

The Official Publication of the Worldwide TV-FM DX Association

NOVEMBER 1993



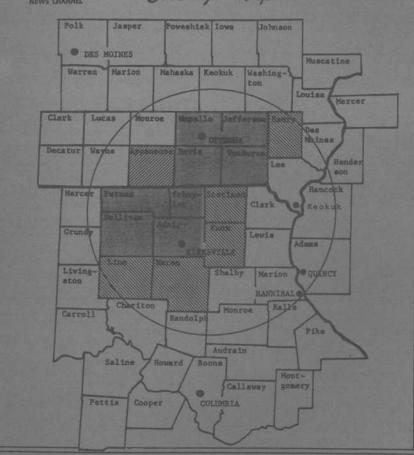
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THE HEARTLAND'S NEWS CHANNEL

Coverage Map



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Overseas: \$32.00

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ANARG UPDATE

The news from ANARC has been slow. ANARC has a new constitution. Excitors are being held for Executive Board members. There are only 3 nominees for the 3 positions. The three are well known in the DX hobby and have been active participants in several clubs." The three nominees are Harold Cones (a.k.a. Dr. DX). Mark Meece, and Bill Oliver.

Nominations were requested for the ANARIC awards. The times awards are North American Specialty Band Dixer of the year, and international Dixer of the Year. The awards will be given out at the 1994 SWI. Winter Fest. Speaking of the 1994 Winter Fest, it is scheduled for the weekend of March 11-13th at the usual place in Kulpeville PA. Everyone who has gone in the pest has had a great time. It is a great way to mingle with the Greats and the Knowledgable Ores of our hobby. More in a future report.

it is not too early to think about planning to attend a DX event in 1994. A West Coast Radio Festival is being planned for the weekend of August 10th to the 14th at the Holiday Inn Bristol Plaza, in Costa Mesta, California.

CONFESSIONS OF A DISH HEAD

How many WTFDA members own a satellite dish? For those who don't, let me tell you what it is like to be a Tolsh Head" (a.k.a, "Sky Scanner"). Since I had the dish installed in December '92, I've been totally addicted to it. It has taken over my mind. I constantly think about it. I talk about it so often to my co-workers and thends that they no longer want to listen to me. My vocabulary has greatly increased, not only with words that

A typical "Dish Day" begins at about 3 P.M. when I begin to get the urge to go home and begin my search of the sky. Unfortunately, I still have two more hours of work. I must content myself with the local newspaper's TV idelings to like up the evening's t-viewing possibilities. Then I may get into a discussions about digital compression with a co-worker or two. If treate sure to bed-month the local cable company.

Once home, I'll do a "sky scan." I'll check each satellite channel by channel to see if there are any changes and to see what's new. There is always something new. One of the things I like about TV DX is to see what the changes are. With a safetille dish, the changes occur almost daily. Services change channel. New services start up often without notice. There are the oddsall new level-leads, talk shows two days early, and teleconfinences. Much of what I see are "rideo-bitles." I am always triving to learn about new services, when they are going on, and where. The industry likes to keep this a secret. New services are usually stumbled upon. The magazines are usually no help. By the time they amounce is

Since getting my dish, I've watched little convenillal television. The most watched channels are El Entertainment Television, Nick at Night. The Travel Channel. The Carloon Network, ASE. The New England Cable News Channel. The Oxford Channel And the Carlobour Statellia Network.

The Travel Channel. The Carloon Network, ASE. The New England Cable News Channel. The Oxford Channel, and the Carlobour Statellia Network. There air the Ethnic south as outlined in August's Safellia Network. There air the Ethnic south as outlined in August's Safellia Network. The Carlobour Statellia Network and the Carlobour Statellia Network. The Carlobour Statellia Network Statellia Network. The Weather Net, TV5, Vision TV, and the Atlantic Safellia Network.

My two biggest fears are encryption and digital compression. Encryption is rampent. I get about 125 "Citiar Channels." About another 125 channels are encrypted in the VC 2× format, which can be descoded by most satelitie escolvers. Then there about another 75 channels that are encrypted in the Leitoh, Caix, B-MAC, and a few other unknown encryption formats. Another hig industry secret is what is being encrypted. Some are easy, to figure out, others are real mystenes. Digital Compression is a braind new sectioology that alknow more than one video cleaned to be delivered on one transponder. It is being tested on several transponders and is now being used for two pay-per-view channels and several Canadian Cable Services. The receivers for Oighal Compression which will be called "Transcoders" will not be available until the later half of 1994. With a starting price of over \$2000, a transcoder will not be part of my satellite system for many years to come, but it will be a necessity someday.

If you are considering buying a satellite system, my advice is to get one. It is well worth the cost. Before buying a system, do research.

Check out the different receivers, different dishes, and different LNB's. Then do your shopping. Find a dealer that you are combitable working with, preferably one who has been around for a white. Cheapest may not be the best. It is a big purchase and you want a system that is going to last.

WMBC-63 is on the air. This station from Newton NJ has been on the air for several months: it is what I call a "Cherrypicker," picking up programming off the satellite from a variety of sources. Mein Street TV. FamilyNet, and Showcase America.

WZ3BC West Orange NJ is on the air with "The Box." The cost of a video is three dollars, which is quite steep computed to the "Box" on the

cable system in Queens NY and on W3SAV in Boston.

W18V is new to the air from Deer Park NY. The signal quality here is nearly nonexistent. Their programming is from ChannelAmerica.

A HOT FLASH: WHAI-43 Bridgeport CT has returned to the air September 1st. They have the ValueVision home shopping network 24 hours.

Finally, WLIG-55 claims to have a translator in Stamford CT, W39BC. I have not seen this station, so I can not confirm its existence. Their other translator W57BC from Unlondale NY has been on sporadically and with a lower power. The local cable company finally put "TV-55" on their system, so my feeling is that W57BC is now being beamed west for the Queens County Cable system.

Sa PSprachman.



Abbreviations used in this column: Effective Radiated Power in Kilowatts HAAT = Height Above Average Terrain, in meters AAT = Above Average Terrain AG = Above Ground ASL = Above Sea Level nc = no change Transmitter (and tower) Location Construction Permit TL = CP = MP = Modification Permit (modification of Pr= Province (of Canada) Non-commercial CRTC = Canadian Radio-Television Commission DBS = Direct Broadcast Satellite

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St Ch ERP HAAT Call City MA 22 4455 nc WWLP Springfield (was 3390kW) SD 15 692 155 KCLO-TV Rapid (was 158m)

MODIFICATIONS GRANTED TO CONSTRUCTION PERMITS

City St Ch ERP HAAT Call KY 49 2610 WDKA Paducah nc: (was 2786kW)

CALL LETTER CHANGES

Was St Ch City UT 14 Salt Lake KXIV-TV KJJZ-TV

STATION BACK ON THE AIR

Cookeville, TN: WKZX 28 229kW/265m TL 3607'33"N, 8517'33"W about 3km WSW of Monterey, Tenn., just south of I-40. Reported seen by Ed Phelps in late September with home shopping.

NEW STATIONS ON THE AIR

Wheatley, ON: CHWI 16-: Technical facilities unknown. TL probably 42 03'41"N, 82 29'5"W on the CIII-TV-22 tower near Cottam, about 30-40km east of Detroit. Independent, semi-satellite of CFPL-TV 10 London. Seen testing by Bob Seybold in late September.

Del Rio, TX: KTRG 10z: 316kW/352m; TL 29 21'25"N, 100 23'16"W East of Del Rio, near Brackettville. Fox affiliate. Greg Coniglio says this was reported on in a trade magazine. You might mark this as a "tentative" until someone logs them.

OTHER STUFF

The callsign change above (KJJZ-14) isn't official, I've seen it listed in the trade magazines but not in FCC information. One place shows the new calls as KJZZ. In any case, the station has been purchased by the Utah Jazz basketball team.

Combined Communications has changed its mind about selling WBFS-33 Miami and WGBO-66 Chicago. They'd been negotiating with Chris-Craft, and other groups had also expressed interest in the stations. (there had been speculation that Univision would buy WGBO & make it a Spanish-speaking station)

A proposal has surfaced in Congress to extend the 3% tax on telephones to cable TV service.

WLOV-27 West Point, MS has been sold to the owners of WTVA-9, in the same market. (indeed, the stations share the same tower) Although recent changes allow the same firm to own more than one radio station in the same market, it's still illegal for the same group to own more than one TV in the same market -- so I don't know what's happening here. Best guess is that WTVA will take WLOV off the air & turn in the license, thus eliminating its competition.

Also sold were WKYT-27 Lexington and WYMT-57 Hazard. The stations had been taken over by the state of Kentucky when the insurance company which owned them became insolvent. The new owner is Gray Communications, owners of WALB-10, WJHG-7, and KTVE-10. Another sale involves dark WHCT-18 (I

thought their license had been returned to the FCC?); this station's new owner also owns 51% of WHRC-46.

The company that developed the first practical video recorder, Ampex Corp., is getting out of the broadcast business. A heavily leveraged buyout in 1986 left the company suffering from heavy debt, and tough competition from Sony, Panasonic, and other VTR manufacturers left Ampex with a greatly reduced customer base; VTR sales dropped over 50% between 1990 and 1992. The firm will concentrate on its high-capacity data storage and high-end video production equipment lines.

CABLE ACT

Most of the Cable Act has withstood a challenge in Federal Court. Rate regulation, program access (the requirement that program providers sell to other technologies), and retransmission consent have all been upheld by Judge Thomas Jackson. Jackson had previously upheld the must-carry regulations. His ruling was based on his belief that the provisions upheld didn't regulate program content; they are "not telling the speaker what can or cannot be said."

With regard to retransmission consent, the judge wrote "Congress has independent constitutional authority to provide creative artists with copyright protection of their work." Provisions requiring public/government access and leased access channels were also upheld, as were those making systems liable for obscene programs on such channels, and those preventing civil lawsuits against city-owned cable systems.

Three provisions, however, did not survive. Judge Jackson ruled that regulation of how many homes a single cable firm might serve is unconstitutional, causing the FCC to put on hold a scheduled vote on its proposed ownership rules. He also overturned regulations prohibiting unscrambled previews of R-rated movies, and those requiring DBS systems to air a certain number of educational channels.

The provisions upheld by Judge Jackson can still be appealed, and the Supreme Court has agreed to decide whether must-carry is constitutional. A decision on hearing appeals on the other provisions of the Cable Act hasn't yet been announced.

As if cable wasn't already in enough trouble with the FCC and Congress... A

report in Broadcasting notes that Jones Intercable, which serves the Alexandria, VA neighborhood in which FCC chair James Quello lives, levied a late-payment charge against the Quellos when Mrs. Quello missed the payment deadline, for the first time in 8 years. That happened to be the same month Jones began charging for their converter box. Jones agreed to waive the late charge in light of the Quellos' excellent past record, but stood by the converter charge.

In another similar incident, the cable systems serving Malden and Medford, Mass., inadvertently overcharged customers after miscalculating basic cable rates. These two towns are in the congressional district of Ed Markey—the chairman of the subcommittee that oversees cable regulation..

RETRANSMISSION CONSENT

In most markets, the retransmission deadline passed without serious incident. Stations either had reached agreement before the deadline, or gave cable temporary extensions of free consent, providing more time for negotiations. Here in Nashville, WKRN-2 signed an extension, and WSMV-4 signed an (undisclosed) agreement on the last day before the deadline. WTVF-5 had announced several months ago that they'd reached an (also undisclosed) agreement. WZTV-17 signed on to the standard Fox plan. WXMT-30, WHTN-39, WPGD-50, and non-commercial WDCN-8 all chose must-carry.

However, in some places, stations did miss the deadline. Probably the biggest fight is in Corpus Christi, Texas, where none of the three network affiliates reached agreements with TCI and two smaller cable systems in the city. TCI's local manager admitted to Broadcasting & Cable that his system was losing 100 subscribers a week over the weeks leading up to the deadline-how many more were lost after the deadline isn't known. TCI had nearly 50,000 subscribers. Most of those who cancelled TCI have signed up for OmniVision, a wireless system. OmniVision now has 14,000 subscribers in Corpus Christi, an increase of 33% in one month.

The TV stations in Corpus Christi seem not to want the cash as much as recognition by cable systems of the value of their programming. KRIS-6 and KIII-3 offered to grant retransmission consent for free if TCI would reduce their bill by 60/month for each station, but TCI took out an ad declining the offer, claiming the rate regulations prohibited it.

Other stations known to be dropped on at least one cable system: WCSH-6 Portland, Me.; KBAK-29 Bakersfield, Calif.; WEAU-13 Eau Claire, Wis.; WCJB-20 Gainesville, Fla.; WWMT-3 Kalamazoo, Mich.; and undisclosed stations in Rockford, Ill. and North Carolina.

CBS, the last network to hold out for cash payments for carriage of their owned-and-operated stations, granted a 1-year free extension for cable systems carrying their stations. At the last minute, it tried to launch a cable channel (like ABC's ESPN-2 and NBC's public affairs channel) to offer in return for carriage, but cable systems wouldn't go for their proposed news & public affairs channel, and a proposed entertainment channel fell apart when partner Viacom became involved in a bidding fight over its merger with Paramount.

Arbitron decided to delay release of their overnight ratings for the week of Oct. 5. Stations and advertisers worried that the accuracy of automatic viewing meters would be affected by cable channel changes prompted by failures in retransmission negotiations. Another concern was that metered households would buy (or bring out of the basement!) a second, unmetered, TV for watching over-the-air broadcasts.

WPMT-43 provided some added value to cable systems that signed retransmission agreements-- a T-shirt reading "I survived the retransmission war"...

LPTV WATCH

| Call | St | City; programming |
|-------|----|------------------------------|
| W12CL | | Windsor Locks; OFF |
| W13BF | | Hartford; Univision |
| W36BJ | NJ | Atlantic City; TBN |
| W53AS | | Pownal; WETK-33 (PBS) |
| W63BT | IN | Evansville; Tri-State Sports |
| W65BX | | Springfield; Univision |

This month courtesy of Greg Coniglio, Robert Delaney, and John Zeis. See also Fred McCormack's item for more LPTV info.

FORUM

Fred McCormack, St. Paul MN:

First, Fred has several corrections/questions on items that appeared in September LPTV Watch:

- K29AD Corsicana, TX:Fred's info lists this as moving to channel 30 as K30DG,

effective May 29, 1990. Also, it was once reported to Western TV as carrying The Learning Channel, and is listed as licensed to Navarro College-does anyone know if Navarro is a religious institution?

- W41BW Dothan, AL:Fred lists calls as W41BN.

 K47FH College Stn., TX:Fred lists calls as K47ED.

Next, Fred asks "Do you have anything on the channel 43 in Virginia Beach which is being reported in Eastern TV-DX with HSC?" His LPTV lists are considerably more complete than minebut they show nothing in that area either. He speculates WVBT-43 has temporary authorization to operate with low power until their regular transmitter is ready; there is no record of WVBT being officially on the air.

A question has arisen regarding KLDT-55 Lake Dallas, TX. This station was reported dark in January 1993, after its backer, TV preacher Robert Tilton, was caught by ABC TV discarding prayer requests. Fred has received a TV DX report including three loggings of this station in July 1993; does anyone know if it did indeed return to the air?

In the same report, there was a logging of WMTU-16 Jackson, TN which indicated that the station relays WLMT-30 Memphis. Because WLMT isn't a Fox affiliate, this raised the question of whether WMTU was, in fact, Fox. My understanding is that WMTU relayed WLMT except during the Fox network schedule, at which time it carried the Fox programs. In any case, this is now a moot point; as indicated in Tom Bryant's contribution to October Forum, WMTU is now LMA'd as a satellite of Fox affiliate WPTY-24

With regard to Frank Aden's report of LPTV goings-on in Boise: "That channel 22 in Nampa ID should be on by Thanksgiving - in fact, it should be cancelled by now! They must be convincing the FCC that they are actually building it." (the FCC requires construction to begin within a specified period of the date a CP is granted; it also provides a specified period within which the station must come on the air. How this jibes with WTVU-59's CP, open since 1953, I have no idea!) "The Idaho Statesman article must be referring to the construction permit for K22DX." This CP is for 23.2kW at 4345'18"N, 11605'52"W, the same coordinates as K26CY and very

close to (possibly on) the KBCI-2 tower. Plans to use an existing tower may explain why the Deer Point authorities don't know about K22DX.

The Oregon PBS translator displaced by KHDT-9, K09OD, is to be replaced by K15DY. This translator is authorized for 1.16kW at 4403'53"N, 11654'14"W, about 16km WSW of the K09OD site. Fred's database, dated May 29, shows no CPs or applications for channels 30 or 32 in the Boise area.

unID phone caller:

Someone left a message on my machine in early October reporting channel 36 in Atlantic City, NJ on the air with TBN. Unfortunately, the machine garbled their name! This TBN is a LPTV; see John Zeis' report below.

John Zeis, Exton PA:

John also notes the appearance of TBN in Atlantic City. He believes W36BJ came on in early September. The most recent CP is 19.9kW; "When received here (78 miles), it is noticeably stronger than "full power" 12kW WWAC(-53)".

John also has a better explanation for Gus Mancusco's observations about cable carriage in the Baltimore and Washington areas. "Must carry applies only to stations within the ADI (Area of Dominant Influence) of the cable system." (actually, "dominant influence" refers to influence of the over-the-air stations in a given city of license) "Washington, Baltimore, and Harrisburg-York-Lancaster-Lebanon (PA) are separate ADIs. Therefore, Washington stations do not have to be carried in Baltimore or in Howard County which is in the Baltimore ADI. Frederick, although closer to Hagerstown, is part of the Washington ADI, so channel 68 (WJAL) does not have must carry status. Also, even if Washington and Baltimore were in a single ADI, only one of each network affiliate must be carried."

"ADI definitions cause problems for many small town stations. If they are in small ADIs, they may have must carry status in as little as a single county. For example, the Hagerstown ADI is so small (Western MD only), the WJAL transmitter in PA is outside the ADI. Another problem is stations at the edge of a large ADI. Several stations, including WMFD, Mansfield, OH have petitioned the FCC to be considered part of another ADI that they border.

ADIs are calculated by Arbitron; an

ADI contains all the counties in which the majority of viewing is of stations licensed to the city or cities after which the ADI is named. So, for example, if 55% of all TV viewing in Rock County, Wisconsin is to Madison stations, that county is placed in the Madison ADI.

The FCC recognizes Arbitron's calculations in several places in the rules, including the must-carry regulations, although the Commission can also, as John indicates, override Arbitron's definitions for regulatory purposes. ADI definitions can be found in the Television Factbook, at the head of the listings for each state; also, the entry for each commercial TV station indicates which ADI that station is located in. My apologies for not catching this -- it answers a number of Cable Act questions that have appeared over the last few

Greg Coniglio, Williamsville NY:

Greg writes via the Internet .. He visited the National Radio Club convention in Enfield, CT in August, and passed along a number of LPTV notes. Regarding W12CL, Mike Bugaj told him it was run from someone's home, using a VCR & an antenna on the roof; he applied for permission to build a tower & when it was turned down, he shut down the LPTV.

Greg has noted a "one-way" opening; reportedly, Bill Eckburg in Illinois called to report he was seeing the Western New York stations with good signals, while there was no propagation to Illinois from the New York end. My belief is that this was probably a "duct" opening, where a "natural waveguide" forms in the troposphere. These "waveguides" have a definite top & bottom, and antennas outside these limits won't receive (or transmit) DX signals. In this instance, the Illinois end of the waveguide was near the ground, while the New York end was several hundred feet in the air; the transmitting antennas of the Buffalo-area locals were in the guide, but the lower receiving antennas in the area weren't. Similar effects have been noted by VHF hams on the California-Hawaii tropo duct; sometimes, only stations in high locations are able to contact the DX-on other occasions, only lower stations get the DX.

"I received an aircheck of a Wilmington, NC (radio) station and there were promos on there for a "Fox 9" TV. LPTV?" No, it's a cable channel. In a limited number of markets-- Wilmington and Bismarck ND are the only two I know of-- where there is no over-the-air Fox

affiliate. Fox has signed agreements with cable systems allowing them to carry the satellite feed. I believe a special feed is provided, with syndicated programming to fill the periods when the Fox network isn't on the air. The cable system is allowed to sell local commercials within this feed. Greg also says he received a copy of a Cambria, Calif. newspaper which lists a "KSBY-4 San Luis Obispo". Problem is, KSBY is on channel 6! I can't find any LPTV/translator listing on channel 4 in that area either. My guess is that the Cambria cable system carries KSBY on channel 4.

In another message, Greg says Buffalo stations have been running announcements that their cable positions have been moved to their over-the-air channel because of the Cable Act. "(I didn't know it had anything to do with that?)" (neither did I!) WGRZ-2 used to be 3, WIVB-4 was 6, WKBW-7 was 8. WUTV-29 was 12, moved to 8; WNYB-49 now on 12. (presumably added because of must-carry) CBLT-5 and CFTO-9 have been moved to their over-the-air channels as well. "We used to get TV Ontario but they took that off awhile back, same with CHCH-11 and WPIX-11, for other cable channels..." "We have been getting mailings from the cable company saying how wonderful cable companies are, and how evil stations that want money from them are!"

Bill Nienajadly, Clifton NJ:

As always, Bill sends a wealth of clippings! Let's start with retransmission consent in northern New Jersey. As of October 4, the day before the deadline, of the 7 VHF stations in New York City, (apparently the North Jersey Herald & News doesn't care about UHF!) only WWOR-9 and WNET-13 had reached agreement with all five cable systems in the area -- and the paper said that, with the exception of WWOR on TCI Cable, the two stations had invoked must-carry rather than asking for compensation. WPIX-11 had reached retransmission agreement with only onecable system; while WCBS-2 only lacked agreement with one system. (however, CBS had given up on receiving compensation & was offering limited-term free carriage of their owned-and-operated stations, like WCBS.) On one system, WNYW-5's agreement amounted to an extension for negotiations through December 7. In the same paper, two days later (the day after the deadline), David Capo, spokesman for TCI Cable, said "No one will be waking up to snow unless we have some sort of weather anomaly." Agreements had been reached with all

A widely-publicized story reported that on September 23, the FCC allocated 160MHz for wireless communications. The spectrum is to be taken from fixed-service users like railroads, utilities, and pipeline companies -- unfortunately, none of the articles specify exactly which 160MHz is to be taken! In each market, 120MHz of this spectrum is to be split into seven blocks, each block to be auctioned to the highest bidder. It's hoped that \$10billion or more can be raised through these auctions, money that would go to the federal treasury. The remaining 40MHz is to be reserved for non-commercial users, such as university communications.

No technical standards have yet been set for the new service, except that it will MCI's VP for Personal be digital. Communications Services, Steve Zecola, told Broadcasting & Cable "It's AM stereo all over." The FCC's failure to define technical standards for AM stereo broadcasts in the late 1970s led to reluctance by broadcasters to broadcast in stereo, and reluctance by radio manufacturers to build stereo radios; today, AM stereo is nearly non-existent.

The highly-publicized show "NYPD Blue" is receiving excellent ratings, despite being "blacked out" in 47 markets containing 11% of ABC's potential viewers. A report in the NY Daily News said the premiere episode earned the best ratings for a 10PM Tuesday show since early 1989. The largest market to preempt the show is Dallas, where WFAA-8 refuses to carry the program. In two markets where the local ABC affiliate has refused to carry the show, other stations have agreed to carry it -- in Dallas, KTXA-21, and in Cape Girardeau, MO (where the ABC affiliate is WSIL-3 Harrisburg, Ill.) KBSI-23 will carry the program.

Ten ABC affiliates said they objected only to the premiere episode, and would carry the rest of the series. On the other hand, WTVO-36 Lexington, Ky, held a 900-number poll on the program, in which 58% of almost 39,000 voters objected to the program; the station promised to act on the poll's results, and will drop the show. An ABC executive admitted to the Post that some affiliates carrying the show had received death threats!

Congress is revisiting the Cable Act. Under pressure from a congressional committee, the FCC has surveyed the 25 largest cable firms, trying to determine if 7 complaints of rate increases since the adoption of the Act are justified. The firms are being asked to provide rate cards and channel lists for April 5 (the date rates were frozen) and September 1. (the date new rates went into effect) I suspect they'll find that rates for basic cable did indeed stay the same or drop—but that popular items (such as converters) and programming (such as ESPN and MTV) that used to be free are now extra-cost options, and that the price of premium channels has risen.

Yet another hearing is to be held on commercial length. The Commission is to decide whether to place limits on the amount of commercial time per hour, or per day; whether any restrictions should be regulations, or simply a factor in determining whether a station's license should be renewed; and whether home-shopping stations have a role in providing competition to non-broadcast services. Obviously, the adoption of commercial-time-per-hour restrictions would seriously alter the nature of-- if not eliminate-- over-the-air home shopping stations. Regulations could, however, also affect "infomercials" -- or even the number of "regular" commercials -- on non-home-shopping stations.

NYC's Consumer Affairs department has charged retired baseball star Johnny Bench, and the Home Shopping Network, with airing misleading claims about the value of autographed baseballs. According to an Oct. 8 article in the Daily News, Bench & his co-host claimed the baseballs were a "sensational value" at \$129-- while they could be purchased at baseball card stores for \$35. A number of other items of baseball memorabilia were hawked for "incredible" prices between \$8 and \$130 more than they could be purchased for locally. Bench faces possible fines of \$5,000 or more, and the HSN could be fined \$12,500. In a separate case, another home-shopping show on the MSG cable channel is charged with similar misleading claims & could be fined \$5,000.

Tom Bryant, Nashville TN:

Tom sent an item on DBS from the September 2 McLean Co. Independent. (Washburn, ND) It reports more details on the DirecTV DBS system. Local communications cooperatives (telephone companies? Would ask Tom but he's on vacation until after my deadline...) are obtaining franchises for several areas of North Dakota. Service is expected to start in April 1994, with most well-known non-premium services to be carried, (MTV, VH-1, and ESPN are conspicuously absent,

but the article says negotiations are continuing on other channels) along with pay-per-view movies from several major studios.

A basic package of 20-25 channels will sell for \$20-30/month; subscribers can then opt for up to 125 additional channels. The 50cm (18") dish & converter will sell for a one-time \$800 charge; an additional converter box can be added for \$600 which will allow viewing a different program on another TV. A regular TV antenna will continue to be necessary for reception of local channels.

DX ETC.

Actually, I'm being inundated by new FM locals! There have been several tropo lifts, nothing too exciting. Have heard of some pretty impressive trops elsewhere though; stay tuned to the DX columns! The F2 conditions on the 28MHz ham band have been improving rapidly; I wouldn't be too surprised to see more F2 TV loggings this winter.

It's a major relief to have retransmission negotiations behind uswasn't looking forward to the prospect of hundreds of phone calls from viewers wondering why WSMV wasn't on their cable anymore!

There have been a couple of inquiries about my distance-calculation program, as printed in September VUD; this program is still available in both DOS and Windows versions, or as a MS-Works for Windows spreadsheet; only cost for this program on 720K 3-1/2" disk is a self-addressed, stamped, disk mailer; I can also provide 360K or 1.2MB 5-1/4", or 1.44MB 3-1/2", if you send a blank disk. Sorry, no Macintosh version available. (though I hope to have better news on that shortly)

I'm trying a different program for writing this month's column; I hope it'll make for more even columns & easier writing. It should also (hopefully) allow easier integration of graphics-- but the chart I'd prepared to go here isn't here because I couldn't talk Windows Paintbrush into exporting it to a format the publishing program could deal with!

73 Doug



MAILING ADDRESS:
PHOTO-NEWS
12284 Nice Road
OVEMBER 1993 Akron NY 14001-9529

Dave Nieman Rock City New York Equipment: Harvard 13" color receiver/monitor, Channel Master 3617B VHF antenna at 15' AGL (2495' ASL) on a Radio Shack rotor, RG& coax feed into Winegard FT.760 FM trap and DA.205 distribution amp. Antennacraît P-7 (7' dish) UHF antenna into a DX Tele Lab EU-4S preamp at 25' ASL (2415' ASL) on a Alliance U-110 rotor, RG-11 coax feed.

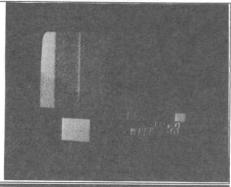
WPGH-53

Pittsburgh Pennsylvania

133 mile tropo

seen July 5, 1993

at 0420 EST



Jeff Kadet-Macomb Illinois. Equipment: ICOM R7000 with video adapter; Zenith N1310 13" color set. Screened Channel Master 7' dish and RDX UA-900 UHF preamp, feed is .500" aluminum hardline, antenna up 85 feet. Channel Master 1110 Quantum with Winegard PA-1975 VHF preamp, feed is .500" aluminum hardline, antenna up 80 feet. Winegard 5 element lo-band yagi (vertically polarized) with RG-11 feed, antenna up 18 feet.

W65BN

Iron Mountain Michigan

390 mile tropo

seen March 27, 1993

at 2010 CDT



K69BA

Iron Mountain Michigan

390 mile tropo

seen March 27, 1993

at 2010 CDT



More from Jeff next month.

DAVE

EASTERN TV-DX

Stephen West 26 Dougherty Blvd. G-8 Glen Mills, PA 19342

(215) 358-2648

November 1993

Deadline: 11-05-93

Many more reports of Hurricane Emily DX have been reaching this Eastern TV-DX command control center. Some ducting was noted in September but was not the strong, widespread type that we all know and love. Some of the best tropo was noted (not including Emily DX) on September 13th (NC to GA), 17th (ON to MO), 18th (TN to MO) and the 25th (ON to IL). Quick moving fronts have stifled much DX.

Doug Smith, 14 Brookside Court, Nashville, Tennessee W9W

Equipment: Sears 19" stereo TV: rabbit ears (VHF): Radio Shack 60 mile corner reflector at 5' for UHF.

| | June | 1993 | | | | | Jı | ine | 1993 | | | 74 (550-050) |
|---|------|-------|---------|----|-------|--------|----|-----|------|---------|----|--------------|
| | tr | 0700 | WKEF-22 | OH | (275) | (t) | 1 | tr | 0700 | WKLE-46 | KY | (178) |
| - | | 91133 | WTTE-28 | | | 22, 35 | | | | WCET-48 | OH | (234) |
| | | | WLKY-32 | | | | | | | WKON-52 | KY | (193) |
| | | | WTVQ-36 | | | (t) | | | | WCVN-54 | KY | (229) |
| | | | WDRB-41 | | | | | | | WDKY-56 | KY | (160) |
| | | | WRGT-45 | | | | | | | WSTR-64 | OH | (234) |

Comments: I first thought WTTE-28 was WKZX-28, reported as back on the air by Ed Phelps the previous weekend, until I noted it was parallel to WDRB-41 with Fox cartoons. I finally saw a Columbus ad and an ID at 0730. I was late for work but my boss chose to go on vacation. I am surprised how often Dayton/Cincinnati openings occur, Dayton was about as far as I ever saw from Wisconsin... openings down here occur during unusually cold weather. My vacation DX attempts from New Orleans, Houston and Springfield, MO produced nothing but locals. I should be a first-time homeowner soon, then the DX situation should improve rapidly. (Good luck! sw)

TON BRYANT - 849 TODO PREIS DRIVE - NASHVILLE, TN 37221 - 615-646-2000 - (COT)

EQUIPMENT: (same as Sept. '93 report) --- station total now 383

Haven't reported for the past couple of months because there hasn't been much going on. Did very little DXing in August, and only bagged two new catches in September...both on the 18th...and both on my 'most wanted' list!

