

# From The STAFF

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HAPPY 1989!...Here's to a great 1989 for WTFDA members and VHF/UHF DXers everywhere! This new year holds a lot of promise for improved DX conditions. It now appears that 1989 WILL be an incredible year for F2 skip DXing--even some skeptics are starting to believe it! F2 skip conditions parallel sunspot activity, and as this is being prepared, the Sunspot Number as announced by the National Bureau of Standards is around an incredible 250--highest in many years...and we've just gotten word that 48.25 MHz European video sync buzz has been detected in New England! TV DX reports are sure to follow!

STAY UP, TUNE IN...Do be sure to catch the ABC Talkradio Ray Briem Show DX Special in the early hours of January 7th (details appear in last month's issue). In what has become an annual event, Ray (a DX enthusiast himself) is host to an interesting panel of well-known guests from all over the DXing world. DXer Greg Hardison--a member of WTFDA and other DXing clubs--does a great service to the DXing hobby by giving it this nationwide media exposure. He sends word that "even though we are not featuring any 'speciality' VHF/UHF guests this time around...I still encourage as many members as possible to call in and talk about FM, TV, NWS and other fun features of the VHF/UHF world...it's the best way I've found to spread the word about the various clubs, and DXing in general..." There's a lot going on in the world these days, and with so many topics as fair game for network radio talkshows, Greg is to be commended. DXing is still a relatively obscure hobby--and don't forget--VHF/UHF enthusiasts are a minority interest within that hobby!

DUES INCREASE...Right about now the club Board of Directors should be deciding on a new dues structure. WTFDA's dues have not increased since 1981--this is the longest period that the club has gone without such a change. What's been proposed is an increase to \$17 per year after January 31--modest, compared to the increasing costs of other things lately! Doing so would allow the VUD to continue in its current format, which places practically no space limitations on DX and station data report columns. Starting with next month's issue, renewal notices sent out will reflect the new rates. There's still time--if you renew early, you'll beat any increase!

COLUMN NEWS...Danny Buntin relates that there's no SOUTHERN FM DX this month, due to a lack of reports...We still hope to publish the membership roster proposed a few months ago--as of deadline, it hasn't been received...Ron Stock wants members outside North America to contribute items to his INTERNATIONAL NEWS section--if this column doesn't get support, we'll drop it...comments anyone?

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Thanks to Bruce Elving (and CFMX-FM) for another outstanding cover!

# Television news

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## ABBREVIATIONS USED IN THIS COLUMN:

- AAT Antenna height above average terrain
- AG Antenna height above ground
- ASL Antenna height above sea level
- AZ Azimuth (North=0°)
- BT Beam Tilt
- CP Construction permit
- 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

## APPLICATIONS FOR NEW TELEVISION STATIONS

- | ST | CH | ERP  | HAAT | CITY/APPLICANT               |
|----|----|------|------|------------------------------|
| NV | 15 | 3000 | 1132 | Las Vegas; Sainte Ltd.       |
| TX | 16 | 12.7 | 279  | Eagle Pass; Juan Wheeler Jr. |

## CONSTRUCTION PERMITS GRANTED

- | ST | CH | ERP  | HAAT | CITY/APPLICANT                                   |
|----|----|------|------|--|
| NE | 15 | 5000 | 1077 | Omaha; Mid-American Broadcasting Inc.            |
| OR | 28 | 391  | 911  | Eugene; Oregon Commission on Public Broadcasting |
| SC | 21 | 5000 | 1989 | Florence; Megara Communications Corporation      |

## APPLICATIONS DISMISSED

- NE Omaha; ch. 15; Family Television Inc.; Koplair Communications Inc.; Omaha TV 15 Inc.  
TX Eagle Pass; ch. 16; Melvin Jones.

## CONSTRUCTION PERMIT CANCELLED

- | ST | CH | CALLS | CITY    |
|----|----|-------|---------|
| OK | 30 | KICN  | Shawnee |

## APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

- | ST | CH | ERP  | HAAT | CALLS | CITY                  |
|----|----|------|------|-------|-----------------------|
| CO | 53 | 5000 | 627  | KWHD  | Castle Rock (amended) |
| FL | 21 | 3097 | 483  | WFET  | Fort Pierce           |
| TX | 48 | 2570 | 945  | KMHB  | McAllen               |

## CONSTRUCTION PERMIT MODIFICATIONS GRANTED

- | ST | CH | ERP  | HAAT | CALLS   | CITY       |
|----|----|------|------|---------|------------|
| GA | 49 | 1738 | 538  | WTLN    | Bainbridge |
| OR | 24 | 2710 | 1519 | KTDZ-TV | Portland   |
| TN | 28 | 230  | 869  | WMTT    | Cookeville |

- |    |    |      |      |      |            |
|----|----|------|------|------|------------|
| TX | 34 | 508  | 440  | KCTF | Waco       |
| UT | 4  | 37.6 | 2742 | KCCZ | Cedar City |
| WA | 51 | 1022 | 2424 | KBEH | Bellevue   |

## APPLICATIONS TO CHANGE EXISTING FACILITIES

- | ST | CH | ERP  | HAAT | CALLS | CITY           |
|----|----|------|------|-------|----------------|
| FL | 33 | 3500 | 5000 | WHBR  | Pensacola (mp) |
| TN | 66 | 250  | 528  | WJBF  | Lebanon (cp)   |

## CHANGES GRANTED STATIONS ON THE AIR

- CA Los Angeles; KTLA, ch. 5; granted license to cover MP for changes which probably took place around September, 1988; see 7/88 VUD.
- CA San Francisco; KWBW, ch. 38; granted CP to change ERP from 5000 kw max/3819 kw hor to 5000 kw max; 1418' AAT/700' AG/1534' ASL (34' higher ASL); TL to Mt. Sutro Tower; coordinates 37°45'20"/122°27'05" (about 3 miles WNW); doesn't look like any big change; no doubt still a beam tilt with still close to that 3819 figure in the horizontal plane.
- GA Wrens; WCES-TV, ch. 20; granted license to cover CP for changes that took place around June, 1988; ERP raised from 457 kw max/331 kw hor to 5000 kw max; 1414' AAT/1365' AG/1801' ASL (reduction of about 100'); same TL.
- LA Alexandria; KLAX-TV, ch. 31; granted MP to raise ERP from 1619.8 kw max to 1320 kw max; 1093' AAT/1027' AG/1253' ASL (883' higher ASL); TL 1.5 miles SW of Dry Prong; coordinates 31°33'54"/92°33'00" (Az. 357° (north) 17.58 miles from present TL).
- MI Detroit; WDIV, ch. 4; granted license to raise ERP from 97.7 kw to 100 kw max; 1004' AAT/1020' AG/1706' ASL (48' lower); same TL. Don't expect any changes in this one.
- NC Charlotte; WPCQ (planning to change to WPJB-TV), ch. 36; granted license to cover CP for changes that probably took place in September, 1988; see 3/88 VUD. I'm open for comments on improved DX or reception on this one.
- TN Cookeville; WCTE, ch. 22; granted license to cover CP for changes, which probably occurred last August; ERP raised from 661 kw max/427 kw hor to 1314 kw max; 1395' AAT/776' AG/2773' ASL (not much change in height); same TL.

## CALL LETTER APPLICATIONS: NEW STATIONS

- | ST | CH | CALLS   | CITY/APPLICANT                      |
|----|----|---------|-------------------------------------|
| TN | 8  | WKXT-TV | Knoxville; Knoxville Channel 8 Ltd. |

## CALL LETTER GRANTS: NEW STATIONS

- | ST | CH | CALLS   | CITY/APPLICANT          |
|----|----|---------|-------------------------|
| WV | 29 | WKRP-TV | Charleston; P.S.A. Inc. |

## CALL LETTER GRANTS: EXISTING STATIONS

- | ST | CH | CALLS | CITY/APPLICANT                |
|----|----|-------|-------------------------------|
| NY | 26 | WTJA  | Jamestown; WMOD (new station) |

**NEW STATIONS ON THE AIR**

**KY** Lexington; WLKT, ch. 62z, went on the air 10/15/1988; 2333 kw max ERP; 1067' AAT/1129' AG/2049' ASL; coordinates 38°03'29"/84°23'51"; BT HOR; independent; address: FBC Inc., 124 New Circle Road NE, Lexington KY 40505.

**NY** Jamestown; WMOD (changed shortly thereafter to WTJA), ch. 26z, went on the air 9/24/1988; 708 kw max ERP; 597' AAT/427' AG/2057' ASL; TL 2 Orchard Road, Ellicott, Chautauque County; coordinates 42°05'06"/79°17'23"; independent; address: Jamestown Television Associates, 401 W. Kirkpatrick Street, Syracuse NY 13250-0095.

**OK** Oklahoma City; KSBI, ch. 52z, went on the air 10/7/1988; 1355 kw max ERP; 601' AAT/520' AG/1824' ASL; TL in Oklahoma City (about 10 miles south of the other OKC television stations); coordinates 35°22'54"/97°29'20"; independent; address: Locke Supply Co., Box 26128, Oklahoma City OK 73126.

**FORUM**

It's been a light month this month for both mail and research. One thing has upset me: Going to college two consecutive days of the week and spending those nights away from home, I find myself returning home having to search for three days' worth of mail, sometime unsuccessfully. Around the end of November, I just happened to come across some mail that had been stuffed in a bookshelf, postmarked October 31 and November 1. Included in that was a telephone bill and a letter from Dave Sinclair that could have made last month's column. The telephone almost got shut off.

Although I had been slack on occasions in going through all the mail when I do my column, last month's column and this month's have covered all the remaining mail that I am aware of. Hopefully nobody else's mail is hiding in a bookshelf or who-knows-where-else.

**ROD O'CONNOR** (Kodiak AK) sent some articles on the television crisis in Copper River Valley, Alaska. From an undated *Anchorage Daily News*: "Nick Zerbino has had it with the freeloaders, so he shut down the television station in the Copper River Valley. Zerbino is the president of the Wrangell Mountain TV Club, which rebroadcasts two Detroit television stations off a satellite to Paxson, Kenny Lake, Copper Center, Gakona, Glennallen, Tazlina and other, less metropolitan, communities in the valley. It costs around \$15,000 to keep the station on the air each year. To raise the money, Zerbino for five weeks puts a message across the bottom of the creep - he can do that from his house - calling on everyone to send in \$50 each. But he got only \$2,800, so he switched off the station." "It worked last year and the year before that," Zerbino said. Last year television screens were blank for two-and-a-half months while viewers grudgingly paid, but the tactic didn't add to Zerbino's popularity in town. He is used to angry phone calls from people who want their TV back."

"The unusual arrangements for television in the Copper River Valley began in 1967, when a local engineer tried to pick up Fairbanks, club members

said. He began rebroadcasting the poor signal that came in - which was gray and snowy at best and was frequently wiped out by the northern lights. But when satellite technology became available, the club got a state grant and contributed its own money to set up a 10-watt television station on Willow Mountain, where it can be reached only by helicopter. A satellite dish picked up a Chicago station and sent it out to the valley in a clear, color picture. But then that signal was scrambled and its owners refused to sell it out to Copper Valley because they have no way of counting the number of viewers. Zerbino did some research and found a company that serves the Canadian Arctic could beam Detroit television to his area. The signal costs about \$1 per month for each of the 850 families who live in the area, (club vice president Larry) Bedford said."

The 11/2 *Anchorage Daily News* reported, "Detroit television is still on the air in the Copper River Valley, despite plans by the president of the Wrangell Mountain TV Club to turn off its station if \$15,000 was not raised by Tuesday. Club Vice President Larry Bedford said he is halfway to the goal, but he doesn't know how long the station will remain on the air. President Nick Zerbino was 'non-committal' when asked if he would leave it on, Bedford said. Zerbino refused to comment." Maybe he should try a PBS-style begathon and make them feel guilty for watching and not paying.

While out along the Pacific coast, let's go to **DAVE SINCLAIR** (Vancouver BC), who sent a copy of a letter from Open Learning Agency, which runs Knowledge Network. The letter is in reply to Dave's logging of Knowledge Network on channel 49: "The signal is originating from a twenty-watt transmitter on Mayne Island, that is owned by a local island television society. The transmitter was funded by the provincial government's PEETS program which is designed to provide educational television to areas without the population density necessary to sustain cablevision. At the present time, approximately seventy-two low-power relay transmitters have been installed at points throughout the province to permit rural areas to enjoy the Knowledge Network."

Dave adds further information: "The Knowledge Network is our provincial government operated educational television network; this started in January, 1981 and until now was available in greater Vancouver only from cable. I received this letter last week and subsequently telephoned the Knowledge Network and was advised that this transmitter is only 200 feet above sea level and is on the side of a mountain! The Knowledge Network started as an educational instructional operation but now has a variety of children's programs and series seen on PBS such as British programs and occasional science fiction movies over the last three years."

In other areas, the 10/18 *Province* reports that the CBC's 24-hour all-news cable network should be operating by spring, 1989.

**MARK JAMES** (Marquette MI) sent in an article from the *Daily Mining Gazette* from Houghton MI, about WHTA, channel 5 in Calumet MI, still under construction. (The station was granted a CP

several years ago, was cancelled around the middle of 1987, and later reinstated, and still not yet on the air. "WHTA-TV is moving. A short-lived tempest created by plans to build the television station across from the Quincy Shafthouse ended when protest from national, state and local park organizers prompted station owner and self-confessed history buff Lyle Evans into willing retreat. Evans said he's relocating the channel's transmitting tower to a site near South Range. He hasn't decided on a new location for studio facilities." "The station site previously changed from a spot near Houghton County Airport, but Evans said he's not discouraged by the latest setback." Let's see if this station ever gets on the air.

An article with comments from **LESLIE PRICE** (Wilmington NC). The article, from the 11/22/88 *Wilmington Morning Star* involves North Carolina television stations WJKA, ch. 26 in Wilmington, WNCT-TV, ch. 9 in Greenville, WCTI, ch. 12 in New Bern, WWAY, ch. 3 in Wilmington, and WITN-TV, ch. 7 in Washington. "Three area television stations have filed protests with the [FCC] against the sale of WJKA-TV to Park Communications, which owns WNCT-TV in Greenville. WWAY-TV in Wilmington, WCTI-TV in New Bern and WITN-TV in Washington, N.C. have, in separate petitions, asked the FCC to deny the \$7.25 million sale because it would give an unfair advantage to their Greenville competitor. If the sale to Park Communications goes through, WJKA would be operated as a 'satellite' of the Greenville station, carrying much of WNCT's programming with a maximum of 5 percent in local programs. WJKA, a CBS affiliate, would maintain its own logo and public service announcements. That would give WNCT access to two television markets at a much lower-than-usual cost because it would need to operate only one full-service station, its three competitors argue in their petitions. They also complain that Wilmington Telecasters, Inc., which owns WJKA, has not done enough to find a buyer who would operate the station as a full-service facility.

"Robinson Everett, part-owner of Wilmington Telecasters, said in an interview earlier this month that his company has 'not actively been marketing the station.' Instead, he said, it had received several offers. The sale to WNCT also would violate the FCC's 'dupoly' rule against one owner having two television stations with overlapping signals since the less powerful 'grade B' signals of both WNCT and WJKA can be

received by viewers in portions of Onslow, Duplin, Sampson, Pender and Bladen counties, the opposing stations argue. The overlap with WNCT would be even greater if WJKA were operated at full broadcast power, with a higher antenna at a more central location. The competing stations contend that the CBS affiliate's signal purposefully has been kept weak to avoid overlapping the signal from WFCT-TV in Fayetteville, which is owned by the investors who set up WJKA. Park told the FCC in its purchase request that it should be given a waiver from the overlapping rule, allowing it to operate WJKA as a satellite 'in the public interest.' Park argues that WJKA has been losing money since it started in 1984, that Wilmington Telecasters doesn't have enough money to upgrade the programming and that it hasn't had a serious offer to buy WJKA as a full-service station."

Leslie adds, "During the time of WJKA-TV heavy debt, they stayed on 24 hours a day running 'Green Acres,' 'Andy Griffith Show,' and other reruns along with wrestling with no commercials that I saw. Ch. 39 (PBS affiliate MUNJ-TV in Wilmington. -wbf) is about to move up to 1,800 ft. on the ch. 3 tower reaching far inland. Ch. 26 WJKA reaches up & down the coast on the same tower. Also, what has happened to ch. 8? Are they still going to broadcast up & down the coast at 2,000 ft in Carteret Co?" As far as I know, I have no record of changes yet, and their permit is still active.

Lastly, a few pieces of information from **WALTER PATTON** (Willowdale Ont.):

**CHANGES GRANTED:**

- ON Owen Sound: C11V-TV-4, ch. 4; to raise ERP from 18.4 kw to 20.6 kw.
- PQ Jonquiere: CFRS, ch. 4; change 24.55 kw ERP to 27.6 kw (as-built).
- SK Stranraer: CFQC-TV-1, ch. 3; raise ERP from 6.8 kw to 100. This one should keep some of those E-skip clouds busy!

**NEW CALL LETTERS:**

- PQ Thorford Mines: CBMT-5, ch. 32; 1.14 kw ERP.
- PQ Trois Rivières: CBMT-4 (CBMT-1); 11.6 kw ERP.

**APPLICATIONS FOR NEW STATIONS:**

- (all to repeat CIHF-TV, ch. 8, Halifax)
- NS Bridgewater: ch. 9; 6.67 kw ERP.
- NS Truro: ch. 18; 6.00 kw ERP.
- NS Wolfville: ch. 20; 126.0 kw ERP.

