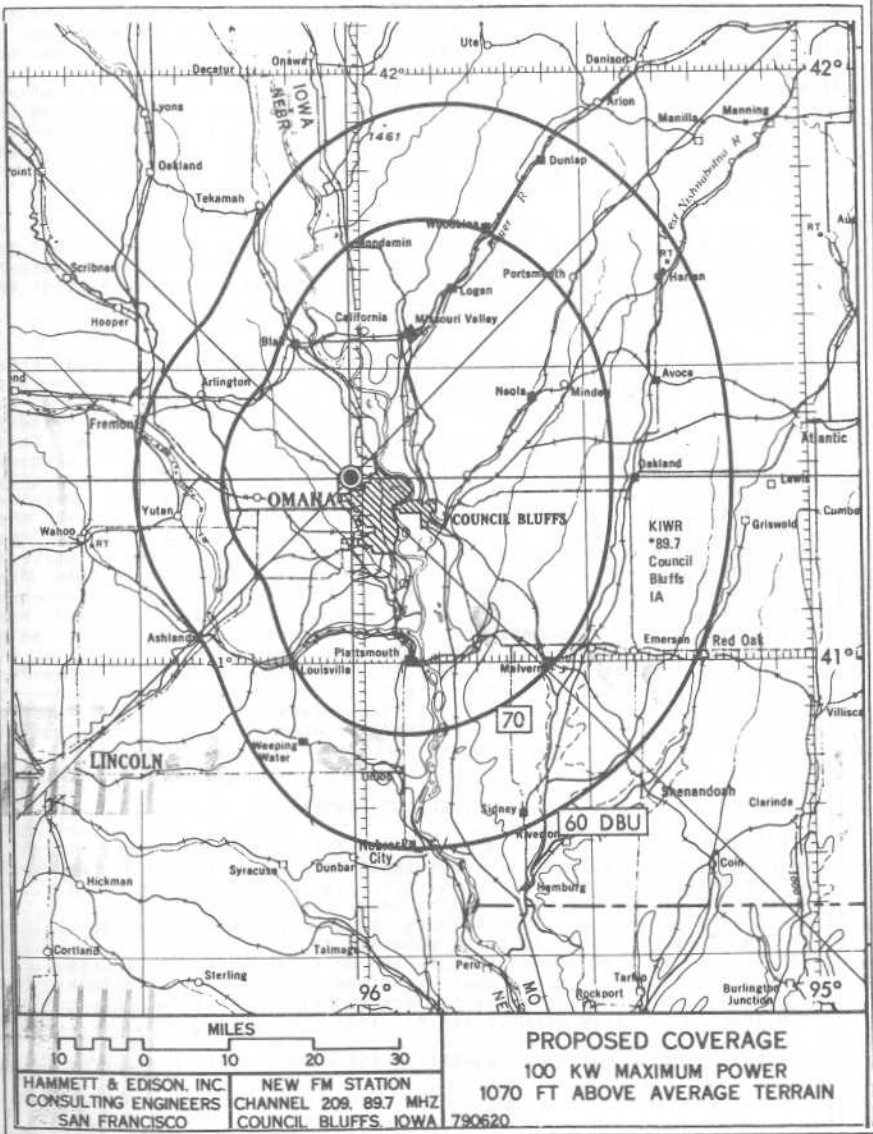


# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

MAY 1990



WORLDWIDE TV-FM DX ASSOCIATION  
POST OFFICE BOX 514-BUFFALO, NY 14205-0514-U.S.A.



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11/90  
WILLIAM N NOLLMAN  
35 NYE ROAD  
GLASTONBURY CT 06033

ANNUAL DUES - UNITED STATES: \$17  
CANADA: \$18  
OUTSIDE NORTH AMERICA: \$27  
NAME CHECK OR MONEY ORDER PAYABLE TO WORLDWIDE TV-FM DX ASSOCIATION.



# From The STAFF

GET READY FOR ANOTHER E-SKIP SEASON!...Yes, May marks the start of the spring-summer E-skip season for TV and FM DXers everywhere. Perhaps it's just getting started as you're reading this--or maybe it won't show until the very end of the month. VHF E-skip is well known to be just what it is--sporadic. The unpredictable nature of Es is what makes DXing it such a thrill for most enthusiasts. Remember to start checking channels 2 through 6 in the morning periods. Early season Es frequently appears out of nowhere, climbing rapidly to channel 6--or into the FM band if we're lucky--in a matter of minutes. A great E-skip season could be on the way, or it may be mediocre, or even poor. No-one really knows--but we all find out soon. Stay tuned!

REGISTER EARLY...Just a reminder for those of you who tend to be to caught up in the E-skip season to remember the date. Host Mike Wimer wants to hear from you by June 15th! Info on the August Manassas, VA 1990 WTFDA Convention appears on page 14 of this issue.

VOLUNTEERS WANTED...In fact, we're always looking for help from qualified members. Currently we need people to fill several important positions: CLUB SUPPLY MANAGER--this person ships supply orders to members (mostly back issues). It requires a responsible individual who can store and ship back issues (usually via USPS) on demand. This has been handled by numerous members over the past few years, most recently by Ron Stock. MEMBERSHIP SURVEY COORDINATOR--preferably someone with a background in statistical analysis who will receive copies of a survey form to be published in the VUD and interpret the data, compiling it for an article to be published in the VUD (We actually had a volunteer to do this, but he apparently lost interest and dropped out of the club). VUD EDITOR--the member responsible for putting together ("laying out") the VUD each month. Bill Thompson has been doing this job since 1988, but also is club publisher, and has other club duties--too many hats for one person to wear. Please help us out. If you'd like to do any of these jobs, drop us a line. If you have a serious interest in the DXing hobby, have been a member for at least a couple of years, and are genuinely interested in volunteering your time (necessary expenses are compensated), let's hear from you. WTFDA depends entirely on it's volunteers. Don't let these needed tasks go unperformed!

## TABLE OF CONTENTS

TELEVISION NEWS: Superpowered ch 14 is due in Georgia.....	3
SATELLITE NEWS: "Every day brings something new or something off"....	8
FCC FM NEWS: A stereo SCA on KKG0 105.1 Los Angeles???	9
WTFDA CONVENTION 1990: It's coming soon! Start planning!.....	14
PHOTO NEWS: More tropo from Eckberg, plus Dave's winter E-skip.....	16
TV TIME TUNNEL: Recalling those good old days of live TV.....	18
EASTERN TV DX: Last of the '89 DX--and on to more recent reports....	19
WESTERN TV DX: Clearing up confusion from a couple recent columns....	28
SOUTHERN FM DX: Hear Colorado Springs and win a prize from DXer....	30
NORTHERN FM DX: Warm March weather brings tropo.....	32

Thanks to Bruce Elving for another great coverage map cover.

# Television news

BILL FAHBER, EDITOR  
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BRIDGETON NJ 08302-2525

## ABBREVIATIONS USED IN THIS COLUMN:

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

## CONSTRUCTION PERMITS GRANTED

ST	CH	ERP	AATm	CITY/APPLICANT
AL	60	1500	374	Dothan; Marcum Broad'ng Corp.
AZ	46	100	701	Green Valley; Sungilt Corp.
CA	32	1333	509	San Francisco; Minority Television Project
NM	3	24	31	Gallup; KOAT Television

## APPLICATIONS DISMISSED

VA	Charlottesville; ch. 64; Achernar Broadcasting; Lindsay Television Inc.
----	---

## APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

ST	CH	ERP	AATm	CALLS	CITY
AZ	46	4857	621	K...	Green Valley (Sungilt)
GA	64	52	185	WGNM	Macon
OR	28	391	276	KZJD	Eugene

## CONSTRUCTION PERMIT MODIFICATIONS GRANTED

ST	CH	ERP	AATm	CALLS	CITY
MI	53	933	297	WLAJ-TV	Lansing
VA	14	4470	219	WTM	Arlington

## CHANGES GRANTED STATIONS ON THE AIR

GA	Macon; WAWA-TV, ch. 14; granted CP for changes; raise ERP from 1450 kw max to 4900 kw max; 616m AAT/240m AG/942m ASL (474 meters higher); TL 9 km west from Waleska, Georgia; coordinates 34°18'47"/84°38'55" (Az. 87°, or east, 33.07 miles from present TL). This should make for a
----	---

MAY, 1990

substantial increase in coverage area.
SC Charleston; WITV, ch. 7; granted CP (evidently a 4-year old permit must have expired) to raise ERP from 310 kw ERP to 316 kw max ERP; raise antenna height 247 meters higher ASL to 564m AAT/560m AG/565m ASL; TL 5.5 km northeast of Ten Mile, South Carolina, east of Route 17-701, southeast of the intersection with Sewee Road, Charleston County; coordinates 32°55'28"/79°41'58" (Az. 43°, or north-east, 12.11 miles from present TL); DA BT.
TX Fort Worth; KXAS-TV, ch. 5; granted license to cover CP for changes. This application was made in early 1989, and I had no record of the permit being granted. ERP unchanged at 100 kw max; 514m AAT/456m AG/703m ASL (43 meters higher ASL); TL 1.8 km west of the intersection of Belt Line Road and Route 67, Cedar Hill, Texas; coordinates 32°35'15"/96°57'59" (0.6 mile east of former TL). Don't look for any change in signal strength.

## CALL LETTER GRANTS: NEW STATIONS

ST	CH	CALLS	CITY/APPLICANT
PA	53	WILF-TV	Williamsport; WDOZ

## CALL LETTER GRANTS: EXISTING STATIONS

ST	CH	CALLS	CITY/APPLICANT
AZ	12	KPNX	Phoenix; KPNX-TV

## NEW STATIONS ON THE AIR

AK Anchorage; KYES, ch. 52, went on the air 1/21/1990; 5.9 kw ERP; 250m AAT/18m AG/178m ASL; Information relating to antenna height is defective; TL Stuckagain Heights, Anchorage; coordinates 61°09'57"/149°41'02"; BT; independent station; address: Fireweed Television, 3700 Woodland Park DR, Suite 600, Anchorage AK 99517.
--

## FORUM

I mentioned on past occasions that certain little hands in my household love to mess with the mail before I get my paws on it. I'm certain that I caught a glimpse of a postcard addressed to me with blue lettering in the mail on March 12, but I never saw it again. However, I did manage to find a postcard from Paul Gaines dated 10/21/89 while rummaging through the kitchen drawer for a pair of scissors.

The 1/9 *Philadelphia Inquirer* had this article on the FCC's action concerning its policy of favored treatment to women and minority ownership of broadcast stations. "A Supreme Court increasingly skeptical of affirmative action programs agreed yesterday to decide whether the federal government may give favored treatment to radio and television companies owned by minorities and women. The justices accepted the opportunity to clarify their views presented by two cases - one from Florida, one from Connecticut - in which different three-judge panels issued conflicting rulings. One panel decided that women and minorities could get

favored treatment; the other concluded that such preferences unconstitutionally discriminated against white men. Both cases raise a question of whether preferences based on race or sex may be justified by the federal government's goal of fostering diversity in broadcasting.

"In the Florida case, Metro Broadcasting, Inc. complained that it was edged out by the Rainbow Broadcasting Co. in 1983 for a license for a new television station in Orlando because of the [FCC's] preference for ownership by minorities and women." (Referring to WRBW, ch. 65, not yet on the air. -wbf) "The FCC acknowledged that Rainbow's ownership by two Hispanic women and a Hispanic man probably tipped the balance in its favor."

"But in the Connecticut case, a federal appeals panel cited the same Supreme Court decisions (on affirmative action -wbf) to support the opposite conclusion - that FCC preferences improperly discriminate against whites. At issue was the FCC's 'distress sale policy,' which permits broadcasting stations facing revocation of their licenses to sell their licenses to minority-owned firms. The panel ruled 2-1 that the FCC unconstitutionally discriminated against Alan Shurberg, who is white and operates Shurberg Broadcasting of Hartford, Inc., in his effort to obtain a license for a Hartford television station. The FCC rejected his application in 1984, instead allowing the station's owner, Faith Center, Inc., (Of course we all remember WHCT-18, Dr. Gene Scott and his mechanical monkeys, don't we? -wbf) to sell to the minority-controlled Astroline Communications Co., Limited Partnership."

So now we wait and see what the United States Supreme Court says on the subject.

From the Great American Dream Machine, this prediction from the 2/11 *Star-Ledger*, sent by BILL NIENAJADLY (Clifton NJ): "High-definition television is almost here. One of the biggest manufacturers is planning to introduce an HDTV set in the United States and Canada this year, according to sources within the electronics industry. These sources say the set will be sold as an RCA and will cost about \$5,500. It reportedly will come from Thomson, the new owner of the consumer electronics division of RCA and General Electric. Thomson, a French company, already has indicated that it will sell a similar set in Europe in the fall.

"Technically, the Thomson set is on the borderline between regular television and high-definition televisions, since it was not designed to show the HDTV pictures created under the current Japanese standard. But Thomson says the set will, in fact, show HDTV pictures broadcast or recorded under two other formats - the Philips HD-NTSC (for the United States and Canada) and the European HD-MAC system. The Thomson set has a screen that is much wider than normal sets, in a shape like that used in wide-screen theaters. Thomson says the set has a resolution of 1,250 lines, which is two to three times better than the best non-HDTV sets in use now."

"At present, the primary Japanese system - called MUSE - is incompatible with regular TV sets or the Philips and HD-MAC systems used by Thomson and other European companies. But the

Japanese have made it clear they will change MUSE to make it compatible, and they have even shown prototypes that achieve that goal."

JOHN ZEIS (Exton PA) writes, "W148G, Newark, DE, is now operating as a LPTV rather than translating WCCB, Red Lion. Format remains about the same - religious and family entertainment shows, with weekend basketball." (Technically, W148G is licensed as a translator, but the FCC gives translator operators the freedom to operate much like a LPTV. -wbf)

"In Philadelphia, a new mystery LPTV has signed on on channel 42. It carries the Univision satellite feed with no ID or any other local break seen. Also, I cannot find any record of CP being granted for this station. Based on direction and signal strength, I suspect the transmitter is located in the Roxborough (Phila) antenna farm. Ch. 42 appears to have replaced W35AB, Phila, which translated NY Univision station WXTV, rather than the direct network feed. W35AB has not been seen since ch 42 was first seen the week of Feb 19." (Sounds to me like W35AB is operating on ch. 42 under STA (Special Temporary Authorization) until it can get a permit to change to channel 42. As for replacing WXTV with a satellite feed, remember that it would be impossible for a translator to pick up channel 41 and rebroadcast it on channel 42. W61AN itself had been operating on channel 14 for a few years before becoming W148G. -wbf) "DX'ers should note there are now two east coast ch 42 Spanish LPTVs. In addition to the Phila Univision outlet, W42AJ in Washington DC transmits the other network, Telemundo." (I can confirm that there is a Spanish channel 42, and that W35AB is no longer coming in on channel 35. The channel 42 signal seems to be much weaker than the already-weak channel 35 was. -wbf)

DEBRA LEE OLIVER (Pensacola FL, the only city in the United States to have a soft drink named after it) sent in an article from the 3/6 *Pensacola News-Journal*, discussing the changes in the Voice of America to adapt to the changes in eastern Europe. The report was prompted by a visit by Richard Carlson, its director since 1986, at the University of West Florida. "Television Marti, a VOA-sponsored broadcast to be aimed at Cuba, will try to add to the knowledge of Cuban citizens as Radio Marti has since 1985." (According to recent newspaper articles, TV Marti began broadcasting in late March. But nobody is saying what channel it is operating on. My guess would be that it is on an unused UHF channel, since the VHF channels in Cuba are already in heavy use. -wbf)

Debra got a chance to hear him lecture at the University. "He spoke briefly on TV Marti. Said they will begin testing in 'a month or two' and it will be relayed from a balloon. 'sort of like the Goodyear Blimp' and would be aimed at Havana. No news on what channel. I asked what the VOA and/or the government planned to do if Castro carried out his threat of jamming Miami stations if TV Marti goes on & he said that Castro threatened the same before Radio Marti went on & they would just have to wait & see."

"If you happen to know who has a directory on low power TV stations I'd like to know. I recently picked up a new one (station, not

directory. -wbf) on channel 50 showing all tourist stories (ads for restaurants, resorts) in the Panama City, Florida area."

JOHN COMBS (Jacksonville FL) reported that independent station WBSG-TV, ch. 21, Brunswick GA was testing with 3/4 CBTP on 3/29, and began regular programming on 4/2.

Now for that postcard from PAUL GAINES (Detroit MI). He mentioned that Channel America was seen listing its LPTV stations on the screen:

29 Cleveland OH  
62 Columbus OH  
8 Glen Falls NY  
20 Philadelphia PA (I haven't seen it. -wbf)  
55 Huntington WV  
40 Carlisle PA  
14 Syracuse NY  
18 Syracuse NY  
13 Minneapolis MN  
13 St. Louis MO  
33 Des Moines IA  
31 Marshalltown IA  
68 Raleigh NC  
68 Norfolk VA  
15 Oneonta NY  
61 Gloucester VA  
7 Fort Meyers FL

Paul also questioned why the NATVDB reported KUSK-7 (Prescott AZ) as being a weak station. That's what it is, and I don't know if the station has any plans on increasing its power.

JOHN EBELING (Bloomington MN), who recently returned from Barbados, sent a TV schedule from its government station, CBC-TV in Bridgetown. A note taped to it reads, "CBC TV Channel 9 is state-owned and full-colour. The station carries CNN's newswatch in the mornings. Subscription Television (STV) has recently been introduced and is available on Channels 14, 18, 22."