Tr 2300 KOZJ 26 MO 429

Tr 2329 KDAM 7 KS 440

After a phone conversation with Jeff Kruszka I was convinced that I had incorrectly logged KZPP (20) LA on June 2. Don't know what I saw (might have been Montgomery) but Jeff and Ron LeBlanc say the station has never gone on the air. Normally I need to see an ID or something that leaves no room for doubt [my notes mention a spot for New Orleans on 20], but with the big opening into LA that night I just assumed that KZPP was on. Further proof that one should not 'assume'!

During trips in June and August I managed to see a few Tr skippers via cable system pickups. In Mankato, MN in June, KWQC (6) IA came blasting in when KAAL dumped their carrier. A few minutes later KWQC signed off and was instantly replaced by WITI in Milwaukee. The same night MN PBS KSMQ (15) was replaced at s/o by a s/f KQIA in Ottumwa. In August I spent two nights in a motel in my hometown (Napoleon, ND) and plucked a pair of 7's...KQCD (Dickinson..about 175 miles) and CXY (Winnipeg..about 325 miles). The receiving antenna in Napoleon is about 150' up the city water tank and orlented ENE for KJRR (7) Jamestown, ND; which had signed off by the time I stumbled in from a class reunion party at 2:30 in the morning! That's it...73's and gooOXing. Tom

Dave Nieman - Ho Sta Geh Road - Rock City New York

Equipment: Harvard 13" color receiver/monitor, Channel Master 3617B VHF antenna at 15 feet AGL (2405 feet ASL), on a Radio Shack rotor, Belden RG-6 coax feed into a Winegard FT-7600 FM trap (set to 95.7MHz) and Winegard DA-205 distribution amp. Antennacraft P-7 (7" dish) UHF antenna into a DX Tele Labs EU-4S preamp at 25 feet AGL (2415 feet ASL) on a Alliance U-110 rotor, Jerrold CAC-11 coax feed. New loggings are underlined. New call {KKKK}.

| Augus | t 1993 | | Augus | t 1993 | | S | enter | mber 25, 1993 d | ontinued | |
|-------|-------------|-------|------------|------------|-------------|-----|-------|--|----------|-----|
| 22 Tr | 0846 WCFE | 57 NY | 295 29 Tr | 0525 WPVI | 6 PA | 216 | Tr | 0844 WHIO | 7 OH | 340 |
| | 0847 WVTB | 20 VT | 374 | 0541 W69CS | NY | 66 | | and the same of th | KBW Buff | |
| | 0854 WETK | 33 VT | 333 | Buffalo | "The Box" | | | 0857 WPTD | 16 OH | 341 |
| | 0930 WBFF | 45 MD | 208 | 0552 WTMW | 14 VA | 227 | | 0859 WGGN | 52 OH | 227 |
| 22 Tr | 1000 WTWS | 26 CT | 326 | Arlingtor | "HSC/Spre | e" | | 0900 WTTE | 28 OH | 264 |
| | 1059 CIII2 | 2 ON | 220 | 0759 WTBY | 54 NY | 231 | | 1000 WBGU | 27 OH | 287 |
| | 1158 WGTE | 30 OH | 257 Septer | mber 1993 | | | | 1030 WWTV | 9 MI | 376 |
| | | | 258 25 Tr | 0300 WOWK | 13 WV | 313 | | 1730 CKCO3 | 42 ON | 193 |
| 28 Tr | 0900 CICO12 | 12 ON | 212 | "All New | 's Channel" | | | 1800 CKCO2 | 2 ON | 243 |

I've seen some fair morning tropo openings in August and September. I am still waiting for one of those 500+ mile ones. I have been clearing away some of the trees around the shack every weekend; that has helped reception on the UHF band. Dave (Logging trees and logging DX at

the same time? How about putting an antenna up in a tree? sw)

BM1

Dave Nieman - 12284 Nice Road - Akron New York 14001-9529

Equipment RCA 19" b&w TV with Teknika 6510 tuner, Channel Master 3617B VHF antenna on a CDE rotor at 23 feet AGL (813 feet ASL). Channel Master 4251 UHF antenna (7' dish) into a Blonder-Tongue CMA-Ub preamp on a crank New loggings are underlined. New call {KKKK}.

| 3 GW 0009 W69CS | NY | Augus | | Augus | t 1993 | | |
|-----------------|-----------|-----------------|-------------------------------------|---------------------------------|-----------------------------------|----------------|------------|
| | "The Box" | 1810 Es 1091 | 1316 KBTX 1320 WLBT 1329 KTBS | 1288 21 Tr 983 22 Tr 1097 | 0800 WGKI 2337 CFMT1 London | 33 MI 69 ON | 351 142 |

Two new channel 69s to report in August. Local one is Video Juke Box Network in stereo 24 hours a day. There signal sit very strong out here so there was no thouble seeing the other new channel 69 CFMT1 London, Ontario. They repeat

George Hamer, 3000 Ocean Parkway, Apartment 10M, Brooklyn, N.Y. 11235

Equipment: Sharp Color TV (model N25NTS8), Channel Master 4228A antenna on the balcony pointing southwest, Radio Shack U-75 UHF antenna pointed northeast. Both antennas are for UHF. A Winegard PA-8275 is used on the CM antenna.

| August 1993 | Comments: My antennas have to be on the |
|---|--|
| 27 tr 0850 WETA-26 DC 29 tr 2100 WGNT-27 VA 30 tr 2300 WUNM-19 NC WWBT-12 VA s/f WUNP-36 NC | balcony because no one is allowed on the roof. (not even Santa Claus ? sw) I used a 13" color Sony TV I recently purchased to pick up WPRI-12 and WJAR-10, in Rhode Island. This is my fifth year of TV DXing. |

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

| August 1993 | September 1993 |
|----------------------------|-----------------------------|
| 31 Es 1902 UNID-3 0 offset | 6 Es 1154 UNID-3 PBS |
| | 13 tr 0900 WNEP-16 PA |
| September 1993 | 18 tr 0230 WAAP-16 NC (251) |
| 1 tr 0145 Raleigh, NC U's | 25 tr 0235 WYED-13 NC (248) |
| 5 Es 2045 UNID-2 + offset | 0238 WBTW-13 SC (t) cci |

Correction: Last months logging by Mike Bugaj on August 30th at 2300 was $\underline{\text{WYED-}17}$ NC and not WUNM-19. This was a new one for Mike, Conratulations and many happy returns. (verifications, that is.)

Bob Smolarek, 31 Mark Drive, High Bridge, New Jersey 08829

Equipment: Teknika TVC-22, Channel Master 7475 UHF broadband pre-amplifier, Zenith Chromacolor 2 TV

| Ju | ly . | 1993 | | | | Au | qus | t 199 | 3 | | | |
|----|------|------|---------|----|--------|-------|-----|-------|---------|-----|---------------|-----|
| 15 | Es | 1738 | WPBT-2 | FL | (1061) | | | 0015 | | VA | (239) | |
| | ~ | 1813 | KGAN-2 | IA | (855) | | | 0020 | WVBT-43 | VA | (HSC) | |
| | | 1908 | KQTV-2 | MO | (1050) | | | 0115 | WJKA-26 | NC | (487) | |
| | | | | | | | | 0130 | WLFL-22 | NC | (404) | |
| Au | gus | 199 | 3 | | | 1000 | | | | | erloadin | q!" |
| 4 | tr | 0700 | WRIC-8 | VA | (263) | 2 | | 0150 | WTVD-11 | NC | (398) | |
| | | 0731 | WWBT-12 | VA | | | | 0153 | WRAL-5 | NC | (398) | |
| 13 | Es | 1900 | WBRZ-2 | LA | (1161) | 100 | | 0827 | WLTX-19 | SC | (557) | |
| 27 | tr | 0900 | W67BG | DE | | | | 0900 | WBTW-13 | SC | (499) | |
| 28 | tr | 0905 | WFPT-62 | MD | (161) | 82-31 | | 0920 | WCCB-18 | NC | (491) | |
| 30 | tr | 2000 | WITN-7 | NC | (391) | 717 | | 0930 | W52AX | MD | Alexandrian (| |
| | | 2030 | WNCT-9 | NC | (391) | W | | Leon | ardtown | W/N | 1STV | |
| | | 2100 | WUND-2 | NC | (339) | | | | | | | |

Comments: Hurricane Emily produced some great TV trops, channel 7 from Washington, NC was dominating, and channel 22 from Raleigh was snow free! This was truly a classic opening! I had WBTW-13 from Florence, SC on a portable TV, the best catch of the opening. Channel 11 had Raleigh under a strong WBAL-11 in Baltimore, and WPIX-11 in New York was gone. (Thanks for the 96-TIC chart! sw)

Frank Wheeler, 8533 Wattsburg Road, Erie, Pennsylvania 16509

Equipment: Crosley color TV, Archer VU160 TV antenna

| July 1993 | | | August 1993 | |
|----------------------------|---------|--------|--------------------|-------------|
| July 1993 25 Es 1530 WE | DU-3 FL | (988) | 10 Es 1900 WPBT-2 | FL (1112) |
| | SH-2 FL | | 11 Es 2100 WESH-2 | FL (908) |
| | | | 19 tr 0820 WMCU-14 | MI (254) |
| August 1993 | | | 23 tr 0900 CFMT-69 | ON (118) |
| 4 Es 1530 KS | NC-2 KS | (1009) | - | |
| 10 Es 1630 KS | NC-2 KS | (1009) | "Have a good fall, | , may your |
| 1730 WE | DU-3 FL | (988) | favorite baseball | L team win! |

Joseph Fela -150 Robert Place - South Plainfield, N.J. - 07080

Equipment: G.E. monitor, Antennacraft P-7 dish @ 35 ft., Winegard PA-4975 amp, rotor.

Tropo compliments of Hurricane Emily:

AUGUST 1993 D100 W44AD VA (Onancock, t-WTKR-3), near snowfree 0112 W25AA VA (Onancok) translating WPDE-15 instead of normal WHRO. 2000-2400 Eastern Shore and Norfolks strong plus NCs WYDO-14, WUNM-19, WUNP-36, WUNJ-39 and even WNCT-9 over Local Comments: Local pest W36AS WWOR (with phasing) was off for a few days during this period, but is now back ????-58, Home Shopping Spree, in/out all nite on with 24 hour a day program-0104 W52AX MD (Leonardtown), seemed to be MSTV ming. WMBC-63 has also gone 0130 WLFL-22 NC 24 hours. 0145 Scranton and Central PAs guite strong. 0200 WUHF-31 NY, Fox 31, Rochester ad. 0207 WRDC-28 NC c/b, then off. 0510 W56-- PA (Lake Ariel, t-WVIA-44), tnx to Harry Hayes for IDing. 0513 WJZY-46 NC 0514 WPDE-15 SC with c/b 0>25 WCCB-18 NC Fox 18, Home Shopping Spree 2025 WUNI-27 MA 2035 WFXT-25 MA o/Local WNYE (with dish pointed at WNYE!) Other Bostons also in. 1 2100 WRLH-35 VA O/WYBE

Rich Shaftan, 39 Old Middletown Road, Rockaway, New Jersey 07866 (201) 586- 3563 Beeper (201) 661- 5662

Equipment: VHF Channel Master 3517 with a RS 20 db amp (5 db noise) and for UHF: a Channel Master 7 foot dish, PA-8275 Winegard amp, RDX Labs balun, RG6 coax, Blonder Tongue amp provides an additional 20 db gain and 4.5 db noise. Total system gain is 50 db.

| Ju | ine | 1993 | | | | Au | gust | 199 | 3 | | | |
|-----|-----|------|------------------|-----|-------|---------|------|--|-------------------|----------|--|--|
| 15 | Es | 1112 | WJXT-4 | | | 3 | Es | | KDLH-2 WJMN-3 | | | |
| | | | WESH-2 WEDU-3 | | | 11 | tr | | WCTI-12 | | | |
| | | 1300 | WTVY-4 | | | 200 | | | WFXI-8 | NC | | |
| 1.7 | Es | 1100 | WDAF-4 | MO | | | | A 100 100 100 100 100 100 100 100 100 10 | W41AC | VA | (WAVY-10) | |
| | | | KGAN-2 | | | | | 1000 | | NC | and and some | The State of the S |
| 24 | Es | 1812 | WBTV-3 | NC | | 3.0 | tr | 2132 | | NC | minima. | |
| 3 (| Es. | 1233 | CJCN-4 | NF | "NTV" | | | | WITN-7 WUNP-36 | NC NC | Ph 6 17 | |
| Ju | ily | 1993 | | | | | | | WEDY-65 | | trace into | R. |
| 1 | Es | 1238 | WESH-2 | FL | | | | 2358 | WVIR-29 | VA | 一是人们的 人。160 | Mich. |
| 6 | Es | 1530 | KGAN-2 | IA | | | | | | | A THE OWNER OF THE OWNER OWNER OF THE OWNER OWNE | 1 |
| 31 | gw | 0852 | NJN on | CH. | 497 | Se 1 | | mber 0830 | 1993 WCVW-57 | VA | | |

Also seen on 8/11 at 0252 was WPHL-17 on channel 42 with the antenna pointed north. On September 1st at 0825 there was an UNID-69 with religious programs, antenna was pointed south. W41AC was in at the time.

William R. Hepburn 35 Lockwood Rd Brampton ON L6Y 4T7 (EDT)

Rcvr: JUC HR-D630U UCR & Icom IC-R100
Ant: attic UHF dipoles & 2nd Floor UHF 4-bay

Eastern TV-DX

| Se | pte | nber | 1993 | | | | | | | | | | | | |
|----|-----|------|------------|-----|----|----|------|---------|------|-----|----|--------|-----------|-----|-------|
| 01 | ES | 5039 | MUF 4 | | 17 | TR | Ø3Ø3 | CHWI-16 | DN | 177 | 25 | TR 153 | E WLAJ-53 | MI | 255 |
| 03 | TR | 2029 | WANE-15 IN | T | | | | Wheatl | | | | | Lansin | g | |
| 13 | AU | 0217 | unids 2-9 | ř., | | | 2035 | KSPR-33 | MO | 822 | | 153 | 7 unid-26 | Ch. | inese |
| 17 | TR | 0251 | WJBK-2 MI | 193 | | | | Spring | fie. | ld | | | CWCIU? |) | |
| | | | Detroit | | 18 | TR | 0355 | WNEM-5 | MI | T | | 160 | 2 WCFC-38 | IL | 416 |
| | | | 5561516 | | | | | | | | | 162 | 1 WYCC-20 | IL | T |

NQTES
Se 17 TR - CHWI-TV 16 seen testing w/tp w/"SOUTH WESTERN ONTARIO
BCST". Xmtr in Tup. of Romney (Kent Co.). Same Tup.
that Stevenson-22 is located.
- KSPR 33 Missouri a new Tr distance record for me!
822 miles breaks my old record of 603 miles (WHNS-21 NC).
Audio only w/clear IDs heard. This was a very weak duct.
There were a number of unids, again audio only. The ICOM is
invaluable..as openings too weak to produce video can often
be detected.

Stephen West, 26 Dougherty Blvd. G-8, Glen Mills, PA 19342 N3FYO

Equipment: Icom R100, 4-bay UHF antenna, Winegard PA-4975 amp

| September 1993 | September 1993 |
|-----------------------------|--------------------------------|
| 1 tr 0800 WUNM-19 NC (320) | From Nags Head, NC (cont.) |
| WHMC-23 SC (430) | 13 tr 1120 WUBI-34 GA (400) |
| WTAT-24 SC (510) | 1130 WHSG-63 GA (480) EBS Test |
| | WGNX-46 GA (500) |
| From Nags Head, NC | WPBA-30 GA (500) |
| 13 tr 1000 WUNE-17 NC (330) | 1500 WBRA-15 VA (250) |
| WHNS-21 NC (380) | 1530 WUNL-26 NC (250) |

Comments: Also seen during Hurricane Emily DX were tentative loggings of W18AA-in Sprockingham county with WLXI-61 NC, W19BC + Lynchburg, VA with Family network, W32BA in Lynchburg, VA with religious programs and W69CJ + in Fredricksburg, VA. I am not sure these stations are on the air but they were the logical answer for UNID LPTVs logged. WFCT-62 is now WFAY-62 in Fayetteville, NC. W36AT in Atlantic City, NJ is on with Trinity. (much stronger than WWAC-53) WFMZ-69 Allentown, PA was in strong, testing high power?

Fred McCormack PO Box 65666 St. Paul MN 55165-0666

(612) 735-6860

Deadline: 12-09-93 Cut-off: 09-01-93

November 1993

E skip was only reported on two dates in September, those being the 2nd and 3rd when Mike Cherry noted auroral E. Tropo was another story with a number of days of super tropo. September 16-17 saw a tropo path in excess of 1100 miles open from Texas to Wisconsin. Other hot tropo dates into Illinois were September 12, 17-20, 22, and 24-25.

New Mode___ ID Color Bars - @

Tent. - t Unidentified - unid S/On - + S/off - = Unid Color Bars - %

CTN Cornerstone ???

Misc. Test Patterns - & MTS Stereo - \$

Parallel Programming - //

ANC All News Channel CBN The Family Channel CHA Channel America CNN Cable News Network

ESP ESPN HSC Home Shopping Club HSS Home Shopping Spree TAB Three Angels Bostg

TBN Trinity Broadcasting TBS TBS SuperStation TNN The Nashville Network VJN Jukebox Network VVN ValueVision Network

BN Baja California Norte CH Chihuahua

CSP C-SPAN

NL Nuevo Leon TA Tamaulipas

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CDT

Equipment: See September 1993 Western TV-DX.

| Aug | jus1 | 1993 | | | | | 17 | tr | 0730 | KFXK | 51 | TX | 697 | 18 | tr | 0500 | WZDX | 54 | AL | 503 |
|-----|------|-------|------|------|------|------|----|----|------|------|----|----|-----|----|----|-------|--------|-----|----|------|
| 3 | Es | 2100 | WPBT | 2 | FL | 1229 | | | 0750 | KARD | 14 | LA | 651 | | | 0520 | WKPT | 19 | TN | 508 |
| | | 2210 | WESH | 2 | FL | 983 | | | 1045 | KXLN | 45 | TX | 919 | | | 0525 | WDEF | 12 | TN | 512 |
| 5 | Es | 1525 | ICRT | 2 0 | uba | | | | 1110 | KWKT | 44 | TX | 825 | | | 0630 | WTLK | 14 | GA | 562 |
| | | | ICRT | 5 C | uba | | | | 1230 | KTFO | 41 | OK | 519 | | | 0635 | WAFF | 48 | AL | 503 |
| | | | | | | | | | 2300 | WTTO | 21 | AL | 582 | 19 | tr | 2315 | WBMG | 42 | AL | 582 |
| Ser | ten | ber 1 | 993 | | | | | | 2310 | WBMG | 42 | AL | 582 | | | 2325 | WTTO | 21 | AL | 582 |
| 6 | tr | 1900 | WXMT | 30 | TN | 408 | | | 2320 | WZDX | 54 | AL | 503 | 20 | tr | 0001 | WABM | 68 | AL | 582 |
| 16 | tr | 2200 | KARD | 14 | LA | 651 | | | 2335 | WAFF | 48 | AL | 503 | | | 0015 | WAFF | 48 | AL | 503 |
| | | 2230 | KETK | 56 | TX | 747 | | | 2345 | WABM | 68 | AL | 582 | | | 0020 | WZDX | 54 | AL | 503 |
| | | 2240 | KFXK | 51 | TX | 697 | 18 | tr | 0025 | WXVT | 15 | MS | 570 | | | 0120 | WAAY | 31 | AL | 503 |
| | | 2300 | WMPN | 29 | MS | 651 | | | 0030 | WMAW | 14 | MS | 645 | | | 0220 | WHNT | 19 | AL | 503 |
| 17 | tr | 0025 | WNTZ | 48 | MS | 709 | | | 0040 | WMPN | 29 | MS | 651 | 24 | tr | 0500 | KSAX | 42 | MN | 404 |
| | | 0100 | KTBO | 14 | OK | 612 | | | 0050 | KARD | 14 | LA | 651 | | | 2315 | WOUC | 44 | OH | 409 |
| | | 0120 | KRIV | 26 | TX | 893 | | | 0100 | WNAL | 44 | AL | 551 | 25 | tr | 0420 | WYTV | 33 | OH | 450 |
| | | 0125 | KTMD | 48 | TX | 914 | | | 0200 | WOOV | 20 | AL | 666 | | | 0423 | CFMT# | 69 | ON | 419 |
| | | 0130 | KTXA | 21 | TX | 757 | | | 0230 | WFLI | 53 | TN | 512 | | | | (Londe | on) | | - |
| | | 0205 | WMAW | 14 | MS | 645 | | | 0240 | WVEU | 69 | GA | 610 | | | 0435 | WKBN | 27 | OH | 450 |
| | | 0225 | KHSH | 67 | TX | 913 | | | 0245 | WGNX | 46 | GA | 610 | | | 0455 | WEAO | 49 | OH | 404 |
| | | 0240 | unid | ch A | 48 (| CHA | | | 0305 | WHNT | 19 | AL | 503 | | | | WNEO | 45 | OH | 426 |
| | | 0245 | KTXH | 20 | TX | 893 | | | 0310 | WJSU | | AL | 585 | | | 0500 | WPXI | 11 | PA | 491 |
| | | 0255 | KHBS | 40 | AR | 513 | | | 0335 | WTBS | | | 610 | | | 0505 | WNPB | 24 | WV | 508 |
| | | 0300 | KHTV | 39 | TX | 893 | | | 0400 | WATL | 36 | GA | 610 | | | 0525 | WPGH | 53 | PA | 491 |
| | | 0310 | KMSS | 33 | LA | 681 | | | 0410 | WCFT | | AL | 593 | | | 0600 | WOIO | 19 | OH | 401 |
| | | 0330 | KLAX | 31 | LA | 681 | | | 0425 | WVTM | 13 | AL | 582 | | | | WAKC | 23 | | 404 |
| | | 0400 | KDFI | 27 | TX | 738 | | | 0435 | WMTU | 16 | TN | 419 | | | | W29AI | | OH | 404 |
| | | 0730 | KETK | 56 | TX | 747 | | | 0500 | WABM | | AL | 582 | | | (Akro | | | | CHA) |

Two good tropo openings after mid September netted 18 new stations. Reception centered on the Houston area the evening of September 16 and on the Atlanta and Birmingham areas the next evening, with the strongest signals ever from Atlanta. Over half of the 57 loggings of the first opening were 600 to 900+ miles distant. The opening on September 24 was 500 miles plus, very narrow and centered on Pennsylvania.

My UHF system was back in operation in early September. The 7' dish is screened with a dramatic increase in directivity and a modest increase in sensitivity. Cincinnati 64 at 307 miles emerged as a scatter signal in 100% of the time. Evansville 14 emerged from a scatter signal to watchable at 270 miles. Improvement in sensitivity was most pronounced at the high end. Houston 67, Birmingham 68, and Atlanta 69 were first in and last out. All three were new loggings! New Canadian, London 69, was logged the next opening.

Western TV-DX

November 1993

William Eckberg (continued) I used a different method of screening than anyone has used before. The antenna was modified in two hours, is neat, and is sturdier. I did not use hardware cloth. The Yaseu 400RC is the first rotor I've owned that stays in synchronization. Markings are in 5° increments. The increased directivity of a screened dish and the clean signal with no overload of the UA900 are directly responsible for my 18 new loggings. With my setup of three years ago, I could never have logged them. Two examples: Barely detectable Houston 26 at 900 miles was logged with Chicago 26 on the air 88 miles to the east. Atlanta 36 at 600 miles plus was logged pointed at 5 million Watt La Salle 35 at 30 miles, etc. Both were new.

A Channel America station almost due south was in for an hour on September 17 on channel 48. Any ideas? (WNTZ according to Jeff Kadet's report. fm)

Frank Aden Jr., 4096 Marcia Place, Boise ID 83704 N7SOK

MDT

Equipment: See September 1993 Western TV-DX.

4 ms 0121 @KENW 3 NM 970 17 Es 2000 KFDX 3 TX 1160 August 1993 4 ms 0108 @KENW 3 NM 970 16 ms 0237 KTVK 3 AZ 745 KXAS 5 TX 1290

The Perseids did not turn out as good as I hoped for IDs, lots of bursts but too many unid color bars or stations running over night type news. I saw repeatedly a standard type color bar on channel 3, but have no idea and not enough details to make an ID. Hope to have some photos for Photo-News.

I will continue to check for WTFDA'er hams on Saturday on 28.440, will also do so on Saturdays and even possibly later time periods if band is open.

73, Frank

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

PDT

Equipment: Kenwood RZ-1 receiver, channel 6 crystal trap. Hitachi 5" black & white monitor, Sony Beta Hi-Fi MTS VCR, Archer 15-578 variable signal attenuator. Antennas: Lindsay CC-30 22 element log-periodic @ 25' agl. Homebrew 6 element 6 meters (50 MHz) yagi (1.5 w.l.) @ 40' agl with Hy-Gain CD-II rotor. Belden 9913 co-ax on both. Dalco EID-35 TV preamplifier.

| Jul | y 1 | 1993 | | | | | 24 | Es | 1120 | 1210 | 00 1 | NUF | ch 3 | 11 | ms | 0951 | CFRN | 3 | AB | 544 |
|-----|--------------|-------|----------|------|------------|-------|-------|------|-------|--------|------|------------|------|----|------|-------|---------|-------|----------|------|
| 15 | Es | 1920 | XHBC | 3 | BN | 1197 | | | | (At w | ork |) | | | | | (30 : | secor | nds |) |
| | | 1947 | KRNV | 4 | NV | 665 | 26 | Es | 1959 | KAMR | 4 | TX | 1442 | | | 1314 | KIEM | 3 | CA | 562 |
| | | 2100 | \$KVBC | 3 | NV | 986 | | | 2000 | KACVt | 2 | TX | | 13 | ms | 0630 | CBKM | I 4 | SK | 792 |
| | | 2127 | KASA | 2 | NM | 1245 | | | 2017 | KENW | 3 | NM | 1467 | | | | (12 : | secor | nds |) |
| 16 | Es | 1932 | KNBC | 4 | CA | 1048 | | | 2058 | \$KTBY | 4 | AK | 1334 | 16 | au | 1500- | -2220 (| cci (| chs | 3-5 |
| | | 1938 | \$KEYT | 3 | CA | 1006 | | | 2100 | KTUU | 2 | AK | 1334 | 17 | Es | 1825 | KTVS | 3 | ∞ | 1150 |
| 18 | Es | 1057- | -1126 cd | ci c | chs | 3,4 | 27 | Es | 1829 | CKYB | 4 | MB | 1056 | | | 1829 | KCWC | 4 | WY | 833 |
| | | | (See r | note | es) | | | | 1830 | CKX | 5 | MB | 1056 | | | 1830 | KGWL | 5 | WY | 837 |
| | | 1225 | KSWK | 3 | KS | 1350 | | | 2230 | KCWC | 4 | WY | 833 | | | 1900 | KTVX | 4 | UT | 795 |
| | | 1459 | XHBC | 3 | BN | 1197 | 29 | Es | 1929 | KENW | 3 | NM | 1467 | | | 2027 | \$KREG | 3 | ∞ | 1028 |
| | | 1500 | KVVUt | 5 | NV | | | | 2100 | KWGN | 2 | ∞ | 1096 | | | 2030 | KIDK | 3 | ID | 637 |
| | | 1528 | KIDK | 3 | ID | 637 | | | | \$KONC | 4 | ∞ | 1097 | | | 2058 | KCBS | 2 | CA | 1048 |
| | | 1600 | KAID | 4 | ID | 499 | 30 | Es | 0025 | KTVQ | 2 | MT | 735 | | | 2059 | KNBC | 4 | CA | 1048 |
| | | 1633 | KVBC | 3 | NV | 986 | | | | (See | note | es) | | | | 2100 | KEYT | 3 | CA | 1006 |
| 19 | Es | 0845- | -1015 St |), V | ves | t KS, | AUS | us | t 199 | 3 | | | | | | 2132 | KCRA | 3 | CA | 739 |
| | | | (| 20 1 | 4UF | ch 4 | 6 | Es | 0901 | KEYT | 3 | CA | 1006 | | | | | | | |
| | | | (At wo | ork |) | | | | 0929 | KTVU | 2 | CA | 769 | Se | pte | mber | 1993 | | | |
| 21 | Es | 1830 | KSWK | 3 | KS | 1350 | | | 0930 | KRON | 4 | CA | 769 | 3 | aE | 2330 | CBWF | Т 3 | MB | 1167 |
| | | 1900 | \$KLBY | 4 | KS | 1277 | | | 0944 | KCRA | 3 | CA | 739 | 4 | aE | 0001 | CKX | 5 | MB | 1056 |
| | ms | 2131 | KEYT | 3 | CA | 1006 | 10 | ms | 0546 | KBCI | 2 | ID | 499 | | | 0026 | CKYB | 4 | MB | 1056 |
| | (23 seconds) | | | | | | (17 s | ecol | nds |) | | | | | 10.2 | | | | | |

'93 will go down locally as an above average E skip season with a high amount of long-haul and double hop. July 18 cci noted while working Pennsylvania and New York on 6 meters. KAID-4 is my shortest E skip distance. FM was open and I concentrated on that band. "At work" loggings by local VHFer Rudy Stam, VE7FEI.

July 30 had a rare early morning opening to Montana lasting for about 1-1/2 hours. No other stations were in.

One should, perhaps, not always assume loggings. After seeing Tom Bryant's explanation of the KOUS-4 status, I realized my error in reporting this reception May 31

Western TV-DX

Mike Cherry (continued) at 0946. The only other possibility would have to be KXLF-4 because I saw an ad referring to Montana Chevy dealers. I phoned KXLF and verified that ad on their log sheets.

I'm able to log stuff over semi-local KING-5 when pointed away from Seattle. There has been quite a bit of tropo here on FM, 2 meters and even lo-band TV and 6 meters. Regulars from Spokane, Washington (KREM-2 and KXLY-4), Lewiston ID (KLEW-3) and north central Oregon (KATU and KOAB) have been seen.