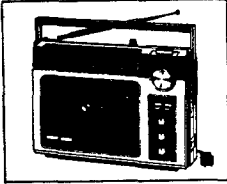
Logos Run (continued from page 35)

(continued)

# FM NEWS

Readers' Reports—A VUD Exclusive!

Harold Sellers sent me a DX Ontario bulletin, which is so well-printed and edited that it looks like a magazine, and it includes some FM DX, as edited by Morris Sorenson. Otherwise it's an all-band [sans TV] club, with subscription \$25 for U.S. readers. Write to ODXA Membership Secretary, PO Box 161, Station A, Willowdale ON M2N 5S8. The program guide of KZNA-KANZ in Western KS lists me as a supplier of the General Electric Superadio, which Jim Skinner, stations' chief engineer, recommends. "It is sensitive and selective on both AM and FM, and it has external antenna connections for FM. Sound quality is quite good for a portable mono-radio. Check with your local radio dealer, but I warn you this particular radio is hard to find. They probably will have to special order it for you. There is a small company in Minnesota that stocks GE Superadios (model 7-2885) and sells them at a discount. FM Atlas Co., Box 24, Adolph MN 55701, \$53.50, including shipping." I have 24 of those radios coming in, and GE promised delivery in January. It is priced at \$86 plus \$4.50 shipping for a radio modified with FM-SCA (specify either 67 or 92 kHz), or \$106 plus \$4.50 shipping for a model with two SCA adapters, to get both 67 and 92 kHz SCS. I have a new radios and electronics catalog. Write for that; it's free.



Eric S. Bueneman sent St. Louis and Atlanta FM bandscans, with the comment that St. Louis Community College is "considering budget cuts that will force KCFV [89.5 Ferguson MO] to go silent in mid-1989, leaving this already-underserved portion of St. Louis County with no radio service. A new group, formed by KCFV DJs Eric (E. B. Stevenson) Bueneman, Ralph (Buzz Carlson) Ullrich, Dennis O'Loughlin and Vernon Jackson, are seeking investors to buy KXEN AM and KLTH FM. KXOK 630 could be affected if such a deal takes place." Eric points out that KXEN AM 1010 is an "ailing gk [southern Gospel] station that has not shown up in the Arbitrons since 1984, while KLTH 97.1 is in a similar situation with its mj [new age-jazz] format. Any sale will affect KXOK 630 AM, which will have to be spun off to make room for KXEN.

From France I got a long letter describing the location of the writer's station in Le Havre city, opposite England on the coast, with 1/2-million people, and its coverage over water of 161 km and on land of 64 km. It broadcasts in stereo, and is apparently a "free" radio station, not owned by the government, but either approved or tolerated by the government. He appreciated the mention I put in the VUD and FMedia! "Felicitations for your work—it's really nice and definitely great to know that FM stations are still alive from foreign countries. Hopefully, I look forward to hearing from or about other FM stations. I'm looking for promotional U.S. items and/or tapes" of how they sound. If anybody wants to share air-checks, etc. write P. Soubielle, 59 R. E. Meyer, 76620 Le Havre FRANCE.

Tim McVey sent items from trips he took to the Southwest and north. He found translators out west get out farther than those in the east. He sent an article about CHFX 101.9 Halifax NS getting new studios. "I sat in a motel parking lot in beautiful Quebec City doing a bandscan, and found over 25% of the 35 signals on the FM dial had the same programming! One set of stations came in, all parallel, at 88.1, 90.1, 91.3, 93.7, 96.7, 101.1. These are not images! Enjoyed bandscanning around Sydney/Glace Bay NS. Only 16 signals on whole FM dial to be found; only three locals. Actually, in many areas of Cape Breton we had to turn to AM radio for entertainment because FM was noisy or nonexistent. This turned out to be a blessing in disguise because the AMs had much more interesting programming; e.g., local news and highlands music! . . . The great deal of traveling I've done in 1988 has put me in a unique position to comment on your Atlas. It is amazing how accurate it is. You have outdone yourself. I've used it extensively in 23 states and three provinces, and it is over 99% accurate in every area; almost all cases the FM dial matches the Atlas exactly. In fact, I will subscribe to FMedia! now just because of the good work on the Atlas. I wonder,

though, if you might seek to hire a graphics person or even take on a volunteer to work on the maps. The maps have grown worse with each edition and now—as I know too well from experience—they are very difficult to use when traveling or DXing. As great as the technical content of the Atlas is, it's too bad the maps must be so horrible." You'll see his specific station news in next month's VUD.

He also sent comments from one of his column contributors: "Why does AM sound like AM besides [bad] sound quality? 1) News every half hour; 2) adult contemporary only; 3) missing dog reports; 4) boring DJs; 5) no jingles; 6) commercials every two or three songs. AM owners are afraid if they change they'll lose their audience. . . . FM crowding, directional antennas, short spacing? No way! Is the FCC out of their minds? I live 19 km west of New York city, and it's impossible to get adjacent channels unless the tropo is real strong. I heard that the DC/MD area is almost impossible for any kind of DX. . . . I've been listening to FM since 1969 and fondly remember NYC FM radio as it was. . . . WOR-FM 98.7 was the No. 1 FM station if I remember correctly and they were top 40 circa 1970! What's No. 1 in 1988? Z-100, top 40! [This was WVNJ-FM 100.3, 'W-V En-Joy-'] Also, WPX-FM 101.9 was a true innovator, with jingles, top 40, disco, and even a Howard Stern-type program in 1979."

WSJY 107.3 Fort Atkinson WI contacted me with a photocopy of a 1983 (July 18) reception report from New Zealand. It came from Graham J. Barclay, PO Box 1437, Hastings NZ, who heard music at 6:27 p. m., several WSJY slogans, a beer commercial, news, a Chevrolet dealer ad, more slogans (but no call letters), with signal lost at 6:40 p. m. F2 skip! He reported using a "Simpson" receiver with a "dish" antenna. If you worked at WSJY would you verify this reception? Why or why not? One hint: It is impossible to tell from the postmark on the photocopy how soon after allegedly hearing the station the report was mailed.

It's not a "Simpson" receiver (which I thought was a brand of electronic meters and test instruments), but an Icom R-7000, which Ray Babecki uses. Thanks to its recorder output and a Capri CD-01 decoder, he's able to pull in FM-SCA signals. Most receivers are so well filtered at the output jacks you cannot hear SCA, but the Icom R-7000 must be an exception. "WCTC (AM) is on WJQJ 98.3 New Brunswick's SCA. WSOU '89.5 South Orange NJ is still playing heavy metal, but now advertises that it's 'pirate radio'—why? They have a license! WSOU, by the way, is the only college station which uses SCA (EIES of New Jersey, reading for the blind at 67 kHz). Shock Radio, 92.3 WXRK is supposedly cutting Howard Stern to four, instead of five, days a week. FCC pressure, or ratings?"

Gus Mancuso claims to have heard an extraterrestrial radio signal, with Jimmy Haskell's "Rock in Orbit" instrumental. That was preceded by the announcer saying, "From the moon, your main man, the moon on soul radio," 1460 Washington DC. Apparently AM is going on such hard times that its stations have had to re-locate on the moon! "There was a recent article saying research is being done to the effects of radio signals on the human body—microwave radiation, etc. If found to be harmful, standards could be set, perhaps lowering power of stations 90% or more! If AM found to be harmful, lower power would kill it. FM and TV could use taller towers and/or cable to compensate," so Gus says. The latest I saw is the FCC and/or EPA have virtually quit testing to find any harmful radiation levels in broadcasting on the human body—Reaganonomics at work!

Joe Fela says WFRS '88.9 Smithtown NY on air, even IDing with WFME '94.7 Newark; heard during one of WSIA Staten Island's silent periods. "W244AS 96.7 Oakhurst NJ is on the air, relaying WHTZ 100.3. There's been a little ES in November. Three minor openings on TV including one which got into the FM band and produced" two south FL stations.

Topeka's "Joy 88.7" KJTY, might move to 88.1 and raise power. This thanks to KSDB Manhattan's moving from 88.1 to 91.9. Also, KLCJ 88.5 Kansas City wants more power. Move of KJTY would largely eliminate interference to reception that results in the east from KLCJ. Not known if KLCJ would finally embrace stereo after it increases power. Paul Swearingen, who sent the item, apparently has moved back to KS from CA.

Walter Patton said the CBC was refused permission to close the studio at CFRP AM Prince Rupert BC, and he noted that there are four local network of FM repeaters in that province. Originating stations, besides CFRP, are CBTk 88.9 Kelowna, CBYG 91.5 Prince George, as well as CBU AM Vancouver.

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FCC—FM

Is WJSR Really a Birmingham Station? January, 1989

Rochester NY FM Station History

by Scott Fybus

All stations licensed Rochester, unless indicated otherwise

Call Letters	1949	1955	1961	1966	1974	1982	1988
42.8 WBXAD (1940)							
43.2 WBXVB (1940)							
44.7 W47R (1943, later WHEF, then WHEC-FM)							
45.1 W51R (1943, later WHFM, owned by WHAM AM)							
Freq.	1949	1955	1961	1966	1974	1982	1988
*88.5	-	-	-	WRUR	WRUR	WRUR	WRUR
*89.3	-	-	-	-	-	-	WMHN <sup>4</sup>
*89.7	-	-	-	-	-	WITR	WITR <sup>3</sup>
*90.1	-	-	-	-	WGMC	WGMC	WGMC <sup>2</sup>
*90.5	-	-	-	-	WRHR	WRHR	WBER <sup>3</sup>
*90.9	-	-	WIRO	WIRO	WIRO	-	-
*91.5	-	-	-	-	WXXI-FM	WXXI-FM	WXXI-FM
92.5	-	-	-	WBBF-FM	WBBF	WNWZ/WMJQ	WBEE-FM
*93.3	-	-	-	-	-	WIRO	WIRO
95.1	WVBT	WRRE	WRRE	WMIV	WMIV	WYLF	WZSH <sup>1</sup>
96.5	WHEC-FM	-	WCMF	WCMF	WCMF	WCMF	WCMF
97.9	WRNY-FM	WRNY-FM	WRDC-FM	WRDC-FM	WPXY	WPXY	WPXY
98.9	WHFM	WHFM	WHFM	WHFM	WHFM	WHFM/WZKC	WKXL
100.5	-	-	WRVM-FM	WVOR	WVOR	WVOR	WVOR
101.3	-	-	WBBF-FM	WNYR-FM	WEZO	WEZO	WRMM
103.9	-	-	-	WDKX	WDKX	WDKX	WDKX

CBU-FM and CBUF 97.7 both Vancouver, are also believed to relay programming to other on-air (or planned) FM stations. "CANCOR has changed the lineup of stations in its satellite service: Add CISON 103.9, CKO-FM6 101.9, both Edmonton AB, CHF1 98.1 Toronto, Delate CKO-FM2 99.1 Toronto, CFQM 103.9 Moncton NB."

Andy Reid says CBC stations in towns like Atikokan, Kapuskasing and Red Lake ON, are all on AM-FM, but "they plan to turn the AM off eventually."

Receiving FM translators on the tip of Cape Cod is quite a trick, but Ernest R. Cooper's up to it! He's heard a WHCF 88.5 Bangor clone, and decided to subscribe to FMedia! now that he has seen a sample copy and found out that he has larger print and is easier to read than this column. The difference is that this column is photo-reduced, while my newsletter does not employ reduction, so even the small print in it is larger than this type appears to be. WBOQ 104.9, now stereo, is receivable where Ernie lives "with no problem from 50 km rocker WKPE 104.7 next door to them on the dial, with the McIntosh MR-78 FM tuner."

"I think it's a mistake to deemphasize the appearance of SCA data in FCC-FM; after all, many VUD members do not subscribe to FMedia!, and if the data don't appear on a regular basis, they may be discouraged from reporting it (i.e., W. R. McIntosh's comments)," writes Nick Lombardi. "As of this date, you still have 50 unknown format SCA stations, and I think you need all the help you can get [in identifying what they use their SCAs for!]

If you are determined to "cut down the size of my VUD column", then I would think the "FM Rulemakings" sections could be safely relegated to FMedia!"

"I'm glad you like my article," writes a person wanting publishing credit. "It would please me if you could use my article or my poem in some of your publications. I want people to know it's all right to listen to SCA at home and that they shouldn't be afraid of using an SCA receiver. I want to help you to let people know. After two years of research, I have found someone else who is on the same wavelength (frequency)."

Now on to the Rochester NY band history and things that were in last month's FMedia! newsletter. Look for the original feature, buried inside, "See also Dec. VUD For," in which I point out things published in other columns of interest to the readers of this column.

A Happy New Year to all FCC-FM readers and contributors!

FMedia! A quite technical newsletter for those interested in FM radio, they carry station news, FCC rulemaking, notes on market trends, ads for transmitters, and seemingly-endless lists of who's new on the air. Obviously a labor of love or obsession," as reviewed in Factsheet Five published at 6 Arizona Ave., Rensselaer NY 12144-4502. Get a free sample copy of FMedia! and our new radio and electronics catalog for two mint 23¢ stamps. Yes, there is a 23¢ stamp; ask for it at your post office. Send no SASEs. Send to Box 24, Adolph MN 55701, U.S.A.

Notes on above: WVBT-WRRE South Bristol Township (Bristol Center NY) was one of several stations in the Rural Radio Network, which for a while rebroadcast WQXR-FM 96.3 New York, using FM inter-city relay, and included WFNF 107.7 Whettersfield, WVCN 105.1 DeRuyter, WVFC 95.1 Ithaca, WVCV 101.9 Cherry Valley and WVBN 107.7 Turin Village NY. Later, WHCU-FM 97.3 Ithaca replaced WVFC as an affiliate, and still later WEIV 103.7 Ithaca was built. After a period of monophonic middle-of-the-road music with new call letters, the stations became the Christian Broadcasting Network and embraced stereo. Later they ceased to exist as a group and were sold individually to different owners.

WBBF-FM 101.3 was forced to move to 92.5 in 1964 by WVOR 100.5. WVOR's studio and transmitter were located in Midtown Plaza, downtown Rochester. WBBF-FM's studio was also there, but its transmitter was like most commercial stations in Rochester—in a rural area several kilometers away. When WVOR was on the air, WBBF-FM was unable to receive its own signal at the studio. The later WNYR-FM/WEZO/WRMM is unrelated to the original WBBF-FM.

WIRO and WRHR were 10-watt stations. WIRO moved from 90.9 to 93.3 and remained with a ten-watt transmitter, while WRHR increased power to 2500 watts. WGMC '90.1 Greece had been 10 watts until 1980, when it was given 2000 watts.

Footnote references to cities: 1) Bristol Center, 2) Greece, 3) Henrietta, 4) Webster

## New FM Station, Translator Grants, Selected Translators—more are in FMedia!

AR Malvern 93.3 3000 h.v.; 35 m., M. Bcstg.  
CA Buelton-Solvang KTYD-1 99.9 300-watt booster of Santa Barbara station  
GA Albany \*91.7 3000 h.v.; 100 m., to be S.C. Peach State Public R. [J. Turner, Jr.]  
GA Clayton 104.1 480 h.v.; 249 m., Richard/  
GA Fort Valley 97.9 3000 h.v.; 100 m.  
GA Lyons 92.5 3000 h.v.; 100 m.  
HI Aiea (Honolulu) 107.9 100000 h.v.; 551 m., C. R. Crawford [Logan UT]  
ID Soda Springs K213BB \*90.5 (KUSU 91.5/  
IL Ramsey 105.3 3000 h.v.; 100 m., Henry J. Voss  
IN Attica 95.7 500 h., 35 m., A. Community R., Bruce Quinn: "I finally got a c-p in my own name; the station in Monticello IN is in my brother-in-law's name. Together, the stations will flank Lafayette. I was a notorious pirate, known to the FCC as 'Jolly Roger Radio' in Bloomington and they still gave me the c-p."  
IN Charleston (Louisville KY) 104.3 3000 h.v.; 100 m., Robert M. Mason [Regional Bcstg.]  
IN Delphi WNNJY 102.9 1200 h.v.; 157 m., Whitcraft/  
IN Knox \*89.3 380 h.v.; 62 m., G. K. Ed. Bcstg. Foundation [m., Judith A. Selby]  
IN Roanoke 105.1 3000 h.v.; 100/ [E. Henry KS Medicine Lodge 95.9 3000 h.v.; 100 m., Randy/KS Udall ("Wichita") \*90.7 2500 h.v.; 105 m., g. New Life Fellowship, FCC lists as Wichita, but will not give even a 1 m/vf contour service to Wichita; has to be removed from Wichita because of KSOF '91.1 there. Must be like WJSR '91.1, licensed Birmingham, but which does not serve that AL city.  
KY Benton \*90.5 4500 h.v.; 107 m., g. Heartland Ministries, Inc. [NE LA U.]  
LA Monroe \*90.3 87000 h., 77000 v., 263 m./