The station operates 5:40 a.m.-1 p.m. and 4-11 p.m. weeknights (to 12:42 a.m. Friday night), 8 a.m.-11 p.m. Sunday, and 9 a.m.-12:40 a.m. Saturday. Broad mixture, some CBS programs, old syndies, soaps, cartoons, movies, educational, cultural, news, religious, and several programs whose names are unfamiliar, possibly locally produced.

It's interesting to note that CBC TV is now on channel 9. The NATVDB and earlier references had it previously on channel 3.

John writes, "Locally in Mpls/St. Paul, contrary to what I was told earlier, both ch 62 (W62BD) and LPTV ch 7 (K07UI) will be carrying the Value Vision International 'network' this spring on a 24 hour basis of selling stuff. Also claim outlets to be in Cleveland, Detroit, Chicago, Boston, Kansas City, San Diego and Oklahoma City as well as Mpls/St. Paul. Therefore, ch 7 will not carry KTMN-23 programs as I was informed previously."

Next we come to the Great Plains. FRED McCORMACK (Fargo ND) writes, "I have a few observations on the New Stations on the Air portion of your March 1990 column:

"**NC Morehead City; WFXI; ch. 8:** Modified construction permit file BMPCT - 880907 was granted 03/16/89 (817/810g/817s). This is the application which you referred to and I presume describes the operating facility." (Fred's antenna heights are in feet. This is the same as the application to which I referred. -wbf)

"**OR Klamath Falls; KDKF; ch. 31z:** Modified

construction permit file BMPCT - 890606KG was granted 07/26/89 (6.0 kw 2267r/145g/6579s). This is the application which you referred to and I presume describes the operating facility." (Likewise; let me correct the 3/90 column, in that 691' should have been 691m. -wbf)

"**SD Rapid City; KCLO-TV; ch. 15-** This replaces Midcontinent's K15AC. KCLO-TV is listed on KELO-TV ID slides along with KALO-TV and KPLO-TV, but apparently is not a true satellite. Television Factbook lists a studio address and mailing address for Rapid City. A review of TV Guide shows that some 'KELO-TV' syndicated programs are run simultaneously on KCLO-TV, but network programs are shifted to fit Mountain Time status.

"Sorry to see you offended Jeff Kadet. I'm sure your mention of the other TV Guide dealer was quite innocent! My personal opinion on commercials in the VUD is that they belong in a distinctly separate section, although not necessarily paid for.

"Also, I don't think Albert Lobel has to worry about the FCC blocking distant signals at his antenna. The 'communists' trying to block his television signals are of course 'capitalists' trying to protect their investment. I'm sure Mr. Lobel would feel differently if he were a local broadcaster who had paid a premium for program exclusivity in the San Diego market only to have a cable operator nullify it without paying any premium at all. That is not to say that I am not sympathetic toward the cable operator faced with the complicated task of removing individual programs which he had nothing to do with selecting and the hostility of an audience who doesn't understand why he is doing it. I do feel that if preservation of local over-the-air television is in the public interest then syndication exclusivity is also in the public interest."

Lastly, we come to the Pacific Coast, with news about California. Buffalo BILL THOMPSON (Buffalo NY) forwarded an article from the 1/26 *San Diego Tribune* about KUSI-TV, ch. 51, San Diego CA: "University Television Inc., the parent corporation behind debt-ridden KUSI-TV, Channel 51, has filed for financial reorganization and protection under Chapter 11 of the federal Bankruptcy Act." "KUSI-TV will be allowed to continue operating, but all creditor actions against the corporation and the station are placed on hold until a court-approved plan is worked out to reorganize the firm and pay creditors."

"[Michael] McKinnon [minority shareholder of University Television], in a Superior Court lawsuit, is demanding immediate payment of more than \$6 million in loans, and threatened to force KU51 off the air by seizing its transmitter and other equipment he owns, if a deal to purchase the university's shares fails."

JIM PIZZI (Paso Robles CA) sent an article from the 2/1 *Bakersfield Californian* about another bankrupt television station. "The owner of an Oxnard television station wants to negotiate to buy KDOB-TV Channel 45 in Bakersfield, thereby offering competition to the controversial proposal by country singing star Buck Owens to buy the station owned by his sister, Dorothy Owens. Riklis Broadcasting Co.,

the owner of KABY-TV, Channel 63 in Oxnard, has informed the U.S. Bankruptcy Court in Fresno — where KDOB has filed for financial protection under Chapter 11 of the federal bankruptcy codes — that it has renewed earlier attempts to buy KDOB."

"The disclosure of an interested buyer in addition to Buck Owens comes at a time when [bankruptcy attorney Bruce G.] Landau has postponed a bankruptcy hearing that was scheduled for Jan. 25 involving the proposed sale of KDOB to Buck Owens, and the pendency of four separate objections to that sale before the [FCC] in Washington, D.C. The bankruptcy hearing is now scheduled for Feb. 28 in Fresno.

"Those objections were filed in late December and early January by four television stations broadcasting in Bakersfield.... Those four stations have alleged in petitions before the FCC that Dorothy Owens and Buck Owens have collaborated since the beginning of KDOB to enable the station to be sold to Buck Owens. The FCC petitions by the four stations say Buck Owens, who owns Bakersfield radio stations KUZZ AM-FM, would normally be precluded from buying a television station in the same town, but he could obtain FCC approval to rescue KDOB from a bankruptcy action. The four television stations said they are concerned with the economic clout Buck Owens would have in competing for limited advertising dollars if he were able to have both a radio and television station."

**RANDY MILTIER** (San Jose CA) sent this article from the 2/10 *San Jose Mercury News* about educational stations KQEC-32 and KQED-9 in San Francisco: "In a ruling handed down Thursday, the FCC unanimously upheld a 1988 decision to yank KQED's license to run KQEC and give it to a group of minority business people." "What the commission did here was agree with the review board that KQED lied about its reason for taking KQEC off the air for six months in 1979-80." "Officially, KQEC went dark a decade ago because KQED was making technical improvements to the signal of the station it had been given by Metromedia in 1970. However, others contend — and the FCC has now agreed — that Channel 32 went off to save its parent company money, about \$130,000 at a time when KQED was half a million dollars in the hole. It had taken KQEC off the air before and been warned by the FCC in 1975 that to do so again for financial reasons would not be in the public interest."

"The group to which the FCC awarded Channel 32's license, the Minority Television Project, is a somewhat shadowy organization whose leaders are hard to find."

**FORUM CANADA**

There has been very little news from north of the border in the past several months. The last time I heard from Walter Patton was quite a while ago, and even then he had very little to report.

And wouldn't you know most of what was sent to me from Canada is about United States television.

In fact, **MIKE REID** (North York, Ont.) sent this letter from Florida. "I seem to recall a quote in one of your earlier columns from someone at WNUV-54 (Baltimore MD -wbf) to the effect that

they were going to improve their coverage/service. Then I read of their plans to reduce power. What gives?" (It's called show business, I think. -wbf)

Interesting thing noted on Family Channel (The U.S. CBN one, not our station using the same name); between 0300 and 0500 ET on Saturdays and Sundays, they run 'Praise the Lord' from TBN, complete with TBN's fundraising appeals and the TBN phone number on the screen. LPTV's running Family Channel might be mistaken for TBN's at these times. The Parry Sound station is not one of their low power ones. It was mentioned in a VUD a while back."

From the 3/90 *TVO Signal* "From Friday, 23 February, TVOntario is transmitting the TVO network signal on UHF channel 42 to the residents of Parry Sound region."

From the 2/5 *MacClean's*, an update on Izzy Asper's attempts to create a third national television network. "After a four-year legal struggle, Israel (Izzy) Asper and his estranged partners, Paul Morton and Seymour Epstein, faced each other in a Winnipeg boardroom at 9:30 a.m. on Dec. 14 for a winner-take-all play for Global Communications Ltd., owner of the lucrative Global television system. Refereeing the contest for the Ontario-based TV network was a court official equipped with a hand-held stopwatch to ensure that neither side exceeded the 30-minute time limit for bids. Morton and Epstein opened at \$125 million. The ante was raised 14 times over the next 70 minutes. Then, at 10:40 a.m., Morton and Epstein dropped out, leaving a surprised, exhausted Asper with his rich prize." "[T]he Winnipeg entrepreneur is now embarked on realizing another undertaking—turning Global, and a string of independent stations, into Canada's third national television network."

"Having won the contest for Global, Asper is forging ahead with his bold plan to build a nationwide co-operative system of independent television stations capable of taking on the giant Toronto-based CTV Television Network Ltd. and the Canadian Broadcasting Corp. (CBC). Global's Toronto-based operation in Ontario reaches 12 per cent of television viewers in the province on an average night." "The Toronto station would serve as the flagship station in a network. The system's reach already extends to Winnipeg, Regina, Saskatoon and Vancouver, where Asper's CanWest Capital Corp., a privately owned merchant-banking venture, owns independent stations affiliated with neither of the major networks. He also hopes to soon operate independent stations in conjunction with other parties in major markets in Alberta, Quebec and the Atlantic provinces, where CanWest does not now have a presence.

"Under Asper's plan, the individual stations would be free to independently develop and broadcast local programming—and would pool their resources to create more ambitious programs for a national audience. If that happens, Asper says he will have a fully operational national network. Moreover, the CanWest system would include a lot more programs produced in Western Canada, a goal that gives Asper particular pleasure. He added: 'The central Canadians who have all the political and economic clout in

Canada do not have an accurate picture of the West. We hope to change that. People should not have to move to Toronto to express themselves."

"Last October the Manitoba Court of Queen's Bench ordered the warring parties to resolve the ownership deadlock by auctioning the company to the highest bidder—setting the stage for the dramatic Dec. 14 showdown...."

**DAVE SINCLAIR** (Vancouver B.C.) asks, "I noticed in the Yakima Herald TV listings, KCV-TV Channel 53 which appeared to be an independent Fox station. I had not heard of this station before. Do you have any info on this station?" Sounds to me like another LPTV disguising itself with authentic broadcast station call letters. I'm surprised that Fox would be affiliating with LPTVs, however, but maybe they're desperate for affiliates. My guess, and it's only a guess, is that the call letters might be something like K53CV and they took out the numbers.

From the 2/19 *Broadcasting*, sent in by Dave: "Three new transmission technologies are now competing for the dollar of UHF-TV broadcasters. During the mid-1980's, the klystron tube, an outgrowth of research for the space program, was introduced by Comark Communications. The tube claimed to cut in half the cost to power a UHF transmitter compared to the cost of powering transmitters with conventional klystron tubes.

"Last year, a new klystron tube developed by

the British-based Varian Associates went on the market. The multi-stage depressed collector (MSDC) klystron boasted performance levels almost identical to that of the klystron.

"At this year's National Association of Broadcasters Equipment Exhibition...those technologies will be displayed next to a solid-state UHF transmitter.

"Solid-state versions of AM, FM and VHF transmitters will also be the featured models at NAB booths. Broadcasters buy them to replace old transmitters not only because of energy savings, but for improved reliability and maintenance. Because of the modular construction of the systems, if one part of the unit fails, other modules continue to operate independently and the station does not go dark."

**LASTLY**

To the person who sent me two letters addressed to "John Fahber": let it be known that I changed my name back to "Bill."

Also a few apologies are due. Last month's one-pager was a result of my own procrastinating. As for this month, the library was three weeks behind in its reference material. So look for a much larger data section in next month's column. That is, assuming the library catches up.

One recent note for the east coast: WNEV-TV, ch. 7 in Boston MA is now WHDH-TV.

Until next month....

It's E-Skip season!

Be Watching

and

Listening!



SUPPORT  
WTFDA

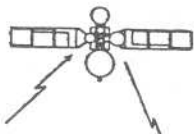


DX!



-kmm

# SATELLITE NEWS



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

Much to report this month. Every day brings something new or something off.

Family Network is seen now on Satcom 4 XPRD 5

Sports Channel - Bay Area - Westar 5 XPRD 15 currently in the clear.

Ha - The Comedy Channel - as reported last month - Galaxy 3 XPRD 23. The Family Net which was here is reported above.

3 Angels has moved from Satcom 1 XPRD 16 to Spacenet 1 XPRD 24.

Stardust - in the surprise of the year has ceased operation - this was on Galaxy 2 XPRD 2. Yet their Porn channel - TuXedo is still operating on XPRD 4 at this writing. Subscriptions to Stardust have been transferred to Showtime.

ECO - the Spanish All News Service from Televisa Mexico City has moved from Westar 5 to Spacenet 2 and is carrying the Mexican Rock station as a subcarrier that was on Galavision (Galaxy 1 XPRD 20) and is no longer on Galaxy 1 (Galavision).

As a result of a large lawsuit - American EXXtasy is off. Was on Spacenet 1 XPRD 18. Remaining subscriptions were transferred to TuXedo.

RTP - the Azores service to North America keeps switching all over the place. Last seen on Westar 5 XPRD 24 - 6:00-6:30 PM. The time remains constant but which Westar and which XPRD varies. RTP - Lisbon also noted on same bird and XPRD Sundays 8:30 - 9:00 PM with Portugal Magazine - in Portuguese.

Scola has moved to Spacenet 2 XPRD 20.

Satellite Real Estate Network noted Westar 5 XPRD 4 - Friday at 6:30 PM

XHST - ch 13 - Trecevision - Merida, Yucatan, Mexico on in the evenings (s/on 6:00 - 6:30 PM EST) - Morelos 2 XPRD 2.

Jim Pizzi from Paso Robles reports the following info on Morelos 1.

XPRD 7 - Sports/Variety Programs - source?

XPRD 9 - "Super Canal"

XPRD 11 - ESPN in English with Spanish voiceovers sometimes)

XPRD 21 - XHQP - Ch 7 - Chetumel, Quintana Roo - Mexico.

XPRD 23 - XSLPN - Ch 11 - Mexico City (FYI - I - Instituto, P - Polytechnico, N - Nacional) My Spanish isn't too good

but I think you get the meaning of the calls.

on the Ku side he reports that XHMT - Trecevision is on 11.8520 // to XPRD 2. I have noted lately that Trecevision XPRD 2 is running a color-bar with music instead of programming. I wonder what's going on here.

That's all for now - see you in 30.

73's *George*

# FCC FM NEWS

Readers' Reports

Your membership dues in the WIFDA are at work, when you consider all the articles recently published on selectivity improvement. This I see as one of the finest functions a radio club can perform—showing techniques for improving DX reception. I have been modifying radios of people who did not even ask for modification, to see what the reaction will be—if any will notice changes in fidelity and if they mention being able to hear new stations in their local areas. I have a Proton 930 receiver which received the FM/SCS treatment and a selectivity modification with 150 kHz Murata filters. Ninety-two kHz SCS was no problem with that receiver, even after the selectivity mod, although the 92 signal was somewhat weaker than the more robust 67.

Please refer to the Feb. article by Bill Nollman, p. 25. Like many digital receivers made for either the European or North American market, the Proton has a small slide switch, near the front of the radio circuit board, "Eur" and "American" positions. The European position gives tuning in 50 kHz increments, and of course, throws the AM tuning off. You don't have to face the cruel choice of settling for European tuning and then losing AM, but you can add a simple binary, "on-off," switch, with leads connecting as shown. Leave the switch on "Eur," and control it from the new switch, which you could mount at the rear of the receiver. However, with the more selective 150 kHz filters, tuning away from a strong local doesn't always work. The reason: the FM station signal is no longer wide enough to side tune in on.

Bill Nienjadly claims DXers can also delete AFC for even greater selectivity on sets that always have that feature on. If you have a VOMeter, clip the ground lead to the chassis, and probe with the red (positive) lead near the tuning capacitor. Switch the VOM to DC volts and with the antenna connected and receiver on, start tuning across the FM dial. "Look for a change in voltage as you are tuning the dial. . . Try to trace the circuit back to the beginning," maybe a diode or a wire leading to the tuning capacitor. "Cutting this can delete the AFC. Then check the AM and FM sections to see that you did not cut the wrong wire; if so, resolder it and cut elsewhere. Eventually you will find the right spot and you've done it! Hint: car radios are the easiest to delete AFC, with the circuit board sometimes having the lettering AFC on it! Just cut the path and good luck! Note of warning: I don't recommend this on tube sets where voltages can be high, but most internal circuits of modern tuners [in and near the FM sections at least—ed.] have a maximum voltage of 14, so working on these is relatively safe! You must have some radio experience to do this; if not, leave it to a ham friend or TV/radio service center to be safe if you're not sure. This modification is more complicated than just changing filters!" I tried Bill's method on a receiver and never found the true AFC point, although there were diodes, resistors and IC points that yielded changing voltages. When I severed one circuit the stereo light went out; another, the tuning meter failed to function; another

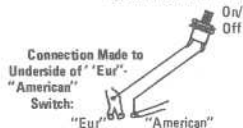
gave impaired audio and more distortion; still another, no audio—so I left the radio the way it was. Still the promise remains. Bill says: "This modification can bring radios useless for DXing back to life! Bruce, tell DXers to get hold of a good analog car radio, modify it with the 150s and enjoy razor sharp selectivity! Digital car radios can benefit from filter mod, but not as dramatic as the analog car radios! There is a loss of sensitivity with the 150s, but it can be made up with an FM car amp! The 150s do sound tinnier (less bass and midrange) but who cares really? It IS a trade-off and well worth it!" For removing filters, rather than using solder braid, Bill recommends Radio Shack's desoldering iron. A DXer in Philly with a modified Scott receiver (six 180s!) is getting NYC adjacents. "I modified a DX-440 Radio Shack and I could honestly say it compares very favorably with a home set, with 150s—unusual for a portable," and an Audiovox car radio also works well on adjacents with 150s in it.