I hope everyone had a DX-ful summer! 73s, Mike, VE7SKA

Fernando Garcia, Apartado 30, Suc. B, Cd. Guadalupe, N.L., 67181, Mexico (8) 360-5874 HCM

Equipment:

Sony 27EXR15, 8 bow tie UHF array at 35', RG-6, UA-900 amp and rotor. Sony KV-13TR27, Archer V-185 at 30', RG-59, rotor. Archer V-110 vertical at 3'.

| July 1993 | 14 tr | 0040 K17BP | 17 TX | 502 | 24 tr | 0145 | KLSB | 19 TX | 516 |
|---------------------------|--|---|---------|------|-------|-------------------|--------------|---------|--------|
| | LA 693 | (Palestine | | TBN) | | 0402 | WDBD | 40 MS | 749 |
| 2012 LPB 18,2 | | | X UHFs | 591 | | 0412 | KHSX | 49 TX | 519 |
| | LA 586 | 0050 \$KETK | 56 TX | 534 | | | eKLTV | 7 TX | 562 |
| | LA 528 | 0100 \$KMSS | 33 LA | 615 | | | +WAPT | 16 MS | 749 |
| | | | 49 TX | 519 | | | @WMAH | 19 MS | 771 |
| | LA 634 | | | | | | | | 634 |
| | MS 696 | 0555 KLDT | 55 TX | 544 | | | \$WVLA | 33 LA | |
| | LA 637 | 0600 KLTV | 7 TX | 562 | | 0501 | WPMI | 15 AL | 836 |
| | LA 547 15 tr | | X UHFs | 591 | | | \$WHLT | 22 MS | 771 |
| | LA 618 18 tr | | 24 LA | 615 | | 0525 | WGBC | 30 MS | 830 |
| | LA 693 | 0605 \$KMSS | 33 LA | 615 | | | eKPLC | 7 LA | 547 |
| 3 tr 0110 DFW TX U | | 0606 KLAX | 31 LA | 618 | | 0555 | KLTL | 18 LA | 547 |
| 0550 WVLA 33 | LA 634 | 0625 KFXK | 51 TX | 556 | | 0620 | KLDT | 55 TX | 544 |
| 0615 WXVTt 15 | | 0650 \$KLRT | 16 AR | 783 | | 0630 | WXVT | 15 MS | 796 |
| 0618 KADN 15 | LA 586 | 0830 KLTV | 7 TX | 562 | | | \$KARD | 14 LA | 653 |
| 0625 LPB 18,2 | 4,25,27 19 tr | 0555 @KFWD | 52 TX | 522 | | 0829 | unid | ch 15 N | /BC |
| 0630 MS Educ | 17,19,23 | 0700 KLDT | 55 TX | 544 | | 0835 | \$WBMG | 42 AL | 963 |
| 0635 KLAX 31 | LA 618 20 tr | 2155 \$KVHP | 29 LA | 528 | | 0836 | \$WTTO | 21 AL | 970 |
| 0650 WDBD 40 | MS 749 21 Es | 2110 unid | chs 2-4 | | | 0840 | WMCF | 45 AL | 966 |
| 0658 KFXK 51 | TX 556 22 tr | 0615 KFWD | 52 TX | 522 | | 0900 | KADN | 15 LA | 586 |
| 0700 KMSS 33 | LA 615 | 2150 \$KVHP | 29 LA | 528 | | 0950 | KUVN | 23 TX | 544 |
| | MS 749 | 2200 KADN | 15 LA | 586 | | 1100 | KETK | 56 TX | 534 |
| | LA 653 | | rleans | 693 | | 1200 | \$KMSS | 33 LA | 615 |
| | MS 671 | 26,32 | .38 | | | 1201 | KLTS | 24 LA | 615 |
| | LA 615 | 2255 \$WVLA | 33 LA | 634 | | 1300 | WLMT | 30 TN | 901 |
| | WNTZ-48) | 2305 KLAX | 31 LA | 618 | Es | 1850 | unid | channe1 | 1 2 |
| | | 0355 \$KPLC | 7 LA | 547 | | 2030 | KADN | 15 LA | 586 |
| | GA 1224 | 0358 WDBD | 40 MS | 749 | | 2035 | KLTL | 18 LA | 547 |
| | NC 1311 | 0359 WAPT | 16 MS | 749 | | 2100 | WMAO | 23 MS | 788 |
| | SC 1330 | 0415 @WJTV | 12 MS | 746 | | 2115 | KARDI | | 0.00 |
| (New Es | | 0432 KMSS | 33 LA | 615 | | | SWNOL | 38 LA | 693 |
| | 3 NE 1109 | 0600 KLPB | 24 LA | 566 | | 2142 | WLAE | 32 LA | 693 |
| | 5 MO | 0601 KLPA | 25 LA | 615 | | 2145 | WGNO | 26 LA | 693 |
| | KS 889 | 0603 WXVT | 15 MS | 796 | | 2146 | | 8 56 LA | 633 |
| | KS 942 | 0610 KMCTt | | 130 | | | on Roug | | TBN) |
| 4 Es 0830 unid cha | A STATE OF THE PARTY OF THE PAR | 0620 KLRT | 16 AR | 783 | | 2147 | | 46 LA | 640 |
| | NE 1007 | 0710 KLTS | 24 LA | 615 | | 77 | on Roug | | VJN) |
| | LA 547 | 0730 KLTV | 7 TX | 562 | | 2148 | WVLA | 33 LA | 634 |
| | | 2000 KQTV | | 1025 | | 2150 | KLAX | 31 LA | 618 |
| | | 2055 KLAX | 31 LA | 618 | | | \$KVHP | 29 LA | 528 |
| | | | | 395 | | 2159 | KLRT | 16 AR | 783 |
| | SALUTINA PROPERTY. | Total Control of the | | | | 2200 | WHLT | 22 MS | 771 |
| 7.0.00 M. 10.000 M. 10.00 | 5 LA 586 | (Houston | | H49) | | | | 30 TN | 901 |
| |) MS 830 | 2158 WMAU | 17 MS | 696 | | 2220 | WLMT | 24 TN | 904 |
| | 3 MS 867 | 2200 KADN | 15 LA | 586 | | 2230 | WPTY | | |
| | FL 1181 | 2205 \$KVHP | 29 LA | 528 | | 2235 | WGBC | 30 MS | 830 |
| | FL <u>1125</u> | 2225 KLTL | 18 LA | 547 | | 2250 | WAPT | 16 MS | 749 |
| | 3 FL 839 | 2330 KLPA | 25 LA | 615 | | 2259 | KMSS | 33 LA | 615 |
| 6 Es 1915 unids ch | | 0030 =KFXK | 51 TX | 556 | | 2305 | WMTU | 16 TN | 960 |
| | 3 NC 1311 | 0035 \$WNOL | 38 LA | 693 | | | (WLMT | | 100000 |
| 8 Es 2000 unid cha | | 0040 WGNO | 26 LA | 693 | | 2315 | KETK | 56 TX | 534 |
| 10 Es 1110 unids ch | | 0056 \$WXXV | 25 MS | 761 | | 2316 | KDTX | 58 TX | 519 |
| | 3 LA 615 | | X UHFs | 591 | 25 tr | T10111 T1011 T101 | \$KDEB | 27 MO | 904 |
| 13 tr 0605 KFWD 52 | 2 TX 522 | 0120 \$KMSS | 33 LA | 615 | | 0215 | WVUE | 8 LA | 693 |
| | | 0130 =WAPT | 16 MS | 749 | | 0225 | WDBD | 40 MS | 749 |
| A | | | | | | | | | |

| Ferna | ernando Garcia (continued) | | | | | 25 | tr | | | | | | 3 | tr | 0700 | KMSS | 33 LA | 615 |
|-------|----------------------------|---|------|-----|------------|------|------|-------|-------------------------------|--------|-------|------|-------|-----------|------|---|---------|-------|
| | | | | | | | | 2100 | WVUE | 8 | LA | 693 | | Es | 1855 | unids | chs 2- | -4 |
| 25 tr | 0514 | @KPOM | 24 | AR | 783 | | | 2135 | | | | | | tr | 2130 | \$KVHP | 29 LA | 528 |
| | 0520 | VTLW | 12 | MS | 746 | | | 2138 | KLAX | 31 | LA | 618 | | | 2140 | KADN | 15 LA | 586 |
| | 0535 | WMAU | 17 | MS | 696 | | | 2152 | KLAX K62D | # 62 | LA | 591 | | | 2215 | WMAU | 17 MS | 696 |
| | 0545 | KMSS | 33 | LA | 615 | | | (Laf | ayette | | L | PTV) | 4 | tr | 0545 | KFXK | 51 TX | 556 |
| | 0550 | @WYES | 12 | LA | 693 | | | 2204 | KFXK | 51 | TX | 556 | | | 0602 | KDTX | 58 TX | 519 |
| | 0553 | KLPA | 25 | LA | 615 | | | 2215 | WAPT | 16 | MS | 749 | | | 0630 | KLTS | 24 LA | 615 |
| | 0600 | KPLC | 7 | LA | 547 | | | 2330 | W19A | W 19 | LA | 640 | | | 2130 | \$KVHP | 29 LA | 528 |
| | 0608 | | rles | ns | 547 693 | | | (Bat | on Roug | DA. | 1 | PTV) | | | 2135 | \$KVHP KLPB \$kMSS KDTX K32DA Grange \$KETK KMSS \$KVHP KADN WVLA KADN KVHP | 24 LA | |
| | | 26,03 | | | | | | 2332 | \$KLSB | 19 | TX | 516 | 5 | tr | 0550 | \$KMSS | 33 LA | |
| | | | | | | | tr | 0250 | K39B | 1 39 | LA | 622 | | | 0600 | KDTX | 58 TX | |
| | (New | Orlean | | | TBN) | | | (Mor | nan Ci | tv | - 1 | PTV) | | | 0635 | KSSDA | 32 TX | |
| | | | 22 | | 771 | | | 0307 | KORAI | (28 . | TY | 423 | | | (10) | Grange | KYAI | (-36) |
| | | SWVLA | 33 | | 624 | | | (001 | logo S | tn K | WICT | -44) | 6 | 4 0 | 0800 | #VETV | 56 TX | 534 |
| | 0628 | | 15 | | E08 | | | (001 | lege St (Sec K21D | Alot | MIC I | + 5 | O | | 0600 | AVELL | 33 LA | 615 |
| | 0635 | | | | 501 | | | 0200 | (Set | A OF | E R | E01 | | | 2025 | PLANTIN | 29 LA | 528 |
| | | | 18 | | 591 | | | 0305 | KADN | 1 4 5 | | 591 | | | 2025 | DIVALIE. | 15 LA | |
| | Ucou | | | | 591 | | | 0315 | KADN | 15 | LA | 580 | | | 2140 | KADN | 15 LA | |
| | 0700 | (See | | | 700 | | | 0335 | KADN \$KHSX K33CI | 49 | IX | 519 | - | | 2250 | WVLA | 33 LA | 634 |
| | 0730 | | 15 | | 796 | | | 0337 | K33CI | 33 | IX | 296 | 1 | tr | 2220 | KADN KVHP DFW T | 15 LA | 586 |
| | 0756 | | 38 | | 774 | | | (San | Anton | 10 | _ | IBN) | (241) | 102417-01 | 2230 | KVHP | 29 LA | 528 |
| | 0830 | | 15 | | 960 | | | | Anton unid unid KMSS | ch 5 | 2 1 | NSP | 8 | tr | 0605 | DFW T | V OIL 9 | |
| | 0840 | | 19 | | 901 | | | 0345 | unid | ch 2 | 7 T | BN | 10 | tr | 0550 | DFW T | X UHFs | 591 |
| | | (See | | | 2) | | | 0411 | KMSS | 33 | LA | 615 | | 100 | OOOL | | chs 2- | |
| | | | 16 | | 783 | | | 0532 | DFW | TX UH | Fs | 591 | 11 | tr | 0600 | | 33 LA | |
| | 0915 | | | | 1078 | | | 0610 | \$WVLA WMAU | 33 | LA | 634 | | | 0610 | | 58 TX | 519 |
| | | (See | Not | e # | 3) | | | 0614 | WMAU | 17 | MS | 696 | 14 | tr | 0645 | KFWD | 52 TX | 522 |
| | 1000 | \$KARD | 14 | LA | 653 | | | 0650 | KCTF | 34 | TX | 445 | 15 | tr | 0705 | KDTX | 58 TX | 519 |
| | 1010 | KBSI | 23 | MO | 1025 | | | | (See | e Not | e # | 6) | 18 | Es | 2002 | unid | channe' | 2 |
| | 1015 | WLMT | 30 | TN | 901 | | | 0655 | (Sec K47F | 47 | TX | 423 | | tr | 2050 | KADN | 15 LA | 586 |
| | 1020 | \$KPOM | 24 | AR | 783 | | | | lege S | | | | | | 2125 | WVLAt | 33 LA | |
| | 1035 | WKMUt | 21 | KY | | 27 | tr | 0540 | eKFWD | 52 | TX | 522 | | | 2210 | KVHP | 29 LA | 528 |
| | 1100 | KHOG | 29 | AR | 802 | | | | KADN | | | | | | 2225 | | 31 LA | 618 |
| | 1101 | WTCT | | | 1050 | - | | | 0.500 | | | | 19 | tr | 0605 | KDTX | 58 TX | 519 |
| | | | | | 4) | ALIG | 3116 | 199 | 3 | | | | | | 0650 | KLPB | 24 LA | 566 |
| | 1120 | | | | | | | | \$KDTX | 58 | TX | 519 | | | 0652 | KLAX | 31 LA | |
| Fs | 1150 | | ch 2 | NP | C | 3. | Fe | 2015 | unid | chan | nel | 2 | | | 0705 | KVHP | 29 LA | 528 |
| | 1830 | KADN | 15 | LA | 506 | 2 | += | 0545 | unid KMSS | 33 | I A | 615 | | | 2200 | KVHP | 29 LA | 528 |
| 6.1 | | \$WVLA | 33 | | 634 | - | 61 | 0545 | KDTX | 58 | | | 20 | * | 0600 | | X UHFs | 591 |
| | | \$KVHP | 29 | | E20 | | | 0330 | KESON | 30 | 10 | 254 | 20 | 4 | 0610 | | 52 TX | |
| | 1910 | | 44 | | 621 | | | (4110 | K63DF tin K30DX | 03 | 1 | TOU | 20 | ri | 0657 | | 20 TX | |
| | 1910 | K21DM | | | 601 | | | CAUS | KAOON | 200 | TV | 107 | | | | | | |
| | 2020 | | | LA | 240 | | | 10720 | NJUL | 30 | IA | 497 | 0.7 | | (San | Antoni | ١ ١ | _PTV) |
| | 10000000 | 000000000000000000000000000000000000000 | 40 | CM | 749 | - | | (Cor | sicana DFW | IF- | | PIV) | 21 | ES | 1925 | unids | cns 2- | 4 55 |
| | 2030 | UAMW | 17 | MS | 696 | 3 | tr | 0545 | DFW | X UH | rs | 591 | | | | (Cent | rl Amer | rica) |
| | | 22 1 | | ** | 1 2000 | | | | | | | | - | | | | | |

Note # 1 - Full ID. translators on chs 28, 53, 54, 60, 61.

Note # 2 - AETN, SAP with information on events in Arkansas, stayed solid 0840-1130. Note # 3 - Weak, full ID (Nashville, Convention city on Convention date), stayed only 3 minutes.

Note # 4 - New tropo state, TBN, (618) 997-1851, solid until 1145 when tropo died out, over semilocal KLDO. I saw the weather maps, there was a high pressure area in the Gulf, cold front in Arkansas and maybe the Flood of 93 also helped out.

Note # 5 - College Station KWKT-44, seen with KXLN-45 ID-Bars QRM, sure they were picking up it's signal over the air.

Note # 6 - Monday morning, no time to DX, but I counted up to 50 different UHF stations 0615-0645. My wife told be that tropo stayed strong until 1100.

I won't report any tropo DX under 500 miles except for first time stations. This time, I'm including my phone number. Feel free to call or write for help on Mexican or south Texas unids. I'm away for work Monday thru Friday 0720-1845 approximately.

I installed the UA-900 UHF amplifier on July 10. At the same time, I had to lower the UHF antenna by 10 feet. I had to move the antenna mast because I'm building up a special room on third floor as DX shack. The UA-900 is working find - lots of LPTVs. Thanks a lot to Jeff Kruszka and John F. Combs for great help with my unids.

REPORTING TIP - When reporting LPTV/translators, ALWAYS list their location and their programming. Call letters alone can be confusing and the programming does change.

CDT

November 1993

Equipment:

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

| August 1993 | Augus | st 1993 | | | | 12 | tr | 1919 | W31BA | t 31 WI | | 17 | tr | 0619 | KETK | 56 TX | 955 |
|--|-------|---|---|-----------|-------|-------|-----|-------|---------|---------|---------|----|-----|-------|---------|---------|----------|
| September 1993 | 31 tr | 2112 | WLKY | 32(IN) | 430 | 25 | | (Mino | ocaua | TBN/ | TAB) | | | | (See | Note # | 10) |
| September 1993 | 01 11 | | WORR | 41(IN) | 430 | | | | W57AR | 57 WI | 145 | | | 0624 | WNTZ | | |
| 1 tr 0547 WKBN 27 OH 420 WYTV 33 OH 420 WFEE 14 IL 355 WFEE 14 IL 350 WFEE 14 IL 355 WFEE 14 IL | | | THEN ILD | A1 (211) | 100 | | | (Savr | ner | WSAW | - 7) | | | | KMCTt | | 20.00.31 |
| 1 tr 0547 WKBN 27 OH 420 WFIE 14(KY) 455 (HSC) WYTV 33 OH 420 WSEC 14 IL 355 0643 KWLBt 45 LA WFM/I 21 OH 1925 KARD 14 LA 890 (See Note #11) WYTV 33 OH 420 1937 WMPN 29 MS 860 0700 KSPR 33 MO 575 WKBN 27 OH 420 WAPT 16 MS 0705 WXTT 15 MS 765 WSBAM 58 OH 420 WDBD 40 MS 855 23 tr 1819 Cincy 19,48,64 (Youngstown WNEO-45) 1949 KMCT 39 LA (WNEO/WEAO ID) KMSS 33 LA 885 WFAO 49 OH 375 KLTST 24 LA 24 tr 0620 WSI 16 IL 390 2005 WDLI 17 OH 400 2004 KHOGt 29 AR WEAO 49 OH 375 (Snow Free) 2014 KNLCt 24 MO 0702 W54AP 54 IL 200 2006 CHMI 16 ON 265 (See Note # 1) 2013 W29AI 29 OH 385 2023 KFXK 51 TX 930 (MKrOn 127 WPBO 42 OH 455 (See Note # 2) KFAAT 51 AR WXIX 19(OH) 400 WSNX 55 OH 370 2027 KITUT 34 TX 1730 WMRT 53 OH 405 WSAL 67 OH 375 2107 KSMOt 62 MO WSI 34 OH 375 2035 WOUC 44 OH 435 2104 KOCSET 34 OK WOSU 34 OH 375 2107 KSMOt 62 MO WSI 36 OH 415 WSCS 34 OH 375 2107 KSMOt 62 MO WSI 34 OH 375 2038 WOEXT 16 PA 17 tr 0230 KARD 14 LA 890 WSSC 14 IL 355 0643 KWLBt 45 LA WSC 14 IL 355 0643 KWLBt 45 LA KLAX 31 LA 930 (See Note #1) 1925 KARD 14 LA 890 2221 WNEO 45 OH 415 WSC 15 MAPT 16 BA OH WSC 15 OH 420 1937 WAPT 29 MS 860 0700 KSPR 33 MO 575 (See Note # 2) WSC 14 IL 355 0643 KWLBt 45 LA KLAX 31 LA 930 (See Note #1) 1929 MSC 15 MS 860 0700 KSPR 33 MO 575 (See Note #1) 1949 KWCT 33 OH 08 S55 23 tr 1819 Cincy 19,48,64 WKON 52 KY 430 Dayton 16,22,45 WKON 52 KY 430 Dayton 16,22,45 WSC 16 MS 855 23 tr 1819 Cincy 19,48,64 WKON 52 KY 430 Dayton 16,22,45 WKON 52 KY 430 Dayton 16,22,45 WSC 16 MS 855 23 tr 1819 Cincy 19,48,64 WKON 52 KY 430 Dayton 16,22,45 WKON 52 KY 430 Dayton 16,22,45 WSC 16 MS 855 23 tr 1819 Cincy 19,48,64 WKON 52 KY 430 Dayton 16,22,45 WKON 52 KY 430 Dayton 16,22 See Note #1 1) WSC 16 MS 860 O705 WSC | Conte | whor 1 | 002 | | | 16 | ++ | 1909 | WIST | 16 TI | 390 | | | 0631 | KHSH | | 1115 |
| WYTV 33 OH 420 | | | | 27 OH | 420 | 10 | 6.3 | 1303 | WETE | | 455 | | | 0001 | | 91 10 | 1110 |
| ##WHY 21 OH 420 1932 WXVT 15 MS 765 (See Note #11) ##YTV 33 OH 420 1937 WMPN 29 MS 860 0700 KSPR 33 MO 575 0705 WXVT 15 MS 765 WKBN 27 OH 420 ##WFM 29 MS 860 0700 KSPR 33 MO 575 0705 WXVT 15 MS 765 WBBM 58 OH 420 ##WBM 585 OT 0705 WXVT 15 MS 765 WBM 58 OH 420 ##WBM 58 OH 450 ##WBM 58 OH 375 ##WBM 58 | 1 61 | 0347 | | 22 011 | 420 | | | | MSEC | | 355 | | | 0843 | KWI R+ | 45 I A | |
| 1957 WFMJ 21 OH 420 1932 WXVT 15 MS 765 (See Note #11) WYTV 33 OH 420 1937 WMPN 29 MS 860 0700 KSPR 33 MO 575 WKBN 27 OH 420 WAPT 16 MS 0705 WXVT 15 MS 765 WSBM 58 OH 420 WDBD 40 MS 355 23 tr 1819 Cincy 19,48,64 (Youngstown WNEO-45) 1949 KNCTt 39 LA WKON 52 KY 430 (WNEO/WEAO ID) KMSS 33 LA 885 (Snow free) WEAO 49 OH 375 KLTSt 24 LA 24 tr 0620 WUSI 16 11 J 30 WO 1204 KNGCt 29 AR WFILE 14(KY) 455 (Snow Free) 2014 KNLCt 24 MO 0702 W54AP 54 IL 200 2006 CHWI 16 ON 265 (See Note # 1) WHSL 46(MO) 445 (See Note # 2) WBSM 55 OH 375 (See Note # 2) WFILE 14(KY) 455 (Snow Free) 2013 W29AI 29 OH 385 2023 KFXK 51 TX 930 (Akron LPTV) (See Note # 2) WFILE 14(KY) 455 (Snow Free) 2013 W29AI 29 OH 385 2027 KITUT 34 TX 1730 WNAT 53 OH 405 W67AL 67 OH 375 (Last seen 1989) WGSU 34 OH 375 2107 KSMOt 62 MO WGS | | | | | 420 | | | 1005 | | | 000 | | | | KI AV | | 930 |
| WSBAM 58 OH 420 WDBD 40 MS 355 23 tr 1819 Cincy 19,48,64 | | 1057 | | | 400 | | | | | | 765 | | | | / Coo | | _ |
| WSBAM 58 OH 420 WDBD 40 MS 355 23 tr 1819 Cincy 19,48,64 | | 1957 | 1000 | | | | | | | | 260 | | | 0700 | (See | | |
| WSBAM 58 OH 420 WDBD 40 MS 355 23 tr 1819 Cincy 19,48,64 | | | | | | | | 1937 | | | 860 | | | 0700 | HONGE | | |
| (Youngstown WNEO-45) 1949 KMCTt 39 LA WKON 52 KY 430 (WNEO/WEAO ID) KMSS 33 LA 885 Dayton 16,22,45 WPGHt 53 PA 2000 KSPR 33 MO 575 CSnow free) WEAO 49 OH 375 KLTSt 24 LA 24 tr 0620 WUSI 16 IL 390 2005 WDLI 17 OH 400 2004 KHOGT 29 AR WFIE 14(KY) 455 (Snow Free) 2014 KNLCt 24 MO 7002 W54AP 54 IL 200 2006 CHWI 16 ON 265 KDNLt 30 MO 7002 W54AP 54 IL 200 (See Note # 1) WHSL 46(MO) 445 (Snow free) 2013 W29AI 29 OH 385 2023 KFXK 51 TX 930 WDRB 41(IN) 430 (Akron LPTV) (See Note # 4) WCET 48 OH 400 WCET 48 OH 400 (See Note # 2) KFAKT 51 AR WXIX 19(OH) 400 WBRX 55 OH 370 2027 KITUT 34 TX 1730 WWAT 53 OH 405 WBRX 55 OH 375 ("40/29" ID) 1809 WKON 52 KY 430 (Eastlake WVIZ-25) (Last seen 1989) WOSU 34 OH 375 2035 WOUC 44 OH 435 2107 KSMOt 62 MO (Muncie TBN) WOSU 34 OH 375 | | | | | | | | | | | OFF | 00 | 210 | 0705 | WAVI | | |
| 2006 CHWI 16 ON 265 (See Note # 1) WHSL 46(MO) 445 (Snow free) 2013 W29AI 29 OH 385 2023 KFXK 51 TX 930 WDRB 41(IN) 430 (Akron LPTV) (See Note # 4) WCET 48 OH 400 (See Note # 2) KFAAT 51 AR WXIX 19(OH) 400 WGNX 55 OH 370 2027 KITUT 34 TX 1730 WWAT 53 OH 405 WGAC 67 OH 395 2057 KHBS 40(OK) 750 1743 WSTR 64 OH 400 WG7AL 67 OH 375 ("40/29" ID) 1809 WKON 52 KY 430 (Eastlake WVIZ-25) (Last seen 1989) WGN 52 KY 430 WGSU 34 OH 375 2107 KSMOT 62 MO (Muncie TBN) WAKC 23 OH 380 2128 KXLNT 45 TX WLKY 32(IN) 430 2038 WGEXT 16 PA 17 tr 0230 KARD 14 LA 890 2221 WNEO 45 OH 415 2058 WMFDT 68 OH WGSD 50 CS AS OF 18 12 2225 WSFJ 51 OH 405 WKSDS 50 CS AS OF 18 14 2225 WSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WKSDS 54 KY 405 | | 9202510 | | | | | | | | | | | | | | | |
| 2006 CHWI 16 ON 265 (See Note # 1) WHSL 46(MO) 445 (Snow free) 2013 W29AI 29 OH 385 2023 KFXK 51 TX 930 WDRB 41(IN) 430 (Akron LPTV) (See Note # 4) WCET 48 OH 400 (See Note # 2) KFAK 51 AR WXIX 19(OH) 400 WBNX 55 OH 370 2027 KTTUT 34 TX 1730 WWAT 53 OH 405 WGAC 67 OH 395 2057 KHBS 40(OK) 750 1743 WSTR 64 OH 400 W67AL 67 OH 375 ("40/29" ID) 1809 WKON 52 KY 430 (Eastlake WVIZ-25) (Last seen 1989) WOSU 34 OH 375 2035 WOUC 44 OH 435 2104 KOCBt 34 OK 1812 W32ACt 32 IN WOSU 34 OH 375 2107 KSMOt 62 MO (Muncie TBN) WAKC 23 OH 380 2128 KXLNt 45 TX WLKY 32(IN) 430 2038 WGEXt 16 PA 17 tr 0230 KARD 14 LA 890 2221 WNEO 45 OH 415 2058 WMFDT 68 OH WSDS 50 OH 355 (See Note # 4) WCCP 44 405 45 OH 415 WSDS 50 OH 355 (See Note # 4) WCCP 75 WCVN 75 KY 405 | | (Youn | | |)-45) | | | 1949 | KMCIT | 39 LA | | | | | WKON | 52 KT | |
| 2006 CHWI 16 ON 265 (See Note # 1) WHSL 46(MO) 445 (Snow free) 2013 W29AI 29 OH 385 2023 KFXK 51 TX 930 WDRB 41(IN) 430 (Akron LPTV) (See Note # 4) WCET 48 OH 400 (See Note # 2) KFAAT 51 AR WXIX 19(OH) 400 WGNX 55 OH 370 2027 KITUT 34 TX 1730 WWAT 53 OH 405 WGAC 67 OH 395 2057 KHBS 40(OK) 750 1743 WSTR 64 OH 400 WG7AL 67 OH 375 ("40/29" ID) 1809 WKON 52 KY 430 (Eastlake WVIZ-25) (Last seen 1989) WGN 52 KY 430 WGSU 34 OH 375 2107 KSMOT 62 MO (Muncie TBN) WAKC 23 OH 380 2128 KXLNT 45 TX WLKY 32(IN) 430 2038 WGEXT 16 PA 17 tr 0230 KARD 14 LA 890 2221 WNEO 45 OH 415 2058 WMFDT 68 OH WGSD 50 CS AS OF 18 12 2225 WSFJ 51 OH 405 WKSDS 50 CS AS OF 18 14 2225 WSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WKSDS 54 KY 405 | | | | | ID) | | | | KMSS | 33 LA | 885 | | | | Daytor | 1 16,22 | ,45 |
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| 2006 CHWI 16 ON 265 (See Note # 1) WHSL 46(MO) 445 (Snow free) 2013 W29AI 29 OH 385 2023 KFXK 51 TX 930 WDRB 41(IN) 430 (Akron LPTV) (See Note # 4) WCET 48 OH 400 (See Note # 2) KFAAT 51 AR WXIX 19(OH) 400 WGNX 55 OH 370 2027 KITUT 34 TX 1730 WWAT 53 OH 405 WGAC 67 OH 395 2057 KHBS 40(OK) 750 1743 WSTR 64 OH 400 WG7AL 67 OH 375 ("40/29" ID) 1809 WKON 52 KY 430 (Eastlake WVIZ-25) (Last seen 1989) WGN 52 KY 430 WGSU 34 OH 375 2107 KSMOT 62 MO (Muncie TBN) WAKC 23 OH 380 2128 KXLNT 45 TX WLKY 32(IN) 430 2038 WGEXT 16 PA 17 tr 0230 KARD 14 LA 890 2221 WNEO 45 OH 415 2058 WMFDT 68 OH WGSD 50 CS AS OF 18 12 2225 WSFJ 51 OH 405 WKSDS 50 CS AS OF 18 14 2225 WSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WGSFJ 51 OH 405 WKSDS 50 CS AS OF 18 15 WKSDS 54 KY 405 | | | | | 415 | | | | KOZKt | 21 MO | | | | 1832 | Louis | /1110 3 | |
| 2006 CHWI 16 ON 265 (See Note # 1) WHSL 46(MO) 445 (Snow free) 2013 W29AI 29 OH 385 2023 KFXK 51 TX 930 WDRB 41(IN) 430 (Akron LPTV) (See Note # 4) WCET 48 OH 400 (See Note # 2) KFAK 51 AR WXIX 19(OH) 400 WBNX 55 OH 370 2027 KTTUT 34 TX 1730 WWAT 53 OH 405 WGAC 67 OH 395 2057 KHBS 40(OK) 750 1743 WSTR 64 OH 400 W67AL 67 OH 375 ("40/29" ID) 1809 WKON 52 KY 430 (Eastlake WVIZ-25) (Last seen 1989) WOSU 34 OH 375 2035 WOUC 44 OH 435 2104 KOCBt 34 OK 1812 W32ACt 32 IN WOSU 34 OH 375 2107 KSMOt 62 MO (Muncie TBN) WAKC 23 OH 380 2128 KXLNt 45 TX WLKY 32(IN) 430 2038 WGEXt 16 PA 17 tr 0230 KARD 14 LA 890 2221 WNEO 45 OH 415 2058 WMFDT 68 OH WSDS 50 OH 355 (See Note # 4) WCCP 44 405 45 OH 415 WSDS 50 OH 355 (See Note # 4) WCCP 75 WCVN 75 KY 405 | | | WEAO | 49 OH | 375 | | | | KLTSt | 24 LA | | 24 | tr | 0620 | WUSI | 16 IL | |
| 2006 CHWI 16 ON 265 (See Note # 1) WHSL 46(MO) 445 (Snow free) 2013 W29AI 29 OH 385 2023 KFXK 51 TX 930 WDRB 41(IN) 430 (Akron LPTV) (See Note # 4) WCET 48 OH 400 (See Note # 2) KFAK 51 AR WXIX 19(OH) 400 WBNX 55 OH 370 2027 KTTUT 34 TX 1730 WWAT 53 OH 405 WGAC 67 OH 395 2057 KHBS 40(OK) 750 1743 WSTR 64 OH 400 W67AL 67 OH 375 ("40/29" ID) 1809 WKON 52 KY 430 (Eastlake WVIZ-25) (Last seen 1989) WOSU 34 OH 375 2035 WOUC 44 OH 435 2104 KOCBt 34 OK 1812 W32ACt 32 IN WOSU 34 OH 375 2107 KSMOt 62 MO (Muncie TBN) WAKC 23 OH 380 2128 KXLNt 45 TX WLKY 32(IN) 430 2038 WGEXt 16 PA 17 tr 0230 KARD 14 LA 890 2221 WNEO 45 OH 415 2058 WMFDT 68 OH WSDS 50 OH 355 (See Note # 4) WCCP 44 405 45 OH 415 WSDS 50 OH 355 (See Note # 4) WCCP 75 WCVN 75 KY 405 | | 2005 | WDLI | 17 OH | 400 | | | 2004 | KHOGt | 29 AR | | | | | WFIE | 14(KY) | |
| 2006 CHMI 16 ON 265 | | | (Snow | Free) | | | | 2014 | KNLCt | 24 MO | | | | 0702 | W54AP | 54 IL | |
| (See Note # 1) 2013 W29AI 29 OH 385 (Akron LPTV) (See Note # 4) (See Note # 2) WBNX 55 OH 370 W67AL 67 OH 395 2027 K17Ut 34 TX W67AL 67 OH 375 (Eastlake WVIZ-25) 2035 WOUC 44 OH 435 2036 WGEX 64 B A W6SU 34 OH 375 W6SU 34 OH 375 2038 WGEX 64 B A W6SU 34 OH 375 W6SU 34 OH 375 2038 WGEX 64 B A W6SU 34 OH 375 W6SU 34 OH 34 W6SU 34 OH 375 W6SU 34 OH 34 W6SU | | 2006 | CHWI | 16 ON | 265 | | | | KDNL t | 30 MO | | | | 1727 | WPBO | 42 OH | 455 |
| 2013 W29AI 29 OH 385 (See Note # 4) (WCET 48 OH 400 WXIX 19(OH) 400 W67AL 67 OH 395 2057 KHBS 40(OK) 750 1743 WSTR 64 OH 400 W67AL 67 OH 375 ("40/29" ID) 1809 WKON 52 KY 430 (Eastlake WVIZ-25) (Last seen 1989) 1809 WKON 52 KY 430 (See Note # 4) (MoSu 34 OH 375 2107 KSMOt 62 MO WSIX 19(OH) 400 | | | (See | Note # | 11) | | | | WHSL | 46(MO) | 445 | | | | (Snow | free) | |
| (Akron (See Note # 2) | | 2013 | W29AI | 29 OH | 385 | | | 2023 | KFXK | 51 TX | 930 | | | | WDRB | 41(IN) | 430 |
| (See Note # 2) | | (Akro | n | 1 | PTV) | | | | (See | Note # | 4) | | | | WCET | 48 OH | 400 |
| WBNX 55 OH 370 | | | (See | Note # | (2) | | | | KFAAt | 51 AR | | | | | WXIX | 19(OH) | 400 |
| WOAC 67 OH 395 | | | | | 370 | | | 2027 | KITUt | 34 TX | | | | 1730 | WWAT | 53 OH | 405 |
| W67AL 67 OH 375 | | | WOAC | | 395 | | | 2057 | KHBS | 40(OK) | 750 | | | 1743 | WSTR | 64 OH | 400 |
| (East lake WVIZ-25) | | | | | 375 | | | | ("40/ | 29" ID) | | | | 1809 | WKON | 52 KY | 430 |
| 2035 WOUC 44 OH 435 | | (Fast | | | 7-25) | | | | (Last | seen 1 | 989) | | | | WOSU | 34 OH | 375 |
| WOSU 34 OH 375 | | | | | 435 | | | 2104 | KOCBt | 34 OK | | | | 1812 | W32AC | t 32 IN | V |
| WAKC 23 OH 380 2038 WGEXt 16 PA 2058 WMFDt 68 OH W500E 50 OH 355 (Mansfield WMFD-68) 2117 CBLN1 56 ON 360 CITY2 31 ON 350 W6CT 48 OH 400 W5TR 64 OH 400 W5TR 64 OH 400 XTFOt 41 OK 2144 WNPBt 24 WV 0524 K58BX 58 IA 250 3 tr 2056 CITY2 31 ON 350 (MRSP/WCCU ID) 0634 KDNL 30 MO 430 0643 WUSI 16 IL 390 (WRSP/WCCU ID) 0634 WUSI 16 IL 390 (WRSP/WCCU ID) 0634 KDNL 30 MO 430 0643 WUSI 16 IL 390 (WSMP 28 MN 285 (WSMP 22 MN 365 (WSMP 22 MN 365 (WSMP) 29 MS 860 (WSMP) 29 M | | 2000 | | | 375 | | | 2107 | KSMOt | 62 MO | | | | (Muno | cie | | |
| 2038 WGEXt 16 PA | | | | | 380 | | | 2128 | KXINT | 45 TX | | | | .4 | WLKY | 32(IN) | |
| 2058 WMFDt 68 OH W50BE 50 OH 355 (See Note # 5) WCVN 54 KY 405 (Mansfield WMFD-68) KHBS 40(OK) 750 2231 WEIU 51 IL 345 (See Note # 5) W54BK 54 IN 205 (CITY2 31 ON 350 O511 KSHB 41 MO 520 (Chesterton ANC) WSTR 64 OH 400 KTFOT 41 OK 2253 WHIZ 18 OH 420 (MYSBT-22 News) WSTR 64 OH 400 KTFOT 41 OK 2253 WHIZ 18 OH 420 (MYSBT-22 News) WSTR 64 OH 400 KTFOT 41 OK 2253 WHIZ 18 OH 420 (Davenport TBN) O736 WTSF 61(WV) 490 (Davenport TBN) O736 WTSF 61(WV) 490 (WFSP/WCCU ID) (See Note # 6) (See Note # 1) O634 KDNL 30 MO 430 O537 WDBD 40 MS 855 (CITY4 10 A05 O643 WUSI 16 IL 390 (HSS) (CITY 57 ON 405 O643 WUSI 16 IL 390 (HSS) (See Note # 7) USI 12 tr 1330 KSMQ 15 MN 280 (MAW 14 MS 855 (CITY 57 ON 405 (MSWB 22 MN 365 (CITY 57 ON 405 (MSS) (| | 2028 | 100000000000000000000000000000000000000 | | 000 | 17 | +- | 0530 | KARD | 14 14 | 890 | | | 2221 | WNEO | 45 OH | |
| ## WFORE 50 OH 355 | | | | | | 10.00 | | 02.00 | unid | channa1 | 14 | | | 2225 | WSF.I | 51 OH | |
| (Mansfield WMFD-68) 2117 CBLN1 56 ON 360 CITY2 31 ON 350 WAPT 16 MS 855 CITY2 31 ON 350 WSTR 64 OH 400 WSTR 64 OH 400 WSTR 64 OH 400 WSTR 64 OH 400 WSTR 65 ON 350 O511 KSHB 41 MO 520 WSTR 64 OH 400 WSTR 64 OH 400 WSTR 65 OT SS) WSTR 65 OT SS) WSTR 65 OT SS) WSTR 65 OT SS WWSTR 65 OT SS WSTR 65 O | | 2000 | | | 255 | | | | (See | Note # | 5) | | | 6660 | WCVN | 54 KY | |
| 2117 CBLN1 56 ON 360 | | /Mana | field | WMET | 200 | | | | KNDS | AO(OK) | 750 | | | 2231 | WETII | 51 TI | 345 |
| CITY2 31 ON 350 WCET 48 OH 400 WCET 48 OH 400 WSTR 64 OH 400 WSTR 64 OH 400 XTF0t 41 OK 2144 WNPBt 24 WV 0524 K58BX 58 IA 250 4 tr 0615 KYOU 15 IA 345 OE29 WCCU 27 IL 285 (WRSP/WCCU ID) O634 KDNL 30 MO 430 O643 WUSI 16 IL 390 (WRSP/WCU ID) O643 WUSI 16 IL 390 (Blue Island religion) 12 tr 1330 KSMQ 15 MN 280 KAWB 22 MN 365 ("9-22" ID) VSAMP 14 NO 520 (See Note # 8) (WMSPT-22 News) XTF0t 41 OK 2253 WHIZ 18 OH 420 2253 WHIZ 18 OH 420 2525 WHIZ 1 | | 0117 | COLVIA | EE ON | 260 | | | | WADT | 16 MS | 255 | | | 2201 | W54BK | 54 TN | 205 |
| WCET 48 OH 400 | | 2111 | CELNI | 24 ON | 360 | | | OE11 | Kenb | 41 MO | 520 | | | (Cha | eterton | 34 111 | ANCI |
| WSTR 64 OH 400 2144 WNPBt 24 WV 3 tr 2056 CITY2 31 ON 350 4 tr 0615 KYOU 15 IA 345 0629 WCCU 27 IL 285 (WRSP/WCCU ID) 0634 KDNL 30 MO 430 0643 WLSI 16 IL 390 7 tr 0730 W54AP 54 IL 200 (Blue Island religion) 12 tr 1330 KSMQ 15 MN 280 (Blue Str 2058 CENTY 280 MO 1903 CFMT 47 ON 405 (CSE NOTE #7) 12 tr 1330 KSMQ 15 MN 280 (WRSP 22 MN 365 (CSE NOTE #7) 15 (SE NOTE #7) 16 CBLN 45 ON 355 (CSE NOTE #7) 17 (CSE NOTE #7) 18 CBLN 45 ON 355 (CSE NOTE #7) 19 CBLN 45 ON 355 (CSE NOTE #7) 19 CBLN 45 ON 365 (CSE NOTE #7) 1400 KTIN 21 IA 365 0559 KFXK 51 TX 930 (CSE NOTE #8) | | | WOFT | 40 OH | 400 | | | 0511 | (Hec | or UCC | 520 | | | (0110 | (w/WSI | 9T-22 N | lowe) |
| 2144 WWP8t 24 WV 0524 K58BX 58 IA 250 25 tr 0725 @MOUC 44 OH 435 3 tr 2056 CITY2 31 ON 350 (Davenport TBN) 0736 WTSF 61(WV) 490 4 tr 0615 KYOU 15 IA 345 K7U1 26 TX 1738 WEUX 48 WI 190 (WRSP/WCCU ID) (See Note # 6) (See Note # 11) 0634 KDNL 30 MO 430 0537 WDBD 40 MS 855 CITY 47 ON 405 0643 WUSI 16 IL 390 (HSS) CITY 57 ON 405 CITY 57 ON 405 (Blue Island religion) (See Note # 7) 1916 CBLN 40 ON 325 KAMB 22 MN 365 ("9-22" ID) 0558 WKYFC 50 MO 520 2030 W31BA 31 WI 150 (See Note # 8) (Minneapolis HSS) 0666 KETH 14 TX 1115 (See Note # 8) | | | WCEI | 40 OH | 400 | | | | VTEO! | 11 NV | | | | 2252 | WUT7 | 10 04 | 420 |
| 2144 WW-BT 4 WV 3 tr 2056 CITY2 31 ON 350 4 tr 0615 KYOU 15 IA 345 O629 WCCU 27 IL 285 (WRSP/WCCU ID) O634 KDNL 30 MO 430 O634 KDNL 30 MO 430 O643 WUSI 16 IL 390 7 tr 0730 W54AP 54 IL 200 O643 WISI 16 IL 390 (Blue Island religion) 12 tr 1330 KSMQ 15 MN 280 KAWB 22 MN 365 ("9-22" ID) O558 @KYFC 50 MO 520 CSPM 7 KS 11 KS 10 CSPM 7 KS 11 KS 11 KS 10 CSPM 7 KS 11 KS | | 24.44 | MOLLI | 04 00 | 400 | | | OF 24 | KEODY | EO TA | 250 | 25 | +- | 0725 | MILITE | 44 04 | 425 |
| 4 tr 2056 C1TY2 31 ON 350 (Bavenport 18N) 4 10 0615 KYOU 15 IA 345 (MRIVY 26 TX 1738 WEUX 48 WI 190 0629 WCCU 27 IL 285 (OEA NOTE # 6) (See Note # 7) 0634 KDNL 30 MO 430 0537 MDBD 40 MS 855 (CIII41 41 ON 405 0643 WUSI 16 IL 390 (HSS) CITY 57 ON 405 7 tr 0730 W54AP 54 IL 200 0542 %WMPN 29 MS 860 (CITY 57 ON 405 12 tr 1330 KSMQ 15 MN 280 (MMAW 14 MS 855 (CBLN4 45 ON 315 KAWB 22 MN 365 (//WMPN-29) (CBLN 45 ON 360 (//WMPN-29) (/ | 0.4 | 2144 | WIND D | 24 WV | 250 | | | (Day) | VOODV | 30 IM | TON | 20 | 61 | 0726 | WTCE | 61/W/ | 100 |
| 0629 WCQU 27 IL 285 | 3 11 | 2000 | G1112 | 31 UN | 350 | | | (Dave | BUDOL C | OC TV | (bid) | | | 1720 | WELLY | 40 WT | 100 |
| (WRSP/WCOU ID) (See Note # 6) (See Note # 11) 0634 KDNL 30 MO 430 | 4 T | r 0615 | KYOU | 15 IA | 345 | | | | KAIVI | 20 11 | | | | 1/30 | WEUX | 40 WI | 100 |
| (WRSP/WCCU ID) (See Note # 6) (See Note # 7) 0634 KDNL 30 MO 430 0537 MDBD 40 MS 855 CIII41 41 ON 405 0643 WLSI 16 IL 390 (HSS) CITY 57 ON 405 7 tr 0730 W54AP 54 IL 200 0542 3WMPN 29 MS 860 CIC4t 19 ON (Blue Island religion) (See Note # 7) 1916 CBLN 40 ON 325 12 tr 1330 KSMQ 15 MN 280 WMAW 14 MS 855 CBLN4 45 ON 315 KAWB 22 MN 365 (//WMPN-29) CBLN1 56 ON 360 ("9-22" ID) 0558 @KYFC 50 MO 520 1400 KTIN 21 IA 365 0559 KFXK 51 TX 930 (TAB program) (MSSCY 35 MN 285 (See Note # 8) (Minneapolis HSS) 0606 KETH 14 TX 1115 (See Note # 7) | | 0629 | WCCU | 2/ 1L | 285 | | | | KUZJI | 26 MU | | | | 1903 | CFMI | 47 014 | 405 |
| 0634 KDNL 30 MO 430 0537 WD8D 40 MS 855 CIT141 41 ON 405 0643 WUSI 16 IL 390 (HSS) CITY 57 ON 405 7 tr 0730 W54AP 54 IL 200 0542 \$\text{MMPN} 29 MS 860 CICY 47 9 ON (Blue Island religion) (See Note # 7) 1916 CBLN 40 ON 325 CBLN4 45 ON 315 KAWB 22 MN 365 (//WMPN-29) CBLN4 56 ON 360 ("9-22" ID) 0558 @KYFC 50 MO 520 2030 W31BA 31 WI 150 (See Note # 8) (Minneapolis HSS) 0606 KETH 14 TX 1115 (See Note # 3) | | 100000000000000000000000000000000000000 | (WHS | P/WCCU | 10) | | | | (500 | NOTE T | 0) | | | | (500 | MOTE H | 1 405 |
| 0643 WUSI 16 IL 390 (HSS) 7 tr 0730 W54AP 54 IL 200 0542 %MMPN 29 MS 860 <i>CICAt 19 OV</i> (Blue Island religion) (See Note # 7) 1916 CBLN 40 ON 325 12 tr 1330 KSMQ 15 MN 280 WMAW 14 MS 855 CBLN4 45 ON 315 KAMB 22 MN 365 (//WMPN-29) CBLN1 56 ON 360 ("9-22" ID) 0558 @KYFC 50 MO 520 2030 W31BA 31 WI 150 1400 KTIN 21 IA 365 0559 KFXK 51 TX 930 (TAB program) K35CY 35 MN 285 (See Note # 8) W57AR 57 WI 145 (Minneapolis HSS) 0606 KETH 14 TX 1115 (See Note # 9) | | 0634 | KDNL | 30 MO | 430 | | | 0537 | WDBD | 40 MS | 855 | | | | C1114 | 1 41 00 | 405 |
| 7 tr 0730 W54AP 54 IL 200 0542 %WMPN 29 MS 860 CICAT 79 CN (Blue Island religion) (See Note # 7) 1916 CBLN 40 ON 325 12 tr 1330 K5MQ 15 MN 280 WMAW 14 MS 855 CBLN4 45 ON 315 KAWB 22 MN 365 (//WMPN-29) CBLN1 56 ON 360 ("9-22" ID) 0558 @KYFC 50 MO 520 2030 W31BA 31 WI 150 1400 KTIN 21 IA 365 0559 KFXK 51 TX 930 (TAB program) (Minneapolis HSS) 0606 KETH 14 TX 1115 (See Note # 8) W57AR 57 WI 145 | | 0643 | WUSI | 16 IL | 390 | | | 25.50 | (HSS) | 55 82 | | | | | CITY | 57 UN | 405 |
| (Blue Island religion) (See Note # 7) 1916 CBLN 40 ON 325 12 tr 1330 KSMQ 15 MN 280 WMAW 14 MS 855 CBLN4 45 ON 315 KAWB 22 MN 365 (//WMPN-29) CBLN1 56 ON 360 ("9-22" ID) 0558 WKYFC 50 MO 520 2030 W31BA 31 WI 150 1400 KTIN 21 IA 365 0559 KFXK 51 TX 930 (TAB program) K35CY 35 MN 285 (See Note # 8) W57AR 57 WI 145 (Minneapolis HSS) 0606 KETH 14 TX 1115 (See Note # 3) | 7 ti | r 0730 | W54AP | 54 IL | 200 | | | 0542 | %WMPN | 29 MS | 860 | | | 92502 | CICAT | 19 ON | - |
| 12 tr 1330 KSMQ 15 MN 280 | | (Blue | Islan | d relig | gion) | | | | (See | Note # | 7) | | | 1916 | CBLN | 40 ON | 325 |
| KAWB 22 MN 365 | 12 t | r 1330 | KSMQ | 15 MN | 280 | | | | WMAW | 14 MS | 855 | | | | CBLN4 | 45 ON | 315 |
| ("9-22" ID) 0558 @KYFC 50 MO 520 2030 W31BA 31 WI 150 1400 KTIN 21 IA 365 0559 KFXK 51 TX 930 (TAB program) K35CY 35 MN 285 (See Note # 8) W57AR 57 WI 145 (Minneapolis HSS) 0606 KETH 14 TX 1115 (See Note # 3) (See Note # 9) | | | KAWB | 22 MN | 365 | | | | (//WM | IPN-29) | | | | | CBLN1 | 56 ON | 360 |
| 1400 KTIN 21 IA 365 0559 KFXK 51 TX 930 (TAB program) K35CY 35 MN 285 (See Note # 8) W57AR 57 WI 145 (Minneapolis HSS) 0606 KETH 14 TX 1115 (See Note # 3) (See Note # 9) | | | ("9-2 | 2" ID) | | | | 0558 | @KYFC | 50 MO | 520 | | | 2030 | W31BA | 31 WI | 150 |
| (See Note # 8) W57AR 57 WI 145 (Minneapolis HSS) 0606 KETH 14 TX 1115 (See Note # 3) W57AR 57 WI 145 (See Note # 8) | | 1400 | KTIN | 21 IA | 365 | | | 0559 | KFXK | 51 TX | 930 | | | | (TAB | program | n) |
| (Minneapolis HSS) 0606 KETH 14 TX 1115 (See Note # 3) (See Note # 9) | | | K35CY | 35 MN | 285 | | | | (See | Note # | 8) | | | | W57AR | 57 WI | 145 |
| (See Note # 3) (See Note # 9) | | (Minn | neapoli | S | HSS) | | | 0606 | KETH | 14 TX | 1115 | | | | | | |
| | | | (See | Note : | #3) | | | | (See | Note # | 9) | | | | | | |

Note # 1 - "CHWI-TV CH. 16 WHEATLEY ONTARIO" and "SCUTHWESTERN ONTARIO BROADCAST" alternately supered over color bars. (Snow free for awhile).

Note # 2 - 29 Akron logo in lower right corner of screen during call in show about high school football. Later, phony call letters "WAI-TV" used.

William Draeb (continued)

Note # 3 - Weak. No sign of 58 or other LPTVs in area. (Here on the southwest edge of St. Paul, K35CY is clearly the strongest of the metro LPTVs. The next strongest is W62BD, then much weaker is K58BS, and almost unseen is, the closest, W53CH. fm)

Note # 4 - Local McDonalds' ad with outline of state of Texas shown.

Note # 5 - About same line as KARD. TBN. Not Oklahoma City, probably Texas.

Note # 6 - Religious program - same offset as WCIU-26.

Note # 7 - At 0545, Mississippi Educational TV slide on for about a minute, then back to color bars.

Note #8 - ID slide with "TYLER-LONGVIEW". "FOX 51" logo in lower left of screen during cartoons.

Note # 9 - Upper level math progam. (So they actually have educational programs. I always thought these educational stations were just used by TBN to get more than the legal limit of full service stations on the dial. fm)

Note #10 - Ads for Tyler, Palestine area during Rush Limbaugh Show.

Note #11 - "The Spirit of Louisiana" mentioned with ID. Also, ad for "NFL Magazine" and additional comments about New Orleans Saints.

Note #12 - "Japanese Journal", news of Japan in Japanese. "CFMT" on wall of set.

W31BA still appears to be share time between TBN and Three Angels. It appears that they carry Three Angels from noon until midnight and TBN from midnight until noon. There could be exceptions. I wrote a letter to the owner who lives in Minocqua, but no response.

Jeff Kadet, Box 20, Macomb IL 61455 (W3CRH) (309-833-1809)

CDT

Equipment: See September 1993 Western TV-DX.

Correction from last report (09/93): W48BD Corbin, Kentucky was carrying the LeSea satellite feed, not TBN.

| | | t 1993 | | | | | 17 | tr | 2219 | K52DZ andria | 52 | +MN | 445 | 26 | tr | 0612 | K53EG | 53 | -SD | 375 |
|----|----|--------|-------------|------|------|-------|----|----|-------|--|------|------|-------|-----|------|---------------|--------|------------|------|-------|
| 2 | tr | | K57CN | | | 280 | | | (Alex | andria | | | TNN) | | | (Siou | x Fall | s | | CTN) |
| | | (Waba | | | KST | P- 5) | | | 2220 | K50DB | 50 | +MN | 445 | 27 | tr | 0230 | unid | 50 | CTN | MI? |
| | Es | 1030 | unid | ch : | 2 M | exico | | | (Alex | K50DB andria K48DV andria Other K54AT nard | bu | 11e | tins) | | | | (Hdg- | Tra | vers | se C) |
| | | 1130 | KACV | 2 | TX | 700 | | | | K48DV | 48 | HMN | 445 | | | | W40AK | 40 | MI | 295 |
| | | 1155 | KIII | 3 | TX | 970 | | | (Alex | andria | | | CSP) | | | | (CHA | & 1 | oc r | news) |
| | | 1230 | WSAV | 3 | GA | 780 | | | | Other | COL | nmor | n MN | | | | W57BJ | 57 | WI | 300 |
| | | | @XEFE | 2 | TA | 1025 | 18 | tr | 0003 | K54AT | 54 | ZMN | 455 | | | (Gree | n Bay | | | TAB) |
| | | | unid | char | nne | 1 3 | | | (Brai | nard | W/I | KSMK | 2-15) | | | | (CW | ID 1 | w/to | one) |
| | | 1256 | WPBT | 2 | FL | 1165 | | | | (Norma | | | | | | | K57CN | | | |
| | | | XHIT | 4 | CH | 1195 | | | 0032 | KAWB | 22 | MN | 455 | | | (Waba | sha | | KSTF | - 5) |
| | | 1600 | KMID | 2 | TX | 865 | 20 | tr | 0425 | W40AK | 40 | IMS | 295 | | | | K74CZ | 74 | MN | 250 |
| | | 1630 | KDBC | 4 | TX | 1065 | | | (Musk | egon | | | CHA) | | | (Wino | na | | KTTC | 2-10) |
| | | 1700 | KENW | 3 | NM | 860 | | | | W29BE | 29 | MI | 300 | 29 | tr | 0850 | W43AG | 43 | MN | 300 |
| | | 1745 | XEFB | 2 | NL | 1160 | | | (Musk | W29BE egon WNAL Hunts K31CH Ird K45AR | | | TBN) | | | (Hopk | insvil | 1e | 1 | PTV) |
| 8 | Es | 0815 | XEFB | 2 | NL | 1160 | 23 | tr | 0310 | WNAL | 44 | AL | 510 | | | | W62BH | 62 | KY | 300 |
| 11 | Es | 0845 | XEFB | 2 | NL | 1160 | | | | Hunts | vil' | le l | Js | | | (Hopk | insvil | le. | | TBN) |
| | | 1000 | WEDU | 3 | FL | 995 | 25 | tr | 0205 | K31CH | 31- | MN | 490 | | | 0.000,000,000 | (See | No | te # | 2) |
| | | | WPBT | 2 | FL | 1165 | | | (Erha | rd | | | CNN) | | | | W680G | 68 | TN | 360 |
| | | 1105 | WJXT | 4 | FL | 870 | | | 0300 | K45AR | 45 | MN | 450 | | | (Nash | ville | | | VJN) |
| | | | WESH | 2 | FL | 955 | | | | KRRRY | 68 | MIN | 355 | | | 36000000 | W6700 | 67 | AL | 460 |
| | | | (See | No | te i | # 1) | | | (Redw | ood F1 | Is I | KARE | -11) | | | (Hunt | sville | | | TBN) |
| | | 2135 | WPBT | 2 | FL | 1165 | | | 0345 | K19CV | 19- | HMN | 355 | | | 0905 | W64AV | 64 | KY | 300 |
| 15 | tr | 0130 | KASN | 38 | AR | 425 | | | (Redw | ood Fa | 11s | | CBN) | | | | insvil | | | |
| | | | WDBD | 40 | MS | 565 | | | | K21DJ | 21- | HMN | 355 | | | | | | | |
| | | 0210 | K43CJ | 43 | AR | 300 | | | (Redw | ood Fa | 11s | | TBS) | Ser | oter | mber 1 | 993 | | | |
| | | (Moun | tain H | ome | | TBN) | | | | | | | | | | 0123 | | 51 | TX | 615 |
| | | | KARD | 14 | LA | 585 | 26 | tr | 0543 | K24AC | 24 | NE | 265 | | | | KXLN | 45 | TX | 800 |
| | | | KLAX | 31 | LA | 625 | | | (Fall | s City | | KUON | (-12) | | | | KITU | | TX | 735 |
| 17 | tr | 2115 | K39CJ | 39 | MN | 490 | | | | K31BW | 31 | KS | 325 | | | | KTXH | | TX | 800 |
| | | (Erha | ird | | WGI | (e -4 | | | (Manh | attan | | | TBN) | | | 0130 | WNTZ | 48 | MS | 620 |
| | | 2200 | K51DC | 51- | -MN | 490 | | | | K21AP | 21 | KS | 290 | | | | (CHA) | | | |
| | | | ird | | | ESP) | | | (Tope | K31BW attan K21AP ka K58CX ence | | | TBN) | | | | WMAW | 14 | MS | 580 |
| | | | K45AR | 45 | MN | 450 | | | | K58CX | 58 | KS | 270 | | | | WMAO | | MS | 490 |
| | | (Eag1 | e Bend | | | CSP) | | | (Lawr | ence | | CTK | -491 | | | | WMPN | 12 23 22 2 | MS | 570 |

COT

| eff Kadet | LOOILI | 11460 | -/ | | 12 | tr | 2200 | WMCF | 45 | AL | 610 | 18 | tr | 0551 | @W49AY | 49 | Δ1 | 525 |
|-----------|--|-------|-----|-------|----|----|-----------|--------------|-----|-------------|-------------|------|------|--------|---------|--------|--------|--------|
| 2 tr 0130 | KHSH | 67 | TY | 800 | 12 | | 2200 | WHOA | | AL | 615 | 1.0 | L.F. | | mingham | | | PTV |
| 2 11 0100 | KTMD | 48 | | 800 | | | 2224 | WXIA | | GA | 580 | | | (611) | W53AF | | | 100000 |
| | KLAX | 31 | | 625 | | | 2225 | unid | | | | | | (Book | neville | | | (-40) |
| | KETK | 56 | | 635 | | | LLLU | (See | | | | | | 0616 | | | | |
| | KHTV | 39 | | 800 | | | 2240 | WNGM | | GA. | 580 | | | | sellvil | | | TBN) |
| | KRIV | 26 | | 800 | 10 | +- | 0029 | WHLT | | MS | 630 | | | (nus | unid | | | |
| | KASN | 38 | | 425 | 10 | 41 | 0032 | WDBD | | MS | 565 | | | | (Hdg | | | |
| | K66CN | | | 320 | | | 0032 | WMAW | | MS | 580 | | | | WDAUt | | | lla , |
| (Harr | | 00 | | TBN) | | | 0033 | W6700 | | | | | | | W51AB | | | 475 |
| 0201 | KETH | 14 | | 800 | | | / Lh us t | sville | | | TBN) | | | /E14 | nstone | | | -18 |
| 0201 | WMAE | 12 | | 415 | | | 0057 | | | TN | 410 | | | 2300 | | 41 | | 0.0000 |
| | unid | | | 0.000 | | | 0057 | (See | | | | 10 | 4 | 0000 | | | | |
| | A STATE OF THE STA | | | | | | 0110 | | | | | 19 | tr | 0143 | | | | HAVEGO |
| | (Hdg | | | | | | 0110 | | | GA | 640 | | | | | 23 | | TBN) |
| | KLSB | 19 | | 665 | | | | W22BF | 22 | | 450 | | | (Jas | | 24. | | |
| | unid | | | | | | (Deca | | | | TBN) | | | | W31AG | 312 | | |
| 2202 | (HSC | | | | | | | W20AL | 20- | | | | | | rksdale | | | TBN |
| 0310 | WGMB | 44 | | 700 | | | (Atla | | | | VVN) | | | 0204 | | 41 | | 660 |
| 0324 | KWKT | 44 | | 735 | | | 0157 | W57BV | 577 | | 430 | | | 0230 | | 55 | | |
| | KTBS | | LA | 565 | | | (Flor | | | | TBN) | 2020 | | (Jas | | 2047 | | ANC) |
| 0337 | KADN | 15 | | 700 | | | | | 12 | | 635 | 22 | tr | | =WMAW | 310019 | 2015-0 | 580 |
| 0344 | KDTX | 58 | | 645 | | | | W52B0 | 52 | | | | | 0200 | @WATL | 36 | | 575 |
| | ekmss | 33 | | 570 | | | (Selm | | | | TBN) | | | | WVEU | 69 | | 575 |
| 0350 | KMCT | | LA | 555 | | | 0236 | WAKA | | AL | 615 | | | | WGNX | 46 | | 575 |
| 0507 | KLTJ | 22 | | 815 | | | 0240 | WRCB | | | 465 | | | | WTLK | 14 | | 535 |
| (5.0.0) | @WJTV | 12 | | 565 | | | 0306 | unid | | | | | | | WHSG | 63 | | 590 |
| 0544 | @ KETA | 13 | OK | 505 | | | | (See | | | | 25 | tr | 0030 | | | | 510 |
| | ("OET | A") | | | | | 0324 | W51AL | | | | | | | CBLN4 | | | 540 |
| 0551 | @KFAA | | AR | | | | (King | sport | 1 | WKPT | -19) | | | 0135 | &CBLFT | | | |
| | (Just | "F(| X 5 | 1") | | | 0406 | %W67C1 | t 6 | 7-G4 | | | | | &CK003 | | | 465 |
| 1943 | WCIQ | 7 | AL | 550 | | | | ("Tei | emu | ndo' | (CB) 510 | | | | &CIII2 | 9 29 | 10 | 465 |
| | WJSU | 40 | AL | 540 | | | | W15AF | 15 | AL | 510 | | | 0138 | WSYT | 68 | NY | 765 |
| | WABM | 68 | AL | 525 | | | (Gads | den | 1 | WBRC | - 6) | | | 0200 | W57BJ | 57 | WI | 300 |
| | WJSP | 28 | GA | 620 | | | | W30AF | 30 | TN | 535 | | | (Gre | en Bay | | | TAB ! |
| | WVEU | 69 | GA | 575 | | | (King | sport | 1 | WKPT | -19) | | | 0210 | W44BF | 44 | WI | 235 |
| | WHSG | | GA | 590 | | | | @WKCH | 43 | | 475 | | | | Crosse | | | TBN |
| | WGNX | 46 | | 575 | | | | W29A0 | | | 550 | | | 0256 | WGKU | 45 | MI | 440 |
| | WATL | 2.5 | GA | 575 | | | (Anni | | | | - 6) | | | | W40AY | | IM | 390 |
| 2035 | WAIQ | | AL | 610 | | | | WBRC | | AL | 525 | | | 12- | vrse Ci | | | -221 |

Note # 1 - WESH with a black "2", so scrap the theory in my September report.