MD Cambridge 94.3 3000 h.v.; 98 m., CWA Bcstg. This grant will hasten WICO-FM Salisbury's move from 94.3 to 97.5 [R. L. Ruff  
MD Mountain Lake Park 98.9 490 h.v.; 202 m./  
MA Harwich \*90.3 180 h., 640 v., 38 m., Cape Cod Regional Technical High School [Mankato City]  
MN Mankato K289EC 101.7 (KEEZ 98.1/  
MN Rochester KZSE \*90.7 1380 h.v.; 259 m., MN Public Radio, revival of cancelled c-p  
MN Two Harbors 104.3 3000 h.v.; 100 m.  
MT Great Falls 100.3 100000 h.v.; 319 m., Con-/temporary Communications [Carson City]  
NV Battle Mountain K20SAT \*89.7 (KNIB 91.3/  
NJ Villas 98.7 3000 h.v.; 89 m., Great Scott Bcstg./  
NM Silver City K5CC 94.5 170 h.v.; 314 m.  
NY Castorland W240AP \*95.9 (WMMH 102.9 Syracuse; 14 m. E. Copenhagen, but a separate translator from that 95.9 outlet)  
NY Schenck Lake W214AG \*90.7 (WYFG 91.1 Gaffney SC—first grant via satellite in lower 48 states of an FM translator)  
NC Elizabethtown 105.7 2150 h.v.; 118 m.  
NC Southern Pines W210AC \*89.9 (WHPE 95.5 High Point; this translator now makes the former High Point Enterprise-owned station itself noncommercial.) [New Age Bcstg.]  
OH Crooksville W4RJ 107.3 3000 h.v.; 100 m./  
OH Gibsonburg 95.7 3000 h.v.; 100 m. The Carrs  
OH Nelsonville 107.7 3000 h.v.; 100 m.  
PA Patton WKBE 94.7 1050 h.v.; 168 m.  
SD Salem 100.5 50000 h.v.; 150 m. [Magnuson, primary unknown  
TN Knoxville W252AQ 98.3, Dwight R./  
TX Selmer 93.9 3000 h.v.; 100 m., WDTM, Inc.  
TX Sherman 104.1 3000 h.v.; 100 m., KTXO, Inc.  
VT Rupert (NW Manchester, near NY border) WRQL 104.1 1600 h.v.; 76 m., Radio Rachael  
WI Tomah 94.5 2500 h.v.; 110 m.  
WI Crawford Bay CCKC-110 9.140 h.v.; to relay CCKC AM Nelson  
BC Princeton \*93.1 CBRP 30 h.v.; replacing CBC AM with those calls "within one year"

BC Radium Hot Springs (15 km NW Invermere) CBKV \*94.5, 80 h.v.; replaces CBC AM with those calls within a year

BC Victoria (new \*92.1), in addition to having to relocate from Salt Spring Island so as to reduce overlap with CBU-FM \*105.7 Vancouver, is said to have to find a new frequency

NF Port-aux-Basques (SW tip, near Red Rock) CBNE \*91.9, 1280 h.v. AM to be shut down

NS Shelburne CBAP \*100.3, 1250 h.v.; to replace AM, "and perhaps CBHD Lockport and CBAV Sable River" [Marathon 93.1

ON Dubruiville CFNO-93.9, 500 h.v.; to relay/ ON Elliot Lake CBON-5 \*101.7, 1000 h.v., French, replacing AM with those calls "and perhaps CBON-6 Blind River" [replacing AM

ON Espanola CFNO-7 \*94.9, 870 h.v., French./ ON Wave CFNO-107.1, 5 h. (93.1 Marathon)

PQ Fermont 92.1, 25 h., CKAC Montreal relayer PQ Kangiqsuallujjaq (formerly Port-Nouveau and before that George River, 380 km NW Nain LB) 89.9, 1 h., e. English and Inuktitut \*102.1, 10 h., CBC Northern Service

PQ Lac Megantic new 410 h.v.; but must find a frequency other than the 101.7 it applied for. To rebroadcast new Thorford Mines station, also just granted, at 8300 h.v., which applied for 94.7, but must also find a new frequency

PQ Temiscaming (170 km S. Rouyn-Noranda) CKVT 92.1, 10 h., Replaces AM by those calls, which deletes; relays CKVR AM Ville Marie

NE South Sioux City 107.1 KIKD "FM" NV Pahump 107.5 KUDA (KLTV) NV Havenhill 101.3 WYKR-FM (AM is in Wells River VT)

NM Carlsbad 104.1 KCDY NM Farmington 95.7 KPCL NM Rio Rancho 101.7 KZIA "FM" (KZIA-FM; AM in Albuquerque gets new calls; rumor: KZIA may change to a music format and has been noted with stereo indication, but no separation, even on the rare music periods or commercials.)

NY Amsterdam 97.7 WKOL-FM (WMVQ), r (oldies), "Cool 97.7" NY Schenectady 99.5 WGY-FM (WGFN) NY Whitehall 94.1 WNYV NC Murphy 104.3 WCNG OH Loudonville 107.7 WLMA OH North Baltimore 107.7 WIZD OK Cordell 99.3 KRMK (KBGG) OK Taft 100.3 KTCP TX Bridgeport \*90.5 KBIT TX Clarksville 98.5 KCBZ TX La Grange 104.9 KBUK (KMUZ) TX Weatherford \*89.5 KYQX (KADE) TX Whitehouse 107.3 KISX (KEYP-FM) UT Ogden 97.9 KKGB (KZAN) VT Danville 95.7 WSNQ VT Lyndon 98.3 WGMT VA Cape Charles 96.1 WKSX (WIAV) VA Coeburn 97.9 WZDK VA Rocky Mount 99.9 WZBB

d-a; 150 m OH Van Wert WKSD 98.9, 150 m (50000 h.v.) PA Philadelphia WFPH-FM 105.9, 3000 h.v.; 66 m PA University Park WQWK 97.1 (from 96.7) 3000 h.v.; 123 m [h.v.; 135 m SC Bluffton WLOW 106.9 (from 107.1) 50000/ TX Amarillo KACV \*89.9, 1000 h.v.; 318 m TX Merkel KFKX-FM 102.7, 299 m (100000 h.v.) TX Palestine KYYK 98.3, 50000 h.v.; 150 m; C2 TX San Antonio KAJA 97.3, 100000 h.v.; 300 m TX South Padre Island (new) 95.3, 2500 h.v. (100 m)

VT Woodstock WMXR 93.9, 670 h.v.; 208 m VA Ferrum WFCC \*89.9 (from 88.1) [m VA Martinsville WMTA-FM 96.3, 13800 h.v.; 633/ VA South Hill WSHV 105.5, 3000 h.v.; 100 m, adds vertical

WA Longview K280BN 103.9 (replacing K232-AW 94.3), "now relaying KCMS 105.3 Edmonds" (from KPQQ-FM 93.7 Portland OR)

WI Janesville WJVL 99.9, 11000 h.v.; 153 m WY Gillette KOLL-FM 96.9, 139 m (100000 h.v.) BC Vancouver CTRR \*101.9, 390 h (103 m, d-a; [h.v. (51 m)

BC Victoria CFUV \*101.9 (from 105.1) 880/ NB Dalhousie-Campbellton (new) 100.7 (from 102.7), 14000 h.v.

ON Barrie CFJB 95.7, 107 m (50000 h.v.); "Rock 95 FM" comes in "better here than 93.1 CHAY at 100 km most of the time."

ON Orillia CBCO \*91.5 (from 105.9); power reduces to 1080 h.v.; transmitter to Hillsdale, affecting CBCM (see "Deletions" below).

ON Town Mississauga FM Atlas-11, p. 125.

ON Owen Sound CFOS-FM 106.5 (not 96.5), to be co-sited with CBCB 98.7.

PQ Chicoutimi CFIX 96.9, 44000 h.v.; sharing tower with CJB 94.5

PQ Longueuil CIEH 98.5, 41000; transmitter to Mt. Royal, Montreal

SO Benjamin Hill XXXHL is on 88.1

SD Guyumas XHQQA 103.9 (not 88.1).

FCC-FM

KY Lexington WRLF \*88.1 rj, \$ KY Louisville WRLS 90.3 r, "New Rock 102" ME Mexico WTBM 100.7 k not known if Stereo

MO Mechanicsville WQMR 98.3 m, Stereo MI Cadillac WKJF-FM 92.9 m, "92.9-KJF" MI Grand Rapids WEHB \*89.9 k (country). MI Owosso WQAP-FM 103.9 r, "Music-104" MO Cape Girardeau KEZS 102.9 k (from b) MO ST. Louis KDHH \*88.1 fj NE Norfolk KEXL 106.7 r NM Albuquerque KANW \*89.1 r, daytime talk KUNM \*90.1 jp, with student free-form returning weekdays 1-4 p. m. Station said to be moving eventually to 89.9, permitting KSFR \*90.7 Santa Fe to begin broadcasting. Earlier report that KSFR is on the air was incorrect; reporter heard K212AN \*90.3 Espanola.

NY Big Flats WNBR 97.7 r, b, stereo? NY Corning W8CA-FM 98.7 m, "Transtar 41," not known if Stereo

NY Rotterdam WNYJ 98.3 r, "Transtar oldies" NY Stillwater WSSV 101.3 m, add contemporary, air stereo; stereo?

NY Wethersfield WBMW 107.7 mj, "SMN Wave" NC Williamson WHITE 103.7 r, "dance/CHR" OH Dayton WWSN 107.7 r, "WSN" OH Defiance WDFM 98.1 r PA Carbonate WSDG-FM 94.3 r (oldies) PA Grove City WRKU 95.1 r RI Block Island WJLO 99.3 r, not m, Stereo SD Sioux Falls KKL5-FM 104.7 m TX Carrizo Springs KCZO 92.1 to be g TX Granbury KYOT 106.7 m, ID with Fort Worth TX Parker Heights KIKS 105.5 r TX Harris KQYN 93.9 k, \$, "Koy-94" TX Premont KQFM 104.9 to be g TX Tyler KRQZ 92.1, "Z-92.1" VA Tacoma KBSS 97.3 m, oldies "as far back as 1955 and up through the mid-'70s. We play the Beatles. We're not afraid to play Andy Williams. . ."

WV Lewisburg WKJC 105.5 k, \$, returning to the air [ "PMN Breeze" VI Charlotte Amalie WTBN 102.1 mj/

106.5 Not a "Legal Eagle"?

NY stations off during the summer, presumed back on: WBXL \*90.5 Baldwinsville, WHCL \*88.7 Clinton, WRCU \*90.1 Hamilton, WSCS \*89.5 Sodas

**Deletions**

CA Morgan Hill K257BL99.3 (replaced by booster)

OR Union K240AN 95.9, an unbuilt c-p WA Kennewick K204AA \*88.7 "due to excellent signal from KGTS with change in power" K265BR 100.9: "The Walla Walla 100.9 (KHSS) is good in Kennewick." KHSS in Stereo?

WA Yakima K285CJ 104.9 "application dismissed for c-p to replace expired permit"

ON Penetanguishene CBCM \*107.5, "to delete within three months."

**SCServices, 67, 92 kHz**

CO Gunnison KVLE 102.3 has two SCAs, at 67 and 92, with FM (easy listening) and one with classical [data], 92 kHz

GA Atlanta WVEE 103.3 t2 (high speed/ GA Rome WOTU 102.3 FM, 67, "non-Muzak," and "0-102 FM" nonID (from "0-2-FM")

NY Binghamton WAAJ 99.1 no SCA, had music 67, but "we're hoping to add an SCA" NY Endicott WDFM 105.7 FM, 67

ON Little Current CBCE \*97.5 t8, 67 kHz assumed, to relay CBC-French service to the new CBON-5 \*101.7 Elliot Lake ON Oshawa CKOT 94.9 no SCA, had music, 67

ON Toronto CIUT \*89.5 had been listed 67 ethnic, assumed 1E, 92

CBJL-FM \*94.1 no SCA, had program relay, 67

CIEJ 97.3 no SCS

CFNY 102.3 no SCA (had tX, 67)

PO Gaspe CJRG 93.3 t1 u, 67 assumed, telemetry

SWEDEN has a nationwide paging network at 57 kHz. By 1991 it may add a data channel. Not known if this would be at 67 kHz; 92 kHz unlikely because of the narrower FM channels in use in Europe

**FM Mistakes, FM Atlas-11, VUD**

NM Alamogordo reference to misspelling in FM Atlas (p. 66, 113) was itself misspelled.

NM KNMX 540 does not serve Albuquerque, "as on wrong side of Sandia Crest. Signal quite weak and subject to being dominated by local mixing products. . . Your eagerness to see AMs fail is unbefitting."

NC Wilmington WHSL 97.3 is 100000, not 1 million watts, p. 153 FMA-11

WI Wausau WDEZ 101.9 is 100000, not 1 million watts, p. 162, FMA-11

MO California KZMO-FM 94.3 with Tipton MO AM Happenings Most Likely Caused by FM (see this in FMedia!)

**Satellite Translator Abuse Applications (in FMedia!)**

**FM Rulemakings Proposed**

First date below is deadline for filing comments at FCC; second date is for replies. Stations affected, if any, are listed before the dates (selected only; more are in FMedia!)

CA Beaumont 101.7A, Dec. 27, Jan. 1

CA Big Bear Lake 94.1A for 101.7A, KTOT, Dec. 27, Jan. 1

CA Vacaville 95.3B for A, KUIIC, Dec. 12, 17

IA Ossian 95.1A, Mega Media, Ltd., Dec. 16, Jan. 3. FCC also noted that nobody filed for New Hampton 95.1A during its filing window, and that channel is still available

NE Blair 107.1A for 106.3A, KBWH (which wants to change channels so that it can relocate its tower to the southeast and better serve Omaha); or West Point NE 107.9C1 for A, KWPN-FM, Dec. 12, 27. [30

NE Winnebago 105.7C2 for A, KSUX, Dec. 15/ VA Woodstock 96.1B1 for 95.9A: WAZR proved to FCC that the allotment is feasible

**FM Rulemakings Finalized (selected)**

Dates are when FCC filing windows are open

AL Reform 101.7C2, WVRT

AR Augusta 97.7C2 for A, KABK

NM Texico 96.5C2, Dec. 23-Jan. 23

NY Bridgeport 99.5A, to be 3 km E to avoid a spacing problem to WOKW 99.9B Cortland NY, Dec. 13-Jan. 12

OK Broken Arrow 92.1C2 for A, KCMA, dismissing its previously request for 105.3C2

OK Okmulgee 94.1C2 for 94.3A, KOKL-FM

OK Stillwater 93.7C2 for 93.9C, KSPI-FM

TX Centerville 103.1A, Dec. 20-Jan. 19

TX Denison 104.9C2 for A, KMKT, site to be 21 km E to avoid spacing problems with KWNS 104.9A Winstboro TX and KZBX 104.9A McAlester OK

FCC Modifies FM Dupoly Rure

In a move to end up to commercial broadcasters, the FCC has virtually done away with the rule forbidding co-owned stations in the same geographical area. New rule allows two stations to be owned by the same party if their 3.16 mV/m contours don't overlap. Former rule was for the primary, 1.0 mV/m contour. "The new standard more accurately reflects stations' listenership." It also increased AM signal limits from 1 to 5 mV/m, so as to be closer in strength to FM's new limit. For example, two Class A stations need only be 26 km or 17 miles apart, while two Class B stations (50 km or 150 miles) need be 65 km or 40 1/2 miles apart.

**They're Not Translators, But Low Power FM Is Taking Off**

MHS Holdings Ltd. has proposed a new low-power FM travelers information service (FMTIS) to enable motorists to receive information about businesses at or near major interchanges. Proposal would also allow officials to insert weather and road hazard announcements. [Courtesy Benn Kobak's "Federal Communications TechNews." Subscribing information from PO Box 435, Falls Church VA 22046.]

It may not really be legal, but Philadelphia's Eagle 106.1, WEGX, has done it. A big sign on City Line Ave. at Conshohocken State Road proclaims "I'm a talking billboard - Tune to 106.5 FM right now! I'll tell you how to win \$5,000". Drivers have to tune fast to that spot to hear the 30-second spot before the message fades out about a block, or about 152 meters, later. 73, *Bruce*

Call Letters Assigned

AK Clover Passage 107.1 K296CA (from K296-AW) [AM has new calls]

AR Pine Bluff 94.9KZLR "FM" (KZLR-FM; CA Borrego Springs 94.3 K232CC (not K232D) CA Central Valley 99.3 KCIB (KRPG) CA Chester 98.9 KCMT (KCFM) CA Laguna Hills KOCM-1 103.1 (K276BH, changing from a translator to a 10-watt booster)

CA Los Angeles 92.3 KFAC "FM" (AM 1330 becomes KWKW, with Asian KAZN taking over KWKW's former 1300 spot) [CA] 105.1 KKGQ-FM (KKGQ; AM is in Hesperia/ CA Mount Bullion 99.9 KCIV (KAJB) CA Santa Cruz \*89.9 KFER (KWiS) FL Leesburg 106.7 WHLY (WCAT), "Y-106" FL Live Oak 98.1 WQHL-FM (WQHL) GA Elberton 92.1 WWRK-FM (WWRK) GA Valdosta 95.7 WQPW (WLGA) IL Oak Park 102.7 WVAZ (WVHD), "V-103," sr. "Equal mixture of current hits by black artists, recurrences and dusties (or oldies) along with a slight touch of jazz."