Bill sent a Doonesbury cartoon from early March satirizing light rock and NPR, and probably "lame radio." Another story was about WFMU \*91.1 East Orange NJ and the possibility the FCC may cut its power, which the station claims would "effectively cut off 2.2 million homes, and reduce our revenue base accordingly," while one of the stations affected by WFMU's too-robust signal is WFUV \*90.7 New York, which has applied for a height increase. "Station stinks," Bill says of WFMU. Really, Bill, it isn't "lame," though, is it? I wonder why Upsala College cannot at least partially fund WFMU, rather than forcing the station to be entirely dependent on its listeners. WKXW 101.5 Trenton now "NJ's 101.5" (strict); does it still ID with New Brunswick, Bill?

Bill also sent a piece about W276AQ Fort Lee NJ changing primary to Z-100. "Turro simply has gone too far with putting a grade A local Z-100 on a translator and it's only 6 km from the 100.3 transmitter! I'm going to enlist the help of other DXers and radio listeners to see what legal means we can take before Turro blocks every class A with Z-100! It's flagrant abuse of the public airwaves! If Turro is getting "paid-off" by Z-100, then it might be illegal." At last report that translator and Pomona 94.3 are both off the air. Karl Zuk also comments on W276AQ: "Now I know that this is definite translator abuse. Z-100 melts radios in Fort Lee, just over the George Washington Bridge from Manhattan. This is Xerox radio! Yawning in New York—"

My guess is that Turro is reacting to the new "horrible" FCC proposal for translators. It is legal to receive compensation from the primary for running a translator. I am receiving payment from WCDK, "K-100" Virginia MN for my Hermantown MN translator, but that could change. The FCC proposes that third-party-owned translators outside the primary of an FM station not be reimbursed for operating expenses for the translator, but rely only on a 30' per hour donor announcement. However, for translators within the primary (where they are the least necessary), any arrangement between the parties for payment would be OK, as far as the FCC goes. I can see Turro cluttering the dial with local signals because that's the only way he could legally collect for his expenses. I, too, may have

SPST Switch, Mounted at Rear of FM Receiver or Tuner







# WTFDA CONVENTION '90

WTFDA Convention 1990 is coming soon! Time to start planning on attending. It will be held at the Old Town Inn in Manassas, VA (about 30 miles from Washington D.C.) There are plenty of things to see & do in the Metropolitan area. (something for everyone). Family members welcome!

## TENTATIVE AGENDA

### FRIDAY, AUGUST 3rd:

The convention will open at 5:00 p.m. with a pizza party shortly there-after. Plenty of munchies & cold soda will be available throughout the weekend.

The evening will be a time to meet new & old friends, DX, open flea market, trade & promotional items, etc...

Convention will close at 11:00 p.m.

Note: If there is interest in station tours and enough members arrive early on Friday, the opening time will be earlier.

### SATURDAY, August 4th:

Convention will open at 10:00 a.m. with brunch provided shortly there-after.

The afternoon will consist of a tour of PBS microwave link near Springfield, VA and then on to their studios in Alexandria, VA. For those of you not interested in the tour - there will be continued DXing, trading or swimming at the INN.

A catered buffet dinner will be served around 6:00

The evening will feature Tech Talks & more. For those willing to give a 15-30 minute tech talk or slide presentation please let me know!

Convention closes at 11:00 p.m.

### SUNDAY AUGUST 5th:

Convention opens at 10:00 a.m.

Either brunch or lunch will be provided.

There may be a optional tour of a nearby T.V. station.

Continued DXing, trading, flea market, etc... will continue throughout the afternoon.

Convention closes at 4:00 p.m.

The fee for the convention this year will be \$45.00 per person and includes:

All your meals listed above plus plenty of cold soda & snacks available throughout the convention. The cost of renting the room for meeting, station tours, equipment set-up, any rentals of misc. items. etc...

I have reserved a block of rooms at the Inn. The cost is \$37.00 for 1 person 1 room. \$40.00 for 2-4 people per room. (now is the time to get together with your friends to save on room costs). We would like to see as many people as possible stay at the Inn for convenience (since the meeting room is right there) but there are several other hotels located nearby. (a list will be provided, if requested SASE) I will also make your reservations at the Inn for you if you request it when you send in your registration fee. If you prefer to make them on your own the number is (703) 368-9191. Mention you're with WTFDA. There is a swimming pool available so bring your suits!

Directions for Old Town Inn in upcoming issues.

Deadline for registration is June 15th. You must pre-register to attend!! Registration fee is non-refundable. For confirmation of pre-registration your cancelled check is your receipt unless SASE enclosed & for confirmation of lodging enclose 15 cent stamp.

## REGISTRATION FORM

NAME \_\_\_\_\_ INTERESTED IN TOURS \_\_\_\_\_

ADDRESS \_\_\_\_\_ NEED FLEA MARKET SPACE \_\_\_\_\_

\_\_\_\_\_ DAY OF ARRIVAL \_\_\_\_\_

PHONE NO: \_\_\_\_\_

NUMBER ATTENDING \_\_\_\_\_

WOULD YOU LIKE ROOM RESERVATIONS MADE FOR YOU AT THE

INN? \_\_\_\_\_ IF YES, HOW MANY IN PARTY? \_\_\_\_\_

WILLING TO GIVE A TECH TALK? \_\_\_\_\_ IF YES, TOPIC \_\_\_\_\_

ANY IDEAS ON SOMETHING YOU WOULD LIKE TO DO OR PERHAPS SOMETHING YOU'RE TIRED OF DOING? ANY COMMENTS WELCOMED. (USE SEPERATE SHEET IF NEEDED) \_\_\_\_\_

SEND TO: MICHAEL WIMER, 14508 DARBYDALE AVE., WOODBRIDGE, VA 22193.



# PHOTO NEWS

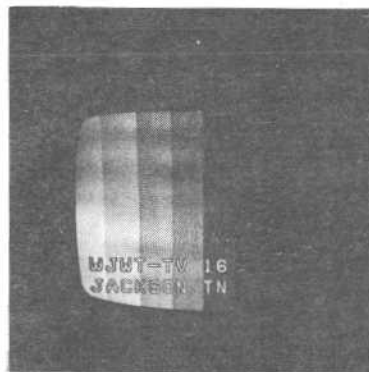
MAY 1990

Our first reporter is; William Eckberg - Dixon Illinois. Equipment: 1966 Zenit, low model 14N22, modified Zenith 175-1962 detent tuner, Channel Master 1110 VHF antenna. Channel Master 7 foot UHF parabolic antenna with Winegard PA4975 preamp on a 40 foot tower.

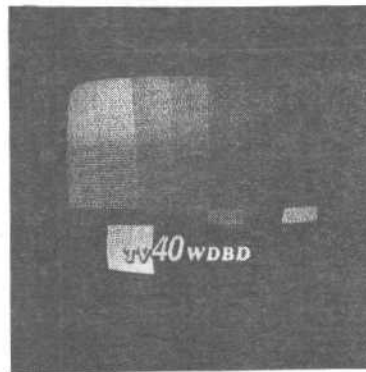
## Mailing Address:

PHOTO-NEWS - 12284 Nice Road - Akron NY  
14001-9529

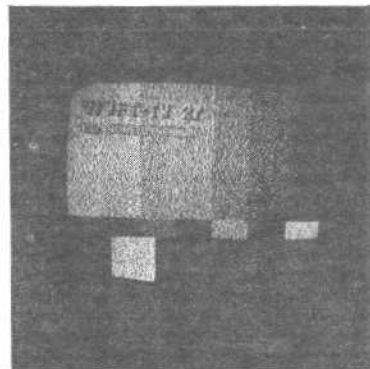
Photos submitted to PHOTO-NEWS become the property of this column and will not be returned.



**WJWT-16**  
Jackson Tennessee  
419 mile tropo  
seen March 10 1989  
at 0320 CStime



**WDBD-40**  
Jackson Mississippi  
651 mile tropo  
seen March 10 1989  
at 0345 CStime



**WVFT-27**  
Roanoke Virginia  
583 mile tropo  
seen August 3 1989  
at 0305 CDTime



**WTBS-17**  
Atlanta Georgia  
610 mile tropo  
seen August 31 1989  
at 0310 CDTime

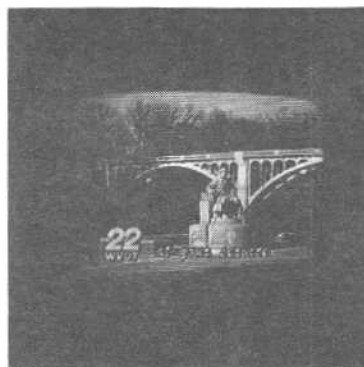
# PHOTO NEWS

MAY 1990

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

EDITED BY  
David J. Nieman

there will be more DX fotos from Bill next month.



**WVUT-22**  
Vincennes Indiana  
231 mile tropo  
seen August 31 1989  
"only seen 3 times"

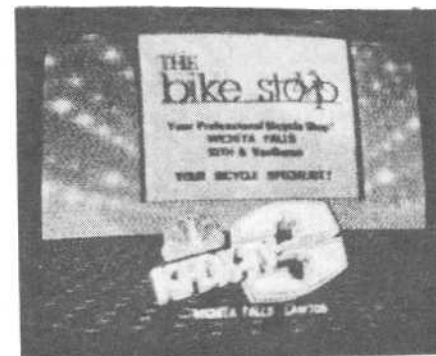


**KARD-14**  
West Monroe Louisiana  
651 mile tropo  
seen September 4 1989  
at 0530 CDTime

Next are some 1990 winter E-skip fotos taken by Dave Nieman - Akron New York  
Equipment: see April 1990 VLDJ page 24.



**KMTV-3**  
Omaha Nebraska  
898 mile E-skip  
seen January 2 1990  
at 1200 ESTime

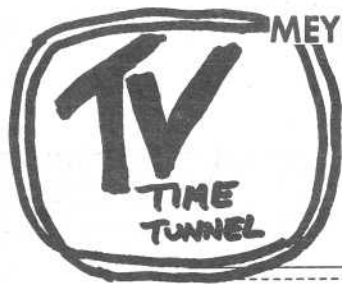


**KFDX-3**  
Wichita Falls Texas  
1246 mile E-skip  
seen January 18 1990  
at 1157 ESTime

Please note address change back to 12284 Nice Road Akron New York. Till next time.

DAVE





**MEYER BROADCASTING COMPANY**  
BISMARCK, NORTH DAKOTA



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

**THE GREAT GROCERY CRASH**

**SETTING THE SCENE:** In the early days of small market television it was common for staff members to wear a lot of different hats. When I began my broadcast career at KFYR-TV in Bismarck in 1956 I was assigned duties in the film/projection department, did some 'booth' (off camera) announcing, and operated the [there was only one] RCA image orthicon studio camera. Part of the cameraman's job was to set up displays for commercials. This particular incident involved grocery store sponsorship of the local news at 6 PM. Remember..these were pre-videotape days..everything was LIVE! Heck, we didn't even have a zoom lens!

**APPROACHING ZERO HOUR:** To set up for this particular spot I had wheeled a large table into the studio, topped it with two three-tier risers, covered them with cloth drapes, and then loaded them with everything from cans to cantaloupes...complete with a price tag attached to each item. By 5:15 everything was ready. At 5:59 the newscaster was behind the anchor desk, the announcer for the commercial insert was standing beside the "Saveway Superette" sign and display, and I was behind the camera with everything in focus and ready to go.

**IMPENDING DISASTER:** "Cue MacLeod," the director commanded through my headset. I gave the signal and he began with a few headlines and finished up the brief intro saying, "...details on these and other stories coming up." At that point the video switching engineer punched up a slide identifying the sponsor, and the booth announcer read the opening credits. During those few seconds my job was to change from the wide-angle lens to the mid-range lens and swing the camera around for a full shot of the sign, the announcer and the display. On command I eased the huge camera ahead toward the target...smoothly focusing, tilting and framing...everything looked great. Then.....

**CRASH !!!:** It sounded like the world had come to an end! Everything had disappeared from the viewfinder in what looked like an avalanche! The director was screaming, "DOLLY BACK, DOLLY BACK!!!" As I pulled back, I was stunned by the awesome devastation. I had NOT changed lenses; and as a result, while going in for a close-up, had soundly hit the display table with the front leg of the camera tripod.

**THE AFTERMATH:** Groceries had been launched like missiles. There were cans, fruits, vegetables, and meats all over the place..but mostly on the floor in front of the table. As the disaster area came into full view on screens all over Central North Dakota; the announcer regained his composure, looked at the camera, chuckled a little and said, "I don't see any reason a little boo-boo ought to slow us down!" At that point he knelt on the floor, snatched up a stray price tag, looked at it, and stabbed it into a glob of raw hamburger (also on the floor) saying, "...39¢..that's today's special price on ground beef!" He continued the price tag routine for the rest of the spot..which wound up being about two minutes long. Of course he had no idea which items the tags really belonged to, but somehow it didn't really matter much at that moment of great crisis. After all, "The show must go on!"

**NEXT MONTH:** What the boss did!

# EASTERN TV-DX

Bill Niensjadly  
98 Highland Ave  
Clifton NJ  
07011

May 1990

Deadline the 5th

855 mile trop from SC to Mass/770 mile trop from Texas to Florida/A rare 345 mile short hop E-skip/Cuba on trop to the Miami area/ Florida to Maryland trop / F2 grace's Connecticut with AUDIO from possibly Germany and what looked like a European commer call cluster was seen/DXpedition at 4683 ft!/ 1504 mile E-skip from Cuba to Canada/

Those are the headline's of this month's installment of ETVDX, this issue complete's all the backLog's sent here from HQ, & new stuff too! Read on.

Michael Hollis 40 Lakewood St Mary Esther Florida 32569

October 1989

3 Tr 0915 WQWL 15 AL 320	13 Tr 1630 WJPM 33 SC 320	11 Tr 0550 KIXT 20 TX 540
0916 WIRT 26 AL 320	1640 WNEH 38 SC 370	0555 KLRN 9 TX 740
13 Tr 1545 WJRA 26 NC 590	1641 WRJA 27 SC 450	0600 Houston 14,20, and 39 TX 540
1550 WGGG 16 SC 390	1650 WJWJ 16 SC 380	0640 KHSH 67 TX 520
1555 WECT 6 NC 580	1659 WCES 20 GA 350	0645 KXLN 45 TX 570
1600 WHNS 21 NC 420	1700 WJZY 46 NC 470	0646 KVUE 24 TX 690
WSPA 7 SC 430		0700 KETH 14 TX 540
1601 WJCL 22 SC 350	November 1989	WLA 33 LA 280
1625 WUNG 58 NC 500	2 Es 2000 XRIO 2 MX 760	0705 KLTL 18 LA 390
1626 WACH 57 SC 400	4 Es 1000 KUSD 2 SD 1050	0710 KWEX 41 TX 540
		0715 KLPB 24 LA 340
		0720 KIMD 48 TX 510
		0723 WLPB 27 LA 280
		0730 KRRT 35 TX 770
		0750 KVDA 60 TX 740

The spring like weather in early November produced a nice opening into Texas, However not the quality seen in March and April, total station count after 11 month's back at the control's is over 300. My success in QSL-ing is much lower. Return rate is around 15% compared to 60% in the early 80's. Several new station's on the air: WMPV-21 Mobile AL. WPAN-53 Ft Walton Beach FL is back on again. Ch 46 from Naple's on with TP w/o ID Happy Holiday's to Everyone

Jim Renfrew 61 Wilcox St Rochester NY 14607

July 1989

31 Es 0955 KTBS 3 LA 1125	6 Gw 0300 WKBW 7 NY 70	15 Tr 0220 CKCO 13 ON 150
WREG 3 TN 879	0340 CHEX 12 ON 90	16 Gw 0210 WSYT 68 NY 75
	9 Es 2320 WBRZ 2 LA 1180	17 Gw 0010 WNET 17 NY 70
August 1989	12 Gw 2020 CBLFT13 44 90	
2 Es 0900 CIII 2 ON 130	2030 CBLFT12 15 ON 75	

Having attended the Syracuse convention, my enthusiasm for TV-DX is only limited by my lack of equipment. How can I obtain a LPITV list for CA, NC and NY? The folk's at Syracuse had one, but I neglected to get the info on how to obtain one. ( Jim kindly mention's that he think's that ECO which is seen on skip is likely based in Mexico City-BN)

Peter George (N1GGP) 24 Columbia St Apt 1-F Brockton MA 02401 (508) 584-0374

HI Folk's,

It's has been a long time since my first and last musing. So a introduction is in order. I am 30 yr's old, married and the proud father of a 2 yr old girl named Kyle. I am currently Station Engineer for WBET/WCAV (FM) in Brockton Mass. In addition, I am week end Master Control operator at WHRC-TV (46) in Foxboro Mass. This year's WITFA convention in Syracuse was a blast. The DX was made to order as we were able to view station's like WCCO-4-MN, KPRY -4-SD, KUSD-2-SD and a host of other's. I was able to some mountaintop DX, after the covention in the Lake Placid region of upstate NY. The place...high atop... Whiteface Mountain, elevation 4683 ft above sea level. Using a simple Watchman portable with built in antenna, I was able to make some great catches. CBFT-2-PQ, WCAX-3-VT, CBOT-4-ON, WPTZ-5-NY, CBMT-6-PQ, CJOH-6-ON, CHLT-7-PQ, WMTW-8-NH, CJOH-8-ON, CKSH-9-PQ, CBOFT-9-ON, CFIM-10-PQ, CBLFT-11-ON, CFCF-12-PQ, CJOH-13-ON, WNPE-16-NY, CIVM-17-PQ, WNPL-18-NY, WCDC-19-MA, WVTB-20-VT, WNNY-22-VT, CIVS-24-PQ, CICO-24-ON, CFTU-29-PQ, CIVO-30-PQ, CFKS-30-PQ, WNEE-31-NH, WETK-33-VT, CFJP-35-PQ, CHOT-40-PQ, CFGS-49-PQ, WYFV-50-NY, W55AI-55-NY (WNNY-22 xltr) WCFE-57-NY (Ed. note I'll print bandscan's of member's from mountaintop and super location's only. It is my opinion that other member's might be inspired to DX themselves if they see what a great location it really is and they might want to make the trip too-BN)...Til next time, 73's and good DX !!!!! Peter

