcatter  
1356 WLTU 106.7 NY New York, call, m\$ 280  
1358 WNTI 91.9 NJ Hackettstown, call, nx/spx \$ 240

#### 3 troposcatter

0800 WGTG 91.9 MD Takoma Park, ID, c\$ 288  
9 troposcatter  
0817 WRQK 106.9 OH Canton, "Rock-107", r\$ 213  
0822 WMRN 106.9 OH Marion, "Country-107", k\$ 292  
0900 WRJN 106.9 PA Masontown, ID, g\$ 236  
0903 WAFX 106.9 VA Suffolk, "The Fox", op\$ 442  
1404 CKAT 101.9 ON North Bay, call, k\$ 218  
1405 CKBY 105.3 ON Ottawa, call, k\$ 219  
1412 WPAC 92.7 NY Ogdensburg, call+pac93, r\$ 183

#### 10 troposcatter&groundwave

0941 WHCM 99.1 WV Parkersburg, County-99, k\$ 296  
1038 CJFT 101.1 ON Fort Erie, testing/530 AM, m\$22  
11 troposcatter  
1054 WIOT 104.7 OH Toledo, call, r\$ 266  
12 troposcatter  
1016 WJIM 97.5 MI Lansing,  
"easy-97.5" call, m\$ 297

#### 13 troposcatter

1600 WNR 100.1 OH Kent, ID, t mono 203  
1700 WMGG 99.7 OH Columbus, call, r\$ 312  
1717 WHDK 95.5 OH Lancaster, "K-95.5", k\$ 317  
1800 WKTL 90.7 OH Struthers, ID, e\$ 179  
1801 CBDF 90.7 ON Ottawa, call, t FF mono 219

A typical March, April for reception in western New York. Dave

### DAVE NIEMAN-HO STA GEH ROAD-ROCK CITY, NY

Equipment: Denon TU-720 tuner, Realistic SA-10 audio amp. Radio Shack 5 element FM antenna at 12' above ground, 2380' above sea level. RG-6 coax leadin. All new to Rock City, NY log.

#### APRIL 1991

26 TrS  
1147 WDSY 107.9 PA Pittsburgh, k, call 138  
1148 CING 107.9 ON Burlington, FM-108, r 114  
1149 WJZQ 107.7 NY Wethersfield, call, b 46  
1150 WDBA 107.3 PA Dubois, call, trading post 61  
1154 WRCK 107.3 NY Utica, rock-107, r 171  
1200 WPCX 106.9 NY Auburn, ID, k 110  
1201 CILQ 107.1 ON Toronto, Q-107, rp 126  
1213 WXXI 91.5 NY Rochester, call, c 85  
1213 WBXC 91.5 MD Baltimore, call, fund drive 211  
1218 WJMD 104.7 MD Hagerstown, call, b 171

I went and bought a small piece of the mountain 5 miles south of Clean, New York. Looks like it'll be a good DX spot; it has the height. There are only a couple other area pikes that are higher with the max. being 2400' above sea level. Clean (St. Bonnie) has only three local stations with 95.7 "The Pig" the closest at two miles to the north. This is my first attempt at DXing and keeping a log. I see I'll do better here using the Carver also; too much adjacent channel interference from semi locals. I passed on alot of the signals on the band; I'll get them the next time down here. Log total now stands at 20. Dave

#### APRIL 1991 DX continued

17 troposcatter  
0836 CKMF 94.3 PQ Montreal, call FF, r\$ 300  
1400 CJFM 95.9 PQ Montreal, call+FM-96, r\$ 300  
1600 WFMK 99.1 MI E. Lansing, ID+  
lite rock-99.1, r\$ 299

#### 18 troposcatter

0726 CHEZ 106.1 ON Ottawa, "chez", r\$ 219

#### 19 troposcatter

1401 WJSD 94.7 DE Dover, call, k\$ 305  
1418 WJUF 100.1 PA Lebanon, call, r\$ 215  
1626 WMZQ 98.7 DC Washington, call  
traffic watch \$ 288  
1656 WVAQ 101.9 WV Morgantown, call, r\$ 235