IL Quincy 103.9 WLZL

IN Mitchell 102.5 WOTS

IN Monticello 107.7 WMRS

IA Jefferson 98.9 KLSN

KS Goodland 102.5 KKCI (KBCC)

LA Jena 99.3 KJNA-FM (KJNA)

ME Kittyay 105.3 WYCD

MD Braddock Heights 103.9 WZYQ "FM" (WZYQ-FM; AM has new calls)

MA Fairhaven 107.1 WBSM-FM (AM is in New Bedford)

MI Bay City \*89.1 WBYF MI Cadillac 96.7 WWLZ (WEVZ), "WLZ-FM," r MI Glen Arbor 98.1 WMLB MN Cloquet \*100.9 WNSD "FM" (WKLK-FM); drops stereo, now t and news, MN Public Radio's News Source, goes noncommercial.

MN Faribault 95.9 KOCL (KOFN)

MN Thief River Falls 102.7 KMGC

MO Kirksville 107.9 KVCV

MO Lamar 99.3 KHST

MO Lexington 107.3 KCFM (KCAO)

MO Richmond 92.5 KAYX

MO St. Louis 103.3 KLOU (KHTR), "Clue-103," still r (oldies)

NE Crete 104.1 KKNB (KBVB) — off the air

Facilities Changes Granted

AL Chickasaw WDLT 98.3, 100 m (3000 h.v.) AL Dothan WVOB \*91.3, 100 h.v.; 44 m AL Mobile WKJS 94.9, 488 m (100000 h.v.) AZ Central Heights (from Little Acres) K292CI 105.3 has KQSS 98.3 Miami on it, not KRIM 104.3 Payson [BA \*90.1]

AZ Flagstaff K201BA \*88.1 (from K211-1)

AZ Punkin Center K240BD 95.9 has KQSS 98.3 Miami, not KMGN 93.9 Flagstaff

CA Anaheim KEZY-FM 95.9, 100 m (2400 h.v.) CA San Luis Obispo KCBX \*90.1, 451 m (4900)

FL Hialeah WQMD-FM 92.3, 31000 h.v.; 182 m GA Bainbridge WGIG 100.7, 36000 h.v.; 446 m HI Honolulu KIPA-FM 100.3, 50200 h.v.; 157 m ID Lewiston KOZE-FM 96.5, 96500 h.v.; 300 m IL Macomb WIUM \*91.3, 50000 h.v., directional (d-a; 143 m) [m (4000 h.v.)

IA Des Moines KDFR \*91.3, 136/ [91 m]

IA Ida Grove KIDA 92.9 (from 92.7) 50000 h.v./ IA Sioux City KSEZ 97.9, 196 m (100000 h.v.), transmitter 6 km W of Lawton IA

ME Skowhegan WHOO 107.9, 650 h.v.; 263 m MA Worcester WSR9 96.1, 15800 h.v.; 206 m MI Bad Axe WLEW-FM 102.1 (from 92.1)

MI Flint WFUM \*91.1, 15000 v., 13000 h (149 m, d-a; gets grant to go Stereo)

MI Sandusky WTCV 97.7, 99 m (3000 h.v.), "Stereo 97 FM"

MN St. Cloud KCLD-FM 104.7, 305 m (100000 h.v.)

MO Mountain View KXOZ 96.7, 1300 h.v.; 150 m MO Sparta KLTQ 96.5, 1600 h.v.; 136 m NH Berlin WMOU 103.7, 22000 h.v.; 1181 m, to r NH Millville WBSB-FM 97.3, 150 m (50000 h.v.)

NM Alamogordo KINN 105.3 (from 105.5) 6900 m, h.v.; 185 m, C2 [450 h.v.; 104 m

NY Boonville WBRV-FM 101.3 (from 101.5)/ NY New York WFUV \*90.7, 50000 h.v.; 66 m

Now CPB-qualified, adding morning folk show, moving classical to afternoons and rock after midnight; color it fc. "We are growing in many new directions (though the top of the World Trade Center is not one of them)."

Correct FMedia! Nov., p. 3, col. 3, parameters given there are for WKCR \*89.9, WFUV broadcasts "24 hours a day from our own tower located in Bronx."

NC Washington WBRE 98.3, 1350 h.v.; 149 m OH Cincinnati WAKW \*93.3, 50000 h., 49000 v.,

See also Dec. VUD For

MI Atlanta WAIR 92.5 m format and "92.5 W-Air" nonID; also known to have Stereo, Coniglio, p. 36

MI Marquette W288AH 105.5 off the air, James, p. 3

VA Spotsylvania WYND-FM 99.3 "The Wind" nonID, Sprachman, p. 45, but need to know if it has Stereo

ON St. Thomas CHLO looking for an FM frequency to replace 1570 AM, Gravelle, p. 29

Stereo—or to be Stereo

AK Anchorage KLEF 98.1, c

IL Galva WZUU 102.5, to be r.

OH Lancaster WFCF \*90.9

VA Mount Jackson WSGI

**Format Changes**

Formats are the same as in the "FM Atlas"

AL Columbia WKUL 92.1 k, "K-92"

AK Kodiak KMXT \*100.1 fc

CA Oakhurst KAAT 107.1 mj, "PMN Breeze"

CA Pebble Beach KSPB \*91.9 r, back after fire

CA Santa Rosa KXFX 101.7 r, "The Fox"

CO Castle Rock KADK 92.1 p, "SMN Z-Rock," not known if station will resume stereo

GA Atlanta WSB-FM 98.5 m, still "B-98.5 FM"

WAPW 99.7 back to r (from sr), still "Power-99"

HI Honolulu KIOV 105.1 m, "soft AC"

IN Corydon WJDW-FM 96.5 bj for now, but "still trying to decide their format"

IA Brooklyn KSKB 99.3 g, not known if stereo

IA Dubuque KATF 92.9 r

IA Emmetsburg KEWB 98.3 km

IA Pella KTAV 92.1 gb, still mono

IA Spencer KJJC 104.9 r

On Air (Selected)

CA Cambria KOTR 94.9, formerly 94.3. "Claims 25000 watts, but still poor here—must have a d-a because of Tulare 94.9."

CA Chico KHAP \*88.1, \$, Family Stations.

CA Fort Bragg KSAY 97.7 with "soft hits" and no hint of stereo

CA Quincy KQNC 101.9, "after an apparently prolonged absence"; was KNXN.

FL Safety Harbor WXCR 92.5, having moved from 92.1, now with 50 kw, transmitter Seminole FL, c, from compact discs

NH Milford (Manchester) W208AG \*89.5

VA Richmond WCVF-FM temporarily on \*101.1. To go to 88.9 "in about a year's time. I was surprised when the Richmond station came on that frequency, as it blocks out DC-101 on our area, some 105 km SE of Washington."

**Off Air or Not Yet On**

AK Anchorage KYGL 98.9

CA Greenfield KRUR 99.5

CA King City KSCC-FM 102.1

CA Philo KZYX \*90.7, "hoping to be on by 1-89, but is bogged down by bad weather and bureaucratic red tape"

CA San Martin K201BE \*88.1. "It may never be built, as K207AR Santa Cruz is solid there."

FL Miami WDNA \*88.9 for over a month, claiming transmitter difficulties; expected to be back on by now. "I wouldn't be surprised if someone tries to grab that frequency."

IN Columbia City-Fort Wayne WZRO 106.3

IN Danville WSYW 107.1

IA Derryville KXIX 99.3, but Frank Weeks, Prairie du Chien WI, has applied to buy KXIX.

NonIDs, Not Just Slogans

AL Atmore-Mobile WGXC 104.1 Gulf Coasts' New Home of Rock and Roll, r (classic rock).

CA Carmel Bay KODS 103.7 Oldies-103, with Reno NV [blacks out "Lite 104"]

IN Music WLBFC-FM 104.1 FM-104 (not strict)/ ME York Center WQMI-FM 95.3 Oldies-95

MI Detroit WMUZ 103.5 103 Praise FM (having trounced "Overcomers Radio")

WOMC 104.3 Great Oldies and More

MI Rogers City WMLQ 97.7 Mellow Q

NM Albuquerque KHFM 96.3 Classical 96

OH Van Wert WKSD 98.9 Kiss-99

OR Portland KUPL-FM 98.5 Couple

WA Moses Lake KDRM 99.3 Basin Radio (awakens from "Dream")

WA Pasco KEYW 98.3 Q-98 (throwing away "Key-98"). Correct FM Mistake, FM Atlas-11, p. 81 map, calls not "KTWC"

WA Wenatchee KSSY 104.9 Classy 105

ON Kitchener CFCA 105.3 Stereo 105.3

Multi-City IDs

AR Pine Bluff KIPR 92.3 with Little Rock Baton Rouge

LA Laplace-New Orleans WCKW-FM 92.3 adds Baton Rouge



# PHOTO NEWS

JANUARY 1989

**Mailing Address:**

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

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

EDITED BY  
David J. Nieman

It's a new year already and the start of a new DX season. Our first reporter is Greg Coniglio - Williamsville, New York.



WLBT-3  
Jackson, MS  
978 mile E-skip  
seen June 26, 1988



KATC-3  
Lafayette, LA  
1168 mile E-skip  
seen June 26, 1988



WJW-8  
Cleveland, OH  
189 mile tropo  
seen June 27, 1988

# PHOTO NEWS

JANUARY 1989 PAGE 2

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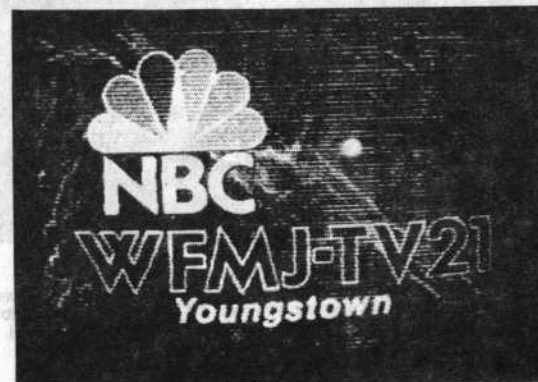
Greg's foto file continues with more skip and tropo catches from 1988.....



KTBS-3  
Shreveport, LA  
1090 mile E-skip  
seen June 28, 1988



WNNY-7  
Carthage, NY  
163 mile tropo  
seen June 28, 1988  
"note fake ID"



WFMJ-21  
Youngstown, OH  
163 mile tropo  
seen July 18, 1988

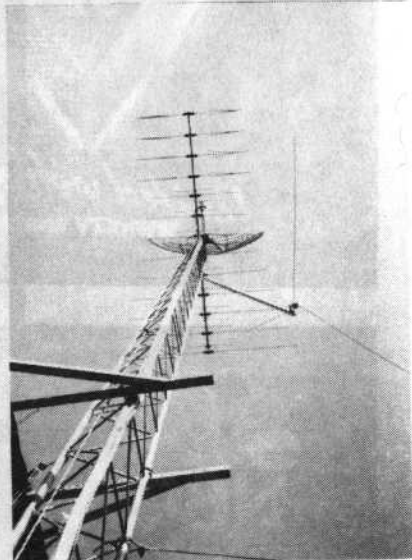
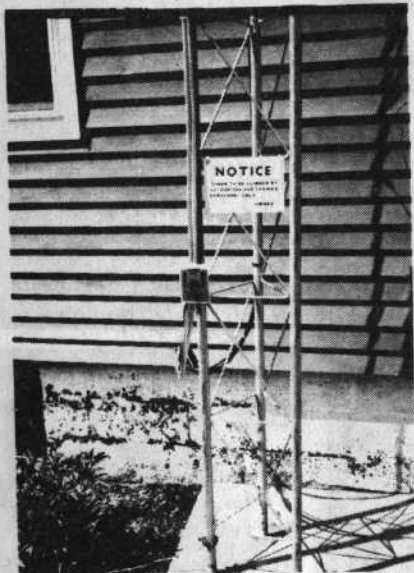
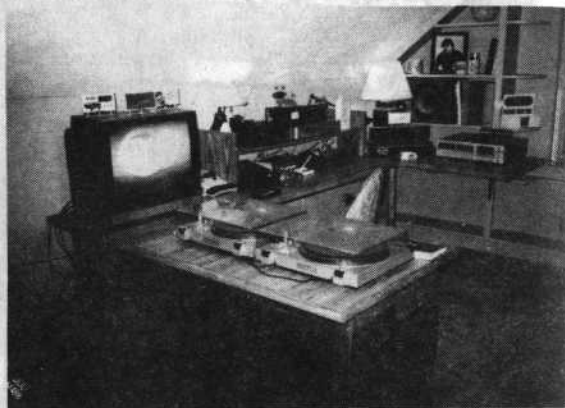
# PHOTO NEWS

JANUARY 1989 PAGE 3

Our next reporter is Bill Kretschmer - North Syracuse, New York; host of the 1989 WORLDWIDE TV-FM DX ASSOCIATION convention. Bill sent in some shack and equipment fotos that were taken in July 1988. Bill was in western New York December 10 and stopped to visit. He said he has added some new equipment to the following impressive list: starting off with a Sylvania model RKE-192 MIS stereo/SAP TV (that's UHF -31 Rochester, New York on screen). Next is a Sony ST-J60 FM stereo tuner, a Tennelec 16 channel and a Sony AIR-8 scanners. Bill is using a Hv-Gain "Tail-twister rotor for his VHF/UHF antennas, and a Channel Master automatic rotor model 9510 for FM & VHF yagi.

Bill not only DXes in this fine looking shack; he broadcasts a 100 Mw signal (legally) at 1610 kHz AM with KXAM calls.

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EDITED BY:  
David J. Nisaman



Outside we go for a look at Bill's newly installed Rohn #25G 34 foot tower. Looking up the tower you can see Bill's Channel Master model 4251 7 foot UHF dish at 45 feet. A Channel Master 30db gain UHF amplifier is used with a Microwave Filter Company 13db (adjustable) UHF trap for local channel 24. For VHF he has a CM 3610B Crossfire at 35 feet. His scanners are fed by a Radio Shack VHF/AIR/UHF base antenna at 30 feet.

# PHOTO NEWS

JANUARY 1989 PAGE 4

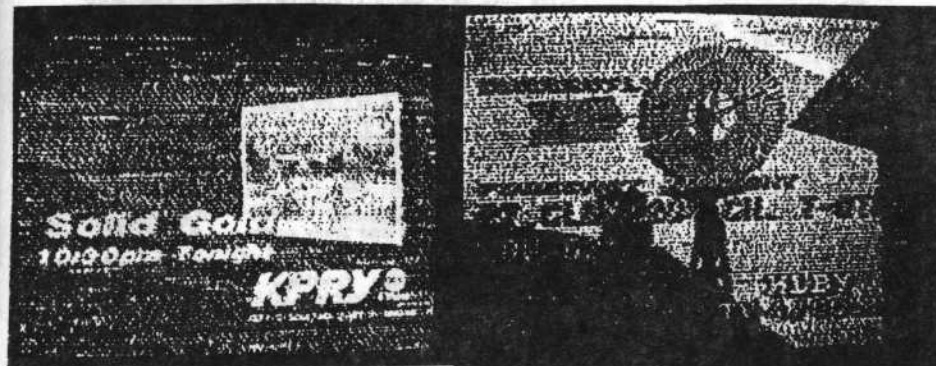
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David J. Nisaman

On the house Bill has his CM Stereo Probe 9 FM at 30 feet and a "homebrew" VHF yagi at 35 feet. On the chimney is a remote weather station at 29 feet. Half inch hardline leadin is used on the tower mounted TV antennas. Belden coax used on FM and VHF yagi.

Thanks for the great looking DX shack and antenna fotos. I'm looking forward to seeing them in person. How if anyone out their has there our shack and antenna fotos now's the time to send um in.



Joel Rosenberg - Thornhill, Ontario is our newest reporter. We start off his foto file with a couple skip catches from the summer of 88.



KPRV-4  
Pierre, SD  
1035 mile E-skip  
seen June 25, 1988  
at 2000 E Time

KLBY-4  
Colby, KS  
1150 mile E-skip  
seen June 26, 1988  
at 2330 E Time

more from Joel in February

DAVE



# EASTERN TV-DX



EDITED BY: JOHN F. COMBS (N4SKS)

1308 WILLOW BRANCH #24, JACKSONVILLE FL 32205

PHONE: (904) 389-2451

PBB8 ADDRESS: WD481W

### THIS MONTH:

- Howington Nabs Oklahoma UHF!
- Ye Editor Has a Dandy DXpedition!
- Surprise!! November E-skip!

REPORTS FROM TV-DXers IN AL, CT, DC, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT, WV, Quebec, Ontario, the Maritimes, & the Carribean

### JANUARY 1989

### HAPPY NEW YEAR!

### JANUARY 1989

Florida DXers experienced some incredible tropo conditions in November. Carlton Howington, who sends along his first report since I took over this column (thanks, Carlton!) reports excellent tropo conditions on November 1/2 (to LA, TX and OK) and on November 7 (to south TX and northern Mexico). In each case, distances approached and sometimes exceeded 1000 miles. Meanwhile, this editor had lots of DX to contend with on a camping trip to the Florida panhandle. But perhaps the most interesting DX of November 1988 consisted of some totally unexpected E-skip openings! A sign of a good winter season to come?

We start off with some of that good ol' Gulf tropo from Carlton Howington...