Matt Sittel PO Box 21441 Raleigh NC 27607 (919) 737-5477

August 1989

24 tr 0827 WOLO 25 SC 173	9 tr 2230 WRLH 35 VA 135	13 tr 0749 WRJA 27 SC 155
30 tr 2159 WRJA 27 SC 155	11 tr 0201 WJCL 22 GA 294	WNSC 30 SC 145
2350 WRLK 35 SC 169	WOLO 25 SC 173	WTSG 31 GA 420
WACH 57 SC 169	WYAH 27 VA 144	WRLK 35 SC 169
31 tr 0050 WIAT 24 SC 200	WIVZ 33 VA 142	
WOLO 25 SC 173	0724 WEBA 14 SC 233	Note:re WEBA-14.....
0821 WIAT (STILL IN)	WIAT 24 SC 200	At 0730,WLFL -22 had a
0850 WRLK 35 SC 169	WRLK 35 SC 169	breif break,which left a
	0829 WJCB 49 VA 156	dark screen,clearly
September 1989	0956 WHKY 14 NC 150	visible was WJCL-22 ID!!!
1 Tr 0759 WIAT 24 SC 200	13 tr 0749 WEBA 14 SC 233	WEBA audio on scanner
7 tr 0843 (Columbia, 25	WLTX 19 SC 162	
35,57)	WGXA 24 GA 345	
9 tr 2230 WHRO 15 VA 142	WOLO 25 SC 173	
WIVZ 33 VA 142	WAGT 26 GA 239	

I mentioned last time how unusual that I saw E-Skip 2 yr's in a row the day before I left for school. What are the odds that the best tropo DX fall's on Sept 13th, 1988 & 1989!? In 1988 I saw my best tropo ever, WIOG-44. This time WTSG-31 & WGXA 24 my best DX of thye tear so far. No tropo seen due to Hurricane Hugo. (Yea you're right all I seen or heard was Zilch here too-BN) Where in relation to the storm do you need to be, to get any good DX from it? (I dunno-BN) In fact the worst DX has been in the last week before Hugo! Note I know there is a 200 mile logging limit, but I included some under 200 stuff a lot of it is Very Rare, and otherwise I wouldn't show how good DX Really was. Considering I'm holding a 4 Bay ant in my hand, I find Columbia to be great. (Matt there is no longer any limit on mileage's in EIVDX, but... If sta-tion's are reported in excess, then I might be forced to delete them if it get's too common, fair 'nuff?-BN) Hopefully DX is great where you are 73's Matt.

Editor's note; You might have noticed I have eliminated the tentative's and Unid's from these dated report's mainly because of we now have a Unid section again in the VUD. I will print Unid's in up to date report's only if there is information that might be helpful to other's, such as if the unid show's the MUF at a given time and or if the unid show's somehow the direction of the opening be it tropo's or Es -BN

Tom Bryant 849 Todd Preis Dr Nashville Tenn 37221 CDT

July 1989

1 Es 2159 KOTA 3 SD 1024	August 1989	18 tr 0146 WIVA 9 MS 198
2 Es 0003 KREG 3 CO 1138	3 Tr 0118 WCPO 9 OH 250	0159 KTVI 2 MO 257
0032 KTVS 3 CO 926	0138 KAIT 8 AR 226	KPLR 11 MO 254
1628 KLINE 3 NE 743	0141 WAKA 8 AL 268	30 tr 2116 WCPO 9 OH 250
1756 KSNW 3 KS 598	0210 WSB 2 GA 212	2130 WIHI 10 IN 223
1759 KSWK 3 KS 799	2159 KDLR 10 MO 345	2158 WILL 12 IL 293
1859 KENW 3 NM 963	4 Tr 0110 WALA 10 AL 372	2203 WKRC 12 OH 250
1901 XEPN 3 CI 938	2329 WBIR 10 TN 165	2212 WHAS 11(IN)170
4 Es 2200 KBITX 3 TX 647	5 tr 0154 WAKA 8 AL 268	2217 WCIA 3 IL 293
5 Es 2028 KDLO 3 SD 832	0159 WVIM 13 AL 175	2305 WISH 8 IN 262
2228 CBWFT 3 MB 1087	6 Es 1300 KSWK 3 KS 799	31 tr 0019 WTHR 13 IN 271
25Es 1014 CKVR 3 ON 687	13 Ms 0133 KUSD 2 SD 754	0106 WSB 2 GA 212
1029 KSWK 3 KS 799	0200 KXMA 2 ND 1107	0130 WIWO 2 IN 223
1030 WSTM 3 NY 745	0200 KUSD 2 SD 754	0152 WRIV 6 IN 269
28Es 2210 KTVS 3 CO 926	16 Tr 0259 WSB 2 GA 212	0210 KTVI 2 MO 257
2239 KOTA 3 SD 1024	0305 WREG 3 TN 175	
29Tr 0158 WIWO 2 IN 223	17 Tr 0001 WLKY 32 IN 171	September 1989
0200 WIWO 7 IN 140	0002 WNIN 9 IN 140	3 Tr 2054 KOLR 10 MO 345
31Es 1029 KSWK 3 KS 799	0004 WPSD 6 KY 141	2345 KAIT 8 AR 226
1130 KTVS 3 CO 926	0005 WBBJ 7 TN 104	7 tr 0126 KPLR 11 MO 254
1430 KBME 3 ND 1022	KFVS 12 MO 174	0134 KTVI 2 MO 257
1438 KDHL 3 MN 789	0006 WSIL 3 IL 154	25 Ms?0313 KUSD 2 SD 754
1445 CBWFT 3 MB 1087	0012 WIWO 7 IN 140	
1450 XHY 3 YU 1170	18 Gw 2400 W12BV 12 TN 001	

(see next page for Tom's comment's)

Tom Bryant continued On Vacation 7/8-16 (no DX seen in Bismarck)

Re; Local WKRN-2 off, WIWO rarely seen here. 7/31 Es XHY logging, in a 10 minute span, all the Northern US & Canadian Es dissappeared & I made this logging plus several unid-3 Spanish likely a mix of Cuban & Mexican. 8/3 First sighting's of WAKA over 7 year's 8/4 Second time for WBIR & WALA 8/13 Ms KUSD eight more sighting's of KUSD between 0204 and 0438... odd condition's, looked like Ms at first, then a Es appearance & toward the end almost a tr look! (Strange!! Hmm maybe UFO scatter ?.... HI!-BN) 8/18 W12BV new LPTV Home Shopping Net dual ID with LPTV ch 24 in Belle Meade. That's it 73's Tom.

Saul Chernos POB 611 Orillia ON L3V6K5 (705) 327-7809

June 1989

From Orillia 1989	2 tr 0625 CBLFT13 15 ON	22 Es 1100 KPRC 2 TX
8 Tr 0100 WJED 17 NY	CBLFT14 32 ON	23 Tr 0840 CBLFT13 15 ON
WNEO 23 NY	CBLFT12 44 ON	WNEO 17 NY
WUHF 27 ON	0626 WNYB 49 NY	CBLFT15 34 ON
WUHF 31 NY	0630 CFC- 53 ON	WUTV 29 NY
8 Es 1330 KJRH 2 OK	WXXI 21 NY	CB- 20 ON
	31 Es 1900 KUSD 2 SD	0915 CB- 56 ON
		0945 CITY31 31 ON

July 1989

2 Tr 0030 CFC- 55 ON	From Burnt River	24 Tr 0545 CFC- 55 ON
CFC- 42 ON	June 1989	CFC- -42 ON
CFC024 24 ON	23 Es 1730 WESH 2 FL	24 Es 1633 WBRZ 2 LA
0110 WCNY 24 NY	25 Es 2124 WWL 4 LA	1801 KPRC 2 TX
0611 WFTV 50 NY	July 1989	1900 WDIQ 2 AL
0614 CFC- 38 ON	17 Tr 0700 CICAL2 12 ON	1901 WPBT 2 FL
	21 Es 2130 WBRZ 2 LA	2000 KDFW 4 TX
		2316 WESH 2 FL

Notes; CH 27 ON is Global, CFC is tv Ontario //19 Toronto it's just that I'm not sure of call's. 7/2 CBC French station's were in on 15,32,44 with test pattern from W12V 25 Cleveland OH, Here ch was empty, indicating Toronto was not sending out a signal. So I suspect the 3 French outlet's I did get were getting DX from Cleveland. Station's I logged were listed as CB- are CBC English station's, not sure of call's. But in this case they're not always //25 Toronto, some are on earlier with different programming even before Toronto sign's on.

Robert and Vicky Grant, c/o 5775 Bishop Detroit MI 48224

We are presently at a new QTH less than one mile from the old one, but will probably be moved out before you read this. (Probably to the St Joseph MI area, a DXer's nightmare with snowfree signal's from Chicago, Milwaukee, Kalamazoo/G.R. and the South Bend TV station's-bombarded by FOUR market's!) (Ed. Note; I thought my area was bad HI! -BN) 12 May (Carelton) Breif Es KBIX - 3 TX @ 1200 (1060 mi). 14 May much better Es opening 2000 KENW-3 NM and station and state, turn to 4 "60 Minute's" starting, zero offset (0- WDIV), MDT, hence KDBC-4 TX (1450 mi.) new and best DX from Carelton station never seen at Detroit nor Honor ;..... Still 2000 KAVE-6 NM (1300) KAMR-4 TX (1090) (ID) all new. No Es noted in June! (perhaps because I had no access to TV while on afternoon shift job, and DXing was out of the question in mid June). 4 July Carelton a dynamite Es opening 1800 WCPX-6 FL (935) absolutely CATV quality with NX on car crash nr Disney WORLD .WTVJ-4 FL(1120) so strong I wouldn't have known WDIV were ever there! new logo with NBC peacock. WCIX-6 FL (1150) using old logo but with the CBS "eye" in the same place the "33" used to be (defunct xltr in the old logo . WPTV-5 FL (1080) xlnr. all above new Drive from C'ton to Detroit and TX FM on car stereo, unid's on 107.9.3 August (Detroit) Tr 0000 WICD-15 IL (305) new and 150th UHF, So. Bend U's in, 0100 11 0-beat WTOL (minus) fading in/out, must be KPLR-MO or KARE-MN. 7 20khz-WXYZ w/NBC, kept with it to see if it was KWVL or WPBN, 0130 turned out to be the latter (bummer 190 mi). 4 August Es 2330 SRC on 3, ID as Manitoba @2340, CBWFT-3 MB (861). 2355 unid-2 z or -, think 'Dr Who' but not sure, KTC A ? These first 10 day's of August had Es almost every night, but usually only very weak, MUF ch 2 remind's me of 1979 at Honor, but on those night's I didn't WJBK to deal with. Those were the day's!..... WADL-38 Mount Clemens is on the air, The first 5,000,000 watt LPTV featuring Home Shopping Spree in the afternoon's and Hit Video USA evening's. WDIV-4 will not become WJW again, Post/NX Week say's "no sale". WSYM-47 rumored to be possible future ABC affiliate (back when WXYZ-7 was ABC 0 & 0, ABC wanted Lansing to watch them (at 70-80 mile's good luck -RG) but WJRT-12 serve's them there with xmtr west of Flint.

Roy Barstow PO Box 488-T Tea Ticket Mass 02536

September 1989

6 Tr 2345 CKLT 9 NB 345  
 7 Tr 2200 CBHFT5 46 NS 377  
 2215 CBHFT1 3 NS 279  
 2220 CBHT6 8 NS 377  
 2230 CIHF 9 NS -  
 (MITV)  
 2250 CBAFT5 31 PEI 481  
 2258 CBHFT8 34 NS 315  
 2300 WMED 13 ME 288  
 2305 CBHT3 11 NS 279  
 8 Tr 0136 CJCH6 6 NS 336  
 0150 CBHFT6 58 NS 324  
 0152 CBHT7 5 NS 324  
 0230 CJCH1 10 NS 398  
 0242 CBHFT 13 NS 408  
 0245 CJCH 5 NS 408  
 0247 CJCH7 40 NS 279  
 0252 CIHF 18 NS 452  
 (CIHF 8 MIIV)  
 0255 CIHF 20 NS -  
 (CIHF 8 MITV)  
 0310 W22?? (WPVI 6 PA)  
 new xltr??  
 0725 CBHT2 7 NS 308  
 0747 CBHT10 24 NS 315  
 (coastal MD,VA,DC also  
 in this AM)

October 1989

1 Tr 2326 WSKG 46 NY 277  
 2329 WCGC 34 NY 277  
 2 Tr 0030 WVER 28 VT 191  
 (rare)

October 1989 cont

23 Tr 2315 WUNJ 39 NC 660  
 WUNM 19 NC 577  
 WYED 17 NC 592  
 2330 WNC2 9 NC 565  
 WITN 7 NC 565  
 WJKA 26 NC 660  
 24 Tr 0030 WPTF 28 NC 591  
 0118 WPDE 15 SC 688  
 0200 WKFT 40 NC 616  
 0217 WFCT 62 Nct652  
 0220 WGGT 48 NC 635  
 Home Shopping  
 Spree  
 0230 WCTI 12 NC 577  
 0340 WLTX 19 SC 757  
 Movie great's network  
 0400 WRDG 16 NC 614  
 0844 WUNP 36 NC 533  
 0849 WGGT 48 NC 635  
 0915 WTVI 42 NC 705  
 0920 WUNK 25 NC 562  
 0928 WJZY 46 NC 713  
 0930 WGN2 27 VA 455  
 call change,celebrity  
 shopping, went to work  
 late

1300 Home for lunch  
 had to check  
 17,22,19,26,28,36,39  
 48 NC,13 SC 43 SC t  
 Could not believe it  
 some near local  
 quality.

October 1989

24 Tr 2300 WLFL 22 NC 600  
 WTVU 11 NC 591  
 2330 CBHFT546 NS 377  
 Back of ant  
 2340 WPDE 15 SC 688  
 25 Tr 0100 WPDE 15 SC on  
 52 Craddockville VA  
 0115 WBITW 13 SC 687  
 0200 WKEF 6 NC 644  
 0230 WNC2 9 NC 565  
 WIGS 28 SC 855  
 0246 WCTI 12 NC 577  
 0830 WUNK 25 NC 562  
 WRKL 35 SC 763  
 WLTX 19 SC 757  
 29 Tr 2305 WHMM 32 MD 388  
 2340 WHSW 24 MD 361  
 WTVZ 33 VA 457  
 30 Tr 0001 WGN2 27 VA 455  
 0010 WHRO 15 VA 457

November 1989

13 Tr 1730 WMDT 47 MD 345  
 WCPB 28 MD 345  
 WBOC 16 DE 341

A nice opening to the North  
 and then to the South. Did  
 not get much sleep around  
 Oct 23,24 and 25. On those  
 date's not much of DC and  
 and Baltimore seen and if  
 so weak. Nothing further  
 than WIGS 28 SC.