#### 20 troposcatter

0838 WCCR 105.9 VA Woodbridge, call, op\$ 304  
1017 WMMR 93.3 PA Philadelphia, call  
public affairs \$ 264

#### 21 troposcatter

0900 WJDN 106.9 NJ Camden, ID, g\$ 294  
0934 WJES 99.3 VA Accomac, call  
m \$, (prev aurora) 389  
1643 W 99.7 PA Mt. Carmel, WHOT call, r\$ 171  
full power repeater for WHOT 103.9 Muncy PA

#### 22 troposcatter

1528 WPGC 95.5 MD Morningside, call, s\$ 303  
1539 WCVT 89.7 MD Towson, call, j\$ 268  
1715 WFME 94.7 NJ Newark, call  
"Shadow Traffic" report \$ 267  
1721 WPST 97.5 NJ Trenton, call, r\$ 271

#### 23 troposcatter

0446 CFMO 93.9 ON Ottawa, call+FM-94, b\$ 219  
0833 WJGN 99.7 MI Midland, call, g\$ 297  
1100 WHKO 99.1 OH Dayton, ID+K-99.1, k\$ 371  
1937 WJZN 106.7 VT Vergennes, call, op\$ 270

#### 24 troposcatter

1441 CBF9 91.9 PQ Mont-Laurier, FF t mono 283

#### 25 meteorscatter&tropo

0835 WMBV 91.9 AL Dixons Mills, call, \$ 914  
2200 WLKC 100.7 NY Henderson/Watertown, ID+  
Lake Country-100, k\$, o/CHIN 118

#### 26 troposcatter

1702 WONE 97.5 OH Akron/Cleve./Canton,  
ID, op\$ 205

KURT RICHARDSON - 1165 LEMOYNE AVE - SYRACUSE, NEW YORK 13208-1303

JANUARY 1991 DX

3 MS  
1339 WCTS 100.3 MN Minneapolis, FM 100.3  
4 MS  
0215 KSNR 100.3 MN Thief River Falls  
14 MS  
1213 WGKX 105.9 TN Memphis, Kicks 106  
18 MS  
1300 WLOO 100.3 IL Chicago, (Kurt, the calls are now WPNT-gc)  
30 MS  
1223 KSFI 100.3 UT Salt Lake City  
31 MS  
1215 KJMZ 100.3 TX Dallas-Fort Worth  
FEBRUARY 1991 DX  
1 MS  
1104 WGKX 105.9 TN Memphis, Kicks 106  
1407 WCNB 100.3 IN Connerville  
11 MS  
0951 unID 105.9 1-800-247-6820

FEB 1991 DX continued

13 MS  
1031 KGBX 105.9 MO Ava, calls  
27 MS  
1334 WDJC 93.7 AL Birmingham, 741-WDJC  
MARCH 1991 DX  
4 MS  
1601 WFCJ 93.7 OH Miamisburg, in car  
9 MS  
0048 KEZQ 100.3 AR Jacksonville, AC  
12 MS  
0026 unID 104.1 North in Milan (Jackson, TN-gc)  
24 Au  
1816 WQSM 98.1 NC Fayetteville, "98.1 QSM"  
1825 WYFI 99.7 VA Norfolk  
APRIL 1991 DX  
13 Tr  
1705 WPST 97.5 NJ Trenton  
15 Tr  
0017 WWMX 106.5 MD Baltimore



JBRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO, CANADA N3T 1E2

Equipment: same as before, distances are in kilometres

MARCH 1991 DX

20 MS  
0659 WABE 90.1 GA Atlanta "90.1 WABE" 1104  
24 TrS  
0901 WCJH 90.3 NY Elmira, g, FAMILY LIFE calls, local wx //WCH-WCIK 313  
27 Au or MS  
0736 WBTU 93.3 IN Kendallville, Country 93 Amoura? Probe was north and signal very distorted (Probably au-gc) 460  
29 TrS  
0855 WWKL 94.9 PA Harrisburg, Cool 94.9 o, traffic, ment Route 283 455  
0909 WKLL 94.9 NY Frankfurt, Classic 94.9, Utica-Rome's largest on air music library." Followed by the Beatles 391  
30 MS  
0738 KQUS 97.5 AR Hot Springs, US 97.5 country "You're going to love the cars and you're going to love the prices here at SPA CITY HONDA ---Central Ave. 6:38, 22 min in front of 7 o'clock here at US97". This one bolted me up in the LZ boy 1475  
31 TrS  
0743 WKLT 97.5 MI Kalkaska, KLT, r 437  
APRIL 1991 DX  
First year DX complete: 437 logged as of 4/4