Carlton Howington, 2822 42nd Ave. N., St. Petersburg FL 33714

NOVEMBER 1988	NOVEMBER 1988	NOVEMBER 1988
1 Tr 1900 WMAA-29 MS 550	1 Tr 2305 KLTN-18 LA 645	2 Tr 0600 KXLN-45 TX 785
1900 KARD-14 LA weak	2305 KLPB-24 LA 605	0600 KDTX-58 TX 910
2122 unID-52 TX?	2305 KLPA-25 LA 645	0600 KLRT-16 AR 750
PSA for North Dallas High School	2339 unID-23 Spanish	0600 KMSS-33 LA 745
2126 KDTX-58 TX 910	0008 KAUT-43 snow-free!	0600 WLBH-30 MS 470
2133 KXTX-39 TX 910	0008 unID-64 TBN	3 Tr 0550 WDBD-40 MS 545
2140 WMAU-17 MS 540	0010 WAPT-16 MS 545	0621 WAAY-31 AL 525
2206 KAUT-43 OK 1015	0045 KETK-56 TX 805	0625 WAFP-48 AL 525
in/out for 2 hours	0045 KNCT-46 TX 920	7 Tr 2000 KMBH-60 TX 935
2216 KDFI-27 TX 910	0100 unID-17 700 Club	2100 KVEO-23 TX 935
2216 KTXA-21 TX 910	0108 KTVI-11 TX 910	
2233 KGMG-43 OK 1015	0108 KLMG-51 TX 790	
2233 KHSX-49 TX 910	0130 unID-19 Tempo	
2300 KXXV-25 TX 905	0136 KJTL-18 TX 1040	
2300 WYLA-33 LA 545	0144 WBRZ-2 LA 540	
2300 KXAN-36 TX 925	0153 unID-17 TBN	
2300 KBVO-42 TX 925	0200 To bed!!	
2300 KADN-15 LA 600	0545 KITU-34 TX 695	
2300 KARD-14 LA 635	0545 KLAX-31 TX 735	
(above 2 snow-free a/n)	0600 KDAF-33 TX 910	



(INCREDIBLE stuff, Carlton! Thanks for sending a report...hope there'll be more to come---jfc)

Bill Kretschmer, 104 Kopp Avenue, North Syracuse NY

OCTOBER 1988	OCTOBER 1988	OCTOBER 1988
2 Tr 0942 WLVI-56 MA 256	2 Tr 1014 WNEV-7 MA 256	4 Tr 1404 WLVI-56 MA 256
0947 WSBK-38 MA 256	1028 WNAC-64 (MA) 261	1430 WSBK-36 RI 255
0959 WWSH-66 MA 241	1030 WSBE-36 RI 255	1432 WWSH-66 MA 241
1007 WHLL-27 MA 231	4 Tr 1400 WSBK-38 MA 256	5 Tr 1700-2000 Boston U's
1011 WGBX-44 MA 255	1400 WGBX-44 MA 255	38, 44, 56, 66

Not much tropo to report this month due to below normal weather conditions. Es active below 45 mHz with many pager and 2-way comms loggings. I'm waiting for the December Es...hope to catch something! On August 4-6, 1989, I'll be hosting the WFDCA convention and plan to make it the best yet with tours, food, flea market, tech talks, sticker trading, DX, etc. More on the convention in later issues. (Congrats on getting the convention, Bill. I'm sure you'll do a good job. Put in your order for DX now, hi!--jfc)

Bob Timmerman, 1210 Desoto Ct., Auburn IN 46706

SEPTEMBER 1988	NOVEMBER 1988	NOVEMBER 1988
22 Tr 0205 WJHL-11 TN 375	11 Es 2300 WRAL-5 NC 527	12 Es 0029 WJXT-4 FL 790
0212 WBLR-10 TN 374	2302 WWAY-3 NC 524	0031 WESH-2 FL 883
0215 CIII27-27 ON	2303 WPMY-2 NC 472	
0230 WLJK-11 WI 258	2307 WCBQ-2 SC 652	
0300 WLJY-46 WI 286	2347 WSB-2 GA 526	



1988 has been lousy for tropo at this QTH. Where is CIII27? (Peterborough---jfc) The November skip was a surprise. ("Surprise" is too mild a word, Bob...I was shocked! You know, this is the second time I've seen you report Es with unusually short distances, on the order of 400-900 miles. Usually that's a sign of a very high MUF, but maybe there's something else that could account for it? A debate for propagation experts, hi. I wish I could get some short Es and fill in a lot of "gaps" on lo-band!--jfc)

### EASTERN TV-DX

Matt Sittel, POB 21441, Raleigh NC 27607

OCTOBER 1988	NOVEMBER 1988	NOVEMBER 1988
27 Tr 0701 WTAT-24 SC 200	4 Tr 0635 unID-61//WEFC-38	11 Es 2308 WISC-3 WI 767
	(see notes)	2312 KLMT-3 IA 835
1 Tr 2300 WTAT-24 SC 200	9 Tr 0117 WEJC-20 NC 68	2320 KGAN-2 IA 841
2 Tr 0655 WTAT-24 SC 200	10 Tr 0658 WTAT-24 SC 200	2359 KMTV-3 NE 1012
4 Tr 0540 WSET-13 VA 124	Es 0929 WESH-2 FL 491	12 Es 0002 unID-4 NBC
0555 WSL5-10 VA 132	0948 unID-4 NBC	13 Tr 2359 WTVZ-33 VA 142
0556 WDBJ-7 VA 132	0959 KPRC-2 TX 1063	14 Tr 0714 WDCA-20 (MD) 241
0631 WVFT-27 VA 132	0959 KIII-3 TX 1238	

Hi! DX here in Raleigh in a dorm is still proving to be interesting. I can only imagine what the DX would be like if the antennas were outside. But they're right up next to the window, so I'm making do. The window faces west, but it seems that south is the best direction. WTAT-24 is a popular visitor in the early mornings. The E-skip was a treat! Anybody want a call if I'm seeing their locals by tropo? I'd be glad to, if you'll do the same! Anyone know of a 47 running religious shows? Or a 61? I saw a Turner logo on 47 then a religious program from Edenton NC. (I would guess 61 to be WLXI-61 Greensboro and the 47 to be W47AG Rocky Mount---jfc)



Greg Coniglio, 5100 Glenwood Drive, Williamsville NY 14221

SEPTEMBER 1988	NOVEMBER 1988	NOVEMBER 1988
27 Tr 0000 WSMH-66 MI 271	12 Es 0106 WBRZ-2 LA 1113	19 Es 1930 KDLO-3 SD 943
0010 CBLN2-45 ON 148	(under local WGRZ)	25 Tr 0800 Detroit U's 236
	0116 KATC-3 LA 1168	0805 CBLN3-64 ON
NOVEMBER 1988		(Thanksgiving tropo!)
12 Es 0000 KFDM-6 TX 1222	19 Es 1925 KXJB-4 ND 994	
0030 KTBS-3 LA 1090	(under local WTVB)	

EQUIPMENT: Emerson ECR137 TV, Jerrold 10-element VHF at 25' AG, 4-bay UHF at 28' AG w/CM 0071C 20db preamp, CM rotor.

While September was a great DX month, October was horrible! However, there were two surprise skip openings in November. I missed most of the 11/19 opening, but heard it was pretty good. W8BAV Buffalo on w/pmg 11/23. Sked is 0900-2330, 7 days. Power is 2 kw; they are weak here at only 12 miles. 73s and Happy Holidays, Greg.

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

SEPTEMBER 1988	OCTOBER 1988	OCTOBER 1988
27 Tr 1900 WPCQ-36 NC 332	1 Tr 0136 WVFT-27 VA 226	15 Tr 0717 WLIG-55 NY 253
1900 WJZY-46 NC 339	0700 WRLK-35 SC 409	0757 Raleigh 22, 28 248
1930 WYED-17 NC 248	0717 NC 17, 28, 40; OH 33T	almost local quality
1937 WXII-12 NC 273	0730 WPCQ-36 NC 332	0930 WKFT-40 NC 265
1937 WNRW-45 NC 273	0735 WLFL-22 ? NC T	Ditto...
2202 WKFT-40 NC 265	0900 WJZY-46 NC 339	0930 WUNK-25, NC 244
2337 WRDQ-16 NC 251	1302 WPMY-2 ? NC T	16 Tr 0555 NC 16, 17, 22, 28, 40, 47T
28 Tr 0015 WPTF-28 NC 248	1338 WPCQ-36 ? NC T	0657 WRLK-35 ? SC T
0030 unID-42 PBS s/off	1828 WKFT-40 NC 265	0657 WUNK-25 NC 244
(Not WTVI?---jfc)	2 Tr 0730 NC 17, 40	0822 WYED-17 NC 248
0129 WVFT-27 VA 226	3 Tr 0630 NC 17, 40	0842 NC 28, 45
0147 WVIT-30 CT 283	15 Tr 0603 WRDQ-16 NC 251	0956 Charlotte 36, 46
0147 WHCT-18 CT 283	0603 WYED-17 NC 248	1044 WVIT-30 CT 283
0209 WTBV-54 ? NY T	0603 WPDE-15 SC 349	2230 RI 36T, MA 68T
0730 W47AG NC 218	0603 WGSE-43 ? SC T	2240 WBSK-38 MA 371
30 Tr 0015 WKFT-40 NC 265	0707 WITN-7 ? NC T	2240 WLVI-56 ? MA T
1900 WNRW-45 NC 273	0707 WTVI-11 NC 246	2340 CT 43T, 61T, MA 66T
		2348 WGBB-40 MA 314
		17 Tr 0033 WTVB-54 ? NY T
		0100 WHCT-18 CT 287
		0100 WHLL-27 ? MA T
		0137 unID-60 WGO? T
		0201 WYED-17 NC 248
		0555 NC 17, 28
		0610 WVIT-30 CT 283

## Who would turn down a deal like this?

or DISTANCE privileges still only \$7! Send coordinates to this editor.

Fred Nordquist, 7945 Boxford Road, Clay NY 13041

SEPTEMBER 1988	SEPTEMBER 1988	SEPTEMBER 1988
28 Tr 0029 WKDY-56 KY 592	28 Tr 0103 WKYT-27 KY 562	28 Tr 0157 WLKY-32 (IN) 605
0031 WSPJ-51 OH 386	0112 WCOM-68 OH 360	0215 WTTT-28 OH 417
0032 WCET-48 OH 517	0116 WBNX-55 OH 316	
0037 WKIX-19 OH 517	0140 WKBS-47 PA 216	
0056 WPO-42 OH 469	0155 WDCA-20 (MD) 296	

Totals now up to 311. The 9/28 Tr DX kept me awake! 73, Fred.

Charles Burnham (K2GLP), 51 Ontario Ave., Massapequa NY

SEPTEMBER 1988	OCTOBER 1988	NOVEMBER 1988
27 Tr 2330 WMPY-22 MD 262*	2 Tr 0650 WGME-13 ME 221*	15 Tr 2100 WNVG-56 VA 295
		2145 WTKK-66 VA 243

It was great to run into the VUD. Up until now, I thought I was the only nut that sits watching snowstorms and funny lines at 5 AM! My XYL thinks I'm not rowing with both oars in the water, but my dog somehow tolerates me. (Man's best friend---jfc) I've been TV-DXing on/off from L.I. since 1952. DX here is quite limited due to the nearby NY stns, and most DXing is done early mornings or late nights as the WABC-TV eng. maint. dept. takes most of my time! VHF antenna is a CM 22-el. fed with 300-ohm open-line at 45' AG, and for UHF have been experimenting w/wide-band vagis (w/GASPET preamps) at 65' on top of ham tower. Anyone need WABC-7 QSLed? Glad to help out!



EASTERN TV-DX				JANUARY 1989			
John F. Combs (W4SFS) 1308 Willow Branch #24, Jacksonville FL 32205 (904) 399-2451							
NOVEMBER 1988				NOVEMBER 1988			
2 Tr	0945	WTVT-23	FL 313	3 Tr	0108	WMBR-13	FL 208
	0945	WBFS-33	FL 312		0110	WATL-36	GA 286
	0945	WDZL-39	FL 312		0112	WJHG-7	FL 221
	0945	WHFT-45	FL 311		0112	WDAM-7	? MS T
	0945	WXEL-42	FL 272		0135	WTOK-11	MS 434
	0945	WFLX-29	FL 272		0137	WHIT-22	MS 452
	0945	WYHS-69	FL 290*		0140	WKAB-32	AL 304
	0948	WPLG-10	FL 312		0142	WDBB-17	AL 399
	2315	WTAT-24	SC 216		0142	unID-23	TBN (see note)
					0143	WBMG-42	AL 370
					0149	WTTD-21	AL 370
3 Tr	0001	WPGX-28	FL 223		0149	WXV-25	MS 437
	0004	WALA-10	AL 363		0155	WCFT-33	AL 392
	0028	Columbus	38, 54		0156	WTZH-24	MS 434
	0033	WPXI-15	AL 354		0158	unID-22	TBN
	0036	W69AX	FL 110*		0201	unID-16	religious
		Perry	(LPTV)		0203	WAKA-8	AL 325
	0059	WLBW-30	MS 434				

NOTE: Carlon Howington says there is a ch. 23 TBN LPTV in Albany GA. I am attempting to get a current LPTV list from TBN, and will not log this until I'm sure there is no other reasonable possibility. Really nice stuff from MS on the 3rd! I first noticed MS when my local WAMS-30 s/off and left a reasonably good signal from WLBW-30 (89.1 kw ERP).

---From ST. JOSEPH PENINSULA STATE PARK FL (Near Port St. Joe--lat. 29.733, long. 85.4)---

NOVEMBER 1988				NOVEMBER 1988			
7 Tr	1900	WXXV-25	MS 229	9 Tr	0432	WINK-11	FL 299
	1900	WMAH-19	MS 222		0432	Jax 12, 17, 47	232
	1900	WHIT-22	MS 255		0439	WBBH-20	FL 298
	1953	WXFL-8	FL 230		0439	WOFL-35	FL 271
	2100	WNOL-38	LA 272		0439	WBFS-43	FL 287
	2107	WXXV-26	? LA T		0441	WXXV-25	MS 229
8 Tr	0320	WTOG-44	FL 230		0442	WTGL-52	FL 287
	0320	WFTS-28	FL 230		0442	WACX-55	FL 251
	0320	WTVT-13	FL 232		0509	WNOL-38	LA 272
	0321	WBMG-42	AL 271		0511	WESH-2	FL 251
	0322	WTMY-32	FL 246		0529	W29AB	FL 195
	0324	WOFL-35	FL 271		0547	KATC-3	LA 417
	0329	WBHS-50	FL 230		0555	WAYQ-26	FL 270*
	0329	WFTV-9	FL 270		0559	WLOX-13	MS 230
	0350	WAYQ-26	FL 270*		0601	WJCT-7	TX 605
	0640	WTBS-17	GA 285		0611	WMFE-24	FL 270
	0640	WMFE-24	FL 270		0627	WJXT-4	FL 232
	0646	WSB-2	GA 284		0701	WMAH-19	MS 222
	0648	WATL-36	GA 288		0702	WEDU-3	FL 230
	0648	WGNX-46	GA 288		0711	WFTX-36	FL 298
	0651	WBFS-43	? FL T		0711	WGNQ-26	LA 272
	0651	WTGL-52	? FL T		0714	WHIT-22	MS 255
	0701	WXIA-11	GA 284		0815	WVLA-33	LA 353
	0704	WVEU-69	GA 284		0817	W59BC	FL 232
	0718	WGXA-24	GA 255			Jacksonville (WCLF-22)	
	0718	WJSP-28	GA 219		0819	WLPB-27	LA 349
	0721	WMGT-41	GA 235		0851	WTVX-34	FL 353
	0749	WUSF-16	FL 230		0851	WTVI-42	NC 463
	0750	WNET-17	FL 232			(See note #2)	
	0751	WTLV-12	FL 232		0852	W69AY	FL 180*
	0752	WXGA-8	GA 197		0900-1900	Tampa, Biloxi/	
	0752	WJCT-7	FL 231			Gulfport, WNOL-38 in	
	0752	WESH-2	FL 251			all day long...	
	0752	WJKS-17	FL 232				
	0754	WCES-20	GA 304				
	0800	WCTV-8	GA 290				
Ms	0926	KSNC-2	KS 969				
		(See note #1)					
Tr	0929	WTVX-34	FL 353		1914	WFTX-36	FL 298
	0929	WAMS-30	FL 231		1914	WITQ-41	AL 233
	0929	WAGT-26	(SC) 329		1956	W49AI	FL 182
	0930	WBSP-43	FL 287			Inglis/Town (WOFL-35)	
	0930	WTGL-52	FL 287		2047	WCFT-33	AL 267
	0930	WACX-35	FL 251		2048	WBMG-42	AL 271
	0930	WAYK-56	FL 312		2048	WCAJ-68	AL 270
	0932	WCPX-6	FL 270		2048	WTTD-21	AL 271
	0932	WTOG-11	GA 288		2143	WTIQ-10	AL 271
	0935	WEDU-3	FL 230		2145	WSWS-66	? AL T
	0936	WWSB-40	FL 237		2234	WBRC-6	AL 271
	0959	WFTX-36	FL 298		2331	WTOG-11	MS 264
	1000	WSPF-30	FL 298		2358	WTZH-24	MS 264
	1010	WFTV-9	FL 270		0400	WBRZ-7	LA 348
	1010	WINK-11	FL 299		0400	WDSU-6	? LA T
	1000-1800	Tampa-St. Pete				(Above two w/HSC)	
		in all day long...			0403	WNPT-47	FL 232
		1823-2337 Many of same			0406	unID-24	HSC
		as AM: Biloxi/Gulfport,			0413	KLFY-10	LA 418
		Jax, Orlando, Tampa,			0418	unID-60	TBN
		etc. plus:			0424	unID-23	TBN
					0425	WGNQ-26	LA 272
	2002	W29AB	FL 195				

EASTERN TV-DX				JANUARY 1989			
				Combs (continued)			
NOVEMBER 1988				NOVEMBER 1988			
12 Tr	0611	WLTN-19	SC 405	17 Tr	0624	WVAN-9	GA 279
	0613	WBFS-43	FL 287		0626	WITV-7	SC 401
	0613	WTGL-52	FL 287		0632	WATL-36	GA 288
	0613	Tampa U's	230		0651	WCBBD-2	SC 402
	0616	WTAT-24	SC 401		0730	WCFT-33	AL 267
	0617	WCPX-6	FL 270		0730	WDBB-17	AL 284
	0617	WVTM-13	AL 272		0734	WAMS-30	FL 231
	0619	WTO-21	AL 271		0748	WBMG-42	AL 271
	0622	WSAV-3	GA 291		0748	WGNX-46	GA 288

EQUIPMENT USED: 4-bay UHF antenna @ 18' AG, small VHF/UHF "motor home" type antenna @ 15' AG, both turned by "Arm-strong" rotor, Sears 9" B/W TV.