Jeff Falconer Box 63 Clinton ON N6M 1L0

July 1989

9 Es 1229 KOTA 3 SD 1082  
 1230 KIVS 3 CO 1120  
 1300 KDUH 4 NE 1101  
 1340 CJSS 3 SA 1088  
 1352 CKYB 4 ME 1352  
 1400 KGFE 4 ND 852  
 1427 CKCK 2 SK 1176  
 1430 CKND 2 MB 989  
 Tr 1500 WTCM 2 MI 200  
 18 Es 1558 WWL 4 LA 1055  
 1600 WESH 2 FL 1011  
 1658 WEAR 3 FL 956  
 1659 WKRC 5 AL 956  
 1700 WBRZ 2 AL 1060  
 1804 WDSU 6 LA 1050  
 1900 KTBS 3 LA 1009  
 2200 WLBT 3 MS 921  
 22 Es 1330 KLNE 3 NE 946  
 1351 KCNC 4 CO 1249  
 1359 KRMA 6 CO 1250  
 1400 KIVS 3 CO 1120  
 1757 KSNW 3 KS 928  
 1759 KQTV 2 MO 757  
 1800 KIVO 3 MO 589  
 1801 WDAF 4 MO 747  
 1812 KSNC 2 KS 966

22 Es 1829 KTIV 4 IA 746  
 1831 KSNE 4 NE 878  
 2000 KPRC 2 TX 1237  
 2200 KBITX 3 TX 1201  
 23 Es 1230 KENW 3 NM 1375  
 1301 KSNC 2 KS 966  
 24 Es 1724 KPRC 2 TX 1237  
 1727 WBRZ 2 LA 1060  
 1800 KTBS 3 LA 1009  
 25 Es 0008 WESH 2 FL 1011  
 26 Tr 0100 WNDU 16 IN 277  
 0104 CICA 19 ON 105  
 0107 CITY 57 ON 105  
 0118 CFMT 47 ON 105  
 31 Es 1924 KNOX 2 SD 993  
 1929 KOTA 3 SD 1082  
 1930 KIVS 3 CO 1120  
 1948 KIWO 2 WY 1248  
 1950 KGMN 5 WY 1208  
 1959 KLBV 4 KS 1068  
 2020 KDUH 4 NE 1101  
 2100 KRME 3 ND 962

August 1989  
 2 Tr 0021 CFTO 9 ON 105  
 0035 WUIV 29 NY 134  
 0052 WNYB 49 NY 162

2 Tr 0111 W26?? 26 MI ???  
 Detroit LPTV  
 0300 WBNS 10 OH 263  
 0354 WITTE 28 OH 248  
 0625 WPTD 14 OH 329  
 0644 WPTD 16 OH 303  
 0647 WRTG 45 OH 303  
 0654 W67AL 67 OH ???  
 xltr of WVIZ 25  
 0659 WTLW 44 OH 240  
 0726 WSEJ 51 OH 257  
 0730 WJTC 26 OH 283  
 0800 WOAC 67 OH 186  
 2358 WNDU 16 IN 277  
 2359 WICD 15 IL 411  
 3 Tr 0000 WHME 46 IN 275  
 0001 WTLJ 54 MI 227  
 0002 WDJT 58 WI 324  
 0014 WISH 8 IN 353  
 0023 WXIN 59 IN 353  
 0029 WTVU 18 WI 324  
 0040 WZZM 13 MI 223  
 0043 WAND 17 IL 454  
 0045 WXMI 17 MI 214  
 0054 WSJV 28 IN 276  
 0057 WNNB 27 IL 400

Jeff Falconer's report continued from preceedin page

August 1989

3 Tr 0059 WFHL 23 IL 456  
 0107 WRSP 55 IL 487  
 0130 WTTT 64OH 346  
 0147 WCUI 26 IL 334  
 WFLD 32 IL 333  
 0148 WHMB 40 IN 353  
 0204 WCGV 24 WI 324  
 0219 WKEF 22 OH 304  
 0226 WGN 9 IL 333  
 0228 WHBF 4tIL 479  
 0236 WLWK 11 WI 328  
 0244 WUCC 6 IA 478  
 0245 WRTV 6 IN 353  
 0249 WCRF 39 IL 399  
 0252 WLFI 18 IN 344  
 0253 WXIX 19 KY 347  
 0257 WTSN 12 WI 325  
 0258 WKRC 12 OH 347  
 0308 WTTT 6 WI 324  
 0321 WITB 63 IN 377  
 0356 WHIO 7 OH 302  
 0359 WCPQ 9 OH 346  
 0521 WWTW 9 MI 196  
 0529 WWUP 10 MI 213  
 0531 WJHL 11 TN 496  
 0539 WOTV 8 MI 213  
 0540 WBBM 2 IL 333  
 0557 WTRF 23 IL 399  
 0559 WSBT 22 IN 277  
 0619 WHTS 60 IL 334  
 0627 WMAQ 5 IL 333  
 0630 WMCC 23 IN 330  
 0634 WYCC 20 IL 333  
 0712 WKYC 33 IN 256  
 0759 WCVB 52 MI 229

3 Es 1500 KVID 2 TX 1377  
 1604 KFDR 3 TX 1133  
 1756 KSNC 2 KS 928  
 1759 KENW 3 NM 1375  
 1800 KSWK 3 KS ???  
 new station in Lakin  
 // to KOOD-9 Hay's  
 1800 KACV 2 TX 1219  
 1801 KAMR 4 TX 1222  
 1829 KNMZ 2 NM 1428  
 1851 KNOP 2 NE 933  
 1900 KLBV 4 KS 1068  
 2312 KWGN 2 CO 1249  
 2317 KSNK 2 KS 928  
 Tr 2330 WHAY 2 WI 329  
 4 Es 1157 KPRC 2 TX 1237  
 1658 CKCW 2 NB 831  
 1700 CJCB 4 NS 1054  
 1709 CBHT 3 NS 884  
 1721 CJCJ 4 NF 1298  
 1726 WLBS 2 ME 639  
 1745 CBSE 3 CO 838  
 1802 CHSJ 4 NB 760  
 1826 CJCH 5 NS 1055  
 6 Es 1256 KACV 2 TX 1219  
 1257 KVID 2 TX 1377  
 1813 KSNC 2 KS 966  
 1836 WWL 4 LA 1055  
 1857 KTBS 3 LA 1009  
 1859 KETS 2 AR 851  
 1959 KTVO 2 MI 1327  
 2100 KOUS 4 MI 1311  
 2256 KITW 2 WY 1248  
 2258 KOTA 3 SD 1082  
 8 Tr 2310 CIII7 7 ON 126

9 Es 2300 KQTV 2 MO 757  
 2309 WEAR 3 FL 956  
 2310 WTVJ 4 FL 1216  
 2311 KSNK 2 KS 966  
 2317 KTBS 3 LA 1009  
 2323 WJXT 4 FL 919  
 2328 WDIQ 2 AL 873  
 10 Es 0000 KDFW 4 TX 1130  
 0004 WBRZ 2 LA 1060  
 0030 KDFX 3 TX 1133  
 0047 KJRH 2 OK 914  
 Tr 0319 WTVI 18 WI 324  
 13 Tr 0515 WBNS 10 OH 263  
 17 Tr 1816 WANE 15 IN 256  
 1820 WNDU 16 IN 277  
 1852 WCUI 26 IL 334  
 1858 WMCC 23 IN 330  
 18 Tr 2100 WCUI 26 IL 334  
 2353 KLJB 18 IA 479  
 19 Tr 1619 WDJT 58 WI 324  
 2002 WCFX 38 IL 333  
 2315 WANE 15 IN 256  
 30 Es 1714 KPRC 2 TX 1237  
 1724 KATC 3 LA 1110  
 1745 KJAC 4 TX 1153  
 1900 KJRH 2 OK 914

September 1989

18 Tr 1857 WTVI 18 WI 324  
 1900 WDJT 58 WI 324  
 Au 2100 Many un ID 's  
 on low VHF  
 20 Tr 1743 WFLD 32 IL 333  
 1744 WGBA 26 WI 327  
 1758 WPNE 38 WI 329

November 1989

4 Es 1224 KPRC 2 TX 1237  
 1243 KMOL 4 TX 1353

Note's;7/22 KTIV 4 IA state#24,KENW 3 NM State #25  
 7/25 0008 Maf breifly into FM band7/31 KIWO 2 WY  
 state # 26 KGMN 5 WY logging #200.8/3 WXIX 19 KY  
 state#27 if you go by the city of license xmtr is  
 in OH.8/4 CJCB 4 NS province #6, WLBS 2 MEstate #  
 28,CHSJ province # 7.8/6 KITV 2 MI sate #29.Comment's;After a few week's with  
 very little ES it has made a couple of good appearance's in August. August 3 was great  
 day with Tr in the morning and the afternoon Es.8/3 WHMB 40 also appeared on ch 34.  
 I have seen WHMB on 34 before.I think it's becauseCBLN2-34 in Sarnia get's it's pro  
 gramming directly off the air from CBLN 40 in London.Lately CBLN sign's completly off  
 the air & CBLN2-34 stay's on with colr bar's or open carrier.Could CBLN2 be picking up  
 WHMB off the air and superimposing them over it's color bar's? August log up to 250.  
 Nice to see some Es on Nov 4 although it was short lived gone in a hour.73 for now Jeff.

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

June 1989

29 Tr 0212 NC 28  
 Es 1800 KJRH 2 OK 1031  
 1858 KETS 2 AR  
 30 Tr 0919 OHIO tent  
 16,24,25,36,43  
 45 both  
 0936 WGTE 30 OH 378  
 to Mit 31 WGVG 35  
 1030 WNDU 16 NC 509  
 Tr 1944 NC 17,22,28,40  
 Es 2013 KTBS 3 LA 983  
 2017 KBITX 3 TX

30 Tr 2020 WRDG 16 NC 251  
 2119 WIVD 11 NC 246  
 2300 WJRS 17 FL 653  
 2305 WAWM 30 FL 653

1 Tr 2005 WKFT 40 NC 265  
 Es 2259 KJRH 2 OK 1031  
 2 Es 0005 KBITX 3 TX 1225  
 0115 WPBT 2 FL 900  
 0747 Cuba? 3  
 0757 WPBT 2 FL 900  
 0803 MUF 4  
 Tr 0820 NC 16,17,28,40  
 Es 0859 KUSD 2 SD 1050  
 0900 KBITX 3 TX 1025  
 0930 KTBS 3 LA 983

continued on next page

Roy Barstow PO Box 488-T Tea Ticket Mass 02536

September 1989

- 6 Tr 2345 KCLT 9 NB 345
- 7 Tr 2200 CBHFT5 46 NS 377
- 2215 CBHFT1 3 NS 279
- 2220 CBHFT6 8 NS 377
- 2230 CIHF 9 NS -
- (M1TV)
- 2250 CBAFT5 31 PEI 481
- 2258 CBHFT8 34 NS 315
- 2300 WMED 13 ME 288
- 2305 CBHT3 11 NS 279
- 8 Tr 0136 CJCH6 6 NS 336
- 0150 CBHFT6 58 NS 324
- 0152 CBHT7 52 NS 324
- 0230 CJCH1 10 NS 398
- 0242 CBHFT 13 NS 408
- 0245 CJCH 5 NS 408
- 0247 CJCH7 40 NS 279
- 0252 CIHF 18 NS 452
- (CIHF 8 M1TV)
- 0255 CIHF 20 NS -
- (CIHF 8 M1TV)
- 0310 W22?? (WPVI 6 PA)
- new xltr??
- 0725 CBHT2 7 NS 308
- 0747 CBHT10 24 NS 315
- (coastal MD,VA,DC also in this AM)

October 1989 cont

- 23 Tr 2315 WUNJ 39 NC 660
- WUNM 19 NC 577
- WYED 17 NC 592
- 2330 WNCT 9 NC 565
- WIIN 7 NC 565
- WJKA 26 NC 660
- 24 Tr 0030 WPFT 28 NC 591
- 0118 WPDE 15 SC 688
- 0200 WKFT 40 NC 616
- 0217 WFCT 62 NCT652
- 0220 WGGT 48 NC 635
- Home Shopping
- 0230 WCTI 12 NC 577
- 0340 WLTX 19 SC 757
- Movie great's network
- 0400 WRDG 16 NC 614
- 0844 WUNP 36 NC 533
- 0849 WGGT 48 NC 635
- 0915 WTVI 42 NC 705
- 0920 WUNK 25 NC 562
- 0928 WJZY 46 NC 713
- 0930 WGN 27 VA 455
- call change,celebrity shopping,went to work late
- 1300 Home for lunch had to check 17,22,19,26,28,36,39 48 NC,13 SC 43 SC t Could not believe it some near local quality.

October 1989

- 24 Tr 2300 WLFL 22 NC 600
- WIVO 11 NC 591
- 2330 CBHFT546 NS 377
- Back of ant
- 2340 WPDE 15 SC 688
- 25 Tr 0100 WPDE 15 SC on 52 Craddockville VA
- 0115 WBTV 13 SC 687
- 0200 WKFT 6 NC 644
- 0230 WNCT 9 NC 565
- WIGS 28 SC 855
- 0246 WCTI 12 NC 577
- 0830 WUNK 25 NC 562
- WRLK 35 SC 763
- WLTX 19 SC 757
- 29 Tr 2305 WHMM 32 MD 388
- 2340 WHSW 24 MD 361
- WTVZ 33 VA 457
- 30 Tr 0001 WGN 27 VA 455
- 0010 WHRO 15 VA 457
- November 1989
- 13 Tr 1730 WMDT 47 MD 345
- WCPB 28 MD 345
- WBOC 16 DE 341
- A nice opening to the North and then to the South. Did not get much sleep around Oct 23,24 and 25. On those date's not much of DC and and Baltimore seen and if so weak. Nothing further than WIGS 28 SC.

Jeff Falconer Box 63 Clinton ON N6M 1L0

July 1989

- 9 Es 1229 KOTA 3 SD 1082
- 1230 KTVS 3 CO 1120
- 1300 KDUH 4 NE 1101
- 1340 CJSS 3 SA 1088
- 1352 CKYB 4 MB 1352
- 1400 KQFE 4 ND 852
- 1427 CKCK 2 SK 1176
- 1430 CKND 2 MB 989
- Tr 1500 WTCM 2 MI 200
- 18 Es 1558 WWL 4 LA 1055
- 1600 WESH 2 FL 1011
- 1658 WEAR 3 FL 956
- 1659 WKRC 5 AL 956
- 1700 WBRZ 2 AL 1060
- 1804 WDSU 6 LA 1050
- 1900 KTBS 3 LA 1009
- 2200 WLBT 3 MS 921
- 22 Es 1330 KLINE 3 NE 946
- 1351 KCNC 4 CO 1249
- 1359 KRMA 6 CO 1250
- 1400 KTVS 3 CO 1120
- 1757 KSNW 3 KS 928
- 1759 KQTV 2 MO 757
- 1800 KIVO 3 MO 589
- 1801 WDAF 4 MO 747
- 1812 KSNC 2 KS 966

- 22 Es 1829 KTIV 4 IA 746
- 1831 KSNE 4 NE 878
- 2000 KPRC 2 TX 1237
- 2200 KBTX 3 TX 1201
- 23 Es 1230 KENW 3 NM 1375
- 1301 KSNC 2 KS 966
- 24 Es 1724 KPRC 2 TX 1237
- 1727 WBRZ 2 LA 1060
- 1800 KTBS 3 LA 1009
- 25 Es 0008 WESH 2 FL 1011
- 26 Tr 0100 WNDU 16 IN 277
- 0104 CICA 19 ON 105
- 0107 CITY 57 ON 105
- 0118 CFMT 47 ON 105
- 31 Es 1924 KNOX 2 SD 993
- 1929 KOTA 3 SD 1082
- 1930 KTVS 3 CO 1120
- 1948 KIWO 2 WY 1248
- 1950 KGMN 5 WY 1208
- 1959 KLBV 4 KS 1068
- 2020 KDUH 4 NE 1101
- 2100 KRME 3 ND 962

- 2 Tr 0111 W26?? 26 MI ???
- Detroit LPTV
- 0300 WBNS 10 OH 263
- 0354 WITE 28 OH 248
- 0625 WPTO 14 OH 329
- 0644 WPTD 16 OH 303
- 0647 WRGT 45 OH 303
- 0654 W67AL 67 OH ???
- xltr of WVIZ 25
- 0659 WILW 44 OH 240
- 0726 WSEJ 51 OH 257
- 0730 WTJC 26 OH 283
- 0800 WOAC 67 OH 186
- 2358 WNDU 16 IN 277
- 2359 WICD 15 IL 411
- 3 Tr 0000 WHME 46 IN 275
- 0001 WTLJ 54 MI 227
- 0002 WDJT 58 WI 324
- 0014 WISH 8 IN 353
- 0023 WXIN 59 IN 353
- 0029 WVTU 18 WI 324
- 0040 WZZM 13 MI 223
- 0043 WAND 17 IL 454
- 0045 WXXM 17 MI 214
- 0054 WSJV 28 IN 276
- 0057 WNNB 27 IL 400

- August 1989
- 2 Tr 0021 CFTO 9 ON 105
- 0035 WUIV 29 NY 134
- 0052 WNYB 49 NY 162

Jeff Falconer's report continued from preceedin page

August 1989

- 3 Tr 0059 WFHL 23 IL 456
- 0107 WRSP 55 IL 487
- 0130 WTTT 64OH 346
- 0147 WCUI 26 IL 334
- WFLD 32 IL 333
- 0148 WHMB 40 IN 353
- 0204 WCVG 24 WI 324
- 0219 WKCF 22 OH 304
- 0226 WGN 9 IL 333
- 0228 WHBF 4tIL 479
- 0236 WLUK 11 WI 328
- 0244 WKCC 6 IA 478
- 0245 WRTV 6 IN 353
- 0249 WQRF 39 IL 399
- 0252 WLFI 18 IN 344
- 0253 WXTX 19 KY 347
- 0257 WTSH 12 WI 325
- 0258 WKRC 12 OH 347
- 0308 WTTT 6 WI 324
- 0321 WITB 63 IN 377
- 0356 WHIO 7 OH 302
- 0359 WCPQ 9 OH 346
- 0521 WWTW 9 MI 196
- 0529 WWUP 10 MI 213
- 0531 WJHL 11 TN 496
- 0539 WOTV 8 MI 213
- 0540 WBBM 2 IL 333
- 0557 WIFR 23 IL 399
- 0559 WSBT 22 IN 277
- 0619 WSHS 60 IL 334
- 0627 WMAQ 5 IL 333
- 0630 WMCC 23 IN 330
- 0634 WYCC 20 IL 333
- 0712 WKJG 33 IN 256
- 0759 WGVK 52 MI 229