APRIL 4 TrS

0651 WVCC 101.7 PA Linesville, Stardust WVCC Standards, Mills Bros "Paper Doll" Format change from the former awful Z ROCK Many mistakes and dead air but the 180' switch in music more listenable 170  
16 TrS  
0710 WSWG 90.9 NY Ithaca, cj, //WSKG 290  
APRIL 17 TrS  
0635 WICB 91.7 NY Ithaca, 92ICB weather forecast under CKPC splatter. Still unable to log anything on 91.9 cause on 92.1 290  
20 TrS/MS/GW  
0739 WSGD 94.3 PA Carbondale, Solid Gold 94 oldies, "94.3 WSGD good morning" 414  
0759 WFME 94.7 NJ Newark, g, calls followed by wx, // WFRS 88.5 529  
0831 WTYX 94.7 MS Jackson, Oldies 94 oldies, another surprise! 1507  
0931 WBUF 92.9 NY Buffalo, All New Mix 92.9, r "Another great song you won't here on Oldies 104", new nonID, format sounds the same though (it is-gc). Their approach interests me through mentioning Oldies 104. (They use that to stress they they don't play all oldies. They are also mentioning Joy 96 because they claim to not play "all lite songs"-gc) 115

No notice of any strong spring tropo yet. Leaving for insurance school in Ottawa for almost two weeks in May. I may miss some good DX but I will acquire LAPTOP and PRINTER for logging and reporting due to change in new occupation. 73 dB

STATION NEWS: In Phoenix, KZZP 104.7 is now AC: KURY "Variety 104.7". Just north of NYC, 107.1 Briarcliff Manor is now "Rock-AC" WHPS "Express 107", In Seattle, 100.7 switches from KSER to KUMH, "Mix 101", Also changing to Mix is 103.7 Erie, PA, now WMHE "Mix 103.7": AC, WI01-FM 100.7 Brunswick, GA is now simulcasting news/talk WOKV 600 Jacksonville, FL. WHUD 100.7 Peekskill, NY is now soft AC, ex "b". Thanks Bill Nienajedly and Paul Mount.

RICHARD K. SHAFTAN - 39 OLD MIDDLETOWN ROAD - ROCKAWAY TWP, NEW JERSEY 07866 (201) 586-3563. Beeper for e-skip notification (201) 955-4256. Beeper instructions: dial beeper number, hear three beeps. Punch in your phone number. Hit the # sign and hang up. Your phone no will show up on the beeper EQUIPMENT: JVC JRS 201, two Radio Shack 6 element stacked 7 feet apart 20' AGL coupled with a Channel Master 3517 TV antenna both fed thru Radio Shack amps and variable attenuators and coupled to single 75 ohm

JANUARY 1991 DX

21 TrS  
1714 WDBA 107.3 PA DuBois, Life 107 weather. Winter weather advisory for Northern Pa.  
25 TrS  
1817 WROW 95.5 NY Albany, WPLJ off the air, Also may have had WBRU, and unid with mk. PLJ on 1822  
30 Tr  
0055 Strong Boston opening including WFNX, WXLO  
FEBRUARY 1991 DX  
1 TrS  
0055 CBOX: 102.5 ON Ottawa, classical in and out FF announcer voice at 0100

2 TrS  
0036 unID 102.5 Oldies 102, North (Rome likely-gc)  
8 TrS  
2120 unID 106.5 "FM 106" to NNE  
2126 WPYX 106.5 NY Albany, local phone number  
2307 WIBF 103.9 PA Jenkintown, solid w/SS pgm  
2308 WARM 103.3 PA York, over WPRB

MARCH 1991 DX

2 TrS  
0057 WLYT 92.5 MA Haverhill, W-Lite 92.5  
22 Tr  
2135 WRCK 107.3 NY Utica, "Rock 107" BACK AT 39 OLD MIDDLETOWN  
APRIL 1991 DX  
3 TrS  
1727 W207AK 89.3 PA Bethlehem, ID as WRGN  
5 TrS  
0105 WMHT 89.1 NY Schenectady, clas, WFDU off  
0147 WRPI 91.5 NY Troy, heavy metal, ID  
6 Tr  
2106 WWDI 104.9 PA Scranton, Light 105  
2100 WDLS 93.7 PA Dallas, country, strong  
2301 WSUL 98.3 NY Monticello, ID, r & r oldies  
APRIL 8 TrS  
0159 CFMK 96.3 ON Kingston, CFMK 96.3 with the best in the country (Rich, city is Kingston-gc)  
0218 WMXW 103.3 NY Vestal, Mix 103 with 729-request line which matches station phone #14