NOTES:  
 (1) Many Ms bursts noted at all times of day over WDIQ-2 and WEAR-3. This was a nearly 30-second long multi-burst of local wx "here in Wichita."  
 (2) Very strange! Expected this to be WXEL-42 with WTVX-34 in, but caught definite WTVI pgm promos and ID!! No sign of other Charlotte-area U's at all! The troposphere can do some strange and wonderful things!  
 (3) "Serving Sarasota and Manatee Counties, TV-24, your community station." Wow.  
 (4) Odd the way more easterly stuff like WLTX-19, WHNS-21, and WJCL-22 would sneak in the back door, with the dominant conditions to the west!  
 (5) How 'bout that? TX by Tr and Es on the same morning! (OK, OK, I know...Houston's in extreme eastern TX and Amarillo's 400 miles N.W., but still a neat feat!)  
 (6) ID had long list of xltvs w/announcement "if you receive channel 4 from a translator, please support it!" Through donations or what?  
 (7) I seem to have uncanny luck when it comes to logging KNOP-2. The one time I saw them in Jax, I had just gotten up from a nap, turned on the TV (which conveniently was on ch. 2) and saw their ID clear as day. This time, I had just finished watching "Cheers" on WJHG-7, absent-mindedly flipped the channels, and once again stumbled right onto a clear KNOP ID!!

WOW!!! That 3-letter word best describes this trip! Never have I seen so much DX in such a short period of time. This will go down in history as my most successful DXpedition ever! Some stats: 70 stations logged in the first 19 hours, 149 total stations logged in 7 days time, and 86.5% of the stations within 300 miles logged! The tropo was nice enough...the totally unexpected E-skip was the icing on the cake! I probably logged more stns by Es on the 10th than I have in all the Novembers I've Dxed! I hope to return to this spot in the future, but it's bound to be a letdown. I mean, I don't think I could ever top this week!!

NOVEMBER 1988				NOVEMBER 1988			
15 Es	1920	unIDs-2, 3		16 Tr	0200	Atlanta 17, 36, 69	
		1930 Had to leave...				(see note)	
16 Tr	0200	WLTN-19	SC 267		0207	WACH-57	SC 266
	0200	WOLO-25	SC 262		0230	WMAZ-13	GA 201
	0200	WLTZ-38	GA 239	17 Tr	2313	Macon U's	GA 201
	0200	W67BJ	GA 120*		2358	WLTZ-38	GA 239

NOTE: Atlanta's WATL-36 and WVEU-69 noted running HSC simultaneously, but two different programs! Both had Home Shopping Club "IDs" so I'm not confusing two shopping nets. This is getting a bit ridiculous...

EQUIPMENT: Archer V-110 and 4-bay UHF at about 30' AG on building roof, turned by Archer rotor; Winegard AC-4990 preamp for UHF, traps for channel 4 and nearby FMs; Sears SR1000 9" B/W TV used as primary DX receiver; Brooksonic CIRT-2097 2" B/W multi-standard TV and Radio Shack mobile TV antenna used to keep track of DX "on the go." (The Brooksonic will also be pressed into service in the event of any European F2 skip that may be forthcoming!)

NOVEMBER 1988				NOVEMBER 1988			
24 Tr	0000	WETO-39	TN 350	24 Tr	0244	WPMI-15	AL 725
	0110	WAFP-48	AL 440		0249	WDBB-17	AL 550
	0114	WZTV-17	TN 340		0311	WTTD-21	AL 515
	0142	WCAY-30	TN 340		0829	WTJP-60	AL 510

Found only one good opening in November, but that produced some of the best tropo of the year. WPMI-15 is my best TV tropo distance ever. It will be interesting to see how many other DXers were in on this opening. 73's, Bob (ED). NOTE: I would have mentioned this fine tropo opening in the column's opening comments, but I had already finished the publication copy of the first page when this report arrived--jfc)

SEPTEMBER 1988				NOVEMBER 1988			
25 Tr	2220	CIC038-38	ON 209	11 Es	2059	WCIV-4	SC 967
	2224	WXXI-21	NY 261		2059	WJXT-4	FL 1166
	2224	WUHF-31	NY 261			FMs up to 98.9 mHz	
	2238	WNEQ-23	NY 323		2319	WTVY-4	(FL)1227
	2238	CBFT14-32	ON 173		2350	unIDs 2-6	
	2320	WROC-8	NY 261	15 Es	1930	unID-3	

November skip? In Quebec?? It seems nothing is impossible! 4 days of strong E-skip with one new station. Much F2 noted on 10 meters and up to 36 mHz once. Soixante-treize! (73)



Jeff Wolf II: The Sequel (see address in his previous report in this month's column)

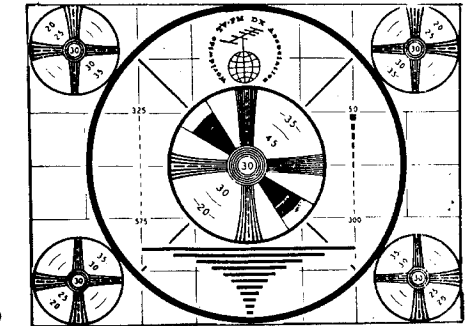
Table with columns for NOVEMBER 1988 and stations like WKFT-40, WRDG-16, WUAB-43, etc.

Morris Sorenson, General Delivery, Port Carling ON POB 1JO
NOVEMBER 1988 NOVEMBER 1988 EQUIPMENT: RCA CJR-120W B/W portable TV, Archer Color Supreme V indoor amplified antenna.

Dave Nieman, POB 155, Clarence NY 14031-0155 (DX from: lat. 42/58/30, long. 78/31/30)
NOVEMBER 1988 NOVEMBER 1988 NOVEMBER 1988

The skip on November 19 was seen using our new Teknika 26" monitor/rcvr with MTS/SAP. Antenna was a CM 1113 Quantum with a 0096C cartridge amp, RG-11 lead-in. I would have used the equipment in the DX shack, but my foot throbbled so bad from a sprained ankle that I couldn't sit without elevating it.

Michael Wimer, 14508 Darbydale Ave. Woodbridge VA 22193
OCTOBER 1988 OCTOBER 1988 OCTOBER 1988



I have finally installed the antennas and preamp on my tower. No spectacular DX has been seen yet, with only a fair amount of tropo. Happy Holidays to all.



Bright Idea

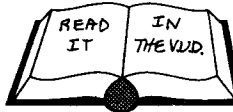
Bill Krestschmer II: The Adventure Continues (Note: no distances given with this report)

Table with columns for NOVEMBER 1988 and stations like 1800 WYTV-33 OH, 1801 CICO28-8 MI, etc.

Es and Tr very inactive except for Es on 11/12 and 11/19. While FM brings in FL, GA, and AL, TV skip mostly LA and Great Plains states. For days, lo-band pager signals strong with France in the morning on 35.60 and 36.00 MHz, and Denver, Los Angeles at sunset. If only F2 and Es were stronger on TV! As we approach the sunspot cycle peak, lo-band and TV-DX seem to be well above average. 73's, Bill.

Table with columns for NOVEMBER 1988 and stations like WMDT-TV 47, WCPB-28 MD, WBOC-16 (DE), etc.

EQUIPMENT: CM Super Bandsaw UHF (12db average) at 33', CM MATV Super Vector model 1273 hi-band VHF at 29', CM MATV Super Vector model 1226 lo-band VHF at 23', Winegard PA-4975 UHF preamp B-T Vaultier III plus VHF amp Cheap Radio Shack coax (I like an honest man---jfc) 19" color Zenith Teknika 6510 tuner (My kingdom for one of those---jfc)



I am having some rotor problems, so have antennas aimed S.E. Noted WNV-53 VA with 3/4 cb at 2200--do they go off this early? The new translator W20AH comes in local quality here and blocks out WTX-20 CT. Only when coastal DX is up will CT make it through. (Why does WLNE-6 need a translator in their own city of license? Is there some terrain problem, or multipath like in NYC?? If the latter, one would think Providence would be a more likely candidate for a translator---jfc) The Es on 11/11 first noted on cable at 2300. Up to channel 5 at times--must have been stronger earlier! Tropo are now few and far between, so bring on the Es, hi. Oh, I just passed the 400 station mark. (Congrats, Roy. 400 stations is impressive when one considers that you have zilch to the east or due south, and lots of nice mountains to the northwest!--jfc)

Th-th-th-that's all, folks! Keep those cards and letters coming. I'll be very busy in January (as you read this) and may have to do the column a bit earlier, so I apologize in advance to anyone whose report is delayed. It's been real.....JOHN

HAPPY NEW YEAR graphic with 'WHOOPEE!' speech bubble, a laughing face, and a STOP sign.

# WESTERN TV-DX

January 1988

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

Deadline: 02-09-89

The big surprise in November was a number of E skip openings. The openings reported were on the 9th, 11th, and 19th.

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

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

CDT/CST

## Equipment:

7' Finco dish, B-T CMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis with B-T AB-3 (tube type) preamp @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-2026 (lo-band) and Winegard SC713 (hi-band) yagis. Hi-band uses AB-300 preamp. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 60's) (used with antennas on 40' tower). Panasonic 9" b&w portable.

## September 1988

24 gw 0445	W42AF 42 WI	3 tr 0738	Lower ON UHF's	22 0645	KDNL 30 MO	432
(Ripon	non-STV)		London 18,40,53	0739	@WQPT 24 IL	
2156	Iron Mountain MI		Wingham 45 and	2039	WQEC 27 IL	400
	Translators 100		Kitchener 56		KDNL 30 MO	432
	(63, 65, 67 STV)	8 tr 1737	WUSI 16 IL 402		WQPT 24 IL	
2239	CBLFT23 16 ON270	11 Es 2000	unids chs 2-4 s		KNLC 24 MO	432
25 tr 0630	WCET 48 OH 400	2200	WBTU 3 NC 730		(Above 3 snow fr)	
0645	WOSU 34 OH 395		Charleston SC 2,		WUIM 22 IL	
	WTTE 28 OH 395		4, and 5 916		WTJRT 16 IL	
0655	WIII 64 OH 400	2218	WWAY 3 NC	2051	WGRB 34 KY	473
	WXIX 19 OH 400	2221	WSAV 3 GA 972		WTVQ 36 KY	473
	WKONT 52 KY	2230	WESH 2 FL		WKLE 46 KY	473
	WCVNT 54 KY	2300	WCPX 6 FL		WLKT 62 KY	473
1829	WKPT 19 TN 619		WUFT 5 FL		WDKY 56 KY	437
	(Snow free)		WJXT 4 FL		WKON 52 KY	437
	WSBNT 47 VA		=WEDU 3 FL		WOSU 34 OH	345
	WKSOT 29 KY		(unid 3/4 CB)	2107	WOSU 34 OH	345
1920	WTVQ 36 KY 473	15 tr 0525	@WTIU 30 IN 376	23 tr 0350	WTCT 27 IL	481
1925	WYMT 57 KY 557		@WCAY 30 TN 585		KNLC 24 MO	432
26 tr 0745	WLEX 18 KY 473		WDRB 41 KY 437		KDNL 30 MO	432
0824	WTVQ 36 KY 473	0533	WEHT 25 IN 420	1935	WCET 48 OH	400
			WXIX 19 OH 400	24 tr 0740	WCET 48 OH	400
		0537	@WEVV 44 IN 420		WKON 52 KY	437
		0545	WFIE 14 IN 420		WDKY 56 KY	
		0612	@WKGB 53 KY 553		WAFET 48 AL	
		0930	WLKT 62 KY 473		WKLE 46 KY	437
			WKLET 46 KY		WTVQ 36 KY	437
			WTVQ 36 KY 473		WPBO 42 OH	461
			WLEXt 18 KY	0755	WKHA 35 KY	551
			WCET 48 OH 400		WOSU 34 OH	395
		21 tr 2145	KGCTt 41 OK		WGRB 34 KY	
			KDNL 30 MO 432		WKSO 29 KY	538
		2149	WUIM 22 IL	0805	WLKT 62 KY	473
			KHOGT 29 AR		WDRB 41 KY	437
2307	WKLE 46 KY 473		WTJR 16 IL	0810	WUXA 30 OH	461
3 tr 0738	WNYB 49 NY 445	2159	WQPT 24 IL		KDNL 30 MO	432
	CHMT 47 ON 410	2211	KSAX 42 MN	0814	WXIX 19 OH	400
	WUTV 29 NY 445	2230	KNLC 24 MO 432			
	WNPET 16 NY	22 tr 0645				

## November 1988

2 tr 2200	WNEO 45 OH 405					
2245	WQLN 54 PA 405					
	WSEE 35 PA 405					
	WJET 24 PA 405					
2259	WLKT 62 KY 473					
	WDKY 56 KY					
	WKON 52 KY 437					
	WCET 48 OH 400					
	WTVQ 36 KY 473					
2307	WKLE 46 KY 473					
3 tr 0738	WNYB 49 NY 445					
	CHMT 47 ON 410					
	WUTV 29 NY 445					
	WNPET 16 NY					

WDJT-58 Milwaukee was seen with ID color bars today (11/3). No power or tower height was given when they were describing facilities. They are weaker than 18, 24, and 30 and comparable to 36 in signal strength (a little weaker), but this could be deceptive as conditions were above normal.

The opening on the 22nd was good. It didn't produce anything new, but WQPT-24 and St. Louis channels 24 and 30 were snow free over Milwaukee.

Total now at 999.

## Western TV-DX

January 1989

John Ebeling, 9209 Vincent Avenue South, Bloomington, MN 55431

CDT/CST

DX from cabin at Alborn (Prosit), Minnesota

## Equipment:

General Electric EC chassis about 1980 - electronic tuning (no fine tuning). Antennas in the attic - one pointed south towards Minneapolis/St. Paul and the other aimed southeast towards Duluth - selection via knife switch. Neither antenna is a DX type.

## September 1988

23 Es unid channels 2-4

## November 1988

11 Es 2140 WCBM 2 SC  
2200 WESH 2 FL  
2220 WCBM 2 SC  
2300 WESH 2 FL

19 Es 1645-1700 unids ch 2  
French - 2 stations  
1715 WLBZ 2 ME  
1720 WGRZ 2 NY  
1730 WGBH 2 MA  
1800 WIVB 4 NY  
(NEWS 4/BUFFALO)  
1801 WCBS 2 NY

19 Es 1810 WGRZ 2 NY  
1815-1920 gone to eat  
1920 unid chs 2-5  
1930 unid ch 4 NBC  
1947 WGRZ 2 NY  
2000 unid ch 2 ABC  
then gone

Dave Sinclair, 6565 Brooks Street, Vancouver, BC V5S 3J6

PDT\PST

## Equipment:

See November 1988 Western TV-DX

## October 1988

3 tr 2200 KPDX 49 OR 252  
5 tr 2230 KMTR 16 OR 349

8 tr 0530 KATU 2 OR 252  
9 tr 0145 KATU 2 OR 252  
12 tr 1100-1200  
KBSP 22 OR 288

## November 1988

12 tr 0600 KATU 2 OR 252

KTVK-3 overrode rebroadcaster CBUT2, Chilliwack, BC 56 miles east with 590 Watts ERP. This is the first time (and the furthest I have logged UHF) with KMTR-16, Eugene, Oregon. On October 12th, channel 22 Salem was very intense and strong when it overrode channel 22, Seattle.

KPDX-49 will be difficult to identify from now on because our provincial educational station, the Knowledge Network, started transmitting on channel 49 from Mayne Island, BC with only 20 Watts. I have a clear shot at this and this signal is practically solid - bad luck for a DX'er!

Randy Miltier, 1068 Fairview Avenue, San Jose, CA 95125 (N6HMO)

PDT/PST

## Equipment:

1986 23" Mitsubishi, 12" b&w Zenith, Channel Master 1160 VHF/UHF antenna and Channel Master rotor. Fisher VCR.