Note # 2 - Finally got W40AK and especially W62BH. In the case of W62BH, I really doubt if its listed 26.1 KW is correct (unless they're transmitting from a coal shaft). W64AV, same city, is listed as 744 Watts and they were identical in signal strength.

Note # 3 - Classic Video Theatre "TV 34".

Note # 4 - Way off frequency on audio. Listed as minus offset, they were at 523.770 MHz which is way above plus offset.

Note # 5 - Home Shopping Spree to Huntsville. Parallel to WBRC.

Note # 6 - Opening still stationary. Most stations logged on 09/18 still in.

Logged two new countries, Dominican Republic (#9) and Puerto Rico (#10) on July 6 thanks to Ceasar Obijo in the D.R. who listened to my tapes. With HISD-4, I had them announcing their program schedule for Sunday night, an interview with Napolean Munoz, ex D.R. president, plus other details. With WAPA-4, I had an ad for "Plaza de las Americas", San Juan's main shopping center, an ad for Radio Voz on 870 KHz, P.R. horse racing, and other program details. 73.

Fred McCormack, 2384 Teakwood Dr, Maplewood MN 55119-5520

CDT

Equipment:

General Electric 9" color (Model 09GP103). VHF: Rabbit ears. UHF: Archer Golden-U UHF Indoor Antenna (2 bow-ties).

September 1993 12 tr 1240 KPTM 42 NE 310

12 tr 1258 KTIN 21 IA 160 12 tr 1258 KRIN 32 IA 190 KYIN 24 IA 105 KHIN 36 IA 270

Thanks to John Ebeling for tipping me on this little enhancement.

Dave Pomeroy, 2321 SE Libra Court, Topeka KS 66605-1827 (913-266-5477)

Equipment:

Western TV-DX

VHF: Radio Shack VHF/UHF (model unknown). Channel Master 6' UHF parabolic with Radio Shack preamplifier.

| July 1993 | 28 tr 0600 K64BS 64 KS 110 | 31 tr ???? K33AA 33 IA 220 |
|--------------------------|----------------------------|----------------------------|
| 6 tr 0730 WSJV 28 IN 530 | (Concordia w/KMBC- 9) | (Ottumwa KIIN-12) |
| Chicago 20,32, | (Normal KOOD- 9) | |
| 38,44,60,66 | K44AB 44 IA 245 | August 1993 |
| WWTO 35 IL 385 | (Keokuk KIIN-12) | 17 tr 0630 WEVV 44(KY) 445 |
| KDUB 40(WI) 355 | KDUB 40(WI) 355 | WFIE 14(KY) 450 |
| KYOU 15 IA 220 | WMSN 47 WI 420 | |
| WICS 20 IL 335 | WMEC 22 IL 280 | September 1993 |
| W65BV 65 IL 325 | 0745 WQPT 24 IL 320 | 28 tr 0630 KFWD 52 TX 445 |
| (Springfield WSEC-14) | WEEK 25 IL 340 | K46AH 46 OK 205 |
| WRSP 55 IL 335 | KOCV 36 TX 620 | (Medford KETA-13) |
| 1000 WTLJ 54 MI 575 | 31 tr ???? K25AA 25 IA 300 | KXTX 39 TX 450 |
| KLJB 18(IL) 320 | (Rock Rapids KSIN-27) | unid ch 58 TBN |
| KJMH 26 IA 270 | KMEG 14 IA 240 | KLDT 55 TX 425 |
| WGVU 35 MI 575 | KSIN 27 IA 240 | KWKT 44 TX 540 |
| WYZZ 43 IL 360 | (KSNT-27 off) | KDTX 58 TX 450 |
| | | |

Robert Delaney, RR#4 Box 385, Mt. Vernon IL 62864 (KA9UVY) (618-242-7256)

Equipment: See September 1993 Western TV-DX.

| Sei | oter | nber | 1993 | | | | 18 | tr | 0003 | WATL | 36 | GA | 400 | 24 | tr | 0423 | @WOUC | 44 | ОН | 425 |
|-----|------|------|-------|----|----|-----|----|----|-------|-------|----|------|------|----|----|-------|--------------|----|------|------|
| 16 | tr | 0647 | KOCB | 34 | OK | 510 | | | 0018 | WFLI | 53 | TN | 320 | | | 0430 | +WBNX | 55 | OH | 435 |
| | | 1822 | KETK | 56 | TX | 560 | | | 0206 | WJSU | 40 | AL | 365 | | | 0447 | @WETG | 66 | PA | 530 |
| | | 2102 | KHTV | 39 | TX | 710 | | | 0303 | WCOV | 20 | AL | 440 | | | 0450 | @WSEE | 35 | PA | 530 |
| 17 | tr | 0448 | @KMSS | 33 | LA | 480 | | | 1802 | WCLP | 18 | GA | 340 | | | 0500 | WJAL | 68 | MD | 595 |
| | | 0501 | WNTZ | 48 | MS | 490 | | | 2200 | WEMT | 39 | TN | 375 | | | 0530 | WSFJ | 51 | OH | 365 |
| | | 0503 | KLTJ | 22 | TX | 720 | | | 2208 | KHOG | 29 | AR | 325 | | | 0531 | WEAO " | 49 | OH | 430 |
| | | 0529 | KRIV | 26 | TX | 710 | 19 | tr | 0900 | WTJP | 60 | AL | 340 | | | 0541 | @WOSU | 34 | OH | 345 |
| | | 0532 | @KASN | 38 | AR | 325 | 23 | tr | 2024 | WQHS | 61 | OH | 435 | | | 0555 | WOAC | 67 | OH | 435 |
| | | 2105 | WTTO | 21 | AL | 355 | 24 | tr | 0355 | WBSX | 31 | MI | 380 | | | 0601 | W69BT | 69 | IN | 270 |
| | | 2134 | WABM | 68 | AL | 355 | | | 0400 | W59CA | 59 | MI | 360 | | | (Sour | th Bend | 1 | WCIU | -26) |
| | | 2202 | WMCF | 45 | AL | 435 | | | (Jack | son | 1 | MAQP | -49) | | | 0632 | WTVS | 56 | MI | 410 |
| | | 2204 | WCFT | 33 | AL | 365 | | | 0404 | WSYT | 68 | NY | 735 | | | | | | | |
| 18 | tr | 0001 | WVEU | 69 | GA | 405 | | | 0418 | WMFD | 68 | OH | 375 | | | | | | | |

September was a bit of a let down for me here, but did have it's moments like on the 24th when I got to see New York for the second time ever, but still unable to get a photo. Also managed a new TV state with WJAL-68 in Maryland.

ROTEL RHT-10: FM SUPER-TUNER OF THE 90'S?

Are club members aware of the newest contender in the FM "super-tuner" race? The high-end audio press is buzzing, and some enthusiasts are drooling. It's the ROTEL RHT-10, a no-compromise FM tuner from Great Britain thats priced in the \$1,500 range, about twice the price that many good FMDX-capable tuners go for. Is it worth it? Well, it is being compared to the legendary McIntosh MR 78, another no-holds-barred piece of laboratory grade equipment that was about 15 years ahead of its time in terms of specs. Almost none of todays tuners, not even the ones in the stratosphere" of the high-end, can come close to the McIntosh in terms of razor sharp selectivity performance, as well as strong signal crossmod rejection and overload resistance. What remains to be seen by enthusiasts is how close it really comes to the Mcintosh. So far, no tuner has been able to touch the MR 78 "super narrow" selectivity mode when it comes to the adjacent channels (+/- 200 kHz). The FM enthusiasts "dream machine" would need to have adjacent channel rejects of anywhere from 45 to 50 dB down to beat the McIntosh, and over 100 dB at the alternate channels (+/- 400 kHz). That's not all, though. Such a tuner would have to have good sensitivity (usually not a problem anymore) and overload rejection to make the high selectivity really useful (BIG problem). I'd like to see a WTFDA member rundown of this dream machine. If anyone has the good fortune of living near one of the small number of high-end audio shops (mostly East Coast area) which are likely to have one on display, I invite you to visit the dealer and ask him for a demo of this tuner on weak signals. I, for one, am one of the ones who just can't wait to see how well the ROTEL lives up to the "hype."

NOVEMBER 1993

Danny Buntin 1312 N. Skyline Stillwater, OK 74075

DEADLINE: 14th

Douglas E.Smith W9WI/4, 14 Brookside Court, Nashville, TN 37209-4503 All vacation DX this time. Also tried to DX from the "World's Highest Hill" (Cavanal Mtn., Poteau), but the presence of three 100kw FMs and a 3000kw UHF TV (KHBS 40)-all on towers sess than 300' tall-made it a lost cause. (I've tried DXing from that location before, also to little or no avail. DB) Anyway, here goes: 9/14 tr from home:

1138 106.5 KMIS MO Portageville, sat. k, "AM 1050 & FM 106", advertising for sales reps. Ex 106.3, this is regular scatter now so must have increased power with frequency change. 161 mi.

9/21 tr from Grand Isle, LA: 1200 94.7 WTYX MS Jackson, loc.ads 96.3 WJDX MS Jackson, loc.ads 102.3 WGCO MS Gulfport, calls 103 103.1 WOSM MS Ocean Springs, g 105.7 KHCB TX Houston, q 321 9/22 tr from Gallveston Beach, TX.: 1430 97.3 KAJA TX San Antonio, k 196 100.7 WTGE LA Baton Rouge, calls, rp229 100.7 KASE TX Austin, k & loc.ad 184 105.3 KSMG TX Sequin, mr

9/22 tr from Jacksonville, TX: 1800 99.1 K256?? TX Tyler, translator of KERA 90.1 Dallas. Loud over 20 miles away! 9/23 tr from Paris, TX/Hugo, OK: 1030 102.7 KJYO OK Oklahoma City, local ad 212 212 100.5 Katt OK Oklahoma City 98.9 KYIS OK Oklahoma City 212 197 94.9 KOLL AR Maumelle 92.9 KNIN TX Wichita Falls, loc.ad 184 from McAlester, OK:

196 1130 98.3 KYYK TX Palestine, "Kicks 98" 206 Equipment for all this DX is the car radio in a 1990 Ford Escort.

Bill Townshend, 4500 Conn. Ave. NW #901, Washington, DC 20008-4326 (Equipt.: Realistic Portavision-40) 0844 WPST 97.5 NJ Trenton, nx, k local like 0856 WWDB 96.5 PA Philadelphia 0858 WYDB 97.3 PA Harrisburg, nx,ex-WHP 8/31 tr 0842 WAFL 97.7 DE Milford 0852 WALK 97.5 NY Patchogue, new several local DXers heard stations in DE, MD, VA, NC area from MA, CT, RI area on 8/31 a.m.

22 og totals now stand at 692. 73's Matt.

8/31 tr 0955 WKTU 98.3 NJ Ocean City, gospel, new 1014 WCHR 94.5 NJ Trenton, gospel, new WYSP 94.1 Philadelphia heard with strong signal at high noon. Cx unusually good, probably due to wx cs in from of Hurricane Emily. At NRC convention in Enfield, CT

0752 WEAS 93.1 GA Savannah, E93

0759 WRJA 88.1 SC Sumter, ID

219

Matt Sittel, 603 Fulton Rd., Apt. B-24, Tallahassee FL 32312-2214 Equipment: Yamaha TX-900U tuner with modified filters, Archer rabbit ears. 2nd story apartment, facing east. Elevation 185'. 7/10 Es 1006 KRKZ 93.5 OK Altus, local ad 0754 WCEH 103.9 GA Hawkinsville, calls134 1011 KECO 96.5 OK Elk City, local ad 940 0757 WEAS 93.1 GA Savannah, E93 219 1020 KGNC 97.9 TX Amarillo, calls 0800 WMBV 91.9 AL Dixons Mills, ID 0906 WSCI 89.3 SC Charleston, ID 1013 KZCD 94.3 OK Lawton, CD Country 870 302 1102 KQIZ 93.1 TX Amarillo, 93.1 Z93 1068 0936 WQZY 95.9 GA Dublin, Y96 164 0952 WYKZ 98.7 SC Beaufort, H.H. ad 253 1212 ???? 105.1 JAMAICA 0958 WRHQ 105.3 GA Richmond Hill 1217 KLAS 89.3 JAMAICA, calls 9/24 tr 1218 JBC 91.1 JAMAICA 1218 JBC 92.1 JAMAICA // 92.1 0659 WXJC 91.9 FL Crystal River, ID 150 9/25 tr 0534 W 1221 FameFM 92.7 JAMAICA 96.9 GA Fitzgerald, Class 107 0559 WMAH 90.3 MS Biloxi, ID 1222 ???? 107.7 JAMAICA, Ocho Rios mention 273 1228 ???? 105.5 JAMAICA // 105.1, rap music 0559 WSCI 89.3 SC Charleston, -+ 302 1230 Radio One 103.9 JAMAICA 0808 WALX 100.9 AL Selma, Laser101 1235 KLAS 89.9 JAMAICA // 89.3 0904 WDBN 107.5 GA Wrightsville, Mix 181 0909 WZBX 106.5 GA Sylvania, calls, k 225 1235 Power 106 106.5 JAMAIGA 0913 KCIL 107.5 LA Houma, C107 389 1900 WKVT 92.7 VT Brattleboro, ID 0926 WTGA 95.3 GA Thomaston, calls 165 1913 WFLY 92.3 NY Troy, Fly 92 1031 10/3 tr 1020 WZAT 102.1 GA Savannah, calls 1123 XHAAA 93.1 TA Reynosa, SS 1024 WMCD 100.1 GA Statesboro, calls 201 1035 WRHQ 105.3 GA Richmond Hill 0931 WEDG 93.1 FL Edgewater, Gold 93.1 228 0933 WZZK 104.7 AL Birmingham, calls 0703 WBBQ 104.3 GA Augusta, calls 0704 WXRS 100.5 GA Swainsboro, ad 187 0733 WLOW 106.9 SC Bluffton, area ment. 236 0706 WJAT 98.1 GA Swainsboro, ID 187 0734 WLTS 105.3 LA Slidell, Lite 105 0710 WYSC 95.3 GA McRae, local ad 138 0741 WLVH 101.1 SC Hardeeville, Love1011 227 0721 WZAT 102.1 GA Savannah 219 0750 WEZB 97.1 LA New Orleans, B97FM 349 0729 WNOK 104.7 SC Columbia 308

Gus Mancuso, 5615 Inwood St., Hyatts, MD 20785 301 773-3072 9/13 tr 9/13 tr 0837 93.1 WMQX NC Winston-Salem 0820 100.7 WFMZ PA Allentown 0830 92.3 WKRR NC Ashboro first ever null on WPOC

Unexpected catches today as cold front only in the Dakotas today, was anticipating something next day when it reached midwest, but didn't pan out. No significant cold fr trs last 1 Sept. or 1st week of October. STATION NEWS: 99.9 Ocean City, MD now WWFK IDing as "Frogy 99.9" and "KHI". 95.9 in Bethany, DE, using "KHI" handle, too, not sure if still WWTR or WKHI (WWFK now k). RE: To J. Combs Murphy's laws of DX ad this: Best morning trops will happen on Sunday when everyone doing rel or Top 40 countdown, thus TDing only hourly.

John Tudenham, 2824 Missouri, Joplin, MO 68404-2755 Some good September tropo to the east on Sept. 16,17,18th but spent most of my time on the two meter band where I worked as far as Ont. Canada, PA, WV & GA. Met club member Gil Morgan who moved to SW Missouri from CA. | baseball 8/20 (all tr) 2240 KRLK 100.1 MO Cassville, KC Royals 2300 KMKF 101.5 KS Manhattan, Rock 101.5 2310 KZSN 102.1 KS Hutchinson, k 0052 KLLS 104.5 KS Augusta 2130 KUSN 98.9 KS Coffeyville,k 8/23 2358 KKEG 92.1 AR Fayetteville, r live pro. 1220 KCLQ 107.9 MO Lebanon, k 1011 KEYI 103.5 TX San Marcus, San Ant. ads 1005 KXOJ 101.1 OK Sapulpa 1015 KRZZ 96.3 KS Derby 1055 KGLS 93.1 KS Pratt 1052 KLVV 98.7 TX Dallas, ID 98.7 KLUV 1117 KVLB 104.3 KS Great Bend 9/30

1201 KTOZ 104.7 MO Marshfield, ID 2105 Doug Allen, w2crs, P. O. Bfox 5646, Woodland Park, CO 80866 Equipt.: Onkyo T-4087 (IF modified) FM-13 at 50 feet, 9000 ASL 8/17 tr 8/1 ms 1200 KHCT 90.9 KS Great Bend, ID KS #63 0816 WKDD 96.5 OH Akron, 10 sec. burst 1230 KWBI trans. 95.3 WY?? WY #25 8/4 Es, trs, ms 2215 KWYR 93.7 SD Winner, "Magic 93" weak 0932 WRJH 97.7 MS Brandon, nx 2315 KEZO 92.3 NE Omaha weak 0937 WRBH 88.3 LA New Orleans, Reading for 8/20 tr the blind 2001 KJTV 88.1 KS Topeka, g 0940 WBSN 89.1 LA New Orleans 0944 WQCK 92.7 LA Clinton, g, singing ID 2002 KTPK 106.9 KS Topeka 8/21 tr 0949 WCKW 92.3 LA LaPlace, ID 1000 KILS 92.7 KS Minneapolis, ID, KS #62 0635 KXLK 105.3 KS Haysville 1128 WJST 94.5 FL Port St. Joe, 14 sec. burst 0640 Wichita stations strong 0700 KLKC 93.5 KS Parsons, local news K 0705 KGVE 99.3 OK Grove, ID 0750 KTPK 106.9 KS Topeka, k 0711 KQDF 96.7 KS Larned, "96.7 the super Q" 0714 KNNE 93.5 KS Wellington, ID 1246 WSWT 106.9 IL Peoria, ID 15 sec. burst 0800 KVCY 101.7 KS Fort Scott, muffled ID, g 0800 KTBN 90.7 KS Wichita, g, "the new inspirational Black Network" KS #67 1345 KCME trans. 88.1 CO? call to station: "We have no translators" 8/23 tr 8/17 tr 0800 KWFX 93.5 OK Woodward 0430 KVSR 97.9 Rapid City, "Your good 8/25 tr neighbor Christian radio" 0435 KWBI trans. 88.1 CO/NE?, peaks n.e. 0440 KESD 88.3 SD Brookings, ID 0450 KWYR 93.7 SD Winner, "Magic 93" 0440 K205BR 88.9 KS Colby, "High Plains 0445 KQRN 107.3 SD Mitchell,wx Public Radio" 0445 K257DI 99.3 KS St. Francis, //88.9 0515 KPLO 94.5 SD Reliance, local nx 0450 K214AR 90.7 KS Sharon Springs, //88.9 0530 KNSR 88.9 MN Collegeville, ID 1st MNN in tr 680 miles 99.3 0614 K237CN 95.3 KS Atwood, //88.9, 99.3, 90.7 0542 KVCX 101.5 SD Gregory, g HAD TO LEAVE FOR WORK above 0616 K219AJ 91.7 KS Goodland, //above 1105 KNSR 88.9 MN Collegeville, still in! 0621 KCAY 95.9 KS Russell, wx, ads KS #70 1115 KJAM 103.1 SD Madison, ID 0627 KODF 96.7 KS Larned, ID 1121 KBRX 102.9 NE O'Neill, local news 0630 KCKSt 95.3 KS Concordia 1125 KGRD 105.3 NE Orchard, g, o/u KZMC 1330 KCCY 96.9 CO Pueblo, not counted before 1129 KESD 88.3 SD Brookings, still in 1133 KBRB 92.7 NE Ainsworth, ID, NE #42 on 96.9! 1335 KKFM 98.1 CO Col. Spr. now counted before 1140 KKOT 93.5 NE Columbus, ID CO #124 1150 KMNE 90.3 NE Bassett, NE Public Radio on 98.1! //89.1 & 91.7 cont....

NOVEMBER 1993

8/30 tr 1620 KTPK 106.9 KS Topeka, in briefly fairly reg. at 375 mi. 1920 KMNE 90.3 NE Bassett, //91.7 90.3 WY? g, peaks north 1935 ? 9/6 ms & tr 0125 WBKR 92.5 KY Owensboro, ms, ID, KDHT off 0215 KCWC 88.1 WY Riverton, rare 0218 K224AD 92.7 CO Estes Park, KVOT trans. CO #125 0225 KWBI trans. 95.3 WY? peaks N, //91.1 0245 KBZA 107.9 CO Fort Collins, new cl noted 2325 ???? 101.7 WY? cl o/u KYCN-FM 0251 KCME trans. 88.1 CO Manitou Springs, //88.7, peaked sse, called station and they

9/10 ms 0207 WITS 92.3 IN Bloomington, "92.3 WITS" 9/23 tr 2245 K285BC 104.9 WY Larrame, //KOSI 101.1 2248 K280BM 103.9 WY Larrame, //KMJI 100.3 2252 KGFT 100.7 CO Pueblo, q,1st time noted 2300 K217BF 91.3 WY Wheatland, //KWBI 91.1 2301 K269AA 107.1 WY Larrame, //KVOD 99.5, WY#29 2309 K224AD 92.7 CO Estes Park,//KVOD 99.5 2311 KCMI 96.9 NE Terrytown, o/local KCCY 2317-2325 KWBI trans. on 96.7, 89.1, 95.3 2335 ???? 90.3 CO/WY also 9/4 g peaks nnw not //KWBI

they have no translators. This was an unspectacular Es season(despite new state NY and some double hop to southern FL)and a poor tr season with no long haul (KNSR MN at 680 mi. was best DX), but some good enhancement into adjoining states added a number of new stations. On the 17th Aug. I worked a station on 144 mHz in eastern SD. on the 21st of Aug. I worked stations in se KS, rw OK and sw MO on 144 mHz and 432 mHz. The Perseids shower of Aug. 10-14 was unremarkable and not as good as the past two years, quite average, really, despite the predictions of a major storm. I made 20 contacts on 144 and two on 222 mHz and used FM to time my transmissions by watching the LEDs on my Onkyo T-4087. When a burst was in progress I made a very quick call and usually got an answer.

I will call up KWBI and try to get a list of their translators which are growing like Topsy. Thanks to Doug Smith and Ralph Strobel for IDing some June-July Es. Ralph, the 89.9 Canyon City KTLF trans.(250 watts)you heard is K210BG. Pehaps tr will have one last fling, but we've already had snow and temps down to 23°. When the Aspen leaves fall

can winter be far behind? 73.

Hank Holbrook, 407 Arundel Rd., Fair Haven Cliffs, Dunkirk, MD 20754 Equipt.: 1990 Toyota AM/FM radio, standard auto whip.

106.7 WJNN Cape Mya, NJ, tr 4:25-4:41 AM, Aug. 31, CNN nx, 90 miles, "Cape May county's 1st and only news and all talk radio radio stn." Hurrican Emily coming up the coast. Received while parked in my driveway. (Holbrook, MD)

94.9 WXTK West Yarmouth, MA, tr, 4:59-5:20 AM, 400 miles., Aug. 31st, CNN news, local nx & wx, ads, STRONG!, "Cape Cod & the Islands #1 for news and talk." Received in my driveway. Fantastic reception on car radio (Holbrook, MD)

89.5 WHRV Norfolk, VA, tr, 8:01 to 8:25 AM, Sept. 1st, approx 140 mi., NPR nx, plus local regional news an announcements, wx, good at times, fighting WSCL MD and splash at times from WDCU DC 89.3. (Logged on way to work at American University in Washington, DC. Heard between Fair Haven & Andrews AFB when I lost them. Their sister station WHRO on 90.3 noted till about 8:40 AM. Both stations on same tower, but WHRO has by far the better signal here but don't have to contend with WSCL. (Holbrook, MD)

From Robert W. Welch, Jr.....This message to Southern FM DXer Gus Mancuso of Hyattsville, MD. I admit that it is more like a question in response to a question about a 90.9 he logged on Aug. 17 at 2300 from Jamestown, NY. The reason you cannot find a WCAT (FM) in your atlas from there is probably because there is a WCAT AM-FM on the air[700 AM, 99.9 FM] from Orange, MA with separate programming, by the the way. As for that 90.9 you did log from Jamestown, NY, I am sorry that I can not assist you with the call sign. My first issue of VUD arrived on the 5th of October.

1994 CONVENTION HOST WANTED!

WTFDA NEEDS A VOLUNTEER TO HOST THE 1994 CLUB SUMMER GETTOGETHER! IF YOU'D LIKE TO FILL THIS POSITION, DROP US A LINE BY DECEMBER 1st. A SHORT SIGNED NOTE FROM YOU WILL DO. ONLY SERIOUS, QUALIFIED BIDS FROM MEMBERS CAN BE CONSIDERED, AND IN THE EVENT MORE THAN ONE BID IS RECEIVED, A MEMBERSHIP VOTE MUST BE CONDUCTED TO DECIDE THE LOCATION. IF JUST ONE OFFER IS RECEIVED BY DEADLINE, THAT MEMBER AUTOMATICALLY BECOMES CONVENTION HOST. MEMBERS INTERESTED IN HOSTING THE CLUB'S 1994 CONVENTION SHOULD WRITE TO: WTFDA, ATTN: BOARD OF DIRECTORS, P.O. BOX 514, BUFFALO NY 14210-0514. BIDS MUST BE RECEIVED ONLY BY MAIL, PLEASE!