14 TrS

1255 WWMJ 104.7 MD Hagerstown, muzak // Bob Smolarek  
1424 WOKX 94.1 PA Sunbury, solid thru WYSP  
1428 WWMX 99.3 PA Harrisburg, Mix 99.3  
16 TrS  
2354 WYRK 106.5 NY Buffalo, C/W, FM 106.5 WYRK  
18 TrS  
0046 WVO5 95.9 NY Liberty, C/W, rare  
0018 WEXT 96.9 NY Arlington, ID as "WKIP AM-FM Roof top aeriels in place  
20 TrS  
1022 WNNN 101.7 NJ Canton, solid, Win 101.7  
1202 WRCZ 101.7 MA Pittsfield, Z 101.7, rock first FM from that part of MA  
1209 WDST 100.1 NY Woodstock, thru WJRC  
1218 WHRL 103.1 NY Albany, EZ 103.1 WHRL thru "Energy 103" WGNV  
1301 unID 100.9 "Bright 101"  
1417 unID 100.9 c/w, likely relog WQIX Horseheads  
1418 unID 100.9, classic rock, senational 60s weekend  
1524 WPIG 95.7 NY Olean, in Olean, great country, WPIG the Big Pig  
21 TrS  
1015 unID 99.1 album rock thru WPLR, WAWZ off  
1039 unID 99.1 big bands (Plymouth, Mass?-gc)  
2344 WAAL 99.1 NY Binghamton, 99.1 WAAL  
22 TrS  
1817 WMOJ 102.5 NY Buffalo, in stereo  
24 TrS  
0356 WBRU: 95.5 RI Providence, w/WPLJ off, Ray Charles and other blues mx. Beam East  
0402 WPGC 95.5 MD Morningside, Top 40, ID  
26 TrS  
1800 WDBA 107.3 PA DuBois, religion breaking through WRQX-WRWD-WAAF  
28 TrS  
0119 WKFM 104.7 NY Fulton, WSPK off, ph# 421-9KIX", Rock quiz winner was Brian from Syracuse. Kix FM IDs  
0131 WWMJ 104.7 MD Hagerstown, ID weather WKPE and WQHQ also were in.

Moved back to the old house on April 1st and decided to have the antennas professionally installed for a change. But before the aeriels went up, I was using one of those six element Radio Shack cheapies on a five foot pole in my new attic office with amazing results. See below. The antenna installer I hired (Tom Fuscaldo of Paterson), put up the stacked six elements, my UHF dish 10 feet above the house and threw in a humongous Channel Master TV aerial and did it all for about \$250. The new roof after the fire is much sharper, and frankly it wasn't worth the hassle of trying to do it myself. Now the roof of this place looks like the Baghdad Communications Center but the results are great. It is interesting to compare the TV and FM combos. The TV aerial has more gain, but less directivity and a worse front to back ratio. Reception before April 1 is on two Radio Shack FM's stacked 5 feet apart. I figure the larger stacking difference (to 5/8 wavelength at 108 MHz) should increase gain. is this correct? Compared to the old Winegard antenna, reception here is far better on either the two stacked RS aeriels or TV

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

EQUIPMENT: Magnum Dynalab FT101A, Probe 9 at 27' with HD-73A rotor, RG-11u feedline, Magnum Dynalab 205 preamp

FEBRUARY 1991 DX

14 MS  
1511 WYFB 90.5 FL Gainesville, "...WYFB Gainesville..." 959  
18 TrS  
1530 WLGJ 98.3 OH Logan, weak with ID 278

MORE OF JEFF'S DX ON THE NEXT PAGE!!



E-Skip season!