## October 1988

11 Es 1120 KTWO 2 WY 905  
1149 KIDK 3 ID 649  
1151 unid channel 4  
unid channel 5

## November 1988

9 Es 0824 KLNE 3 NE 1225  
0831 KTVS 3 CO 1039  
0859 KNOP 2 NE 1163

9 Es 0935 KGWNT 5 WY  
1001 unid channel 4  
1045 KTWOt 2 WY

I had two pleasant surprises after the E skip "season." On October 11, KTWO-2 and KIDK-3 were in with nice signals. KIDK-3 is rare here, and I was really surprised when they ID'ed - got a nice photo. The second surprise was on November 9 with KNOP-2, KLNE-3 and KTVS-3 making it to my TV screen - got a nice photo of KTVS. Nothing else has materialized in November. Hopefully December will bring something from Santa.

Are any of you amateur radio operators interested in getting together on HF at any time? With 10 meters open and with the 10 meter repeaters on FM, it would be relatively easy...might be fun!

I think I read where someone is working on a club roster...that would be welcome here. What about sending out a questionnaire in the VUD to include occupations, interests, hobbies, etc. to be included on the roster? Just a thought. Hopefully there'll be more to report next month, 73.

The November 19th E skip opening was observed here in Fargo after receiving a telephone tip from John Ebeling (thanks!). A tropo opening to Des Moines and Omaha was noted on December 2nd. I will try to fit in a report next month. Keep your eyes open for off season DX - it could happen!

# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NEW YORK 14221

NORTHERN FM DX

JANUARY 1989

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

JANUARY 1989 HAPPY NEW YEAR! DEADLINE: THE 5TH

Surprisingly, there were multiple skip openings in November reaching FM. The best day seems to have been the 11th. There has already been some skip on FM in December, too! Let's see some reports! One of the reporters this month is Bill Kretschmer, host of the 1989 WTRFA convention in Syracuse, New York. Have a Happy New Year!

HELEN KOPIN - 200 E. Main St. - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000

EQUIPMENT: 100-watt stereo, rooftop FM ant with Archer splitter amplifier  
ESP. CALL: Mfr. State/City. Details Dist. in miles

## NOVEMBER 1988

11 Es			
2046 WLV	95.5 GA Savannah	"Back to back on 1-95" storms predicted	1008
2047 WAPE	95.1 FL Jacksonville	11er "Power 95 WAPE" promo, soon denied by WBSX	
2049 WBSX	95.1 SC Charleston	"The New WBSX" invites listener suggestions	1127 930
2051 WMMZ	93.7 FL Gainesville	"Z-93.7" with the Hot-93 and the winner of Laser Wars on the way, phone# Gainesville 378-9300, Lake county 753-9300, Ocala 622-9300	1193
2053 WCHY	94.1 GA Savannah	"WCHY Y-94-FM" with continuous country	1008
2054 WZZU	93.9 NC Burlington	"94Z" Hot Hits challenge, mentioned Chapel Hill	713
2100 WJCL	96.5 GA Savannah	62 at your gentele giant, WJCL-FM Savannah	1008
2101 WNDM	101.3 SC Sumter	"The Big DM is WNDM Sumter/Columbia"	869
2303 WMPR	90.1 MS Jackson	WMPR welcoming new underwriters	1282
2305 WTYX	94.7 MS Jackson	"94 Tricks" showers in color-radar, 56deg	1280
2328 WMAA	91.3 MS Jackson	"This is PRM, classic radio statewide"	1282
2333 WYFK	89.5 GA Columbus	Religious pm, "This is WYFK Columbus"	1084
2343 WTSU	88.9 AL Troy	Pause during concert broadcast produced by WNYC New York, "WTSU 89.9 Montgomery/Troy, WTJB 91.7 Columbus/Phenix City, WRWA 88.7 Dothan"	1153

DAVE NIEMAN, P.O. BOX 155, CLARENCE, NY 14031-0155 DX From: lat. 42° 58' 30" long. 79° 31' 30"

EQUIPMENT: see DECEMBER 1988 NORTHERN FM-DX

OCTOBER 1988		NOVEMBER 1988	
29 TrS		3 Tr cont.	
1000 WFIA	90.9 DC Washington, cS, ID	1900 WATR	92.5 MI Atlanta, rS, 319
1035 WKSZ	100.3 PA Media, mS, KISS-100		"northern MI's AIR"
1610 WCRS	101.1 NY New York, rS (oldies)	1055 CBON21	104.9 ON Gogama, t FF, ID//CBON362
36 TrS	CBS-M	7 TrS	
0900 WFN	90.7 NY New York, etS, ID	0900 WKQZ	93.3 MI Midland, rpS, ID 297
31 TrS			"7-93" strict
0820 WPMN	91.9 NY Utica, NPRS, ID//WPMO 89.9	12 Es	
0923 WJFM	95.9 PQ Montreal, rS, call	0100 WBSN	89.1 LA New Orleans, gS, ID 1110
NOVEMBER 1988		13 TrS	
7 TrS		1100 WKDN	106.9 NJ Camden, gS, ID 272
0904 WDFM	89.1 NJ Trenton, rS, ID		(family radio)
1037 WNTI	91.9 NJ Hackettstown, jrS, call	14 TrS	
1300 WUCS	91.9 PA California, rS, call+FM-92	1302 WFFM	89.3 DC Washington, S, call 288
1 Tr		16 MS	
0900 WPHN	90.5 MI Gaylord, gS	0159 WOI	90.1 IA Ames, S, call 477
	ID//WOLW 91.1	22 TrS	
0913 WQLZ	105.1 MI Cheboygan, rS, call	0956 WYLT	92.7 NY Herkimer, mS MYL, call 171
0930 WBCF	92.5 ON Little Current, (CBC radio drama)	1035 WJPZ	89.1 NY Syracuse, rS, ID 112
0978 WPKK	106.7 MI Gaylord, rS, KPK	27 TrS	
		0932 WRDR	104.9 NJ Egg Harbor City, mS 311
			call: 105-FM

Hope everyone had a nice holiday. Dave

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

EQUIPMENT: GE Superradio II & Whip & various wire antenna in attic.

## OCTOBER 1988

21 GW/Tr/AS	
1633 WHCR	90.3 NY New York City, rare! only 8 watts, lite jazz, ID
1651 WRTI	90.1 PA Philadelphia, "fund raising ID"
22 GW	
0345 WFUN	91.9 Pirate!, ID Poor audio weak signal, no low or high end, dirty jokes (not entertaining)
1342 WJSU	90.5 NJ Morris Plains, ID "football game" "never heard before!" (Is this WJSV Morristown, NJ?-sc)

## 23 GW/Trs

LOCAL WFME	94.7 NEWARK OFF AIR!
0230 WCHR	94.5 NJ Trenton, weak fading signal
0305 unid	94.7 interview with country music (likely WDSO Dover-sc)
LOCAL WQXR	96.3 NEW YORK OFF AIR!
0310 WWDB	96.5 PA Philadelphia, ID
0312 WTIC	96.5 CT Hartford, ID

## NOVEMBER 1988

### 15 Tr

2230 WAYV	95.1 NJ Atlantic City, ID, fade over semi WRKI
2233 WMGM	103.7 NJ Atlantic City, ID, weak, longtime no hear!
2235 Semilocals	strong 95.9, 97.5, 99.9, 102.3, 106.3, 107.9
2245 WMMR	93.3 PA Philadelphia, messing up local 93.5! ID, steady
2345 unID	104.7 unID "K-105" soft rock mentioned shore area over semi local WSPK (Could it have been Q-105? That sounds like WOHQ Ocean City-sc)

### 16 Tr/TrS/AS

0000 WDRC	102.9 CT Hartford, "D-103", strong!
0145 WSNJ	104.5 PA Philadelphia, ID, fade
0150 WLEV	96.1 PA Easton, ID, steady
2045 WKHI	99.9 MD Ocean City, over semi WEIN 2 minutes, weak
2050 WXKS	107.9 MA Boston, over semi WEBE, several fades
2125 WJBL	91.9 Pirate! #718-633-3010, given over air, they are not really bad at all sound quality good, signal weak, AOR/Oldies, requests & phone calls over the air. They wouldn't say how many watts they are, not related to WCHE or WFUN, said they were located in Brooklyn. They wouldn't talk much at all! Still on at 11:30PM.

2155 WQQQ 99.9 PA Easton, ID, "Q-100", fast fade 18 GW?

I430 unid 88.1 classical music/WBGO 88.3 splatter (Ed: AS as a propagation mode means airplane scatter. Bill lives near 3 major and 2 local airports)

Nothing much in the way of DX, except minor tropo on 11-15-88 and 11-16. Still must get some better equipment GE supertuner II is OK but adj channel is not great, hence instead of hearing DX adj I usually hear high pitched whistles. I tried a Radio Shack directional antenna but I seem to do better with a combo of CBANT (?-sc) and various wire antennas in the attic. Also using the whip antenna & "weak" batteries seems to help the adj channel problems. It's almost every Fri & Sat Late nite you'll hear the NYC pirates, but I must admit if you're tuning in them it's hard to tell their illegal! WCHE last year seemed the most professional of all with straight oldies format & general good sound. Local 101.5 WMSC leaves their carrier ON when they leave the air for a couple of hours. It's only less than 1 watt but they do cause blocking of 101.5 unless you use extreme nulling. This is my first report so if after a while some of my DX reports, certain stations become repetitive it's because of my locale, 12 miles west of NYC, in a valley with a portable radio.

REPORT TO NORTHERN FM DX!!!

BILL KRETSCHMER - 104 NOPP AVENUE - NORTH SYRACUSE, NEW YORK 13212-1606

EQUIPMENT: Yamaha Tuner (found in car stereo Probe 3 @ 40' AGL Elevation)  
400' ASL

NOVEMBER 1988

- 4 Tr
- 2174 CIEL 98.5 PO Lonsdale
  - 2145 CFDR 92.5 PO Montreal
  - 2200 CBCO 96.7 ON Pembroke
  - 2211 WIDS 95.3 NY Gouverneur 95A (new calls are WBIX-ec)
  - 2215 WBKZ 96.7 NY Clifton Park, WJZ 301 Albany's Hit Music Stn
  - 2219 WOME 96.7 ME Boothbay Harbor
  - 2229 WRGR 102.3 NY Tupper Lake
- 5 Tr
- 1754 WCRF 103.3 OH Cleveland WPMO facsim. ID & address given-contest
  - 1000 WICN 90.5 MA Worcester WBAL off
  - 2037 WVBK 105.7 MA Framingham
- 6 Tr
- 0642 WHEB 100.3 NH Portsmouth
  - 0737 WKXZ 95.3 NY ? (The t means translator for WKXZ 93.9. There are two on 95.3. Bill: W237AI Oranx and W237AI Unadula-ec)
  - 0754 WEZF 92.9 VT Burlington
- 9 Tr
- 1919 WKXW 101.5 NJ Trenton
- 11 Es
- 2137 WBFM 98.1 SC Seneca wx 62 in Charleston (Seneca is near Greenville not Charleston. You could've heard the new WYBB Holly Beach. They use B-98 and could be confused with WBFM-ec)
  - 2140 WQIK 99.1 FL Jacksonville
  - 2151 WDIZ 100.3 FL Orlando
  - 2156 WARM 99.7 GA Atlanta Jambin! (new calls WAPW-ec)
  - 2159 WCHY 94.1 GA Savannah Y-94 Country
  - 2200 WZAT 102.1 GA Savannah
  - 2204 WELE 105.9 FL DeLand Cool 105.9 (new calls are WOOL-ec)
  - 2230 WIXV 95.5 GA Savannah
  - 2236 KWKK 97.1 OK Muskogee
  - 2245 WDMG 99.5 GA Douglas
  - 2255 unID 94.1 X-Tra Lite (maybe WXLT McComb, Miss.?-ec)
  - 2300 WJBR 93.7 AL Haleyville, ID/Country
  - 2301 WJMI 99.7 MS Jackson
  - 2306 WQST 92.5 MS Forrest City
  - 2310 WTYX 94.7 MS Jackson
  - 2313 WYYN 96.3 MS Jackson Jackson's Class FM - Jingle
  - 2319 WABG TV 6 audio (Greenwood, Miss)
  - 2322 WRAS 88.5 GA Atlanta
  - 2325 unID 88.9 Spanish
  - 2330 unID 90.7
  - unID 90.9 Spanish
  - 2400 PRP-FM 90.3 Classical Radio Statewide. (You heard PRM, a Mississippi network. It was either WMAH Biloxi, or WMAV Oxford-ec)
- 12 Es
- 0016 WAFK 95.5 TX Daboll K-Fax 95
  - 0020 KJIT 93.7 LA Shreveport
- 13 MS
- 1307 unID 94.1 Green Tamborine - Lennon Ripers
- 15 BW Tr & MS
- 0700 WJOL 90.3 NY Houghton
  - 0711 W350 90.9 NY Ithaca (calls are W350-ec)
  - 1101 W877 93.7 PA Pittsburgh, WBLN facsim
  - 2133 WPRR 100.1 PA Altoona, ID, Rock 100
  - 2134 unID MS Get together-Youreelood's
  - 2155 WAMD 105.9 PA Pittsburgh
  - 2159 WNER 100.1 OH Kent "Win a date on WNER Toll Free # (fade) on 19 (w/ID)"
  - 2209 WNMB 100.1 MA North Adams
  - 2217 WLNW 101.5 RI Providence
  - 2247 WPDH 101.5 NY Poughkeepsie
- 13 Tr
- 1800 WBRB 100.1 PA Bradford
- 19 Tr & MS
- 0801 CDM 88.7 ON Windsor, More of the Motor Cities Favorite Music on CJOM 88.7
  - 0808 WJTS 100.3 MN Minneapolis, "In Minnesota News, LA St. Paul man lost"



BILL KRETSCHMER'S REPORT - continued

After 2 months of Es silence, skip occurs up to ch6 TV and FM on 11/11! Logged many new stations thanks to my new tuner. SP 9 higher, now @ 40'. Able to pull in stations much farther away. The opening on 11/19 (Es-ec) penetrated TV but spotty on FM. Had a lot of Tr, Toronto, Erie, Buffalo, NYC, Boston, but didn't send it in. 73's Bill

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

Equipment - McIntosh MR-78 tuner, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft. Time: ELT

- NOVEMBER 1988
- 5 GW 2246 W244AS 96.7 NJ Oakhurst, t-WHTZ-100.3 poor-fair, WJAZ CT still dominant on the channel
  - 10 Es 1005 WMCU 89.7 FL Miami, PSAs
  - 1015 WEOW 92.5 FL Key West, "WOW-92.5" + call, ads, soft rock
  - 26 Super Tr 1945 WHTKT 99.7 SC Port Royal (See note)
  - 1951 WSSL 100.5 SC Gray Court-Greenville, ads, legal ID, call + "WHISTLE 100", k 590
  - 30 2030 WANV 99.7 VA Staunton, ID, into Investor's Classic basketball game. 299
  - 1078 2056 WEZCT 104.7 NC Charlotte, Charlotte wx, Seemed to use "Z-104" slogan
  - 1187 2108 WYFLt 92.5 NC Henderson, g, // WYFI-99.7
  - 2135 WSVS 104.7 VA Crewe, ID, k 309
  - 2211 WCPE 89.7 NC Raleigh, ending BBC news (taken off SW), ID, wx, classical 402

The tentative on WHTK was based on a partial call caught on tape. The station heard was playing rock, in/out with WYFI Norfolk and only a few degrees off of WYFI's bearing. Bob Smolarek did catch their ID on tape. WZNS-92.9 Dillon, SC may have also been in at the same time as WSSL and WHTK.

STILL WANTED: I still want to buy some Canadian stamps (or trade U.S. stamps for same). To be used for return postage.

73, Joe

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

EQUIPMENT: See December VUD!



3109 South Ten Mile Drive  
Jefferson City, MO 65101

NOVEMBER 1988

- 11 Es & Tr
- 2221 WDIZ 100.3 FL Orlando, r#s, DIZ
  - 2248WRKUJ 95.1 PA Grove City, r#, 95 K-Rock slogan, ext: WEDA
  - 2253 WKSJ 94.9 AL Mobile, wx forecast, ID, k#
  - 2257 WNOE 101.1 LA New Orleans, k#, calls, legal ID at 2302
  - 2259 WBAM 98.9 AL Montgomery, r#, jingle, Bam 99, George Michael mx
  - 2300 WDDW 107.3 FL Pensacola, k#, ID w/Mobile & Ft. Walton Beach
  - 2302 WLJS 91.9 AL Jacksonville, sign off, ment 92-J slogan
  - 2305WLMGJ 101.9 LA New Orleans, r#s, Magic 102, ext: WAJY
  - 2324 WQUE 93.3 LA New Orleans, r#s, Triple the Music: 0-93
  - 2333 WQST 92.5 MS Forest, k#, weather
  - 2335 WTYX 94.7 MS Jackson, r#, 94-Ticks
  - 2340 WCPC 93.3 MS Houston, local news (\$) about corrupt town mayor
  - 2344 KAJN 102.9 LA Crowley, gospel music (\$), FM 103
  - 2357 WMPR 90.1 MS Jackson, calls, local underwriters mentioned
  - 2400 KLSP 91.7 LA Angola, progressive rock music

- 12 Es
- 0005 WMAH2 90.3 MS Biloxi, PRM network station, assume this and not Oxford since no north Miss. was in; just S. MS and LA.
  - 0015 unID 92.1 r#, "92 Rock"

- 19 Es
- 1930 CKBF4 91.9 SK Bellegrade, FF Mono
- 28 TrS

- LOCAL CHTZ 97.7 SAINT CATHERINES OFF AIR
- 0756 WYRS 97.7 PA Jersey Shore, many local ments., events calendar
  - 0759 WLER 97.7 PA Butler, local ads

That November 11th opening was quite a surprise! It was very intense as well, reaching 107.3 Mhz. I missed most of the 19th E-Skip.