- 3 Es 1500 KMID 2 TX 1377
- 1604 KFDR 3 TX 1133
- 1756 KSNC 2 KS 928
- 1759 KENW 3 NM 1375
- 1800 KSWK 3 KS ????
- new station in Lakin
- // to KOOD-9 Hay's
- 1800 KACV 2 TX 1219
- 1801 KAMR 4 TX 1222
- 1829 KNMZ 2 NM 1428
- 1851 KNOP 2 NE 933
- 1900 KLBV 4 KS 1068
- 2312 KWGN 2 CO 1249
- 2317 KSNC 2 KS 928
- Tr 2330 WBYA 2 WI 329
- 4 Es 1157 KPRC 2 TX 1237
- 1658 CKOW 2 NB 831
- 1700 CJCX 4 NS 1054
- 1709 CBHT 3 NS 884
- 1721 CJCN 4 NF 1298
- 1726 WLWZ 2 ME 639
- 1745 CRESO 3 CO 838
- 1802 CHSJ 4 NB 760
- 1826 CJCH 5 NS 1055
- 6 Es 1256 KACV 2 TX 1219
- 1257 KMID 2 TX 1377
- 1813 KSNC 2 KS 966
- 1836 WWL 4 LA 1055
- 1857 KTBS 3 LA 1009
- 1859 KETS 2 AR 851
- 1959 KTVQ 2 MI 1327
- 2100 KOUS 4 MT 1311
- 2256 KTWQ 2 WY 1248
- 2258 KOTA 3 SD 1082
- 8 Tr 2310 CIII 7 ON 126

- 9 Es 2300 KQTV 2 MO 757
- 2309 WEAR 3 FL 956
- 2310 WTVJ 4 FL 1216
- 2311 KSNC 2 KS 966
- 2317 KTBS 3 LA 1009
- 2323 WJXT 4 FL 919
- 2328 WDIQ 2 AL 873
- 10 Es 0000 KDFW 4 TX 1130
- 0004 WBRZ 2 LA 1060
- 0030 KDFX 3 TX 1133
- 0047 KJRH 2 OK 914
- Tr 0319 WTVI 18 WI 324
- 13 Tr 0515 WBNS 10 OH 263
- 17 Tr 1816 WANE 15 IN 256
- 1820 WNDU 16 IN 277
- 1852 WCUI 26 IL 334
- 1858 WMCC 23 IN 330
- 18 Tr 2100 WCUI 26 IL 334
- 2353 KLBV 18 IA 479
- 19 Tr 1619 WDJT 58 WI 324
- 2002 WCPC 38 IL 333
- 2315 WANE 15 IN 256
- 30 Es 1714 KPRC 2 TX 1237
- 1724 KATC 3 LA 1110
- 1745 KJAC 4 TX 1153
- 1900 KJRH 2 OK 914
- September 1989
- 18 Tr 1857 WVTI 18 WI 324
- 1900 WDJT 58 WI 324
- Au 2100 Many un ID 's on low VHF
- 20 Tr 1743 WFLD 32 IL 333
- 1744 WGBA 26 WI 327
- 1758 WPNE 38 WI 329

Note's; 7/22 KTIV 4 IA state#24, KENW 3 NM State #25 7/25 0008 Muf briefly into PM band 7/31 KIWO 2 WY state # 26 KGWN 5 WY logging #200.8/3 WXTX 19 KY state#27 if you go by the city of license xmr is in OH.8/4 CJCX 4 NS province #6, WLWZ 2 Mestate # 28, CHSJ province # 7.8/6 KTVQ 2 MT sate #29. Comment's; After a few week's with very little ES it has made a couple of good appearance's in August. August 3 was great day with Tr in the morning and the afternoon Es.8/3 WHMB 40 also appeared on ch 34. I have seen WHMB on 34 before. I think it's because CBLN2-34 in Sarnia get's it's programming directly off the air from CBLN 40 in London. Lately CBLN sign's completely off the air & CBLN2-34 stay's on with colr bar's or open carrier. Could CBLN2 be picking up WHMB off the air and superimposing them over it's color bar's? August log up to 250. Nice to see some Es on Nov 4 although it was short lived gone in a hour.73 for now Jeff.

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

June 1989

- 29 Tr 0212 NC 28
- Es 1800 KJRH 2 OK 1031
- 1858 KETS 2 AR
- 30 Tr 0919 OHIO tent
- 16,24,25,36,43
- 45 both
- 0936 WGTI 30 OH 378
- to Mit 31 WGVG 35
- 1030 WNDU 16 NC 509
- Tr 1944 NC 17,22,28,40
- Es 2013 KTBS 3 LA 983
- 2017 KBTX 3 TX

- 30 Tr 2020 WRDG 16 NC 251
- 2119 WTVI 11 NC 246
- 2300 WJKS 17 FL 653
- 2305 WAWS 30 FL 653
- July 1989
- 1 Tr 0303 WIGS 28 SCT
- 0322 WFTT 27 VA 226
- 0800+WJKS-WAWS-WYED
- 17, NC 11,40 allday
- 0916 WRDG 16 NC 251
- 1127 FL fade/out's

- 1 Tr 2005 WKFT 40 NC 265
- Es 2259 KJRH 2 OK 1031
- 2 Es 0005 KBTX 3 TX 1225
- 0115 WPBT 2 FL 900
- 0747 Cuba? 3
- 0757 WPBT 2 FL 900
- 0803 MUF 4
- Tr 0820 NC 16,17,28,40
- Es 0859 KUSD 2 SD 1050
- 0900 KBTX 3 TX 1225
- 0930 KTBS 3 LA 983

continued on next page

Jeff Wolf's report continue's

2 Es 0959 WBRZ 2 LA 950  
 1230 KJRH 2 OK 1031  
 1329 WBRZ 2 LA 950  
 1648 MUF 2-4  
 1729 KBTX 3 TX 1225  
 1810 KTBS 3 LA 983  
 1830 KFDX 3 TX  
 Tr 1840-2315 NC 16,17,28,  
 40,11, VA 40  
 2353 WUND 2 NC 219  
 3 Tr 0651 WYED 17 NC 248  
 Es 1829 KNOP 2 NE 1234  
 1930 WBRZ 2 LA 950  
 2015 WMAB 2 MS  
 2035 MUF 4  
 2100 WLBT 3 MS  
 2220 WEDU 3 FL 846  
 2225 KATC 3 LA 1000  
 2238 KJRH 2 OK 1031  
 2300 KBTX 3 TX 1225  
 4 Es 0011 KJRH 2 OK 1031  
 Tr 0555 NC,16,22,28  
 Es 0900 WBRZ 2 LA 950  
 1615 KIII 3 TX  
 1628 KATC 3 LA 1000  
 1640 WLBT 3 MS  
 1650 KPRC 2 TX 1235  
 1744 WBTX 3 NC 345  
 1822 KBTX 3 TX 1225  
 1900 MUF 95.7 to LA  
 2000 KJAC 4cTX  
 5 Es 1734 Cuba 3  
 1740 Cuba 2  
 1824 KDLO 3 SD  
 1902 MUF 5  
 2000 WPBT 2 FL 900  
 6 Es 1258 WLBT 3 MS  
 1301 WMAB 2 MS  
 1316 KFDX 6 TX 1117  
 1533 KTBS 3 LA 983  
 1632 Cuba 2 t  
 1650 KETS 2 AR  
 7 Es 1918 WPBT 2 FL 900  
 1930 Cuba 3 local  
 quality w/canal 6 ID  
 1950 KOET 3 OK  
 2044 MUF 93.7  
 2259 KTBS 3 LA 983  
 8 Es 0000 KPRC 2 TX 1235  
 0009 KATC 3 LA 1000  
 Tr 0054 NC 11,17,22,28,40  
 WGGT 48 NC 256  
 Es 0059 KOET 3 OK  
 0118 KJRH 2 OK 1031  
 Tr 0130 WJKA 26 SC  
 WCTI 12 NC  
 Es 2043 Cuba 3  
 9 Es 0759 KUSD 2 ND  
 1059 KXMA 2 ND  
 1131 KXJB 4cND  
 WMAR off 1 min  
 at 1644 unid's on 2

11 Tr 0030 WIVD 11 NC 246  
 Es 1801 KJRH 2 OK 1031  
 1927 Cuba 3  
 13 Es 2139 KUSD 2cSD  
 14 Es 2111 Muf 2  
 17 Es 1823 Cuba 3  
 1900 WPBT 2 FL 900  
 1922 WEDU 3cFL  
 1959 WESH 2 FL 720  
 18 Es 1859 CUBA 3  
 2000 KPRC 2 TX 1235  
 2030 KATC 3 LA 1000  
 21 Es 1816 Muf 4  
 1909 KPRC 2 TX 1235  
 1914 KATC 3 LA 1000  
 2044 KETS 2 AR  
 2049 KTCA 2 MN 867  
 22 Es 1045 KTBS 3 LA 983  
 1700 KUSD 2 SD 1050  
 1721 KDLO 3 local  
 29 Tr 0850 WPTF 28 NC  
 Es 0932 Muf 2  
 30 Es 0045-0137 MUF 2  
 0708 WPTF 28 NC 248  
 WKFT 48 NC 265  
 0728 WCTI 12 NC 269  
 0914 WYED 17 NC 248  
 Es 1114 Cuba 3  
 31 Es 1829 KTCA 2 MN 867  
 1957 KOTA 3 SD 1361  
 1959 KACV 2 TX 1164  
 2015 KSNW 3 KS 1050  
 2057 KJRH 2 OK 1031

August 1989

3 Tr 0120 NC 16,17,22,28,40  
 0708 NC 22,28,40  
 Es 1827 Cuba 3  
 1839 Muf 4  
 Tr 2300 NC 17,28  
 4 Es 2058 KGFE 2 ND  
 2149 CBC 3 ??  
 2200 KDLH 3 MN  
 Tr 2328 WLFL 22 NC 248  
 Tr 2328 VA 12,35 s/f  
 2353 WGGT 48 NC 256  
 WIVD 11 NC 246  
 5 Es 0000-0016 MUF 2  
 Tr 0131 W41AC VA 114  
 0141 SC 15,24  
 0232 WCTI 12 NC 269  
 0243 WJKA 26 NC 344  
 Es 2015 KFDX 3 TX 1225  
 2110 MUF 4  
 6 Tr 0102+NC 16,22,28  
 0805 NC 17,28  
 Es 1022 MUF 4  
 1129 WREG 3 TN 767  
 KTBS 3 LA 983  
 1755 KFDX 3 TX 1225  
 1759 MUF 6

6 Es 1817 Cuba 3  
 with canal 6 ID at 2035  
 1900 WPBT 2 FL 900  
 2049 KJRH 2 OK 1031  
 7 Es 1800 MUF 2  
 8 Tr 0750 WCTI 12 NC 269  
 WUNK 25 NC 244  
 9 Es 1800 MUF 2  
 12 Es 1145-1441 Muf 2  
 13 Tr 0815 NC 17,28,40  
 1117 OH 25,43  
 1215 WKFT 40 NC

Es 1230 MUF 2  
 14 Es 2033 MUF 2  
 18 Es 0827 KPRC 2 TX 1235  
 0844 MUF 92.9  
 0859 KETS 2 AR  
 0900 KTBS 3 LA  
 0908 KJRH 2 OK 1031  
 0919 KARK 3 AR  
 25 Es 1958 KUSD 2 SD 1050  
 2125 KETS 2 AR  
 27 Tr 2015 WYED 17 NC 248  
 28 Tr 0658 WJCB 49 VA 158  
 29 Tr 0004 WQEX 16 PA  
 0008 WKFT 40 NC 265  
 0018 WYED 17 NC 248  
 0125 WLFL 22 NC 248  
 0705 WKFT 40 NC 265  
 0725 WGGT 48 NC 256  
 30 Tr 0137 WPTF 28 NC 248  
 WRDG 16 NC 251  
 0251 WIVD 11 NC 246  
 0308 WCTI 12 NC 269  
 Es 1800 KJRH 2 OK 1031  
 1827 KUSD 2 SD 1050  
 1849 MUF 5  
 1902 KDLO 3 SD  
 1957 KTCA 2 MN 867  
 31 Tr 0200 WPTF 27 VA 226

September 1989

8 Tr 0713 WV 44  
 0730 WVTI 30 CT 283  
 0750 WNEP 16 PA 160  
 9 Tr 0633 WPTF 28 NC 248  
 WKBN 27 OH 238  
 14 tr 0730 WPDE 15 SC 349  
 0800 WPMY 2 NC 269  
 19 Gw 2211 W48?? VA  
 was W14AA VA

Many un-ID's with ES open  
 ing's on July 2,3,4,5,7,8,  
 and 9. Correction KACV on  
 7/31 should be Amarillo TX  
 at 1337 mile's.....Many UN  
 ID's on 7/31 and Aug 4,6,18.  
 WJCL 22 Savannah, GA Tr 528  
 mi. on 8/5/89 Veri received.

That dude from Joisey ..... 98 Highland AVE Clifton NJ 07011

July 1989

21 Es 1710 MUF 3  
 22 Es 1710 KLINE 3 NE 1320  
 1853 KIMT 3 IA 872  
 1900 WRBL 3 GA  
 23 Es 1000 MUF 4  
 1200 NIV 3 NS-?  
 )(maritime area)  
 24 Tr 2258 WTVZ 33 VA 307  
 2259 WCPB 28 MD 190  
 2300 WYAH 27 VA 307

August 1989

2 Es 1730 MUF 4  
 3 Es 1730 MUF 4  
 4 Es 1832 MUF 95.1  
 2240 MUF 2  
 5 Es MUF's.....  
 6 Es ..to ch 4..  
 7 Es AM/PM...  
 8 Es AM/PM...  
 9 Es 2320 MUF 3

14 Tr 0740 WHP 21 PA 149  
 over WLTW!!!!  
 18 Tr 2350 Providence VHF's  
 23 Es 2053 MUF 3  
 24 Es 1950 KIMT 3 IA 872  
 2020 WREG 3 TN 938  
 29 Au 2130 Aurora to FM  
 September 1989  
 7 Tr 0058 WMGC 34 NY 125  
 0129 WGGB 40 MA 121  
 13 Tr 2358 WSBF 36 RI 152  
 14 Tr 0006 W59 xltr of  
 WVTI 30 CT  
 0011 WCVX 58 MA 204

Im somewhere around 103 station's on TV. I did buy a dish  
 a 7 ft Channell Master and found it was OK but I couldn't  
 put it up any higher where it could perform better,so I  
 sold it to a fellow DX-er. UHF here in Clifton is really the  
 pit's and I have just read that my closest local WJUM 50 at  
 FOUR mile's WHO bleed's over and image's all over is going to  
 5,000,000 watt's!!!! if they get thier CP.What next???. Goodking Bill

That is all the report's sent to me from HQ Now come's more recent report's

Rich Turcsany 40 Ferndale Ave Stratford CT 06497

November 1989

5 F2 0930 First E2 logging of the season, - offset's on 48.24/.245/.25/.255/.26 all in  
 for 10 minute's(no visual reception though)  
 11 F2 0845 Weak signal on R1 (49.75Mhz),first time received in cycle!  
 0900 Signal's in on E2/R1,but European VCR picking up only weak sync  
 24 F2 1000 Weak R1 buzz on 49.74  
 1010 E2 Signal on 48.25 seen using European VCR-six vertical bar's in center of  
 screen (almost resembling 5-day forecast graphic's) not strong enough to  
 ID though  
 1015 John Combs call's in from Jacksonville sez he's seeing a tennis match down  
 there on E2,I can't watch it here due to QRM from nearby cordless phone's.

December 1989

2 F2 0900 Six vertical bar's on 48.25 (see 11/24)  
 0903 E2 seen on 48.245-belived to be a newscast with graphic in upper left hand  
 corner(appeared to be a man sitting at a desk at the right of the screen)  
 3 F2 1000 Smeared video sync seen on 48.25  
 10 F2 0845 First ever audio signal heard on 53.745,belived to be German language,but  
 distorted due to wideband FM mode(scanner is NBFM)  
 1030 Six vertical bar's seen on 48.25 once again.  
 1045 CCI seen on 48.25,visual reception looked like a movie or action drama TV  
 serie's (lot's of scenery men in each shot,etc)-slanted verticle sync  
 1100 Breif view of woman on 48.24,alternating with "six bar's"station.  
 11 F2 1015 "Six bar's" again on 48.25  
 16 F2 1015 Strongest E2 signal seen yet on 48.25 looked like a sign on the right side  
 of the screen with three undistinguishable word's (top to bottom)  
 17 F2 0945 Video buzz on 49.25,weak  
 1000 "Six bar's"station on 48.25 back  
 1015 48.24-noticed view of nurse in uniform,belived to be a drama or serial.

January 1990

27 F2 1100 Fair signal on 48.255-programming looked like a European commercial "cluster"  
 one ad looked like that of a soft drink,saw cup with straw at left side of  
 screen followed by product name in upper right corner

SEE DIAGRAM----



see next page for Rich's report

Rich Turcsany's Report continue's

Finally-I get the opportunity to actually watch European Channel 2, thank's to the use of a multistandard VCR I purchased last winter! Unfortunately I've had some problem's with reception due to nearby cordless phone's/child monitor's, but at least the unit is sensitive enough to receive E2 signal's. Compared to the 1979-80 sunspot cycle, there have been less day's of R1 reception now than there was ten year's ago. Also there has been no sign of Ireland, or co-channel signal's from European Channel 3 (55.25), same as our channel 2, but that might change by next winter if condition's continue. Next year I hope to purchase a ICOM scanner/video unit for better E2 reception everyone's had good result's with them!