NORTHERN FM-DX

GREG CONIGLIO 5100 GLENWOOD DRIVE WILLIAMSVILLE, NEW YORK 14221 e-mail: conlalio@acsu.buffalo.edu

For DXers in: MA,NH,VT,CT,MA,RI,NY,PA,NJ,OH,MI,IN,IL,WI,MN,IA,NE,SD,ND,MT,WY,ID, WA,OR,AK,Canada NOVEMBER 1993 DEADLINE: The 5th LOG CUTOFF: 3 months from postmark The big news in this month's column has to be Hurricane Emily. Note there are several reports of some long haul paths opening up just before its landfall in the Outer Banks. Openings as nice as that from Andrew in some places (though certainly not here-it didn't really make it to my QTH this time). Let's hear from you!! BILL NOLLMAN - 35 NYE RD. - GLASTONBURY, CONNECTICUT 06033

(203) 633-2883, Equipment: Carver TX-11A, modified for wide/narrow/super narrow selectivity, Probe 9 in attic...car tuner: Pioneer KEH5656 Supertuner III.

| HINE | 1993 D | v | | | | | 15th Es o | | |
|-------|----------|--------|------|----------------------------------|------|---------|-------------|---------|---------|
| 12 Es | | Δ | | | | 1921 | WOKK | 97.1 | MS A |
| | | 0/5 | 1.4 | Shreveport | | 1922 | WDXX | 100.1 | AL S |
| | KALK | | | Winfield, K-Lake | 1350 | 1924 | WZBQ | 102.5 | AL J |
| | KUAR | | | Little Rock | 1160 | 1926 | WZMP | 95.1 | MS M |
| | | | | Ocala, Q-Lite | 1100 | 1931 | WALV | 95.3 | TN (|
| | | | | St.Petersburgh | | 1933 | WTVY | 95.5 | AL E |
| | | | | Crystal River | | 1935 | WJBT | 92.7 | FL (|
| | WLMS | | | Lecanto ID // WBVM | | 16 Es | | | |
| Tamp | | 00.0 | 1.5 | Lecamo ID // TTBT/M | | 2004 | KKIX | 103.9 | AR F |
| | WBLX | 92.9 | ΔΙ | Mobile, huge signal | | 2008 | KMMY | | |
| 1317 | it won't | | | | | | KLYR | | AR (|
| 1220 | WIKX | | | Punta Gorda, | | 2019 | KOYE | 94.9 | TX L |
| 1330 | Kix Cou | | | | | | TX Boro | | |
| 1220 | | | | Tampa, 95-YNF | | 2019 | unID | 93.9 | CO |
| | | | | Ft.Myers | | AC | OR statio | n, po | ssibly |
| | | | | Lakeland,813-886-849 | 2 | | years a | go! | |
| 1080 | WCIE | X 15.1 | I L | Lakelalla, 513-000-047. | | 2023 | KURB | 98.5 | AR L |
| | VALLANCE | 101.0 | 1.6 | New Orleans, Magic 1 | 02 | 2023 | KKMY | 104.5 | TX (|
| | | | | Port Royal, First station | | 2036 | KABF | | AR I |
| 1334 | | | | skip, MS, and Tropo!! | 775 | 2042 | KYKC | 100.1 | OK I |
| 1255 | | | | Tallahassee | 1010 | 2117 | unID | 99.7 | 5 |
| | WTNT | | | Tallahassee | 1010 | D. IDMO | 5 minut | es!!! (| Bill, c |
| | | | | New Orleans | 1270 | gettin | g 2-Es to | o Mor | iterre |
| | | | | LaPlace | 1270 | and h | neard ter | it. XH | JD 98 |
| | | | | Troy, Hot 105.7 | 12/0 | 18 Es | | | |
| | WLTS | | | | | 2005 | WAAC | 92.9 | GA \ |
| | | | | Panama City, Sunny 98 | 1.5 | | after the | e June | a 16th |
| | | | | Vicksburg, Z-106 | | 24 Es | | | |
| | | | | Bonifay | 1040 | 1745 | KGRC | 92.9 | MOH |
| | WOOF | | | | 1040 | | KIAI | | IA A |
| | | | | Tupelo, Am. Family R. | 1010 | 1756 | WOLX | 94.9 | WIE |
| | | | | Tuscaloosa, Power 93 | 1010 | bo | y you cou | uld fol | low th |
| | | | | Meridian, 97OKK | 1010 | 1905 | SKIP rel | urnec | bare |
| | | | | Houston, Sunny 93 | 1010 | 1 | WTUG, | | |
| | | | | Decatur Decatur | 940 | | WBOX | | |
| | | | | Fayette | 1000 | l'n | n kinda tir | ed of e | -skip, |
| | WTXT | | | Live Oak, Cool 98.1 | 990 | 2330 | WRSF | | |
| | | | | Memphis | 1050 | | in at lo | cal qu | ality! |
| | WZLQ | | | | 1010 | | WERX | | |
| | | 70.3 | 1413 | Tupelo | 1010 | | WGH | | 1 AV |
| 15 Es | | 040 | E1 | Tallahassee | | 2323 | WXCI | | |
| | | | | | 520 | | local W | | |
| | | | | Valdosta, C-93 Countr Lecanto | y . | 2359 | WRIU | | RI I |
| | | | | | 800 | | WAMC | with | rabbi |
| | | | | Parris Island | 1050 | | | | |
| | | | | Crystal River | 1000 | 1 8 | 00 | 3 8 | |
| | WMFQ | | | | 920 | | 99. | | W |
| | WAIA | | | St.Mary's | | | ,,, | | A A |
| 1715 | WKGL | 70.7 | FL | Jacksonville, Cool FM | 040 | | | | |

940

1921 WKLD 97.7 AL Oneonta

| | | 15th Es cont. | |
|-------|---|--|--------------------|
| | 1921 | WOKK 97.1 MS Meridian | |
| | 1922 | WDXX 100.1 AL Selma, Dixie 100 | |
| 50 | 1924 | WZBQ 102.5 AL Jasper, Z-102 | 960 |
| TOTAL | | WZMP 95.1 MS Marion, Z95 | 1100 |
| 50 | 1931 | WALV 95.3 TN Cleveland, Alive 95 | 810 |
| | | WTVY 95.5 AL Dothan | |
| | | WJBT 92.7 FL Green Cove Springs | 970 |
| | 16 Es | | |
| | | KKIX 103.9 AR Fayetteville, Kix 104 | 1225 |
| | | KMMY 97.1 OK Muskogee, Y97 | 1300 |
| | | KLYR 92.7 AR Clarksville | 1200 |
| | | KOYE 94.9 TX Laredo !!!! TX about | |
| | 2017 | TX Border patrol!!! | 1800 |
| | 2019 | unID 93.9 CO Colorado Springs, v | |
| | | OR station, possibly KILO!! Had it a fev | |
| | AC | years ago! | 79 |
| | 2022 | KURB 98.5 AR Little Rock, B 98.5 | |
| | 2023 | KKMY 104.5 TX Orange | 1440 |
| | 2023 | KABF 88.3 AR Little Rock | 1440 |
| | | | 1370 |
| 75 | | KYKC 100.1 OK Byng unID 99.7 Spanish in and out f | |
| 10 | 2117 | | |
| | | 5 minutes!!! (Bill, at that exact time I w | |
| 70 | | g 2-Es to Monterrey, Mexico! IDed XH | |
| 70 | (The last of the | eard tent. XHJD 98.9 & XHSP 99.7!! -go | -) |
| | 18 Es | | and the way of the |
| | 2005 | WAAC 92.9 GA Valsota, big dissapp | ointmit |
| | | after the June 16th opening | |
| | 24 Es | | 1000 |
| 40 | | KGRC 92.9MO Hannibal | 1000 |
| | | KIAI 93.9 IA Mason City, The Mo | |
| 10 | 1756 | WOLX 94.9 WI Baraboo | 900 |
| 10 | bo | y you could follow that skip right up the m | idwest!!! |
| 10 | 1905 | SKIP returned barely with 92.9 showin | g WIKX |
| | research | WTUG, WMFQ, and | |
| 40 | | WBOX 92.9 LA Varnado, B-92 | 1225 |
| 00 | | kinda tired of e-skip, how bout some trop, wh | |
| 90 | 2330 | WRSF 105.7 NC Columbia, Dixie 105 | ./ |
| 50 | | in at local quality! | 500 |
| 10 | 2355 | WERX 102.5 NC Edenton, Rock 102.5 | 500 |
| | | WGH 97.3 VA Newport News | 370 |
| | 2323 | WXCI 91.7 CT Danbury, phased ou | it semi |
| | | local WHUS Storrs with rabbit ears | |
| | 2359 | WRIU 90.3 RI Kingston, phased ou | |
| 00 | | WAMC with rabbit ears | 66 |
| | | | |
| 50 | 1 | | |

BILL NOLLMAN's report continues.

| | . open. commeco. |
|--|---|
| JULY 1993 DX | 15 Tr 1900 WTTH 96.1 NJ Margate City,The Touch 170 |
| 3 Es | 30 Hurricane Emily Tropo!! |
| 1731 WUCF 89.9 FL Orlando 1050 | NOTE: DC/Baltimore is rarer than Coastal NC/VA! |
| 1732 WDIZ 100.3 FL Orlando 1050 | 2128 WHTE 103.7 NC Williamston 450 |
| 1741 WNFB 94.3 FL Lake City, B-94 990 | 2130 WSFL 106.5 NC New Bern 500 |
| 1746 WVOH 93.5 GA Hazelhurst 860 | 2131 WIKS 101 ONE Now Page King 102 |
| 1748 WDOG 93.5 SC Allendale, MONO/sat. 760 | 2225 WKYS 93.9 DC Washington 290 |
| 1749 WMTM 93.9 GA Moultrie 950 | 2232 WKRE 107.5 VA Exmore, Lite 106 & 107 |
| 1751 WJXR 92.1 FL Maccleny 970 | 2244 WFXK 104.3 NC Tarboro, Foxy 107.1 |
| 1753 WFLZ 93.3 FL Tampa, Power Pig | and 104.3 470 |
| 1800 WCFB 94.5 FL Daytona Beach | 2249 WKTC 96.9 NC Goldsboro, KT Country |
| B 94.5 Country 990 | 5002300 WBAU90.3 NY Garden City |
| 5 Es & Tr | 90 |
| First noticed e-skip about 1820 with WBLX and AOR | 2305 WSAV 98 5 NC Pocky Mount 470 |
| on 92.9, probably WZNS. Did manage to get one skip | 31 Why did I go to sleep??????? |
| ID before fadeout at 1900 | Why did I go to work??????? |
| 1830 WWNO 89.9 FL New Orleans 1270 | 0650 WGMS103.5 DC Washington 290 |
| Trop might have killed any chance of more e-skip, as | 0651 WASH 97.1 DC Washington |
| t got pretty strong around 1830, typical NY, Philly, NJ, | 0651 WRQX 107.3 DC Washington, Mix 107.3 |
| and Coastal Virginia. However one amazing ID was | 0654 WZNS 92.9 SC Dillon, Rock 92.9, |
| receivedHere in Hartford 98.9 is the local spur | solid signal!!!!!! 610 |
| frequency with 95.7 and 92.5 or 93.7 almost entirely | 0724 WXCY 103.7MD Havre de Grace 225 |
| destroying the freq. or anything but a semi-local | 0726 WRVL 88.3 VA Lynchburg 440 |
| signal. BUT somehow WUSL in Philly must have | 0729 WRTI 90.1 PA Philadelphia, Jazz FM |
| provided just enough quieting to let through a 750 watt, 663 foot station: | 0731 WVLT 92.1 NJ Vineland |
| 1840 WKHJ 98.9MD Mtn. Lake Park, heard was | 0735 WFDU 89.1 NJ Teaneck 100 |
| a swap shop, business on Rte. 3 in Pekin, and | 0738 WPOC 93.1 MD Baltimore 260 |
| | 0740 WFLS 93.3 VA Fredericksburg 350 |
| phone numbers!!! (Nice catch!-gc) 360 | 0742 WKHK 95.3 VA Colonial Hts. K95 |
| MUF refused to budge above ch2, so I said #\$&# it</td><td>0755 WWDC101.1 DC Washington, DC101 290</td></tr><tr><td>'m going outheard this in the car trying to hear</td><td>0756 WMZQ 98.7 DC Washington</td></tr><tr><td>Q105 WQGN in Groton, Ct.</td><td>0758 WXYV 102.7MD Baltimore, V103 260</td></tr><tr><td>930 KXDX 105.5 AR Stuggart, Dux 106 1140</td><td>0803 WVRT 104.3MD Baltimore, Variety 104.3</td></tr><tr><td>-skip also noted briefly on July 13, 25, 29.</td><td>0804 WIYY 97.9 MD Baltimore 260</td></tr><tr><td>AUGUST 1993 DX</td><td>0808 WRCY 107.7 VA Warrenton, Thunder 107</td></tr><tr><td>1 Huge Tropo #1</td><td>ph# 800-666-1077 340</td></tr><tr><td>130 WIKS 101.9 NC New Bern, Kiss 102 500</td><td>0813 WRFX 99.7 NC Kannapolis, Billy Big</td></tr><tr><td>144 WRCZ 101.7 MA Pittsfield, Z 101.7 70</td><td>Morning Show, The Fox, not new 630</td></tr><tr><td>139 WPLY 100.3 PA Media, Y 100 o/NYC</td><td>Stns heard in car and at work (yep, they let me put up a dipole)</td></tr><tr><td>140 WBEB 101.1 PA Philadelphia, B 101.1 o/NYC</td><td>0845 WVGO106.5 VA Richmond, not new 360 also heard WRQX and WRNS at work!</td></tr><tr><td>155 WRNS 95.1 NC Kinston 500</td><td>SEPTEMBER 12, 1993 TrS</td></tr><tr><td>212 WKQT 103.3 NC Newport, Classy 103.3 500</td><td>1523 WXLE 104.5 NY Mechanicsville, XL104.5 90</td></tr><tr><td>244 WRSF 105.7 NC Columbia, Dixie 105.7</td><td>1640 WRAV 94.5 NY Ravena, Mix 94.5 80</td></tr><tr><td>246 WDLX 93.3 NC Washington</td><td>71.5 TH ROYONG, THIX 74.5</td></tr><tr><td>300 WOEL 89.9MD Elkton 215</td><td></td></tr><tr><td>830 WESR 103.3 VA Olney</td><td></td></tr><tr><td>hanks to huge tropo, no Perseids noted on Aug. 11</td><td>A A A A A A A A A A A A A A A A A A A</td></tr><tr><td>100 WTKF 107.3 NC Atlantic, MONO 500</td><td>98.7FM 1390AM</td></tr><tr><td>ti!, It's been quite awhile since I've last reported a</td><td>nd I just couldn't let this great DX from the summer</td></tr></tbody></table> | |

of 1993 go un-reported. Wasn't able to make the WTFDA convention in Tennessee this year due to a shortage of vacation days (will get 3 weeks next yea - since I've spent 5 years with present company) so should be able to get time off next year, one way or another...anyway there was a mini-FM DX convnetion here in CT Labor Day Weekend, the NRC Convention came to Enfield, CT and enjoyable DX stories, food, pictures, etc were shared with George Greene, Paul Mount, Bob Smolarek, Mike Bugaj, Frank Merrill, Joe Fela, Laura McCusker, and Leo Gluk, and Greg Coniglio. Highlites of this summer's DX were Laredo, TX by single hop!! And of course the great hurricane trop, also my first "triple play", hearing WHTK in Port Royal, SC via Es, Tr, and MS!! Totals now at 628, up from 552, likely my best summer by the numbers yet., tho still a real lack of early and Northern DX which hasn't really been seen in a looocooooong time..... so long for now!

DIGUICALLICON DED #1 DOV 2151 CHADLECTON MAINE 04422

| RICH GALLISON - RFD #1 - BOX 2 | 151 - CHARLESTON, MAINE 04422 |
|--|--|
| APRIL 21, 1993 MS | 5 Es |
| 1255 WGCO 98.3 GA Jesup, "The Great Georgia | 2256 WXPR 91.7 WI Rhinelander, calls, \$ |
| Coast, 98.3" | 2258 KQRS 92.5 MN Golden Valley, KQ-92, \$ |
| AUGUST 1993 DX | 1T 6 |
| 3 Es. GW | 2300 CJMO 103.1 MB Moncton, rock, calls, \$ |
| 2011 WKYQ 93.3 KY Paducah, k, calls, \$ | 31 GW |
| 2020 WMSJ 91.9 ME Harpswell, Christian, "Maine's | 2300 WSNV 103.9 ME Howland, calls, ezl, gag!, \$ |
| Sound of Joy", WMEB on summer vacation, \$ | |
| | I . |

Greetings fellow DX hounds! I haven't reported since February, but from looking at logs reported in the summer's VUD, it hasn't been a fruitless season. Could be a lot better here in Central Maine! Between chasing trout and tracking down relatives in graveyards, I haven't done a lot of DXing. I also moved in May, a half mile down the road, down in a Maine hollow with worse reception. Watched the Perseids instead of listening to them. Plus a new local on 103.9, \$WSNV, Sunny 103.9, identifying as Howland-Bangor. Looking for a QTH site on a big hill to build on, so I can use that horizontal 75 foot tower! Good luck Es P.S. Congrats Bill on the extra!! best DX, 73 Rich

MIKE CHERRY (VE7SKA) - BOX 631 -GANGES, BRITISH COLUMBIA VOS 1E0 EQUIPMENT: Sansui SX-1070 receiver, Toshiba SA-500 Analog tuner, Mobile: Toyota stereo FM with

180, 150 khZ IFs, ANTENNAS: Channel Master

| | | | ment log periodic @ 25' A | AGL |
|------|-------------|-------------|----------------------------|-----|
| yet. | = m | obile logg | ing | |
| APRI | L 22. | 1993 DX | | |
| 0557 | | | Salt Lake, "continues on | |
| | KUER | your static | on for", prev Es | 79 |
| MAY | 1993 | DX | | |
| 16 E | S | | | |
| | | | Brookings, ID, c\$ | |
| 1815 | KKCK | 99.7MN | Marshall, ads\$ | |
| 1818 | KUSD | 89.7 SD | Vermillion,SD pub. affairs | 129 |
| 1823 | KTFG | 102.9 IA | Sioux Rapids, rlg. calls | |
| 1827 | KRSW | 91.7MN | Pipestone, concert, ID | |
| 1832 | KQRN | 107.3 SD | Mitchell, wx, ads\$ | 129 |
| 31 E | S | | | |
| | | | Dickinson, promo\$ | 96 |
| 0848 | KOLY | 99.5 SD | Mobridge, Icl ads, wx | |
| | E 1993 | | | |
| | | aimo, BC | | |
| | | | Spokane, Morn. Ed, \$ | 32 |
| | | | Cœur D'Alene, k,Country | |
| 0739 | KMBI | 107.9WA | Spokane, religion | 32 |
| 20 N | | | | |
| | | | Phoenix, "appearing for | |
| | | | are gospel church in Ashl | and |
| | 1993 | DX | | |
| 17 E | S | | | |
| | | | Barstow, r, calls, ads\$ | |
| | | | Indio, r, ads\$ | |
| | | | Apple Valley, rk, low pow | |
| | | | La Quinta, rm, wx promos | s\$ |
| 1543 | KUBO | | Calexico, e, ID | |
| 1547 | KEZN | | Palm Desert, b, EZ103 \$ | |
| 1548 | KPSI | | Palm Springs, p,modem | |
| 1549 | KDES | | Palm Springs, best oldies | 1 |
| 1551 | KRCQ | 102.3 CA | wx, sports, promo | |
| | | | | |

1553 KWST 94.5 CA Brawley, k, K-West, \$

1555 XEWV 106.7 BC Mexicali, lk, rancheras, \$

1556 KXO 107.5 CA El Centro, nx, w/local mention

HORTHERN FM DX

| | 1557 | XHBA 104.1 BC Mexicali, S U.S. a/c n | ix, ID\$ |
|-----|---------|---|--------------------------|
| | 1559 | XHSOL 89.9 BC Mexicali, legal ID, \$ | |
| | | XHJC 91.5 BC Mexicall, modern rock | |
| 95 | | XHVG 103.3 BC Mexicali, U.S. CHR, I | |
| | 1602 | XHMC 104.9 BC Mexicali, weak, over s | emi-loc. |
| | | CKSR, legal ID | |
| | | KSIQ 96.1 CA Brawley, Q-96, r\$ | |
| 91 | | KUBO 88.7 CA Calexico, S news or p | ub. affs |
| 91 | | UST 1993 DX | |
| | 11 M | | and the same of the same |
| 91 | 1359 | KCWC 88.1WY Riverton, prev Es, 18 | second |
| 31 | | burst with legal ID. | |
| 64 | | u-E = Campbell River, BC | 1 |
| 04 | | CKLU 103.1 MB Winnipeg, ads, soft hi | 15 |
| | | CKX 96.1 MB Brandon, r\$, ID | |
| | | TMEBER 1993 DX | |
| 20 | | = Sidney, BC | iv oro |
| 3\$ | 0629 | KAOS 89.3WA Olympia, p, eclectic m sign on of local KUGS | iix, pie |
| 20 | 0720 | KHPE 107.9 OR Albany, g\$ | 340 |
| | | KMHD 89.1 OR Gresham, jazz\$ | 290 |
| | 0739 | KWJJ 99.5 OR Portland, k, wx, traffic | |
| ď | 0747 | KOAP 91.5 OR Portland, Mom. Edition | n 290 |
| | 11/1/4/ | NOAF 31.3 OF FORMAND, MOHIL LUNG | 230 |

area. August 16 while on vacation heard heavy Auscatter "buzz" for 2 hours before brief Au-E opening.

73's MIKE



DAVE NIEMAN - 12284 NICE ROAD - AKRON NEW YORK 14001-9529

Equipment, Carver TX-11a tuner, Channel Master model 4408 (Stereo Probe 9) at 36 feet AGL on a crank up tower, (826 feet ASL). Alliance HD-73 rotor and Jerrold CAC-11 coax.

| New loggings | are un | derli | ned. New call {KKKK}. N | ew pr | opagation mod | e <u>WWW</u> W | | |
|----------------|--------|-------|----------------------------|-------|-----------------|----------------|------------------------------|---------|
| AUGUST 1993 | DX | | | | SEPTEMBER | 1993 DX | | |
| 1 Meteorscatte | or Te | | | | 12 tropo | | | |
| 0901 WYMX | 99.1 | MS | Greenwood, ID, r\$ | 910 | 2334 CICK | 105.9 ON | Orillia, "Kix-106", k\$ | 141 |
| 1041 KFUO | 99.1 | MO | Clayton, "Classic-99", \$ | 687 | 13 tropo & Gro | oundwave | | |
| 16 Meteorscatt | ter | | | | 0003 CBLU | 94.3 ON | Huntsville, JAZZ BEAT | |
| 1433 WQIK | 99.1 | FL | Jacksonville, call, \$ | 891 | - | on (| CBC radio, j mono | 164 |
| 19 tropo | | | | | 0024 CIQM | | London, "Q-97.5-FM"+ | |
| 1411 WYSZ | 89.3 | OH | Maumee, "Yes-FM" | | | call | . rm\$, ex 103.1 | 142 |
| | | Tole | edo area weather, gr\$ | 279 | 0800 WYNQ | 93.3 NY | Avon, ID, nt\$ | 44 |
| 21 tropo | | | | | 27 tropo | | | |
| 0810 WGLQ | 97.1 | MI | Escanaba, "Magic FM", rm\$ | 468 | 0719 CKDK | 103.9 ON | Woodstock, "K-102"?, cal | I heard |
| 1114 WOFM | 94.7 | WI | Mosinee, call, o\$ | 586 | Section Control | | e new "K-104", rm\$, // 102. | |
| 1240 WIFC | 95.5 | WI | Wausau call r\$ | 571 | | | 15 CM 7 = | |

Got behind in my DX reporting and missed the October "NORTHERN FM" column deadline for August DX. In September, there has been some changes in southern Ontario radio. CBCO 105.9 Orillia is now on 91.5 and is covered by WXXI Rochester now, 105.9 has been taken over by CICK Orillia which will replace CFOR-AM 1570 Orillia. CIQM 103.1 London has moved to 97.5 and puts in a fair signal at Akron now. CKDK 102.3 Woodstock is also operating on 103.9 pending a move to that frequency; they also put in a fair signal at Akron now. Dave

DAVE NIEMAN - HO STA GEH ROAD - ROCK CITY NEW YORK

Equipment: Carver TX-11 tuner IF filter modified. Channel Master model 4408 (Stereo Probe 9) at 25 feet AGL (2415 feet ASL). Winegard FT-7800 variable FM trap for 95.7MHz, Belden RG-8 coax and Radio Shack rotor. New loggings are underlined. New call {KKKK}. New propagation mode WWWW

| AUGUST 199 | | | | AUGUST 29, | 1993 tropo continued | |
|------------------------------|----------|-------------------------------|------|-------------|-------------------------------------|---------|
| 15 troposcatte | | | | 0646 WXYV | 102.7 MD Baltimore, call, \$ | 203 |
| 1351 <u>WDHA</u> | 105.5 NJ | Dover, ID, rp\$ | 220 | 0757 CFRU | 93.3 ON Guelph, call, s\$ | 141 |
| 1451 WSPK | 104.7 NY | Poughkeepsie, Icl ads, \$ | 236 | | over semi-local WWSE Jamestown | |
| 1748 WKCY | 104.3 VA | | 252 | SEPTEMBER | | |
| 22 tropo | | - | | 5 tropo | | |
| 0918 WEZF | 92.9 VT | Burlington, call, rm\$ | 333 | 0932 (WINK) | 106.1 NY Corning, "Wink-106"+ | |
| | ove | r semi-local WBUF Buffalo I | YY | | call, still rm\$, ex WZKZ | 74 |
| 0922 WMAS | 94.7 MA | Springfield, call, r\$ | 300 | 1031 WFRB | 105.3 MD Frostburg, call, k\$ | 163 |
| 0937 WOUR | | Utica, call, rp\$ | 184 | | over semi-local WKPQ Homell NY | 100 |
| | ove | r semi-local WGRF Buffalo I | NY | 1106 WNNK | 104.1 PA Harrisburg, "Wink-104" r | 5 141 |
| 0949 WYCR | 98.5 PA | York, call, r\$ | 169 | | over semi-local WHTT Buffalo NY | 1.77 |
| | over sem | i-local WKSE Niagara Falls | NY | 18 tropo | and definitional trivial control in | |
| 1006 WNTK | 99,7 NH | New London, call, nt | 350 | 0330 WTOF | 98.1 OH Canton, call, g\$ | 165 |
| 1012 CIRO | | St. Georges-de-Beauce. | | 0818 CICK | 105.9 ON Orillia, "Kix-106-FM", k\$ | 205 |
| | | call, k\$, French | 479 | 0824 CBCO | 91.5 ON Orillia, FRESH AIR on C | |
| 1040 WZRT | 97.1 VT | Rutland, "Z-97", Icl ads, r\$ | 306 | | radio, ct mono, ex 105.9 | 205 |
| 1108 WEQX | 102.7 VT | Manchester, call, rp\$ | | 0836 CIQM | 97.5 ON London, "Q-97.5-FM" | 200 |
| 1200 CHYR | | Learnington, call, k\$ | 213 | | rm\$, ex 103.1 | 160 |
| 10:003: 000000 .0 | | i-local WFRM Coudersport I | | 1 | over semi-local WKYN St. Marys P | |
| 27 tropo & sca | | | 0.00 | 0906 WZIP | 88.1 OH Akron, ID. e\$ | 176 |
| 1100 WJSM | 92.7 PA | Martinsburg, ID, g mono | 119 | | SATURDAY MORNING POKES | |
| 2213 WZOS | | Oswego, "Z-96.7" r\$ | | 0936 W??? | 90.1 OH Youngstown, NPR \$ | |
| | | RM Coudersport PA off | 1.40 | 0000 44111 | mention WKSU Kent Ohio, a new sa | A-103-0 |
| 2216 CBCD | | Pembroke, CBC radio | | 0944 WKST | 92.1 PA Ellwood City, "Star 92.1" | |
| | t mo | | 274 | | | |
| 28 tropo | 21116 | | 214 | 25 tropo | call, rm\$ | 123 |
| 0941 CJQM | 104 3 ON | Sault Ste Marie, "Q-104" | | 1028 CKDK | 103 0 ON W | |
| SO TI COUNT | | l ads. k\$ | 429 | 1020 CKDK | 103.9 ON Woodstock, "K-104"+call | |
| 29 tropo | loca | i due, no | 429 | | rm\$, //102.3 for now | 137 |
| 0624 (WBIG) | 100 2 DC | \A/aablaabaa aatt af | 200 | 4400140010 | over semi-local WLMI Kane PA | - |
| COST (AADIO) | | Washington, call, o\$ VJZE | 225 | 1100 WYNQ | 93.3 NY Avon, ID, nt\$ | 74 |
| | ex v | VJZE | | 1 | over semi-local WWSE Jamestown | NY |
| 12.00 | | | | | | |

Autumn's here and the leaves are starting to change color. There hasn't been any long haul tropo opening yet, just some fair morning tropo. Dave

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

Equipment: JVC JR-S201 receiver (IF mod w/3-110 filters), Magnum Dynalab Sleuth 205 amp, probe 9 fed with RG6 at 50 feet above ground level. Crown rotor. Distances are in kilometres.

AUGUST 1993 DX 30 GW

NORTHERN FM DX

0643 CIQM 97.5 ON London, m, Q-97.5, ex 103.1 "We are not even up to full power yet, we're just doing a little experiment"

SEPTEMBER 1993 DX

0719 WJPA 95.3 PA Washington, "The new sound of oldies, 95.3 FM, 1450 WJPA", CJXY on low power 328

0827 WFGO 94.7 PA Erie, Froggy 94.7, "You're listening to Erie's all new Oldies station, Froggy 94.7, the call letters of this station are WFGO"

0700 WLMI 103.9 PA Kane, "America's Best-WLMI Kane*

0815 WJZR 105.9 NY Rochester, North Coast

0700 {CICX} 105.9 ON Orillia, "The new Kix, all the way south to Toronto as a caller from Brantford let us know" (I wonder who that was, hi-gc)

0553 WKHQ 105.9 MI Charlevoix,56' in Travis City 466 19 Tr/GW

0757 {WBBS} 104.7 NY Fulton, "WBBS FM Fulton-

Syracuse, today's hot new country, B104.7" exWKFM 314 0811 WXKC 99.9 PA Erie, Amer. Gold, o/CKFM 111 0818 WSHH 99.7 PA Pittsburgh, Wish 99.7 FM 299

0853 WAAL 99.1 NY Binghamton, "99 point 1 WAAL, the total Rock & Roll Experience" 375

0900 WEEL 95.7 OH Shadyside, o, "95.7 Wheel FM W-E-E-L Shadyside"

22 GW

0640 CKDK 103.9 ON Woodstock, rm, K104 "Testing on 103.9 Megahertz, if you have any questions or comments please call us at Woodstock, Ont. at (519) 539-1040 38

ALAN R. MILLMAKER - 2714 LAKE ROAD - CENTRALIA, ILLINOIS 62801

(KA9GUL) Equipment: Lafayette 303 receiver, antenna is Winegard CH6065 up 30 feet, with RG6 coax. Rotor: Radio Shack Archer II, no amplifier

201

218

AUGUST 1993 DX

(Antenna still up only 20 feet)

2320 WNKX 96.7 TN Centerville, "New Kick Country 96"

7 Tr

0300 WCUS 96.7 IL Virden (oldies from 50s and 60s) (Alan, note the correct city of license-gc)

8 Tr

2140 KIRK 103.7 MO Lebanon, now country, was rock according to Atlas

11 Tr

0627 KLPW 101.7 MO Union, K-101.7

0706 KWWR 95.7 MO Mexico, Country 96

0739 WUZR 105.7 IN Bicknell, Hoosier 105.7

1143 KELE 106.7 MO Mt. Vernon, K-Lite slogan 1146 KEZA 107.9 AR Fayetteville, Magic 107.9

17 Tr

(Antenna now up 30 ft, with RG-6 coax)

1154 KJFM 102.1 MO Louisiana

1207 WBBA 97.5 IL Pittsfield, NOTE #1

1400 WGEM 105.1 IL Quincy

1412 WXFM 99.3 IL Mount Zion

1500 WTLC 105.7 IN Indianapolis, over KPNT

1611 WTTS 92.3 IN Bloomington, over WIL

1755 KDEX 102.3 MO Dexter

1856 WIEO 102,7 IL Macomb, first station

here on frequency 2132 WOLZ 92.7 IL Taylorsville

2200 WBGW101.5 IN FortBranch, religion o/WCIL

2213 KEEY 102.1 MN St.Paul, K102 heard with country, and antenna north

2311 WBNQ 101.5 IL Bloomington, o/WCIL

18 Tr

0201 WHQQ 92.1 IL Charleston, first one here on this frequency

0223 WXLP 96.9 IL Moline, 97X heard

1931 WYLL 106.7 IL DesPlaines

2132 WLEZ 102.7 IN Terre Haute, EZL music

1448 WGFA 94.1 IL Watseka, WMIX off

1639 WWKI 100.5 IN Kokomo

20 Tr

0149 KMXG 96.1 IA Clinton, Mix 96 heard, antenna north (note call change, Alan-gc)

0203 WLTM 96.1 IL Rantoul, Eagle 96.1 heard

0210 WZRO 98.3 IL Farmer City

0216 WHZT 105.9 IL Mahomet, Z-Rock 0248 WAJT 99.3 IL LaSalle

0546 KICK 97.9 MO Palmyra

1035 WEAI 107.1 IL Jacksonville, The Eagle

22 Tr

0120 WSM 95.5 TN Nashville

0133 WWEZ 97.5 TN Trenton, EZ 97.5 heard

2032 WKOT 96.5 IL Marseilles, Oldies 96.5 2110 WBBM 96.3 IL Chicago, B-96

2152 KFAV 99.9 MO Warrenton, V-100

MORE EXCITING DX TO COME- TURNE THE PAGE!