JEFF FALCONER'S REPORT CONTINUED

FEB. 20 1991 MS	27 TrS
1441 KDGE 194.5 TX Gainesville "in Dallas..."	1720 WFCJ 93.7 OH Miamisburg, g\$, poor
MARCH 1991 DX	mixing with WJFM Grand Rapids 308
16 TrS	1748 WCOZ 96.9 KY Paris, rm\$, ex 96.7 396
1449(WMJT) 100.9 MI Piconning, r\$, Magic	29 TrS
ex: WLFS, had been off the air	1636(WFYI) 90.1 IN Indianapolis, poor with
24 AU	WUCX, wx rpt, ex WIAN 353
1643 WTQR 104.1 NC Winston-Salem, k, ID	502 1640 CIRY 88.7 ON Toronto, e\$, several ads
1658 WUNC 91.5 NC Chapel Hill, c, ID	547 Spanish pgm, raised power to 250w 105
26 TrS	1948(WZRZ) 96.5 OH Hamilton, rp\$ Z-Rock
1714 WLBC 104.1 IN Muncie, only hrd ID	311 ID as Dayton-Cincinnati 327
1752 WHMQ 107.7 OH N. Baltimore, k\$	202 30 TrS
	0159 WFIU 103.7 IN Bloomington, b\$, ID 401

Only thing of note was the Au on March 24; WWV K index was up to 81 73, Jeff

PAUL MOUNT - BOX 126 - LINCROFT, NEW JERSEY 07738

Equipment: Onkyo T909011, Archer FM rabbit ears, Archer FM amp,  
Location: 74 13 West, 40 23 North, HAAT 15 feet

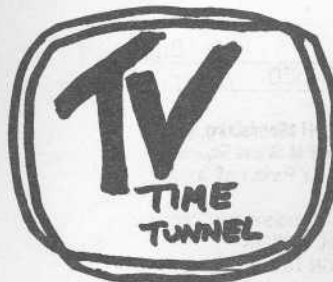
APRIL 1991 DX	0825 WWDE 101.3 VA Hampton, local spot
20 Tr Rich Shaftan tip	0828 WCMS 100.5 VA Norfolk, k
1058 WARM 103.3 PA York, Warm 103	0838 WRNQ 92.1 NY Poughkeepsie, r, Q-92 FM
Saturday Morning Oldies, WPRB off	0840 WVVY 92.5 CT Waterbury, Country 92.5, calls
1200 WOLC 102.5 MD Princess Anne	0843 WZBH 93.5 DE Georgetown, rp, 93.5 The Beach
financial talk show!	0845 WZMX 93.7 CT Hartford, rm the new Mix
MAY 1991 DX	93.7, new for call change only
1 Tr (the night after the fog delay at Shea)	0855 WJQI 94.9 VA Virginia Beach, rm, Joy 95
0805 WRCH 100.5 CT New Britain, m, Lite	0902 WFOG 92.9 VA Suffolk, ID "Suffolk -
0805 WKCI 101.3 CT Hamden, r, KC 101	Williamsburg", appropriate calls this AM
0806 WTVY 100.9 CT New London, m, Tide 101	6 Tr
0807 unID 103.1 "Energy 103" new slogan	0100 WBLI 106.1 NY Patchogue, normally
for WGNV Newburgh? (yes-gc)	blocked by the hills
0808 WQSR 105.7 MD Catonsville, traffic	0118 WDNH 95.3 PA Honesdale, r, SNN
0812 WRWD 107.3 NY Highland, ID	0120 WHFM 95.3 NY Southampton, r
0813 WSNJ 107.7 NJ Bridgeton, ID, 39 db\$	0123 WSBG 93.5 PA Stroudsburg, r, Power
0820 WRKE 101.7 DE Ocean View, rs,	93-5, under WRTN
"101.7 Kiss FM"	0156 WPKT 90.5 CT Middlefield, c, ID with
big May 1st trop continued on next column	WNPR Norwich, "CT clas. choice", WBJB off

A few "yuck" entries in the log, like WCBS-FM on 103.3, with WPRB off in a mix of WWDB/WPLJ/WNYF-FM on 96.3 with WQXR-FM off. The reason a lot of these not too challenging stations are new is that my total stands at only 131, from 13 states and DC. And, there were no new entries to the log between 11/27 and 4/19. Plus some semi-locals below 97.5 haven't even been officially entered. Married and single guys alike agree "come April, a young man's thoughts turn to DX", and simultaneous FM/UHF tropes get the heart a pounding. 73 Paul

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

Equipment: Carver TX11 tuner, Stereo Probe 9 at approx 25' AGL, archerrotor, CAC11