Equipment; Regency "Touch scanner" (1978 vintage) 1988 Hitachi VT-4990 multi system VCR for E2/R1

Jeff Falconer Box 63 Clinton ON N4M 1L0

December 1989	January 1990				
15 Es 1605 WPBT 2 FL 1218	2 Es 1259 KIWO 2 WY 1248	7 Tr 2234 WANE 15 IN 256			
1642 WCPX 6 FL 1034	1300 KOTA 3 SD 1082	2235 WNDU 16 IN 277			
1702 WPTV 5 FL 1175		2237 WFWA 39 IN 256			
1711 IRCT 3 CLUBA 1504	March 1990	2309 WMHE 46 IN 275			
1800 WEDU 3 FL 1087	7 Tr 2230 WTLW 44 OH 240	13 Tr 1130 WCUI 26 IL 334			

Equipment; Icom R-7000, 25 element LP at 25', rotor  
Very little TV DX done over the winter. Nice Es on 12/15 with MUF at least 107.9 Mhz  
Have also had video buzz on E2 a few time's but no video synch. 73 for now, Jeff

Christopher S Dunne 21500 Johnson St Box 533 Pembroke Pine's FL 33029

Equipment; Sony Trinitron 9' color TV model KV-9300, Teknika TVC 22 tuner (thnx to John Combs for the tip), GE model 8-1930 color TV; all using rabbit ear's & bowtie antenna (whopee)

Here's my first report for the WIFDA and 'taint much, mainly 'cause I don't have any fancy TV antenna array - yet... DX here has been nearly nonexistent for the past 2 month's or so. I have no plan's to report any full-power station's less than 250 mile's away, or LPTV's less than 50. With that...

3/17/90 2335 Ch 13 CUBA (Tele Rebelde a.k.a. TR) shown were trapeze artist's & other acrobat's.

2341 Ch 9 CUBA (Television Cubana a.k.a. Canal 6) end of movie (credit's)

9 & 13 are my most common Cuba TV station's - location unknown (Matanzas?)

Th-th-th-th-th-th-th-th-That's all Folk's! Sorry no TV Marti as of yet-73's Chris

Greg Coniglio 5100 Glenwood Dr. Williamsville NY 14221

March 11 1990 DXpedition Potsdam NY Station's Logged

Equipment; Panasonic Watchman TV, 4 Bay UHF

0830+ CBOT-4-ON/WVNY-7-NY/CJOH-8-ON/CBOFT-9-ON/CKIM ? -10-PO/CKWS-11-ON/CJOH-13-ON  
WNPE-18-NY/WNPI-18-NY/CIGO-24-ON/CIVO-30-PO/CHOT-40-PO/WFYF-50-NY/WCFE-57-NY

Reception seemed to follow along the ST. LAWERNCE Valley. Although there was excellent trop enhancement on FM to Quebec, it was disappointing that Ch 10 was only the farthest DX catch. (Ed. note; Greg inform's me that he is going down to Myrtle Beach SC soon and he will report his result's from that excellent DX area-BN)

Ed Note; I have received some querie's about if I plan to include the citie's along with the TV station's logged... A valid point was bought to my attention that some member's who see a logging with no mention of the city, have no idea WHERE the station is really from. Yes it is a valid point! Sure if you see for example; WMGC-34-NY. Unless you lived in the city of Binghamton or really know your station's real good, you are pretty much in the dark. I see your point, but unfortunately there are some thing's to think about; Space consideration's are a main reason. The other reason is most reporter's to ETVDX do not list the city, I do not have the time or the reference's to look up each station. I will list city of license for translator's and/or if the station is foreign or brand new to the air but anyway thnx for your comment's and keep the comment's coming!-BN

Ed note; Please send your Unid's to John Combs UNID column. If you noticed I have replaced your unid's with the MUF instead. Please, if all you get on a certain opening is a unid that can't be ID-ed list the MUF instead. Unid's are important... for instance UNID-3-NBC(west) show's that the opening(s) are coming from that area. Of course I'll print that. I'll print ANYTHING UNID only if there is more than just a logging such as UNID-3. But please try give any info on your unid, otherwise it would be fruitless to print it. Comment's Please -BN Hi!

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

September 1989	October 1989	November 1989
28 Tr 2236 WPTF 28 NC 248	24 Tr 0437 SC-15-Id3/4 cb	3 Es 2322 KJRH 2 OK 1031
2242 OHIO 16-34-35-43t	0543 UNID 28 z,+	4 Es 1019 KJRH 2 OKt
2258 WRGT 45 OHt	0551 WPTF 28 NC 248	1024 MUF 4
29 Tr 0018 WITTE 28 OH 319	0633 NC-25-39	1030 KIII 3 TX
0116 WAKR 23 OH 278	0639 WGSE 43 SC 366	1128 KTBS 3 LA 983
with 10 khz	WPMC 23 SC 373	1038 NBC 3
0200 WKBN 27 OH 238	0653 WJPM 33 SC 358	1039 NBC 2
October 1989	0722 WITN 7 NC t	12 Es 1003 MUF 2+
6 Tr 0715 UNID 35+	thru local WJLA	14 Tr 0645 WYED-NC-22-40
0738 WGGT 48 NC 265	0727 WCIT 12 NC 269	0655 NC-28, VA 35 local
thru local	25 Tr 0024 NC-16-22-40	0701 WCCB 18 NC 332
7 Es 2355 MUF 2	0054 WYED 17 NC 248	0711 WPCQ 36 Nct
15 Tr 0612 WYED 17 NC 248	NC-28-s/f	WIVI 42 Nct
WRDG 16 NC 251	0128 SC-15 very good	0742 WNYC 31 NY 196
0614 WPTF 28 NC 248	0135 WJCL 22 Gat	(my local!!-BN)
WPDE 15 SC 349	WJKA 26 NC 344	0735 WRKX 35 SC 409
WOLO 25 SC 411	0206 WCB2 2 SC 428	0800 WPMY 2 NC 269
0624 W14AU NC 235	0709 I3+ SC-13	27 Tr 0710 WYED-WPIT-WKFT
Reidsville (LPTV)	0222 WIVD 11 NC 246	W40 AH VA 167
0637 WRLH 35 VA 111	ID 3/4 cb Local off	December 1989
local quality	0223 WTAT 24 SC t	14 Es 1803 PBS 2 z
0640 WUNK 25 NC 244	0231 UNID 31 3/4 cb	1829 MUF 4
0653 WLFL 22 NC 251	0250 WTGS 28 GA 529	1852 KTCA 2 MN 867
0655 NC-18-19-47t	good signal	2046 NBC 2 +
0719 WBRA 15 Vat	0318 WRAL 5 NC t	15 Es 1806 Cuba 3
0731 WIVD 11 NC 246	local off	1857 MUF 4
0757 WKFT 40 NC 265	0321 WTVR 6	January 1990
very good	10 khz cci	1 Tr 0643 WYED 17 NC 248
0858 WUNJ 39 NC 344	0349 WIOC 11 Gat	3 Es 0904 KJRH 2 OKt
16 Tr 0105 W27AJ DE	CBS news nightwatch	February 1990
0124 WKBN 27 OH 238	0425 WIVD-sign-off	3 Es 1021 MUF 4
WGNT 27 VA	0431 WIOC 11t + or -	March 1990
new call was WYAH	0442 WITN 7 NC 257	3 Tr 0702 WJIG 55 NY 253
0557 WJKA 26 NC 344	0506 NC-22-40	8 Tr 0735 WRDG-WPIT-WYED
0559 W33AD Vat	0536 WCIT 12 NC 269	12 Tr 0627 WYED-WPITF
0652 CT-30t-SC-13t	0540 NC 28	0643 WKBN 27 OHt
NC-11-16-22-25-28	0555 WRLK 35 SC 409	WNEO 45 OHt
WYED 17 NC 248	0616 WRJA 27 Sct	13 Es 1829-1857 UNID's-2
0800 WMLF 56 PA 142	0622 WAGT 26 SC 466	15 Tr 0604 WYED-WPIT-WIVD
23 Es 1959 MUF 2	26 Tr 1956 WYED-WPITF 248	0634 WCIT 12 NC 269
Tr 2334 WYED-WPITF-s/f	2300 WKFT 40 NC 265	NC-25-39-40
24 Tr 0145 WCIT 12 269	27 Tr 0237 WCIT 12 NC 269	WSET 13 VA 199
0201 NC-11-16-40	0759 WPMY 2 Nct	19 Es 1807 MUF 2+
0321 WJKA 26 NC 344	29 Tr 1009 PA-40-53, NC-28-40	24 Es 1044 MUF 2-
WBTW 13 SC 349	November 1989	1114 MUF 2+
	2 Es 0805 MUF 2	

IMPORTANT NOTE; Next month's issue June 1990, will be the start of the policy of a 90 day cutoff date. Any report's older than 90 day's will be deleted. The transition period is over now. PLEASE REPORT PROMPTLY. Thanx-BN

# WESTERN TV-DX

May 1990

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

Deadline: 06-07-90  
Cut-off: 03-01-90

A couple of gremlins crept (or leaped!) into the April 1990 column and I forgot to include a correction to the March 1990 column. The reference on the bottom of page 1 to solar flux having been near its February minimum should have read "January" minimum. Also, the cut-off date shown as 02-01-89 should have read "02-01-90". It will be interesting to see if anyone takes advantage of the 15 month reporting window!

With regard to the March column, Nate Ely's logging of CKCO4, channel 11, on January 20th at 0358 should have read "CKCO, channel 13". I hope I did better this month!

Hopefully the E skip is starting to roll in. Send in your reports.

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

BN Baja California Norte

Ed Frye, 22618 Cardiff Drive, Santa Clarita CA 91350-3017

PST

Equipment:

VHF - Winegard CS-4052 Chromstar antenna, Channel Master 7477A preamplifier, Channel Master 9510 rotator with 9535 programmable control unit, Channel Master 7205 mid-band trap, Channel Master 7203 sub-band trap, Channel Master 7270 step attenuator, Channel Master 7035 MATV distribution amplifier, Channel Master 9549 RG6 cable. UHF - Winegard CS-9095 Chromstar antenna, Winegard PA-4975 preamplifier, Alliance HD73-1 rotator, Channel Master 9549 RG6 cable.

On March 1, I programmed my VCR to record the CBS show "48 Hours" at 2000 PST (local time); the antenna was oriented in a northeasterly direction. The following day, upon viewing the show, I discovered I had picked up some channel 2 E skip! The KCBS broadcast was nearly overtaken by a station apparently in the central time zone; across the screen was the message, "It's 10:00. Do You Know Where Your Kids Are?" Within five minutes, the skip faded; no other clues/ID's were present.

Richard J. Michaels, 641 West 21st St. (A), San Pedro CA 90731

UTC

Equipment:

Portavision V/U/AM/FM "Portable Receiver". Rabbit ears.

March 1990	9 tr 0015 KPBS 15 CA	9 tr 0030 KNSD 39 CA
8 tr 2345 KFMB 8 CA	0020 KVCR 24 CA	0034 KUSI 51 CA
9 tr 0000 KGTV 10 CA	0025 X--- 33 BN	0040 KTTY 69 CA
0010 XEWT 12 BN	(Tijuana XEW-TV)	

Frank Merrill, P.O. Box 669, Macomb IL 61455

EST

Equipment:

ICOM R-7000 with video adapter. Winegard 8100? combination V-U antenna at 40'.

December 1989	5 tr WQHS 61 OH 470	6 tr 0505 W68-- 68 ??
31 F2 0923-1000+ unid ch 2	Many other OH/IN	(Unknown TBN)
( See Note # 1 )	2328 W54AF 54 OH 425	( See note # 4 )
February 1990	(Bucyrus LPTV)	0521 W47AZ 47 IN 260
3 Es 0859 WUNC 4 NC	( See note # 2 )	(Indianapolis VJN)
0900 WFMY 2 NC	6 tr 0056 W47AB 47 OH 445	0630 WWAT 53 OH 420
WUND 2 NC	(Mansfield WOSU-34)	( See note # 3 )
1130 WESH 2 FL	0243 WHIZ 18 OH 460	26 F2 1804 TVQ0 0
(1st Feb Es - now only need March)	(Test w/ID card)	(Toowoomba Australia)
5 tr 2200-2300	0415 W17AI 17 OH	( See note # 5 )
WPGH 53 PA 565	(Columbus WWAT-53)	
	( See note # 3 )	

Western TV-DX

May 1990

Frank Merrill (continued)

Note # 1 - This was really a super opening! When this was strongest, a Costa Rican ham was in on 6 meters, so suspect that Costa Rica channel 2 was most likely. Other 6 meter ham signals were noted from the Dominican Republic, Barbados, Venezuela, Martinique, etc. Only time I've ever seen F2 on "our" channel 2. Video was totally unintelligible, though domestic CCI wasn't a factor during its peaks. I had European TV carriers on several earlier November/December dates (coinciding with some of Jeff Kadet's receptions), but had no TV capable of "locking them in" so I was unable to log anything.

Note # 2 - Had a promo stating that RFD-TV is "now on channel 22" which is also in Bucyrus. Also an ad for Cavaliers basketball on WOIO-19.

Note # 3 - WWAT-53 noted ALL NIGHT with Home Shopping Club, but they never give ID's overnight and the 0630 ID was after they were into regular programming (Super Mario Brothers/Ag Day). At 0415, I had HSC on channel 17, but marked it down as a tentative WDLI-17. The way ownerships keep changing and with some evangelists having hard times, I thought that TBN had maybe sold the station. The 0630 WWAT-53 ID was "WWAT-TV, channel 53 and 17, Chillicothe-Columbus" so I am now assuming that my channel 17 was theirs. And indeed WDLI-17 apparently IS in hard times, because I'm almost certain they were off. Formerly, they were always all night.

Note # 4 - Direction seemed to be Muncie/Indianapolis. I don't think this was coming from Fort Wayne (is W68BN still on?) unless there was "wave guide" effect. Are there any TBN's out there (or in western/central Ohio)? New for me if not W68BN.

Note # 5 - This was when the video carrier was first noted on 46.172 MHz. As with Jeff Kadet, I counted this because no other TV station in the world operates here. It SHOULD be 46.240, 46.250, or 46.260, but it is off frequency. I was much more satisfied when unmistakable video appeared at 1814. The peak was at 1903 when it was virtually snowfree. By 1915 it had vanished. Frequent checks on 51.672 (their audio frequency) produced nothing, except for once when I thought I could hear faint audio. Being on the PAL system, the video was rolling quickly and the vertical hold is exceedingly hard to reach. Jeff Kadet had the vertical hold locked in, but he also was unable to see anything significant. He also had this weakly on February 25th, but the 26th's event was awesome! Because it falls into the low TV band of both Australia and New Zealand, there was no ham activity noted on 6 meters. I also had very weak video carriers at 45.240 and 45.260 (New Zealand channel 1), but no ID's were implied here because there are multiple possibilities. I couldn't tell whether carriers around 46.240-46.260 were other Australian "channel 0" carriers or "spurs" from TVQ0. They were putting out nearly as many spurs as the infamous WTJR-16.

(Frank, I suspect your channel 68 TBN was W68BN, Dayton. fm)

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CST

Equipment:

VHF: Broadmoor 9" black & white, Winegard CS-4053; UHF: Rembrandt VA133 tuner, Winegard CH-9095, Blonder-Tongue CMA-Uc preamplifier; Alliance rotor.

March 1990	10 tr 0105-0200	10 tr 0557 @K44AE 44 MN 145
10 tr 0105 K29CC 29 MN 125	K52AH 52 MN 125	(Willmar w/KGAN- 2)
(Appleton TNN)	(Appleton KITN-29)	(Normal KTCA- 2)
K31BT 31 MN 125	K54AK 54 MN 125	0638 K26CL 26 MN 90
(Appleton CNN)	(Appleton KMSP- 9)	(Alexandria LPTV)
K33CR 33 MN 125	K56BZ 56 MN 125	
(Appleton Movies)	(Appleton KARE-11)	Also others to 150 ml.

Locally enhanced tropo conditions on the 10th allowed me to check out some new and changed translators. All of the Appleton LPTV/translators shown above had scrambled video. Audio was in the clear on all but K33CR. I believe the K33CR movie service is Starion. Their programming was parallel to that of K21AK, the Morris, Minnesota STV (Incidentally, that facility is proposed to be moved to the Donnelly translator site). I was unable to determine the program source for K26CL. During the time I watched there were two program length commercials with no ID's.



# SOUTHERN FM DX

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

May 1990

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV.

## CO DXER DOESN'T LET LAST WINTER GET BY WITHOUT SOME ES (and has prize offer)

Douglass Allen, P. O. Box 5646, Woodland Park, CO 80866

12/4 ms  
0800 103.7 WFIV IN Bloomington, ID  
(5 sec. burst  
1143 103.7 WWIB WI Ladysmith, "WIB", short b.  
1990:

1/16 Es  
0937 98.1 WMMG WI Madison, "Magic 98"  
0942 94.5 WQEN MI Mt. Pleasant, ID  
0945 97.5 WNXR MN Rochester, olkies  
0948 95.5 WIFC WI Wassau, ID  
0953 94.3 WRJO WI Eagle River, local ads  
0958 90.3 WHLA WI La Crosse, WI Public  
Radio, //88.3  
0959 88.3 WHWC WI Menomonie, ID, //90.3  
1003 94.3 WROE WI Neenah, ID,  
"Fox Valley Weather"  
1005 101.3 WCUZ MI Grand Rapids, "Guz-FM"  
1011 103.7 WEZW WI Wauwatosa, "New Easy 104"  
1018 94.9 WVIC MI East Lansing, ID  
1020 94.1 WIBM MI Jackson, ID  
1044 94.3 GJSD ON Thunder Bay

1/28 tr  
1750 Wichita, KS stations full quieting off  
and on all evening @417 mi.  
2008 89.9 KACVTVX Amarillo, c

2/16 gw  
0800 88.1 translator CO Colorado Springs  
translator of KWBI

2/18 tr  
0840 Wichita stations in @ 417 mi.  
0845 106.5 KWKL KS Arkansas City, Cool 106.5

2/19 tr  
1819 96.9 KNID OK Enid, k, fairly regular  
1910 99.3 K257KI KS St. Francis, t KZNA  
1950 93.7 KYEZ KS Salina, "KY Country 94"  
2000 91.7 KOSU OK Stillwater, ID  
2010 99.7 KXLS OK Alva-Enid, local spots  
2039 96.9 KLSF TX Amarillo, full quieting  
2140 89.5 KHCD KS Salina, wx

Incidentally, in response to the question posed a couple of issues back about using a TVRO dish for FM reception. It would be relatively easy to do if you want the gain of a 5 element yagi! Seriously, you'd need a dish bigger than your house to get appreciable gain at 100 mhz.