ALAN MILLMAKER's report continues.

SEPTEMBER 1993 DX

6 Tr

0900 WYDS 93.1 IL Decatur, D-93

2216 WHIC 94.3 KY Hardinsburg, Powrhouse 94.3

0106 WYKL, 98.1 TN Millington

0119 KIMS 101.1 TN Memphis, 101 Jams 18 Tr

2002 WAAG 94.9 IL Galesburg, FM 95

2100 KCMO 94.9 MO Kansas City, with oldies

2149 KQRC 98.9 KS Leavenworth, The Rock, call 2337 WZBQ 102.5 AL Jasper, Z-102 over KEZK

Sept. 19 Tr

0100 WZZL 106.7 KY Reidland, country

0109 WSYE 93.3 MS Tupelo, Sunny 93 heard

0146 WXLT 95.1 IL Carterville, Lite Mix 95

0223 KTPK 106.9 KS Topeka, heard promo with call 0300 WCAZ 92.1 IL Carthage, oldies

0358 KWKZ 106.1 MO Charleston, KZ-106, country 0536 WXBQ 96.9 TN Bristol, (WXBQ&WCYBID)

0600 WWBL 106.5 IN Washington, The Bullet

My total is now at 251. 73's

RICK SHAFTAN - 39 OLD MIDDLETOWN ROAD - ROCKAWAY, NEW JERSEY 07866

(201) 586-3563, Equipment: REALISTIC STA-2280 with 7 110 khz filters (see McVey article, Nov. 1990), CHANNEL MASTER 20 ELEMENT TV 45' AGL. PHASED with FM-13, and WINEGARD AP-3800 amp (32.9 db gain, 3.2 db noise figure), 30' AGL phased thru a capacitor in a box and the Bolin Phase Box. (IN CAR: KENWOOD KRC-430 with 2 110 khz filters). All times approximate.

JULY 1993 DX

3 Es

1600 KEOM 88.5 TX Mesquite, lame // Joe Fela

1830 KILS 92.7 KS Minneapolis, ID

1840 KYEZ 93.7 KS Salina, "KY-94, the station North Central Kansas always counts on"

1845 KCMO 94.9 MO Kansas City, Oldies 95

1850 KJNA 99.3 LA Jena, ID // Bill N.

1853 KRVV 100.1 LA Bastrop, 100 FM The River

1855 KLTH 99.7 MO Kansas City, local ments.

1857 KROA 95.7 NE Grand Island, religion

1859 KKPR 98.9 NE Kearney, ID

4 TrS

0032 WZXV 99.7 NY Palmyra, religion, ID

1502 KOMA 92.5 KS Phillipsburg, "Smith County Fair" ment Phillipsburg

1507 KROA 95.7 NE Grand Island, hog prices

1813 WYRO 92.1 MN Little Falls, ID

1840 KLOZ 92.7 MO Eldon, ad for Toledo at Horseshoe Bay & 5th Seasons Lounge, Hwy 50W

1851 KSD 93.7 MO St.Louis, "Classic Rock on 93.7 KSD"

1914 WOTB 100.3 RI Middltown, Muzak/Jazz and "100.3 Kool FM"

2100 WNTK 99.7 NH Lebanon, "Talk Radio WNTK", this one is in quite often

11 TrS

0050 WAOX 95.7 NY Manlius, 95X the best classic rock.

0053 WYYY 94.5 NY Syracuse, Y94 the best mix

0140 WFRG 96.1 NY Rome, 96 Frog, WWF ad

1432 WRTY 91.1 PA Jackson Twp, ID as WRTI This has taken years to get even though I can get it in the car less than 2 miles away.

AUGUST 1993 DX

1 TrS

2000 WWWD 97.7 PA Jersey Shore "3-WD Williamsport"

AUG. 11 Tr

0240 WXGL 93.9 ME Lewiston, "Eagle 94 with the Eagle Eye forecast foe Central ME", WNYC off, wow.

12 Tr 0028 {WKOE}106.3 NJ Ocean Cty. Country 106.3

14 TrS 2140 (WSPI) 99.7 PA Shamokin, Spy 99.7 Lite FM 16 MS

1258 KFMH 99.7 IA Muscatine, "99 Plus KFMH" Nothing during the Perseids though.

1959 WOEZ 100.9 PA Milton, classical, ID

23 TrS

2245 WCDO 100.9 NY Sidney, Mets post game and ad for Burger King, Main Dr. in Sidney

0919 WYCY 105.3 PA Hawley, Y105, new pest 0952 WCDO 100.9 NY Sidney, wx for Sidney

1038 WXLE 104.5 NY Mechanicsville, ad for

Schenectady area college (Rich, note calls-gc)

1100 WKZE 98.1 CT Salisbury, classical

30 Emily Induced Tr

2059 WNCT 107.9 NC Greenville, ID, good to know I can still get them with WPMR on the air

2200 WFXK 104.3 NC Tarboro, lame ID o/WNCN

2206 WEXT 103.3 NC Newport, Hurricane warnings 2221 WFCC 107.5 MA Chatham, classical thru WBLS

2309 WWLI 105.1 RI Providence, Lite105o/WMXV

2314 WBXB 100.1 NC Edenton, black gospel 2346 WASH 97.1 DC Washington, lame u/WOHT

2350 WPGC 95.5 MD Morningside, ID theu WPLJ 31 Tr

0041 WIOV 105.1 PA Ephrata, Country 105

0126 WCUL 103.1 VA Culpepper, C-103, town is pronounced Cull-pepper.

0157 WVES 99.3 VA Accomac, "Hot Country Favorites" and Hurricane Forecast

Wait! There's Still More Hurricane DX!

RICH SHAFTAN's report continues...

August 31st Emily Related Tr continues.

0210 WWOC 94.3 NJ Avalon, classical 0227 WXEZ 94.1 VA Yorkton, Nice & Easy 94

0250 WPRO 92.3 RI Providence, thru WXRK 0350 WMJX 106.7 MA Boston, Magic 106.7o/WLTW

0423 WRCO 103.5 NC Dunn, calls, heavy metal thru WGMS which was through local WYNY (which is now Y-103.5) "103.5 WRCQ"

0425 WRAL 101.5 NC Raleigh, "USA Overnight" with lame, "Mix 101.5" ID. In next morning too, over semi local WKXW.

SEPT. 1st Tr

0224 WKHK 95.3 VA Colonial Hts, ID

We took a road trip out west this summer. Some of the better DX is as follows (all Tr/TrS). Estimated mileages are in parentheses.

1634 WBYR 98.9 OH Van Wert, received on US 30 Mile 59, Indiana, "The Bear" (100)

1358 WSMI 106.1 IL Litchfield, ad for Illinois

Will Kit, I-88, mile 13 as we reached flood zone (170)

7/16: 0918 CDT and on

Bandscan from Canistota SD going west on I-90

to Mitchell, South Dakota, and beyond

KICD 107.7 IA Spencer (110)

KQRN 107.3 SD Mitchell, Q-107 (30)

KEXL 106.7 NE Norfolk (100) KMIT 105.9 SD Mitchell (30)

KGRD 105.3 NE Orchard (70)

KKLS 104.7 SD Sioux Falls (30)

WNAX 104.1 SD Yankton (40) KUOO 103.9 IA Spirit Lake (100)

KRRO 103.7 SD Sioux Falls (30)

KJAM 103.1 SD Madison (40)

KBRX 102.9 NE O'Neill (50) KFRX 102.7 NE Lincoln (190)

KQIC 102.5 MN Willmar (110)

KZSD 102.5 SD Martin (170) KRNY 102.3 NE Kearney (210) Y-102

KKOO 102.3 SD Volga, Power 102 and ID w/ Brookings (50)

KTWB 101.9 SD Sioux Falls (30) KVCX 101.5 SD Gregory (80)

KLOL 101.1 MN Luverne (60)

KGBI 100.7 NE Omaha (165) KZEN 100.3 NE Central City (160)

KKCK 99.7 MN Marshall (80) 98.9 NE Kearney (210) KKPR

98.7 NE Sidney, oldies (275) KOKO 98.5 IA Council Bluffs (170)

KSEZ 97.9 IA Sioux City Z98 (90)

97.3 SD Sioux Falls (30) KDLO 96.9 SD Watertown (90)

KZKX 96.9 NE Seward (180) KNWC 96.5 SD Sioux Falls (30)

South Dakota DXpedition continued KINI 96.1 NE Crookston (14)

This station plays an eclectic mix of Tribal Music and 0240 WZZU 93.9 NC Burlington, ZZU, WNYC off Hank Williams Jr., among other things. It can be heard throughout most of SD and is run by an Indian Nation.

KKOK 95.7 MN Morris, c/w (100)

KGLI 95.5 IA Sioux City (90)

KOAA 94.9 SD Aberdeen (140)

KNEN 94.7 NE Norfolk (100) KPLO 94.5 SD Reliance (90)

94.1 SD Aberdeen (110)

93.9 IA Sioux Center (60) KTSB

93.7 SD Brookings (50) KBRK

KWMG 93.5 NE Columbus (130)

KKYA 93.1 SD Yankton (40) KGFX 92.7 SD Pierre (150)

KEZO 92.3 NE Omaha (165)

KOSD 91.9 SD Lowry (130) 91.7 NE North Platte (250)

KRNE 91.5 NE Merriman (185)

KRSU 91.3 MN Appleton (90) KTSD 91.1 SD Reliance (90)

90.9 SD Pierpoint (110) KDSD KMNE 90.3 NE Bassett (120)

90.1 SD Porcupine (185). If I KILI

remember correctly, this is an Indian station too (yep-gc)

KUSD 89.7 SD Vermillion (60)

KLNE 88.7 NE Lexington (220) 88.5 MN Rochester (250)

KFSI KESD 88.3 SD Brookings (50)

7/16

1217 KISD 107.7 IA Spencer, mi 281 on I-90 in South Dakota (190)

1352 KOKO 98.5 IA Council Bluffs, at mi. 206 on I-90 in SD (Rich, that is who this is-gc)

7/19 MS (in Emigrant MT)

KEMCt 88.5 MT Livingston KGLTt 88.5 MT Emigrant

KEMCt 91.1 MT Emigrant

KEMC 91.7 MT Billings KGLT 91.9 MT Bozeman

KYYA 93.3 MT Billings KBOZ 93.7 MT Bozeman

94.1 MT Butte KOPR KMMS 95.1 MT Bozeman

KOUY 95.5 MT Butte

96.1 ID Idaho Falls KSIF KGVW 96.7 MT Belgrade

KZLS 97.1 MT Billings KLCE 97.3 ID Blackfoot

KYBS 97.5 MT Livingston KGVWt 98.3 MT Big Sky

KIDX 98.5 MT Billings

KGVWt 99.3 MT Livingston

KBLL 99.5 MT Helena KZLO 99.9 MT Bozeman (The Fox)

KZMQ 100.3 WY Greybull, on TrS

RICH SHAFTAN's report continues...

Montana DXpedition cont.

KYBSt 100.9 MT Livingston KZMT 101.1 MT Helena KBOZt 101.7 MT Livingston KBOZt 101.7 MT Big Sky KBMC 102.1 MT Bozeman KCTR 102.9 MT Billings

KOHZ 103.7 MT Billings

KSIFt 103.9 WY Mammoth Hot Springs KHKR 104.1 MT E.Helena KEMCt 104.9 WY Mammoth Hot Springs KMTX 105.3 MT Helena KMTNt 105.5 WY Mammoth Hot Springs KBOZt 106.3 WY Mammoth Hot Springs

KCTRt 107.1 WY Mammoth Hot Springs

Great Hurricane trop. Lousy Es and MS season. The FM-13 works great with the other aerial for phasing. Next year's goal is two stacked FM-13's. Other notes from Montana: Stations not on the air: KROSt 97.7 in Broadus, MT; KAFM 99.5 Red Lodge, MT; KGVWt 96.3 Bozeman MN; KKMT 98.7 Ennis MT; KRGS 96.5 West Yellowstone MT. Stations notes as on the air...a 90.3 FM in Yellowstone Park with NPR and IDing as Wyoming Public Radio. A 92.7 NPR in Pocatello ID, a 90.7 FM with religion in Pocatello. This may be the 90.1 that is not on the air. Went down south from there. Generally, was able to receive TrS up to 200 miles, even in the desert. First NYC stations came in just north of Reading, PA.

DANIEL OETTING - 600 W. SCHUYKILL RD. - POTTSTOWN, PENNSYLVANIA 19464

AUGUST 1993 DX

3 Tr

1025 WSPK 104.7 NY Poughkeepsie, r, strong! 3 DXpedition to Bake Oven Knob, New Tripoli,PA with Steve West (15 miles WNW of Allentown)

1230 WUSR 99.5 PA Scranton

1230-1430 Lots of W. Pa. and Central NY relogs 11 Tr

0100 WPRO 92.3 RI Providence, r. ID

0115 WAAF 107.3 MA Worcester

0121 WWBB 101.5 RI Providence, o

0720 WKOI 92.7 NY Middletown, "KOJ", rp

0738 WRCZ 101.7 MA Pittfield, IDd w/WBRK

0745 WRWD 107.3 NY Highland 0805 WHYN 93.1 MA Springfield

0808 WRNQ 92.1 NY Poughkeepsie

AUGUST 13 Tr

0650 WLGL 92.3 PA Riverside, k, "Wiggle"

0730 WBPM 94.3 NY Kingston, B94, rs "dance mx"

0733 WRCZ 101.7 MA Pittsfield

31 Hurricane Tr

0620 WBOS 92.9 MA Brookline

0625 WSNE 93.3 MA Taunton

0630 WXTK 94.9 MA W.Yarmouth

0635 WTYD 100.9 CT New London 2300 WATD 95.9 MA Marshfield, ID, i

See ya, Dan O.



ERNEST COOPER - 5 ANTHONY ST. - PROVINCETOWN, MASS. 02657-1703

Equipment: NAD 7225 PE receiver, McIntosh MR-78 FM tuner, & a 9 element rotary beam rooftop antenna.

JUNE 1993 DX

0216 WJUX 103.1 NJ Franklin Lakes, r (listed on 88.7 - this must have been that 35 w. relay!

1232 WBMW 106.5 CT Ledyard, Mix 106.5 JULY 1993 DX

3 Tr

0202 CJMO 103.1 NB Moncton, r

0205 WXBB 105.3 ME Kittery, "Portsmouth's (NH) Hot Country" and "B-105"

0200 WBZO 103.1 NY Lake Shore, o. B-103

0209 WGTY 107.7 PA Gettysburg, k, "Serving Central Pennsylvania"

8 Tr

0158 WNTK 99.7 NH New London, end of Jim Bohannon show, all talk, ID @ 0200 mentions WNTK, WNTK-FM, and WNTX 100.5

July 8, 1993 Tr

0214 WHAI 98.3 MA Greenfield, talk show, Has ignored four reports, very friendly eh?

0239 WCOL 95.3 ME York Center, r. the AM is in Portsmouth, N.H.

1257 KCRB 88.5 MN Bemidji, mentioned thunderstorms, and underwriters names

9 Tr 0205 WKVT 92.7 VT Brattleboro, r, KVT

0200 WBRS 100.1 MA Waltham, s/off, 25 watts 19 Tr

0157 WPLJ 95.5 NY New York, talk show local (another non-verifier)

0246 WSHR 91.9 NY L.Ronkoncoma, b, with local WOMR off the air

0757 WJUX 103.1 NJ Franklin Lakes, in again with "Jukebox Radio", solid signal Ernest's report continues on the next page...

NORTHERN FM DX

ERNEST COOPER's report continues..

JULY 1993 DX

26 Tr

0211 WKSQ 94.5 ME Ellsworth, r, Kiss 94.5 WWMJ 95.7 ME Ellsworth, Oldies 95.7

30 Tr 0151 WXOD 98.7 NH Winchester, o AUGUST 1993 DX

2 Tr

0153 WXBB 105.3 ME Kittery, in again 23 Tr

0215 WFTN 94.1 NH Franklin, r, in then gone not enough to report

0210 CIRO 99.7 PQ Ste-Georges-de-Beauce in French, in/out with WNTK

0216 WMEW 91.3 ME Waterville, c // WMEA 90.1 and others

0156 WEQX 102.7 VT Manchester

0219 WZPK 103.7 NH Berlin, r

30 Tr

2121 WMXN 105.3 VA Norfolk, Mix 105.3

2130 WSCL 89.5MD Salisbury, c

2155 WMYA 96.1 VA Cape Charles, s ex WKSV

2214 WAFL 97.7 DE Milford, talk about oncoming Hurricane Emily, r, "Waffle" non ID

2228 WECY 98.3 DE Seaford, r

2324 WSJL 102.3 NJ Cape May

2338 CBAF 88.5 NB Moncton, talk show and BBC news at 2400.

31 Tr

1109 WFNN 98.7 NJ Villas, r, Fun 98.7

1134 WNNT 100.9 VA Warsaw, on Virginia Nx Net, news of Hurricane Emily

1323 WXJN 105.9 DE Lewes, Kix 106, k

SEPTEMBER 1993 DX

1 Tr

0159 WPBX 91.3 NY Southampton, ID 0203 WKYS 93.9 DC Washington, s, much

(c)rap music.

0219 WWDB 96.5 PA Philadelphia, talk 0250 WGMS 103.5 DC Washington, c

7 Tr

1056 WEDW 90.1 CT Stamford, c

WSHU 91.1 CT Fairfield, c

13 GW 0800 WILI 98.3 CT Willimantic, r, wx, etc.

14 Tr

0153 WFNN 98.7 NJ Cape May, in again 0215 WWHB 107.1 NY Hampton, relaying

WNEW 102.7 New York

Veries are "verie" slow - looks like many fups will be needed.



JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607-3832

Equipment: JVC auto radio, whip antenna, (716) 461-2717

SEPTEMBER 1993 DX

7 GW

1353 WYNO 93.3 NY Avon, new to air // 1030 AM Rats! (Has since gone EZ listening-gc)

1142 CIOM 97.5 ON London, new to air and asking for reception reports. Rats! (again!) 1151 WCRF 103.3 OH Cleveland, good thru WUFX

with "Mid-day connection" promo.

1625 CBOO 103.3 ON Ottawa, CBC stuff // 94.1 killing WUFX!

Sept. 21 Tr

1110 CBLU 94.3 ON Huntsville, // CBL 740 (Jim, I believe these are the calls-gc)

1411 CICX 105.9 ON Orillia, heard in Bergen, just 20 miles from Rochester, beating up WJZR. Is // to CFOR-1570, slogan is Kicks-FM. Was testing

23 Tr 1000 CJBC1 94.3 ON Belleville, // 860, still noted on 95.5 as well, rats, again.

WUFX was so weak on September 13 that I wonder if they were having technical problems that day? Or was this due to auroral conditions that were in effect that day? (Maybe, aurora has been know to really wipe out semi locals, only I am surprised it didn't wipe out all the TrS as well. Maybe the Fox was on low powerge. Yet another sad report, as five of my new six loggings are new to the air, and several more DXable frequencies are shot down. I assume that CIQM is about 100 kW, judging from the way it was crushing WCIZ. (They do sound that strong, though I am pretty sure they are only 50 kW-gc). 93.3 is a serious loss. And what we get is a simulcast of WYSL-AM with nationally syndicated investment advice programs (they have changed to EZ since this report-gc). One temporarily bright spot is that 40 watt WIRQ 94.3 has not been on the air after summer break. A recent newspaper story says they have money problems (it's a high school station). I shouldn't be happy about this, because they have accommodated me with a schoolyear only schedule for years! Station news: KNFO 95.5 was sold June 1 and changed calls in July to KCKR, per QSL letter. WRUR was head announcing 3,000 watts on 9/16, an increase (they were off all summer).

NORTHERN FM DX

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

Equipment: McIntosh MR-78 FM Tuner with two CM \$tereo Probe 9 antennas and rotors at 38 and 36 feet above ground separated at 23 feet, with use of Bolin phase box.

*Denotes use of phase box.

| August 199 | 3 (CDT) | | | 1 2 Mg (Sant |
|--------------|---------------------|-------------------|------|--|
| 8 MS | 2 (001) | | | 2 MS (Sept. cont'd) 2102 WJSP 88.1 GA Warm Springs- 56 |
| 0400 WDAV | 89.9 NO | Davidson | 407 | 2102 WJSP 88.1 GA Warm Springs- 50 (See Note #2) Columbus |
| 9 M8 | ATTENDED OF A STATE | | 1.00 | (#57 on 88.1 my best frequency) |
| ?? WJIS | 88.1 FI | Bradenton | 892 | 2 3 MS |
| 10 MS | | | | 0201 WJIS 88.1 FL Bradenton 8 |
| 0343 WPAR | 88.1 NO | Hickory | 378 | |
| ?? KNTU | 88.1 TX | Denton | | 0535°WAOL 99.5 OH Ripley- |
| ?? KNTU | 88.1 TX | Denton | 808 | (The Elvis Station) Cincinnati, o\$ |
| 11 MS | | | | (o/WZPL 99.5 IN Greenfield-Indy) |
| ?? WJIS | 88.1 FI | Bradenton | 892 | |
| 12 MS | | | | (equipment tests) 445w, "K-91" |
| ?? KNTU | 88.1 TX | Denton | 808 | 5 MS |
| ?? KNTU | | Denton | | |
| 14 tr | | | | 10 GW |
| OOOO WDFB | 88.1 KY | Danville, 170w. g | 178 | 1500 WZBD 92.7 IN Berne-Decatur, |
| 0448°WFYR | 97.3 IL | Elmwood, k\$ | 245 | rs. "Z-92.7" |
| (o/WMEE | 97.3 IN | Fort Wayne) | - | 11 tr |
| 0630 WFLE | 106.3 KY | Flemingsburg, k\$ | | |
| (WFLE | fles mar | ket program) | 177 | |
| 16 MS | 120700 0000 | not program, | | (Moody Bible) Lafayette, g\$ |
| 0032 WJIS | 88-1 FT. | Bradenton | 892 | Out a voice se a voice de la v |
| 0659 WUWP | 88.1 PT | Pensacola- | 683 | The state of the s |
| , | 0011 11 | Fort Walton Beach | | Previous MS |
| 21 MS | | rort warton beach | | |
| 0920 WJIS | 88.1 FT. | Bradenton | 800 | 0200 WJDK 103.1 IL Morris, rm\$ 17 |
| 22 tr | 0047 27 | DIAGENCON | 092 | |
| 0405 WWIZ | 03.9 PA | Wencer- | 278 | 1800 WKSF 99.9 NC Asheville- 35 |
| 010) 11120 | LUJOJ IN | Sharon, wx, k\$ | 2/0 | - bur campar P or contrired 14 |
| 25 Es (brie | ef) | Sharon, was as | | 2221 WYAY 106.7 GA Gainesville- 41 |
| 1100 WITE | 88 1 PT | Bradenton, g\$ | 000 | "Y-106.7" Atlanta, k\$, ads, wx |
| 1105 WYFE | 88 Q FT. | Tawan Carings -6 | 092 | 2304 WENN 107.7 AL Birmingham, s\$ 46 0400 W237AT (OH WCDR 90.3) |
| (Tuned to | 88 9 00 | calls were given) | 042 | |
| 30 tr | 00.9 88 | calls were given) | | 95.3 IN Richmond, g\$ 3 |
| | 07 5 MT | Traverse City, | 770 | ex-89.5 (See Note #3) |
| "Oldies 1 | 07-5 WC | Traverse City, | 317 | |
| 30 M8 | .07-5 #0 | W | | 0058 WRVG 89.9 KY Georgetown, 140w 14 |
| 20 110 | | | | 0600 WOSP 91.5 OH Portsmouth, c\$, 16 |
| 13.4 | A S S | IC ROCK | | (//WOSU 89.7 OH Columbus) 110w, 368m |
| | 1 5 5 6 | | | 21 GW |
| 4 | THE REAL PROPERTY. | 10 7 | | 0200 WIWC 91.7 IN Kokomo, g\$ 4 |
| ASS. | | 1 | | (Moody Bible) |
| | 1000 | | | 21 MS |
| | R.J | TFX HOUSTON | | ?? KETR 88.9 TX Commerce, 75 |
| 2050 | Don't Oak D | cor westername | | Previous Es |
| | | lvd. Suite 1100 | | 23 MS |
| | Houston, Te | | | 1000 KMPR 88.9 ND Minot, 96 |
| (713) | 968-1000 F | ax (713) 968-1055 | | Previous Es |
| 1 E20 MONT - | on e | | | 25 tr |
| TOOY KAEX 1 | U/.5 TX | Lake Jackson- | 960 | 0601*WJZE 97.3 OH Oak Harbor- 10 |
| (verlfied b | y mail) | Mouston, Previous | Es | "Jazzy-97.3" Toledo, m.j\$ |
| September 1 | 993 | | | (o/WMEE 97.3 IN Fort Wayne) 6 |
| 1 tr | | | | 26 MS |
| 2531 WVBL 1 | | Valley Station- | 145 | ?? WJSP 88.1 GA Warm Springs- 50 |
| (See Note # | 1) | Louisville, pr\$ | - ! | Columbus |
| | | | | |

Meteor Scatter Results:

8/8 WDAY "...WDAV Davidson..."
8/9 WJIS "...Remember the joy family skate night, Tuesday, August 17th from 7 to 10 p.m. at the Service Skate Center in Sarasota..."

8/10 WPAR "...and mail it today. With your help...and mention that you listen to WPAR, your gospel..."

KNTU "...KNTU..."

KNTU "...KNTU sports conversation.."

- continued -

8/11 WJIS "...weather this afternoon partly cloudy and hot. High will get into the mid 90's with a good chance for afternoon thunder showers of course. And a fifty or sixty percent of that wherever you are listening today. Overnight fair, mid 70's, and for tomorrow more of the same. St. Pete/Tampa partly cloudy and 89, Sarasota/Bradenton it's 90, Fort Myers/Cape Coral 91. In Naples, it's 88. Joy-FM.*

8/12 KNTU "...taking a look at the KNTU weather forecast, today sunny and hot, high near 101. Tonight and Friday fair; low tonight in the upper 70's..."

KNTU "...big cat weekend runs from 10 a.m. to 4 p.m. this Saturday and Sunday, August 14th and 15th at the Fort Worth Zoo....sunburn Saturday bike ride will be held at...in Gainesville, Texas on Saturday. Registration..."

8/16 WJIS "...the Joy-FM, the gulf coasts positive music station..."

WUWF "...and just like you, your pet needs to have shelter from the sun and during stormy weather, if you let your pet go outside a lot...and your pet will thank you for it. Sings: da da bah bah de boo boo. This message from the Morthwest Veterinary Medical Society and the woof hounds at WUWF. Good morning. You're listening to Morning Edition on 88.1 FM. This is WUWF Pensacola-Fort Walton Beach, Pensacola Public Radio from the University of West Florida..."

8/21 WJIS "...The church is located at 6310 Double Creek Road, New Port Richey... a free seminar open to all. Dr. Richard Dortch will be speaking on the collapse of the PTL, his involvement with it, and his present role. Takes place Sunday, August 22nd at 6 p.m. at the First Assembly of God in Fort Myers..."

8/30 KZFX "...Don't settle for anything less. Punch it in to the Classic Rock Station Z-107.5..."

9/ 2 WJSP "...7 WUGA..."
9/ 5 KGNZ "...here at KGN..."

9/ 5 "...WJIS Bradenton - 91.5 WJYO..."

9/21 KETR "...olympics last year and the bronze and stutgart tested positive for a second time in his career. He returned from a two year suspension last year to win the title in Barcelona. I'm Richard O., KETR sports..."

9/23 KMPR "...KMPR - 88.9 KMP..."
9/25 WJSP "...folks from around the world. Join us for forum weekdays on Peach
State Public Radio..."

Note #1: WVSL is on the air, but is being programed by WQMF 95.7 Jeffersonville, IN. From 105.9 I taped, "The world's greatest rock 'n roll in its entirety from one radio station, QMF. QMF at 95.7 and QMF-2 at 105.9.

Thanks for listening." On the hour I taped 95.7 WQMF and heard, "one radio station, two great ways to rock - 105.9 and 95.7 WQMF Jeffersonville-Louisville."

QMF-2 at 105.9 was not // to WQMF 95.7.

Note #2: What I caught here by MS was the end of the Peach State Radio Network ID's. They say, "And in Athens on 91.7 WUGA." All I got was "7 WUGA." Note that on 9/26 WJSP was taped mentioning the Peach State Radio Network.

Note #5: The 89.9 translator in Richmond, IN (which I never heard), had to leave the frequency, as WDPG Dayton Public Radio, Greenville, OH will soon be on the air. WDPG was testing on 9/27 with a test tone, but no ID. This translator was formerly on 89.5 where I faintly heard it twice. Now the WCDR translator has moved to 95.3 and is no longer 10 watts. It must be 250 watts, as my signal meter, on a scale of 1-10, will go up to 6. How can this station be on 95.3 when a Xenia-Dayton station is also there and very close to Richmond?

WKPW 90.7 Knightstown, IN is located at the Soldiers and Sailors Childrens Home there. WKPW began broadcasting on 9/7 and is on the air from 8 a.m. to 4 p.m. M-F. The signal is fairly good here, but at times, WGLE Lima, OH interferes with WKPW. Bob Hawkins, chief engineer for WKPW telephoned me to see how their signal was carrying at 27 miles. Their power is 445w with a tower 78 feet above ground.

The Perseid meteor showers were supposed to be marvelous this year, but no better than in previous years. I understand that those living in the midwest had a good tr opening on 9/17-18. Once again, the IN DXers get screwed, as the opening was very poor here! I kept trying, but WYAY 106.7 in GA was my only new station.