APRIL 1991 DX	23 TrS
4 GW	2149 WYII 95.9 MD Williamsport, k, ment. of
1548 CJFT 101.1 ON Pt. Erie, still testing	special country program, calls, a surprise! 236
as of May 12, "Rich Blend 101", m\$	15 30 TrS
17 TrS: WMJQ 102.5 off briefly	2224 WLIF 101.9 MD Baltimore, rm\$
2341 WZQQ 102.5 OH Edgewood, r\$, Zoo	129 Life 102, finally! 275
20 GW	MAY 1991 DX
1453(WMXE) 103.7 PA Erie, rm\$, Mix 103.7, ec	11 Tr
WCKC "K-104"	0851 WLKC 100.7 NY Henderson, k\$, "Lake
21 Tr	Country", Watertown ment, o/ CHIN 132
1840 W*** 99.7 PA Mount Carmel, r\$ "103.9	0852 CHEQ 101.1 ON Smiths Falls, o/ CJFT 190
WHOT", calls?	192 No E-skip seen here yet, hope you've had some by now



WRITTEN BY: TOM BRYANT / 849 TODD PREIS DR. / NASHVILLE, TN / 37221 - We're just a couple of months away from the 1991 WTFDA convention in Dunkirk, NY. Convention is really too formal a word to describe what happens, but the term makes the event sound official. What it really boils down to is a chance to meet the folks you read about in VUD; shoot the breeze about our hobby; and swap ideas about antennas, traps, ampe, etc. Thanks to Bob Seybold for hosting..particularly since he recently lost his wife. See you there!

**MAILBAG:** WTFDA'er James Roggentine of Crest Hill, IL sent some interesting copy on early calls and construction permits. He notes, "WTRZ in Chicago was owned by Zenith Radio and was mainly used by the factory for experiments and testing. At one time it was on channel 1, then later changed to channel 2. It never operated as a regular television station. Zenith later operated another experimental station, RS2XBS on Channel 2 with a 'Phone-Vision' test. This was a pay tv system similar to 'ON-TV' or 'Select TV' services of recent years. The experimental license was cancelled shortly before the 1953 switch of WBBM-tv from channel 4 to channel 2."

**GRAPEVINE:** Fellow Nashvillian Doug Smith called with information he'd run across in an old QST magazine. Until sometime in 1945 every commercial broadcast service was assigned a distinctive and individual call sign. This ruling precluded the use of suffixes such as -FM or -TV ...thus explaining why the NBC and CBS flagship stations in New York City initially had the odd call signs of WNBT and WCBW.

**WMJT/WTMJ--CASE CLOSED:** The information in the preceding paragraph solves the Milwaukee mystery mentioned previously in this column. When the application was initially filed [for WMJT], the old rule was in effect; but by the time the grant was made and construction completed ...the use of call suffixes had been approved and the station went on the air as WTMJ-tv, using the same call as it's well-established AM predecessor.

**SIMILAR SITUATION:** Jim Roggentine's letter also made mention of other stations changing calls before actually going on the air. For example, "WGN-TV, channel 9, Chicago; was to have been assigned the call WGNB (to go with AM station WGN and old FM station WGNB). I have seen photos with these calls on equipment, but they went on as WGN-TV."

**EARLY VHF CASUALTIES:** Some early VHF permittees never got on the air. In some cases the cost of construction was a stumbling block; in others, cold feet about revenue projections caused owners to return their CP's. Such was the case with the two VHF channels originally allocated to Peoria, IL. According to Roggentine's letter, CP's for those operations were returned to the FCC in 1951. He also states that KERO in Riverside, CA (owned by the old KPRD radio) was assigned channel 1 but never went on the air. When channel 1 was deleted in 1949, a new (VHF) channel was never assigned to KERO because everything available had already been used in Los Angeles and San Diego/Tijuana.

**CHANNEL ONE:** I've always been under the impression that the frequency allocated for channel one was reserved for either government or educational use; and that channel one, as such, was never used. Earlier in this month's column you read that Zenith operated an experimental station in Chicago on channel one; and that a commercial station in California had at one time been assigned to the channel. Since there seems to be more than meets the eye about this 'mystery channel', how about some help from Time Tunnel readers? Anyone with good solid info on channel one, please drop me a line.

NEXT MONTH: "WAY BACK WHEN..."