Hope we get the good tropo here we had last April and May. And the Es season is only about 6 weeks away. Good DXing to everyone. I have a special prize to anyone who logs Colorado Springs from over 575 miles away and calls me at 719/687-3549 collect at the time of the logging.

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

Equipt: McIntosh MR-78, Onkyo T-9090, Probe 9

1/8 gw (ex 94.3)  
1822 WGSQ 94.7 TN Cookeville 124  
1/21 tr  
0050 WKJN 103.3 LA Hammond, strong 371

2/5 tr  
1055 WURC 88.1 MS Holly Springs, ID 180  
1102 KDHX 88.1 MO St. Louis  
"St. Louis Radio" 359

1120 KCLT 104.9 AR West Helena, s, ID 258  
1200 KCRI 103.1 AR West Helena, ID  
WWUN 101.7 MS Kalksdale, mono, ID245

2/25 trs  
0820 89.9 KACVTVX Amarillo, classical  
4/1 tr  
0822 96.9 KNID OK Enid, ID, k

4/2 tr/gw, local KRDO-FM off air  
0356 95.1 KICT KS Wichita, ID, home of 417  
Wichita's rock and roll  
0408 95.1 KSQY SD Deadwood, "K-Sky" 380  
"The Black Hills best.."

4/3 tr/gw  
2000 Wichita stations in 2417 miles  
2104 90.9 KASF CO Alamosa, ID, "Its's radio-  
active"

4/4 tr  
2025 96.9 KAML WY Gillette, o/u KCFM  
4/5 tr  
0731 106.5 KWKL KS Arkansas City, "Cool 106.5"  
"Wichita's best oldies"

Not much DXing, so not much to report.  
About 18 new ones since last report mostly  
from the Es of Jan. 18. If there's been any  
good tropo this winter I've missed it. With  
the stacked stereo Probe 9's, Wichita,  
Amarillo and Enid, OK along with several  
Nebraska stations are pretty regular. The  
350-450 mile stations aren't in continuously,  
but if I sit there and listen for an hour or  
two, I'll hear several minutes of them on tropo  
scatter. Several stations at 200+ mi. are full  
quieting most of the time.

I'm not thrilled by the poor front to back  
ratio of the stereo Probe 9's and hope to try  
the Antennacraft 10 element yagi's this. I'd  
even be willing to sacrifice a little gain  
for a better front to back ratio. (You may  
end up missing the Probe 9's narrower direct-  
ivity. DB)

3/9 trs  
1147 WBBK 93.1 GA Blakely, ID, ex 93.5 237  
1935 WRFR 96.7 NC Franklin "WSFC-WRFR" 174

3/10 tr  
1048 WKZL 107.5 NC Winston-Salem, ID 357  
1109 WCTT 107.3 KY Corbin, ads, nx, "T-107"  
(while WQLT/low power)

3/13 trs  
0008 WJCR 90.1 KY Millerstown, g, ID, \$ 240

## SOUTHERN FM DX

MAY 1990

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

From parent's house, Bartow, FL  
3/22 tr  
1136 WYOU 92.5 FL Safety Harbor,  
(from 92.1 as WXCR)  
1145 WQLM 92.9 FL Punta Gorda, from 92.7  
1159 WSOR 90.9 FL Naples  
3/23 tr  
0630 WCWB 101.7 FL Trenton

3/23 tr  
0630 WCWB 101.7 FL Trenton  
2100 WFCE 88.9 FL Tarpon Springs  
2104 WMPQ 92.9 FL Ocala  
3/25 tr  
0137 WRCC 103.7 FL Cape Coral (ex 103.9"  
1932 WAVV 101.1 FL Marco, nulled stronger  
WSIF Cocoa Bch.

WSOR and WCWB picked up as direct result of filter modification, both in sandwich be-  
tween local and semilocal. Brings total to 124. This is the fourth trip since 1986.  
Enhancement was quite poor due to low humidity (whole state in drought) No more Nov-Mar  
trips here! Also WFV 104.5 Atlantic Bch next to local WRBQ, picked up at will now, took  
intense nulling before, without filters.

Results of super bandscan II last summer (Bellafontaine, OH) was 169 in 3 nights. Super  
Scan III will be from South Hill, VA, which has few stations within 50 miles but a lot  
between 50 and 100 (7 to 1 ratio, highest number I find any where in U.S., according to  
Atlas maps). (So let that serve as a warning for DXers to not move to South Hill, VA. DB)  
Will be attending convention, have a tape of a 1/2 hour show about a DXer, circa 1960.

Matt Sittle, 220 Brookfield Dr., Kingsport, TN 37663

Equipt: Yamaha TX-900U tuner, Radio Shack 15-1636 FM antenna in the dorm room

2/9 tr  
0815 WANS 107.3 SC Anderson, calls 242  
0828 WSPA 98.9 SC Spartanburg, calls 192  
0829 WSSL 100.5 SC Gray Court, k 213  
0833 WAGT 105.3 SC Gaffney, local ad 175  
2337 WRKK 96.7 NC Roxboro, "97 Country" 46  
2/13 tr  
0851 WKCP 97.7 NC Kinston, local ads 77  
0853 WPEE 97.9 NC Concord, local wx 108  
0855 WCZI 98.3 NC Washington, ID 97  
0904 WYAK 103.1 SC Surfside Beach, wx 156  
0910 WTCB 106.7 SC Orangeburg, "B 106.7" 201  
0915 WDRP 98.9 NC Windsor, k, ID 100  
2/14 tr  
0823 WDDZ 93.5 NC Shallotte, k, local ad 131  
0825 WSSL 100.5 SC Gray Court 213  
2154 WKQB 107.5 SC St. George, ID 216  
2200 WQTR 100.1 SC Lake City, ID 147  
2/15 tr  
0639 WRVL 88.3 VA Lynchburg, local wx 113  
0643 WQDK 99.3 NC Ahoskie, local ads 103  
0659 WOTJ 90.7 NC Morehead City, ID 133  
0719 WSSL 100.5 SC Gray Court, k 213  
2/16 tr  
0755 WKQB 107.5 SC St. George, "Q 107" 207  
2/18 tr, MS  
1021 WRDX 106.5 NC Salisbury 101  
1025 WUID 107.3 -- MS burse  
1031 WANS 107.3 SC Anderson, calls 242  
1040 WSSL 100.5 SC Gray Court, k 213  
2/19 tr  
2140 WHTK 99.7 SC Port Royal, calls 259  
2/21 tr  
1011 WQOR 105.7 NC Elizabethtown, 81  
oldies, "Gold 105", local ad  
1017 WYFI 99.7 VA Norfolk 156  
2/22 tr  
0643 WGH 97.3 VA Newport News, "97Star" 153

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

Equipt: Pioneer TX-9100 modified with 180 kHz filters, Antennacraft 10 el. up 20 ft.

2/8 (all tr or ex.gw) 275  
1950 KLOZ 92.7 MO Eldon, "Z-93, MO's finest" 140  
2/23  
0959 KLRC 101.1 AR Siloam Springs, g, ID  
3/23  
1310 KEYB 107.9 OK Altus, ad, k 160

3/23  
1330 KFPI 92.1 OK Marlow, "Foxy 92", k, \$120  
1500 KYII 104.7 TX Burkburnett, ID, k, \$ 165  
3/26  
2300 KBUZ 99.1 KS Eldorado-Wichita, ID, r120  
2320 KMYE 104.9 OK Pawhuska, Y-FM, oldies, \$



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

Equipment: Sony ST-J60 and Pioneer SX-828 both modified with 150 khz filters.

**MARCH 1990 DX**

**2 Tr**  
 1930 WCTX 92.1 NY Palmyra 145  
 1947 WHJY 94.1 RI Providence, rarely heard 175  
 2019 WAAF 107.3 MA Worcester, last heard in 1983! 177  
 2100 WCRB 102.5 MA Waltham 162

**3 Tr**  
 0300 WETA 90.9 DC Washington WHYY off 207  
 0330 WPFW 89.3 DC Washington 207  
 0400 WGTY 107.7 PA Gettysburg 170  
 0402 WITF 89.5 PA Harrisburg WSOU off 155  
 0412 WYCR 98.5 PA York 153  
 0800 Conditions way up, some trop stations are up to 5 lights!!  
 0805 WAFL 97.7 DE Milford 210  
 0823 WFOG 92.9 VA Suffolk, dominating chnl 307  
 0824 WOLC 102.5 MD Princess Anne 200

**4 TrS**  
 1507 WENU 101.7 NY Hudson Falls 180

**6 TrS**  
 0705 WDBA 107.3 PA DuBois 248

**9 Tr**  
 1900 WPBX 91.3 NY Southampton, confirmed by Rich Shaftan. 70  
 1910 WSNE 93.3 MA Tauton, long wanted 175

**MARCH 1990 DX**

**9 Tr continued**  
 2200 WJFD 97.3 MA New Bedford 165

**12 Tr**  
 0115 WHUR 96.3 DC Washington full quieting 207  
 0200 WESM 91.3 MD Princess Anne 220  
 1730 Au, unIDs 99.7 AOR, 105.7 Oldies, 4 stns 91.7  
 1845 WRHP 107.9 NY Syracuse, OVER WEBE! 203

**15 TrS**  
 1845 WYOR 100.5 NY Rochester, confirmed by Bob Smolarek, 235

**17 TrS**  
 0705 WGBI 101.3 PA Scranton, last heard 1976! 97  
 0734 WMHR 102.9 NY Syracuse, gave weather for Syracuse, Watertown, Rochester 202  
 0800 WHWK 98.1 NY Binghamton, local wx 160

**18 TrS**  
 1800 WUFM 100.1 PA Lebanon 145

**19 TrS**  
 0230 WVKZ 96.7 NY Clifton Pk. ph 372-ROCK Rare: WJAZ off 165  
 0245 WKFM 104.7 NY Fulton, rare: WSPK off the air 209  
 0240 CFMK 96.3 ON Kingston, full quieting for minutes, WQXR off the air 260

The aurora appeared almost exactly to the day of last years one. We had temps reaching as high as 86 degrees in mid March!! You would think there would be good trop, but NO. **MODIFICATION UPDATE:** advice to DXers, go get a good analog car radio and modify it with the 150 khz filters and you will have a radio with razor sharp selectivity! I modified 2 analog car radios and was shocked by the results. Digital car radios improved too but anglogs much better. Did you know it is possible to eliminate AFC in radios that have it? It is much more complicated than just changing a part, you need a multimeter for this and patience. I have eliminated AFC from 4 radios so far. I might do a special report on this also very important mod. GOODXing, Bill

MIKE BUGAJ - 69 SHERMAN RD. ENFIELD - CONNETICUT 06082

**JANUARY 1990 DX**

**2 Tr**  
 2100 CHIK 98.9 PQ Quebec, FF, antenna just east of WQCR Burlington/  
**20 Tr**  
 2100 WMJS 93.5 VT Springfield, Kiss 93.5  
**30 Tr Heavy Ice: WUPE 95.9 off**  
 1810 CJFM 95.9 PQ Montreal, FM 96, EE, FF thrown in 1943 WVOS 95.9 NY Liberty  
**31 Tr**  
 0742 WYLR 95.9 NY Glens Falls, WUPE on, but weak

**FEBRUARY 1990 DX**

**2 Tr**  
 2155 WZCL 105.3 VA Norfolk, also WYFI 99.7

**3 Tr**  
 0852 unID 107.5 Thunder 107 (WHT Portland-gc)  
 0910 WLNH 98.3 NH Laconia, r  
 0932 WFTN 94.1 NH Franklin, Classic Hits  
 0940 WENU 101.7 NY Hudson Falls  
 0941 WBFL 107.1 VT Bellows Falls, B107, oldies?  
**15 Tr WMAS off due to icing**  
 2100 WKLL 94.9 NY Utica, r classic hits

**JANUARY 1990 DX**

**26 Tr**  
 0745 WQSR 105.7 MD Catonsville  
 1748 WLTJ 92.9 PA Pittsburgh, in and out with WMGS Scranton. Lite 92.9 WSHH also heard

**MARCH 1990 DX**

**2 Tr**  
 0640 WXYV 102.7 MD Baltimore, V-103, mixing in with WNEW New York.

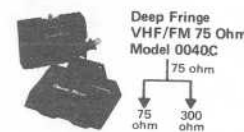
**Notes:** Bill Nollman and I came over one night with 5 150 khz filters. We put the 150's into the Carver. We both noticed improved selectivity over the 180 filters. In my own observation, selectivity on the local adjacent channel was the same as with the 180s. But a dramatic difference was noted on the upper adjacent channels like 107.1, 106.1, 104.3, 103.1, 96.7, 95.9, 94.9, 92.7, 100.7. All of a sudden stations like WGNV 103.1, and WHUD 100.7 were completely in the clear. I would say if the 180 khz don't quite cut it on the upper channel, install the 150s. However, if you are using an analog tuner, you might not even need the 150s. My Sony (with 180s) is just as good as the Carver with 150s.

**DX,ers Earlybird Specials from Rich.**

**CHANNEL MASTER:**

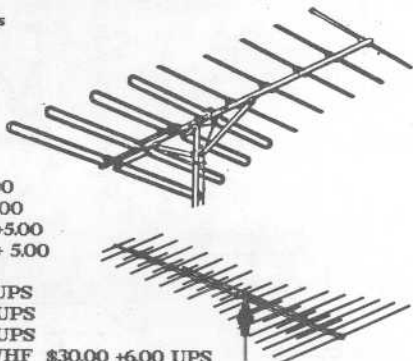
#9510 antenna rotors	\$69.95 + 5.00 UPS.
#4406 stereo probe Sm.	\$63.25 + 6.00 "
#4408 " " " Lg	\$85.00 + 7.00 "
#4225 4 bay bowtie	\$28.95 +5.00 "
#4228 8 bay bowtie	\$ 62.95 +6.00 "
#0040c VHF 75ohm out 17db high input	\$60.95+ 5.00 ups
#0061c VHF same as above BUT W/ 75 ohm input also.	\$76.05 +5.00
#0071c UHF 23db 75 ohm output	\$76.05 + 5.00ups
#0069c UHF same as above but 75 ohm in also.	79.05 + 5.00

MONITENNA SCANNER ANTENNA 30-890 Mhz W/Cable +connectors \$49.95 + 6.00 ups



WINEGARD COMPANY:

CS-6065 FM	\$102.50 + 7.00 ups
CS-2073 VHF -HI 10 Ele.	\$ 73.00 +7.00 "
CS-9095 UHF corner yagi	\$ 99.00 +7.00
CS-9085 UHF corner yagi	\$ 80.50 +7.00
KU-420 4bay bowtie	\$36.95 +5.00
KU-4202 8 bay bowtie	\$ 66.00 +7.00
CP or GA -3800 VHF 28db.	\$ 72.00 +5.00
CPor-GA -4800 UHF 20db	\$ 79.00 +5.00
AC- 4990 UHF 19db low noise	\$107.50 +5.00
AC-9130 VHF 24db low noise	\$ 79.50 +5.00
PA-1375 VHF Commercial 26db	\$ 120.50 +5.00
PA-4975 UHF " "	29db \$ 139.50 + 5.00



ANTENNACRAFT

P-5 UHF parabolic dish	\$59.95 +6.00 UPS
P-7 UHF parabolic dish	\$79.95 +8.00 UPS
GFM-10 10ele Fm.	\$45.95 +7.00UPS
10 ELEMENT cut or broadband Yagis HI-VHF	\$30.00 +6.00 UPS
10 ELEMENT " " " " LO-VHF	\$60.00 +6.00 "
5 ELEMENT cut or broadband Yagis HI-VHF	\$20.00 +5.00 UPS
5 ELEMENT " " " Yagis LO VHF	\$ 32.00 +6.00 UPS
6 outlet surge +noise suppression strips	\$37.95 +3.00 UPS
Single plug type surge protection	\$ 7.95 +3.00 UPS
RG-59u coaxial cable	.18 perfoot or 1000' at \$ 100.00 +UPS
RG-6u " "	.25 perfoot or 1000' at \$149.50 +UPS
RG-11u sold only in 1000' spools at \$269.95 +ups	

CALL or WRITE  
 Rich Wertman Phone # (716-433-0805)  
 6150 Crosby Rd.  
 Lockport, N.Y. 14094

Just got ahold of some super antennas for a super price, and I'd like to pass along these deals to any members. Cleaned out an attic of an old distributor in our area. Some I thought may be of interest to DXers:

TEKNIKA - TVC-22 - remote tuners and SAP + MTS -- \$89.00 + shipping, Limited (Super receiver close to 6510's)

WINEGARD - CH-5200 VHF log Chromstars - 200" boom length - excellent VHF antenna - I'll sell at \$125.00 each. Distributor 12-up cost on this item \$185.00 (way below cost)

WINEGARD - CH 5048 VHF edge style chromstar - 120" boom. Excellent antenna, very directive - I'll sell for \$100 each. Distributor 12-up on this is \$154.00 (way below cost).

This antenna prices don't include shipping; call or write me and we can work out a price for your area. Phone (716) 433-0805 after 5 pm ET M-S.