73- RAlph

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

1109

180

Equipment - McIntosh MR-78 tuner/stacked Stereo Probe 9s + a single Stereo Probe 9, on rotors, at 40 ft., Bolin phase box. Time: ELT **JUNE 1993** JULY 1993 25 Es 30 Es 1218 WLMG 101.9 LA New Orleans, soft r, jingle, "Magic 102" + call, local WQCD phased, first 101.9 Es (leaves 98.3 as the only frequency with no Es loggings). 1148 1227 WTYJ 97.7 MS Fayette, "Swap Shop on WTYJ" 27 Tr 0947 WAVT 101.9 PA Pottsville, "T-102 FM", r, WQCD phased 1228 WHTQ 96.3 FL Orlando, "Q-96" 911 AUGUST 1993 JULY 1993 3 Tr 823

1250 WDDQ 92.1 GA Adel, call, ads 2 GW/Tr 0545 WJUX 88.7 NJ Franklin Lakes. "Jukebox Radio", WRSU/WPSC Off. 3 Es 1548 KEOM 88.5 TX Mesquite, ID, Mesquite Police Journal at 1600 1344 92.5 TX Dallas, contest, ads 1556 KZPS 1367 1618 WQUE 93.3 LA New Orleans, "Q-93" 1147 1632 KNIN 92.9 TX Wichita Falls, "Power 92.9" + call 1418 1640 KDYN 96.7 AR Ozark, call, k 1113 1650 KKBQ 92.9 TX Pasadena, ads 1393 1658 KITT 93.7 LA Shreveport, call, r 1208 1818 KZOC 92.9 KS Osage City,"KZ-93",k 1819 KILS 92.7 KS Minneapolis, k, call, ads, 1236 1845 KCLY 100.9 KS Clay Center, ID 1205

to KARD-14 1129 1915 KBEZ 92.9 OK Tulsa, SID 1203 1059 WZXV 99.7 NY Palmyra, full ID, g 230 6 Es 1848 KCLR 99.3 MO Booneville, "Clear 99 FM" + call 972 2040 KVOM 101.7 AR Morrilton, call, k 1066 2051 KHLT 94.1 AR Little Rock, "K-Lite" 1056 2045 WCVK 90.7 KY Bowling Green, ID 697

1848 KRVV 100.1 LA Bastrop, "The River"

1849 KJLO 104.1 LA Monroe, ads, reference

0028 WETH 89.1 MD Hagerstown, c, WETA/WETH ID 177 24 Tr 1124 WOMP 100.5 OH Bellaire, // to WRKY, "Ohio Valley Power Stations" 336 25 Es 1545 WJMG 92.1 MS Hattiesburg, ID 1046 1554 WAFR 88.3 MS Tupelo, "American Family

Radio", WBGO phased 0001 WPTG 107.9 VA West Point, ID, "Sunny Country", k, announcer apologized for start-up problems during first week of broadcasting.

0019 WDCU 90.1 DC Washington, ID, WRTI phased, not heard in many years 1858 ???? 91.7 GA Peach State Net here but net ID mentions both WWEV and WUNV. 1909 WMMK 92.1 FL Destin, "K-92",

Pensacola ad, 978 1914 WVOB 91.3 AL Dothan, ending nx, ID 894 1916 WRJM 93.7 AL Geneva, "The Rose" + call, Ex-93.5 921 1920 WOOF 99.7 AL Dothan, "Woof-FM" 890 894

1921 WXUS 100.5 AL Fort Rucker, "US-100". Enterprise ads 0759 (WBCS)96.9 MA Boston, ID, k, Ex: WJIB/WCDJ

213 2020 WTKF 107.3 NC Atlantic, Talknet, ID, local promos 410

0100 WNJA 89.7 NY Jamestown, c, WNED/WNJA ID 271 0556 WMJQ 102.5 NY Buffalo, "Q-102", strong at times,

0849 WYRK 106.5 NY Buffalo, k, wx, call 280 2300 WCDO 100.9 NY Sidney. AM-FM ID after Mets postgame show 127

30 Tr thanks to Hurricane Emily 2010 WDOX 93.0 NJ Wildwood Crest, new station and off frequency, easily separable from local WPAT,

easily separable from tooks", old time b, call + "The Docks", tnx to Leo Gluck tip 2136 WGH 97.3 VA Newport News, "The New Country" + "Eagle 97", first time heard since WBSS

went to 50 Kw. 270 2139 WMDM 97.7 MD Lexington Part, k. Hurricane nx, WMDM/WPTX ID 2151 WSAY 98.5 NC Rocky Mount, k, "Say" 368

2222 WYFL 92.5 NC Henderson, g, // to WYFI-99.7 364 2224 WDLX 93.3 NC Washington, ID. Hurricane info 395

0530 WFLO 95.7 VA Farmville, ID, Bluegrass music 310 0533 (WVGO)-106.5 VA Richmond, call, promo, Ex: WRFK 276

0537 WKRRt 92.3 NC Asheboro, "Rock 92" 0546 (WMXB) 103.7 VA Richmond, "Richmond's

Mix, B-103.7", Ex: WFMV/WEZS 271 0557 WPTM 102.3 NC Roanoke Rapids, ID, k, "New Country" 334

0608 WCUL 103.1 VA Culpeper, nx, WCVA/C-103 ID

COMMENTS: WNJN-88.1 is now including WNJS-88.1 Berlin, N.J in its ID. WBAI-99.5 New York City seems much stronger so wonder if they are now on the World Trade Center. Ditto WLTW-106.7. Finally, very happy to see a number of WTFDA members at the NRC Convention in Enfield, CT. 73, Joe

NORTHERN FM DX RICHARD CONTONE - 162-07 87th ST - JAMAICA, NEW YORK 11414

I logged some interesting DX the end of this month.... WADB - Pt.Pleasant, NJ, 95.9 Mhz on Sept. 20 and 27.

WJUX - Ft.Lee, NJ, 103.1 Mhz, Sept. 27, again over WBZO Lake Shore NY

WSPK 104.7 NY Poughkeepsie, no ID but I got K-104, 70 miles, also Sept. 27

On Sept. 27 it was cloudy and raining. I used an indoor antenna, coiled wire and connected to the

MORRIS SORENSEN - 29 JANET BLVD. - SCARBOROUGH, ONTARIO M1R 1H7

Equipment: Panasonic RF-B65 digital portable with whip antenna

DX from KEMPTVILLE, ONTARIO AUGUST 1993 DX 25 Tr 94.7 NY Cape Vincent, religion 2224 MMH 101.5 ON Peterborough, The Wolf 2254 CKWF 106.9 NY Auburn, 106.9 Picks Cntry 2258 92.1 NY Baldwinsville, oldies 2309 WSEN 94.5 NY Syracuse, Y-94 FM 2318 WYYY 2328 CFRC

101.9 ON Kingston, alternative music 0951 26 Tr 95.9 PQ Montréal's "Mix 96" 0842 CJFM 98.5 PQ Longueuil, French, Icl ads 0849 CIEL

92.5 PQ Montréal, local ads, Q92 CFQR 1134 100.7 NY Henderson, Lake Country 2224 WLKC 100, mixed with CBF-FM 104.9 PQ Mirabel, FF, "Radio Fusion"

105.7 PQ Laval-Montréal, easy listening/soft rock, ID in French

August 27 Tr 0826 WMAX 106.7 NY Irondequoit, ID, mentions

of Rochester 0859 WVPS 107.9 VI Burlington, classical mx New England Public Radio, etc.

94.3 PQ Montreal, 92.5 NY Rochester, "Today's 0939 WBEE

country WBEE" over CFQR. 98.9 NY Rochester, Oldies 99, sports WKLX 0956 WPXY 97.9 NY Rochester, 98 PXY 1011 WBBS 104.7 NY Fulton, B-104.7, country

1024 WRMM 101.3 NY Rochester, Warm 101.3 2056 CHIP 101.5 PQ Fort Coulonge,ID

No FM DX here in Scarborough! Morris Sorensen

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

Equipment: Carver TX-11 tuner, modified with five 150 khz filters, Archer rotor and RG6 & CAC-11 coax fed out to roof mounted CM Stereo Probe 9 FM antenna, at ≈ 25' AGL. For phasing, a Jerrold 10-element VHF TV antenna fed into a RS 0-10-20 db FM amplifier (75 ohm input), then into a "two capacitor in a box" phaser. "Clicking" RCA rabbit ears also are going into the RS FM amp (into the 300 ohm input)

SEPTEMBER 1993 DX

1023 (CICX) 105.9 ON Orillia, k\$, Kicks-FM, ex CBCO and CBC, which has since moved to 91.5

239

1000 WYNQ 93.3 NY Avon, first CNN news // 1030 then EZ (\$). Fairly strong, though easily nullable, and WWSE still dominates here.

1000 CKDK 103.9 ON Woodstock, moving from 102.3 now K102, soon to become K104, very strong! there goes yet another frequency! 65kW now

OCTOBER 6th Tr/GW

2300 WFGO 94.7 PA Erie, new to air, o\$, Froggy 94.7, much weaker than other Erie's here, was very hard to hear in WNED 94.5 slop & WCSX 94.7 94 119 2305 CJBC1 94.3 ON Belleville, FF Mono CBC // 860.

Moving from 95.5, which will be taken over by CJOJ. Not ANOTHER frequency lost! Quite strong here 104



As you can see, not much has been going on DX wise here. Probably all the better, as I have been very busy. Note that I have four new loggings, but all of them are new semi-locals! At least WFGO will not be much of a pest, though the other three will, especially CKDK and CJBC1. The band is really filling up around here. One Saturday there was a long distance duct into Missouri from this area I hear, but I missed it here! I did see weak CCI on ch21 and 33 that I'm told was likely Springfield, Mo. Oh well! The weather systems have not been favorable at all for tropo, as they haven't been all year (except for that stretch of late August with some nice openings, which netted OH logging #100). Fast moving cold fronts, not leaving much time for anything to set up. Weather has been cold and rainy as well for the most part; we had out first snow October 10th, just flurries in the air, 14 days before the average first snow. No accumulations yet though. For this month's station news, thanks go out to Matt Sittel, Doug Smith, Tim Noonan, Ralph Stroble, Mike Hawk, Paul Mount, George Greene, dBruce Hall, Jim Renfrew, Rich Gallison, and Bill Nollman.

19 Tr

STATION NEWS:

SOUTHEAST: WDRZ 103.1 in Etowah, Tenn. is Two new stations are on in the Nashville vicinity. WANT 98.9 Lebanon has come on, with a satellite country format. And WRLG 94.1 Smyrna is on, for now simulcasting alternative rock WRLT 100.1 Franklin. Do not confuse this with WSTR 94.1 Smyrna, GEORGIA! with urban, "Power 104". In the same area, KPEL 107.7 is also on, parallel to 1420-KPEL's news/talk. And WTRC 97.3 Natchez, MS has signed on the air. using 'The Breeze' slogan, WIMV 102.7 Madison, FL. is on that frequency, not 100.7 as in the FM Atlas. 'Z94'. 95.3 McRae, Georgia now has the calls WYSC, ID with Helena (pronounced huh-LEE-nuh). WGPH WCLA-FM Claxton, GA. moved to 107.3 from 107.1. WLVK, and country. They are simulcasting WCLA-AM's country format. and are in stereo. Even more Georgia news....WDBN 107.5 Wrightsville is now 'Mix 107.5' and AC, with ex: 104.9. 'Eagle 104' slogan. WXRS Swainsboro has moved to 100.5 and Is sat. country 'America's Best Country 100 FM'. WMCD 100.1 Statesboro is 'Hit Rock 100.1' and a rock 40 type format. WAGW 107.1 Waynesboro is religious parallel to WYFA 100.9, and has a dual ID with them. WFXA 103.1 Augusta is smokescreen changeover format. WUFF Eastman, stereo.

WKMK Sylvester, 106.1 is a/c and satellite. They are also mentioning a 105.7 (WFFM Ashbum?). WRDO now using the slogan "Superpower 103" and seems 96.9 Fitzgerald is on now, with "Class 96.9", and an to get out real well now. WYGO 99.5 Madisonville, oldies-AC type format. WMCG 104.9 Milan, Ga. is TN uses the slogan 'Go-FM'. WXST 105.3 can now 'Power Country 104.9'. 107.3 Columbus is now 'Lite also be heard on a translator on 96.7 in Knoxville. 107.3'. In the Atlanta area, some changes: WYAY 106.7 (Gainesville) spilts from its simulcast of 104.1 WYAI (LeGrange) and is now 'Young Country'. And 105.7 (Canton) becomes WGST-FM, simulcasting WGST 640 AM Atlanta, which is news/talk. Some major changes in Charleston, S.C.: 104.5 (Mt.Pleasant) 107.9 East Ridge-Chattanooga returns to the air, now has gone country, as WIUK 'lukebox 104'. WSSX as WOGT, "GT-108" and oldies. To the west, W252AO 95.1 goes hot a/c and "Mix 95.1". And the market 98.3 in Lake Charles, LA is on, Family Radio loses its other top 40 as WSSP 94.3 Goose Creek programming. KNEK 104.7 Washington, LA is on drops top 40 and 'Fly 94' for adult standards and 'Stardust 94'. WJAT 948.1 Swainsboro is adult rock, and 'Kiss FM'. A few other items of note from South Carolina-WLVH 101.1 Hardeeville is on, with urban with satellite soft a/c, "Trace-FM". KFTE Breaux (\$), and "Love 101.1". Also heard as urban was WSSB Bridge, La. Is on with easy listening (96.5). Moving 90.3 Orangeburg, but monophonic. 92.1 Bambergfarther east, WEBZ 99.3 Mexico Beach, Fla. is now Denmark has changed calls to WWBD. They were calling themselves '92.1 FM', and gospel. WDOG is urban, but in mono. WBTY 105.5 Homerville, GA 93.5 Allendale, SC is country 'The Big Dog'. WGTR is "Y105", with a mix of oldies and classic rock. WZAT 107.9 Buckport-Myrtle Beach is on '107.9 Gator 102.1 Savannah has gone to more of a rock-40 Country'. 107.3 Anderson, SC is now urban, 'The approach, also with a mix of modern rock. No longer New 107.3 Jams', calls WILT or WILZ. In North "Z102", now using their calls. WLYU 100.9 Lyons, GA Carolina WKSF 99.9 Ashville is now using 'The Fresh New Sound of Kiss FM" and "Kiss 99.9". Note that They are 'Y101' and country music. WTCQ 97.7 adding to the confusion of 'Kiss'es on that freq. is the Vidalia is top 40 'The Power Q'. WBYZ 94.5 uses new WFKS 99.9 Palatka, 'Florida's New Kiss 99.9'. WEAG 106.3 Starke, Fla. is now 'Eagle Country 106'. ex: WDAX. New slogan is "Y95", and country, and And 107.9 Panama City is still WPFM, but now more adultish top 40, and '107.9 Kiss FM', so a new slogan 91.5 Vidalia is on with religion, in stereo. Also on for them. WZJC 91.9 Crystal River, FL is on the air. A with that format is WRBX 104.1 Reidsville, GA. little farther north, 105.5 Ft.Knox, Ky. has changed to

NORTHEAST: In Rochester, WYNQ 93.3 (Avon), which recently signed on as news/talk parallel to AM 1030, has now gone to easy listening. In that same studios in Dublin, WKIG 106.3 Glennville is K106 and market, WRUR 88.5 is back on the air after a summer a/c. WHCG 103.7 Metter is now oldies (\$) and here off to upgrade their power: to 3 kW. The improved signal has been noticed. In Maine, WSNV 103.9 Howland (Bangor) is on the air, with easy listening, in stereo. Some news from Maryland: WKHI 98.9 Mountain Lake Park is on the air. Also on is 101.1 Westemport, Md. with satellite a/c. WFGO 94.7 Erie is on with oldies 'Froggy 94.7'. I was recently in 'Foxy 103 Jams' and urban. WAEV 97.3 Savannah Mayville, NY and noted the 90.1 xltr of WQLN 91.3 now goes by 'The New Mix 97.3'. Also now with a Erie on the air, even though I have not heard it here. 'Mix' slogan is 'Mix 106', 106.1 Toccoa, Ga. (WLET-Speaking of WQLN, they are putting out very strong FM?). WZBX Sylvania, Ga. is country, and a slogan spurs on 91.1 and 91.5, strong enough to get out like 'Z-Bix 106' or 'Z-Mix 106'. Oh, they are no pretty far. I have heard them here on 91.1 overriding 106.5. WGUS 102.3 Augusta was noted with an all local CJRT. They have been heard in Brantford, Ont. comedy format. This could be some sort of and Toronto, and on the car radio near Batavia NY even, and have weaker spurs down to 90.5 and up to Ga. has moved from 92.1 to 97.5, and is mono, 91.9. So be careful, these spurs may fool you! To clear country. WCEH 103.9 Hawkinsville, GA is a/c and up call letter confusion in central PA, 99.7 Mt. Pocono is WSPI, and 95.3 Shamokin is now WISL.

HORTHERN FM DX STATION NEWS:

CANADA: Word is that CISB 540 Ottawa has been granted permission to go to 106.9 on the FM dial which it will do sometime in 1994. Otherwise, plenty of changes in Southern Ontario-as many have heard, 105.9 Orillia has indeed gone commerical, country as CICX, 'Kicks FM'. In addition, CICZ 104.1 Midland has been noted on the air, also country and 'Kicks FM*. They do simulcast at times, but also run separately. I do not know their schedule. In Belleville, the CBC French (Mono) FM station on 95.5 (CJBC1) has moved to 94.3. Word is that 95.5 will be occupied in the future by 50kW CIOI, which will be album rock. They were to be on 102.3, so I imagine that frequency will be up for grabs once again. And CKDK Woodstock has indeed moved to 103.9 and 65 kW, as 'K104'. MIDWEST: KMIS in Southeastern Missouri is on 106.5, and is rumored to now be lisenced to New Madrid, MO. They are higher powered. KXTR Springfield Mo. has moved from 101.5 to 101.3. A 104.3 'KRCR' Star 104.3 and country has been heard in the Branson, Mo. area. I believe this is Marshall, Ark, though I have not seen word of a call change from KBCN. KWKZ 106.1 Charleston, Mo. is on with country. KKEG 92.1 Fayetteville, Ark. is album rock, but mixes a lot of alternative rock in with that. Moving farther north in the midwest, in suburban Chicagoland, WXLC 102.3 Waukegan has reportedly gone modern rock. WSPT 97.9 Stevens Point, WI. Is now a/c 'Sunny 98' slogan. In Northern Indiana, a bunch of stations are now parallel and country: WGTC 102.3 New Carlisle, and WLNB 102.7 Ligonier, and 102.3 Auburn, Ind. which has moved from 105.5 (I believe new calls have been Issued, but I am not sure what they are). In Ohio, WCLR 95.7 Pigua-Dayton goes oldies, "Cool 95". By the time you read this, they should have picked up a sister station: 95.3 Xenia is expected to simulcast them, and they hope to pick up the cails WZLR. In the Toledo area, a new local: WIZE 97.3 Oak Harbor, with jazz/new age. WRHP 101.9 Hubbard, Ohio (Youngstown) is on the air with satellite urban AC. Rumors are flying that WCOL-FM 92.3 Columbus may go soft a/c, while in that same town WNCI 97.9 has hardened up again towards a more straight top 40 approach. No word that it is on yet, but 94.5 in the Dayton area (licensed to Englewood-WZIX) is expected on soon, with modem rock. Some Indiana news-WHPL 89.9 in West Lafayette is on the air, with Moody Bible Institute. WKPW 90.7 Knightstown is on with album rock "K91". Also new on with Moody Bible programming is WIWC 91.7 Kokomo. And WZBD 92.7 Berne-Decatur, Ind. is on with rock, Z-92.7, in stereo, (92.7 Decatur is now WQHK 105.1). WJDK 103.1 in Morris, Illinois is on the air. WVSL 105.9 Valley Station-Louisville is on the air with album rock, "WQMF-2". They are not parallel to 95.7 WQMF Jeffersonville, Ind. A top of the hour ID noted by

Ralph Strobel said 'one radio station, two great ways to rock - 105.9 and 95.7 WQMF Jeffersonville' even though 105.9 was separate (See his report). Back in Indiana, a powerful new translator is on: W237AT 95.3 Richmond Is on the air translating WCDR 90.3 Cedarville, Ohio. Also soon to come on the air is WDPG 89.9 Greenville, Oh. owned by Dayton Public Radio. Oops, I did it again, forgetting some Northeastern Info: 106.1 Coming-Elmira has been heard IDing as "Wink 106 WINK". No word on whethere there is an official call change. And WDOX 93.1 Wildwood Crest, NI is on the air with traditional easy listening, "The Docks", Joe Fela heard them on 93.01 (see his report).

WEST: KCRM 103.9 in Cameron, Texas (College Station area) is on the air now, with the slogan 'CD 103.9° They are a/c. A big change in Pheonix: 95.5 KOY-FM is no more, now KYOT, country 'Coyote Radio*. Another change on that frequency in a major western city, as KXL-FM Portland goes hot a/c 'Star 95". In yet another big move, KCBS-FM 93.1 Los Angeles Is no more, becoming KRRO-FM, 'Arrow 93", which stands for "Adult Rock and Roll". A rock/ ac type format with oldies and soft classic rock concentrating on music from the 1970s. In Tyler, Texas, KERA 90.1 has a translator on 99.1. It gets out quite well, so look for it. 92.1 Tyler is finally back on the air, as "K-Dock", KDOK, with oldies. KEYR 92.9 Merlin, Tex Is on with satellite a/c, 'Key 92.9'. And on the same frequency, also In Texas, 92.9 San Antonio changes calls from KSRR to KROM. Theyare still Spanish.



590 AM 94.1 FM

TRANSLATORS

Mars Hill Network can be heard in broadcasting on special

Dwego/Endicot 95.9 WMHR 95.9 WMHR Castorland 95.9 WMHR Normich 97.7 WMHR Watertown/Ft. Drum 104.9 WMHR

Dansville/Canaseraga 88.1 WMHR Governeur/Richville 100.1 WMHI 90.9 WMH

94.9 WMF

Canada, on Kingston Cable

Yet to come Malone Ogdensburg

101.3 WMR 104.9 WMHN 100.3 WMHR pending WMHI

VHF/UHF UTILITY DX

WEATHER - AIR - MARINE - PSB



BILL HEPBURN - 35 LOCKWOOD RD - BRAMPTON ON - LEY 4T7

Deadline for Jan column: Dec 10

This month.. more DX loggings..including 2 new reporters! Some summer tropo included USCG Boston making it all the way to Maryland!

So without furthur ado..

LOGGINGS

** NEW REPORTER **

RICHARD CONTONE - 162-07 B7th ST - JAMAICA NY - 11414

Rcvr: Bearcat 147XLT Ant: Winegard TV-7000 w/Tru-Spec TA-15 amp. (EDT)

AUGUST 1993

12 TR 2330 162.40 PA PHILADELPHIA 90 WX (also heard on Jun 10)

(Welcome to V/U Ute DX Richard! Question: I have KIH-28 Philly listed as being on 162.475. Have they changed frequencies recently? Or is this possibly a new repeater? Can anyone help out on this... BH)

** NEW REPORTER **

MORRIS SORENSEN - 29 JANET BLU - SCARBOROUGH ON - M1R 1H7

Rovr: Realistic PRO-2022 Ant: discone (EDT)

DX From KEMPTUILLE ON

AUGUST 1993

26 TR 2115 <u>WXM-68</u> 162.475 NY WATERTOWN 80 WX 27 TR 0840 <u>KHA-53</u> 162.40 NY ROCHESTER 160 WX

NOTES: NWS Rochester was completely obilerating local Ottawa station on channel - Rochester FMs also coming in.

(Welcome to V/U Ute DX Morris! Morris recently rejoined WTFDA. He edits the 'Domestic DX' column for the ODXA. BH)

HANK HOLBROOK - 407 ARUNDEL RD - FAIR HAVEN CLIFFS - DUNKIRK MD - 20754

Rovr: Sony AIR-8 Ant: ANT-8 whip (EDT)

+ = initial CQ on 156.8

JULY 1993

1 TR 0803 NCGP 156.8 DE Delaware Bay 90 SHIP J.L. Brown 25 TR 0124 WQZ-342 156.65 NJ COLD SPRINGS 100 MRN NAU 2 Mile Bdg 0810 NMY-42 157.1 + NY MORICHES 260 USCG 26 TR 0720 NMY-15 157.1 + CT NEW HAUEN 295 USCG Long Isld Snd 0721 NMN-80 157.1 VA HAMPTON ROADS 105 USCG 0754 WHW-819 156.7 DE LEWES 80 MRN NAV Del. Pilot 29 TR 0649 WSE-3119 156.8 DE BIG STONE BEACH 75 SHIP Big Stone 5 1929 N3A 132.0/123.025 MD BALTIMORE 40 ACFT Stars&Stripes

Hank Holbrook's report cont'd..

| - | AUG | ius: | 199 | 3 | | | | | | |
|---|-----|------|------|---------|--------|---|----|----------------|-----|--------------------|
| - | 27 | TR | 0750 | NMY-52 | 157.1 | + | NJ | SANDY HOOK | 184 | USCG |
| - | 90 | TR | 0703 | NMN-BØ | 157.1 | + | VA | HAMPION ROADS | 105 | USCG |
| | | | | NMK | 157.1 | | NJ | CAPE MAY | 92 | USCG |
| 3 | 31 | TR | 0355 | WHU-307 | 156.45 | + | NJ | CAPE MAY | 90 | MRN S Jer.Marina |
| | | | 0431 | KSK-223 | 156.8 | | MD | DCEAN CITY | 89 | COAST Mrn Operator |
| | | | 0614 | | 156.65 | | NY | ATLANTIC BEACH | T | MRN NAV Bridge |
| | | | 0636 | NMF-7 | 157.1 | + | MA | BOSTON | 386 | USCG |
| | | | 0742 | | 157.1 | + | NY | JONES BEACH ? | T | USCG ??? |
| | | | 0910 | NMY-42 | 157.1 | + | NV | MORICHES | 260 | USCG |

NOTES: JUL 26 - NMN-80 was buried under NMY-15 but stayed on longer & then in the clear.

JUL 29 - N3A over Baltimore for Major League Baseball All-Star Game. One of my most wanted QSLs - to QSL a Goodyear blimp- been trying for years!

AUG 30/31 - Many USCG stations heard w/Hurricane Emily info. - Atlantic Beach Bridge working 'Ocean Girl' (both strong). Anybody have an address for NY DEPI. OF TRANSPORTATION???

- USCG Boston blocked at times by Philadelphia & Long Island Snd. Much of transmission in clear. Nice signal. Hurricane Emily coming up coast.

- My lists don't show a Jones Beach CG - this would be near the Atlantic Bch Bridge. Any information on this one?

- USCG Moriches in with a tremendous signal!

Bill - In answer to your question in the AUGUST '93 VHF/UHF UTILITY DX page 54. QSL from CG GROUP PHILADELPHIA 156.8/157.1 MHz - "Coast Guard Group was established in June of 1988 REPLACING CG BASE GLOUCESTER CITY NJ". QSL for Sep 7/88. Philadelphia not listed in COAST GUARD RADIO by James T. Pogue 1990, and station did not fill in call sign on my prepared card

(Hank, this station is listed in the DMA publication RADIO NAVIGATIONAL AIDS 1992 ω /notice to mariner broadcasts a 0035 & 1235 UTC...however no

call sign is listed. BH)

TIPS FOR AVIATION BAND DXING PART II

Low power — this is where the problem lies for the ground-based DXer — flea-powered stations have short range. To make matters worse, many aero ground stations also incorporate antennae that have reflectors at their base to maximum skywave and minimize groundwave. Ground-based aircraft have no problem with this because they are usually (or supposed to be) at airports while on the ground — therefore they are usually right beside the transmitter sites. (By the way, the groundwave reflectors enhance ES skywave signals!)

So what does the DXer do to combat all this going against them — maximize your gain & minimize your loss! Vertical antenna polarization works best Try cutting dipoles or yagis for the 108-137 (& subsequently 216-274) MHz band. It would probably be best however to offset the centre frequency towards the top of the band so that 88-108 MHz FM signals don't come in too strong.

FM signals creating overload & intermod are a big problem. The ITU has done studies on this. for at some airports FM stations can interfere with aircraft navigation!! (Imagine your plane trying to land in a blizzard — Just as your pilot tunes in to the ILS (Instrument Landing System) frequency of 109.3 MHz..in blasts Led Zeppelin from LOUD-107.7 FM!!)

Air Band Tips cont'd ...

The disparity between signal strengths& station powers between FM & AIR band along the 106-110 MHz range is hard to cope with. On one hand, AIR band almost definitely requires ample amplification (20 dB or so) at the antenna before the lead-in to minimize loss..however this will also increase the likelihood of overload due to FM intermod. One compromise that seems to work OK is to insert an FM trap such as those sold in Radio Shack right at the antenna before amplification. Although there is some loss in the 108-113 MHz portion of the band — the reduction of intermod is well worth it. However — this all depends on where you live. Some experimentation is needed. In any event, amplification is almost a must to boost the flea-powered signals found in the AIR band.

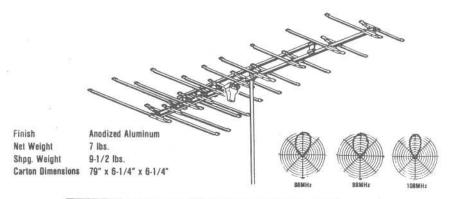
Audio found on weak AIR band stations can also be quite quiet since AM mode is used. AM mode was chosen so that 2 or more aircraft transmitting at once can be heard (whereas FM would only allow the strongest through due to capture effect). Some audio filtering through an equilizer will help audibility .. try dampening the highs and lows and boosting the midrange.

I hope some of these tips may help improve your AIR band DX setup. Again..the AIR band is probably your most challenging band DX-wise due to the low powers in the 5-100 watt range. Good luck! (P.S. - to date, my best AIR band tropo has been 223 miles to KUCA 118.7 Utica NY -- and my setup is quite modest -- lets see what can be had with a big outdoor yagi! -- and don't forget about skip!).

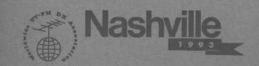
(77-5+1)s til next time, BH.

WINEGARD CH-6065 FM ANTENNA

Same ruggedized construction as the Chromstar TV antenna line, including built-in weatherproof downlead housing and 7/16" anodized elements!



| GAIN | CH.2 | CH.4 | CH.6 | 88MHz | 98MHz | 108MHz | CH.50 | CH.69 |
|-----------------------------------|------|------|------|-------|-------|--------|-------|-------|
| % over reference dipole | | | | 202 | 220 | 239 | | |
| db over reference dipole | | | | 9.6 | 10.1 | 10.6 | 1 | |
| beenwidth at half power points | | | | 80° | 53* | 47* | | |
| front-to-back ratio | | | | 20 | 20 | 20 | 1 | |





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"TIME TUNNEL" takes a break...it's first since the column premiered in May 1989; but will return next month. A couple of minor ailments, time spent editing the convention tape, a trip to Enoxville to see the Big Orange UT Vols in action, and an upcoming Plorida vacation put column preparation time at a premium. The choice was to whip up a 'quickie' that might not be quite up to snuff or take a break to get back on a sensible schedule...I chose the latter. Puture columns will include a history of early Idaho television, the original post-freeze allocations, and a trip to warmley, Saskatchewan. — GooDXing! — Tom