\* Logos in this column were supplied by Joe Fela and Larry Fuss. Thanks!

\* Thanks to everyone who has contributed to Northern FM DX this past year. Remember, everyone is welcome to report! Please do! Let's hope for a great DX year in 1989!



**WELCOME NEW REPORTER**

BEN R. WILKIE - P.O. BOX 386 - YORK, MAINE 03909

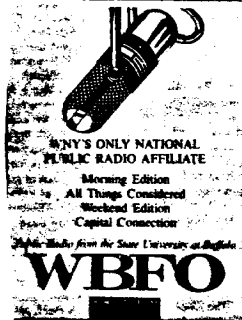
**BEN WILKIE'S FM BANDSCAN FROM YORK, MAINE.**  
format abbreviations included  
(except for educational frequency's)

88.1 WMBR Cambridge Ma.	98.5 WROR Boston Ma. (r)
88.3 WENT Boxford Ma.	98.9 WCLZ Brunswick Me. (p)
88.5 WHCF Bangor Me.	99.1 WPLM Plymouth Ma. Big Band
88.9 WERS Boston Ma.	99.5 WSSH Lowell Ma. (r)
89.1 WEVD Concord N.H.	99.9 WKZS Auburn Me. (r)
89.3 WHSN Bangor Me.	100.3 WHEB Portsmouth N.H. (p/r)
89.7 WGBH Boston Ma.	100.7 WZLX Boston Ma. (r)
90.1 WMEA Portland Me.	100.9 WYNZ Westbrook Me. (r)
90.5 WPEA Exeter N.H.	101.1 WATP Manchester N.H. (p/r)
90.9 WBUF Boston Ma.	101.7 WFNX Lynn Ma. (p/r)
91.3 WUNH Durham N.H.	101.9 WPRP Portland Me. (r)
91.7 WMMM Salem Ma.	102.3 WXXL Concord N.H. (r)
91.9 WUMB Boston Ma.	102.5 WCRB Walther Ma. (r)
92.1 WCDO Sanford Me. (cl.,r)	102.5 WUSS Camden Me. (r)
92.1 WMDK Peterborough N.H. (r)	102.9 WTHH Portland Me. (p/r)
92.5 WLYT Haverhill Ma. (r)	103.3 WDDS Boston Ma. (r. oldies)
92.9 WBOS Brockline Ma. (r)	103.7 WWRX Westerly R.I. (p/r)
93.1 WMGX Portland Me. (r)	104.1 WBCN Boston Ma. (p/r)
93.3 WSNE Taunton Ma. (r)	104.5 WXLB Fitchburg Ma. (r)
93.7 WCGY Lawrence Ma. (r. oldies)	104.9 WBDQ Gloucester Ma. (r)
93.9 WXGL Lewiston Me. (r. oldies)	104.9 WLKZ Wolfboro N.H. (r)
94.1 WFTN Franklin N.H. (r)	105.1 WTOS Skowhegan Me. (p)
94.1 WHJY Providence R.I. (p/r)	105.5 WJYY Concord N.H. (r)
94.3 WYJY Biddeford Me. (r)	105.7 WVEF Framingham Ma. (r)
94.5 WZOU Boston Ma. (r/p)	105.9 WIGY Bath Me. (r/p)
94.9 WHOM Mt. Washington N.H. (b/m)	106.1 WCOD Hyannis Ma. (r)
95.3 WQMI York Me. (r. oldies)	106.3 WHOB Nashua N.H. (r)
95.7 WZID Manchester N.H. (r/m/b)	106.7 WMIJ Boston Ma. (r)
95.9 WHYP Saco Me. (r)	107.1 WERZ Exeter N.H. (r/p)
96.1 WSFS Worcester Ma. (m/r)	107.5 WBLM Lewiston Me. (p/r)
96.3 WWMR Rumford Me. (m/r)	107.9 WXXS Medford Ma. (r)
96.3 WNTX Nantucket Ma. (r. oldies)	
96.7 WKOS Rochester N.H. (r)	
96.9 WJIB Boston Ma. (b/m)	
97.5 WOKD Dover N.H. (k)	
97.9 WWTG Portland Me. (r/p)	
98.3 WLNH Laconia N.H. (r)	

(Note)  
cl.,r refers to classic rock,  
unlike "rock oldies" it's progr-  
essive from the late 60's early  
70's.

Most of the time I'm too busy to FM DX, but then, I don't usually get anything outside of the locals anyway. My biggest thrill was recently, Nov. 11. That evening brought some terrific e-skip. VHF was busy up to ch5 and on FM I picked up my farthest yet...94.5 WAPI Birmingham, Ala (o/WZOU) also 94.1 WAOT Carrollton, Ala (o/Providence & Franklin) and WMJJ 96.5 Birmingham, Ala. That was a strange time for e-skip; I've never seen it at this time of year, nor after 9pm! (which was even stranger) (I've seen quite a few late e-skips, but that Nov 11 skip was the first November skip I've ever heard. Definitely that was very unusual to have skip in Nov, especially with that great intensity-ec). Anyway, that's all for now. Thanks for reporting, Ben. Hope to hear from you again soon.

STATION NEWS: WBYR 107.7 Weathersfield/Buffalo, NY has changed calls to WBMW. Their new format is new age jazz, with "107-7 The Wave" as a slogan. They are // to 92.3 Detroit and 107.3 Elyria, OH. WKQZ 93.5 Midland, Mich has switched frequency to 93.3. They are AOR and use "Z-93". They have been heard as far away as Akron, New York. WJYE 96.1 Buffalo has changed format: from easy listening to lite rock. WIGS 95.3 in Gouverneur, NY has changed calls to WGIX. Slogan is "95-X". WVKZ Clifton Park/Albany, NY is "KZ-97" and "Albany's Hit Music Station". They will have it tough competing against WFLY and WGFM.



**BANDSCAN**

GUS MANCUSO - 5615 INWOOD STREET - CHEVERLY, MARYLAND 20785

**LOCATION:** Highstown, New Jersey (Exit 8 N.J. Turnpike)

**EQUIPMENT:** Pioneer SX-40 & Radio Shack Rabbit Ears

Spent 4 consecutive nights on 4 sides of L shaped hotel--"outside" sides facing north and east. Building structure not as "heavy" as I expected for screening off opposite side signals more "super" bandscan mediocre. North and east sides were productive due to less adj channel interference produced by NYC stations which broadcast with very low power due to their skyscraper location transmitters. Several Long Island & New England Stations were picked up adj to (and in one case, OVER) NYC area stations. However on the Philly sides of bids only NY & NJ locals could be heard next to Phila area stations.

(N.E.W.S REFERS TO THE SIDE(S) OF THE HOTEL WHICH THE STATION WAS HEARD, IF IT WAS NOT HEARD ON ALL 4 SIDES)

88.1 WJHU MD BALTIMORE	W	95.9 WADB NJ PT. PLEASANT	NEW
WXBH NY BRENTWOOD	E	96.1 WLEV PA EASTON	
88.3 WBGO NJ NEWARK		WSRS MA WORCESTER	E
88.5 WAMU DC WASHINGTON	WS	96.3 WQXR NY NEW YORK	
88.7 WRHU NY HEMPSTEAD	E	96.5 WWDB PA PHILADELPHIA	
WRSU NJ NEW BRUNSWICK	EN	WTIC CT HARTFORD	N
WNHU CT NEW HAVEN	E	96.7 WJAZ CT STAMFORD	N
88.9 WXPN PA PHILADELPHIA		96.9 WFPQ NJ ATLANTIC CITY	
WSIA NY STATEN ISLAND	E	97.1 WYNY NY NEW YORK	
89.1 WJWP NJ TRENTON		97.3 WMBV NJ MILLVILLE	NS
WNJU NC NEW YORK	W	97.5 WPST NJ TRENTON	
89.3 WRDV PA WARMINSTER	WS	WALK NY PATCHOGUE	N
89.5 WSOU NJ SO. ORANGE		97.9 WEVD NY NEW YORK	
WSCL MD SALISBURY	E	98.1 WOGL PA PHILADELPHIA	
89.9 WKCR NY NEW YORK		98.3 WMGQ NJ NEW BRUNSWICK	
90.1 WRTI PA PHILADELPHIA		98.7 WRKS NY NEW YORK	
90.3 WBAU NY GARDEN CITY		98.9 WUSL PA PHILADELPHIA	
90.5 WBJB NJ LINCROFT	NEW	99.1 WAHZ NJ ZAREPATH	
WCVH NJ FLEMINGTON	E	99.5 WBAI NY NEW YORK	
90.7 WFUV NY NEW YORK	NES	WJBR DE WILMINGTON	NSW
90.9 WHYY PA PHILADELPHIA	NEW	99.9 WQQQ PA EASTON	
91.1 WFUM NJ EAST ORANGE	SWE	WKHI MD OCEAN CITY	NS
WSHU CT FAIRFIELD	N	WEZN CT BRIDGEPORT	NE
91.3 WTSR NJ TRENTON	NWS	100.1 WJRZ NJ MANAHAWKIN	
WESM MD PRINCESS ANNE	E	100.3 WHTZ NJ NEWARK	
91.5 WNYE NY NEW YORK		WKSZ PA MEDIA	SW
91.7 WHUS CT STORRS	E	100.5 WRCH CT NEW BRITIAN	N
91.9 WNTI NJ LAWRENCEVILLE	E	100.7 WHUD NY PEEKSKILL	NS
(GAVE ID AS TRENTON, NOT L'VILLE)	NEW	WZXL NJ WILDWOOD	NES
92.1 WVLT NJ VINELAND	NES	WFMZ PA ALLENTOWN	
92.1 WLNG NY SAG HARBOR	E	101.1 WEAZ PA PHILADELPHIA	
92.3 WXRK NY NEW YORK		WCBS NY NEW YORK	
92.5 WXTU PA PHILADELPHIA		101.5 WKXW NJ TRENTON	
92.7 WQBM NJ TOMS RIVER		101.9 WPIX NY NEW YORK	
WDRS NY GARDEN CITY	NE	102.1 WIOD PA PHILADELPHIA	
92.9 WMGS PA WILKES-BARRE	N	102.3 WSUS NJ FRANKLIN	N
93.1 WPAT NJ PATERSON		102.5 WRFY PA READING	
93.3 WMMR PA PHILADELPHIA		WOLC MD PRINCESS ANNE	E
93.5 WRTN NY NEW ROCHELLE	E	102.7 WNEW NY NEW YORK	
93.7 WSTW DE WILMINGTON		102.9 WMGK PA PHILADELPHIA	
WLVH CT HARTFORD	E	103.1 WGNV NY NEWBURGH	N
93.9 WNYC NY NEW YORK		103.3 WPRB NJ PRINCETON	
94.1 WYSP PA PHILADELPHIA		103.5 WQHT NY LAKE SUCCESS	
94.3 WJLK NJ ASBURY PARK	NEW	103.7 WMGM NJ ATLANTIC CITY	NES
94.5 WCHR NJ TRENTON		103.9 WIBF NJ JENKINTOWN	
94.7 WFME NJ NEWARK		WFAS NY WHITE PLAINS	N
95.1 WAVY NJ ATLANTIC CITY		WRCN NY RIVERHEAD	N
WZZO PA BETHLEHEM		104.1 WAEB PA ALLENTOWN	EW
95.3 WSBH NY SOUTHAMPTON	E	104.3 WNCN NY NEW YORK	
95.5 WUPR NY NEW YORK		104.5 WSNi PA PHILADELPHIA	
95.7 WFLN PA PHILADELPHIA		104.7 WQHO MD OCEAN CITY	N
		WSPK NY POUGHKEEPSIE	N
		104.9 WRDR NJ EGG HARBOR	
		105.1 WNSR NY NEW YORK	



# TV-CCI AIDS

Contains Explicit Material: Parental Guidance Suggested.



A compendium of useful information to assist in the identification of your DX!  
Published as time and contributions (hah) permit by John F. Combs, 1308 Willow Branch #24,  
Jacksonville FL 32205

## NEWS NAMES

WEAR-3 Channel 3 News  
(Look for seagull on the "3")  
WKRG-5 Newscenter 5  
WCTV-6 Eyewitness News  
WJHG-7 TV-7 News  
WAKA-8 Action News  
WALA-10 The News 10  
WMBB-13 Action News



## SLOGANS

WKRG-5 WKRG Cares  
WAKA-8 Feel the Caring Spirit  
WTOC-11 In Touch with the Coastal Empire  
WSFA-12 We're Here for You  
KTXH-20 20Vision  
WPGX-28 The Fun's on Us  
WTVX-34 Working in the Spirit of Florida  
WACX-55 SuperChannel 55  
WAYK-56/ Florida's Super Station  
WAYQ-26 (Calls also pronounced as a word, i.e. "wake")



We Bring Home The News ...



## MULTI-CITY IDs

WCEU-15 New Smyrna Beach/Daytona Beach  
WDBB-17 Tuscaloosa/Birmingham  
WYED-17 Goldsboro/Winston-Salem  
WFGX-35 Fort Walton Beach/Crestview

## STLs

WTVM-9 KIS86  
WFSU-11/ KJE44, KWU38, WE82, WCX528,  
WFGS-56 WCX529, WCX 538 (WFSU-11);  
WLL289, WLL313, WLL316 (WFGS-56)  
WSFA-12 KIO82  
WMBB-13 WBY23, WBY24  
WPDE-15 WGX781, WGX786, WGX787, WGX788,  
WLD487, WLD488, KIG403  
WCJB-20 WHG359  
WTLX-27 KZ2450, KB55999  
WNFT-47 WGR725

## MISCELLANEOUS STUFF

WSFA-12 Devotional: "Pastor's Study"  
WLTZ-38 Devotional: "Thought for the Day"

## SSB TYPES (standard)

WCSC-5 NPSSB WCJB-20 AHASSB  
WTVM-9 MLSSB WTLX-27 MLSSB  
WSFA-12 AMASSB WAYK-56 AHASSB

## SSB TYPES (custom)

WCTV-6 Scenes of Tallahassee but also of the Space Shuttle, ends w/jets, then waving flag (surprise) and the words "In God We Trust" (audio is orchestra in E-flat --an unusual key for the SSB)

WFSU-11/ Scenes of Tallahassee and North  
WFGS-56 Florida in general (audio men's chorus in C, but not same as in AHASSB and AMHSSB)  
WMBB-13 Panama City area scenes (including Tyndall AFB) but also stock footage of shuttle...ends with waving flag (yawn) (audio is band playing in B-flat)  
WJKS-17 Two inserted rectangles in UL and LR...in UL is the St. John's River City Band playing SSB in A-flat, in LR are Jacksonville scenes



## TEST PATTERNS

KPRC-2 Std 3/4 cb w/HUGE calls/city (should be a good Ms target)  
KATC-3 Weak signal, but appeared to be a 5/8 cb (7-1-t... that is, the white square started at extreme left and was 3 bars wide) with "Good Morning" and ID at top & early AM sked below (another distinctive Ms target!)  
WCTV-6 Std 3/4 cb w/ID  
WFSU-11/ Std 3/4 cb w/dual ID  
WFGS-56  
KHOU-11 Std 3/4 cb, ID along bottom  
WYED-17 Std 3/4 cb, ID in LR  
KTXH-20 Std 3/4 cb, ID in LR  
WSRE-23 Std 3/4 cb (+), ID in black strip at top  
WTLX-27 Std 3/4 cb, ID and unID  
WPGX-28 Std 3/4 cb, ID bottom center  
WKAB-32 Still using distinctive 3/4 cb (8-2-d), ID bottom center  
WJTC-44 Std 3/4 cb (+) w/ID  
WNFT-47 Full cb (8) w/ID  
WOGX-51 Std 3/4 cb, ID in LR  
WACX-55 Std 3/4 cb w/ID and "Super Channel 55" slogan



## OTHER PATRIOTIC S/OFFS

WNFT-47 ATB (America the Beautiful): video is of space shots from early missions up to shuttle (shuttle footage is videotape; earlier flights are on film)  
SCETV Net "America" w/typical scenes of U.S. (NY skyline, etc.) also Marines in dress uniforms, Iwo Jima, and music segues into the Marine Hymn (not hard to guess which branch of the service produced this one...)

## TV-CCI AIDS

## FEATURE: SSB TYPES REVIEWED/UPDATED

JANUARY 1989

The following is an update of all the SSB films used by stations a s/on and a/off that have been noted on more than one station and coded for easy reference. Some of these have not been personally observed in years, but may still be in use. All use orchestral arrangements in the key of B-flat unless otherwise noted.

**ACMSSB**--A Capella Men: scenes of waving flags, water, fireworks, etc. (audio is of a men's chorus a capella (unaccompanied) in key of C, but joined by an orchestra partway through the SSB, unlike the very similar AHASSB and AMASSB)  
**AFSSB**--Air Force: various USAF aircraft and missiles, all prominently featuring USAF logos  
**AHASSB**--Aim High America: fairly standard shots of American scenes (audio is unaccompanied men's chorus in key of C...words "America, my home" sung at end as sort of "tag", and the words "Aim High, America" appear on screen at the end)  
**AMASSB**--America My Home: identical audio to AHASSB and indistinguishable video, but major difference is the lack of the words "Aim High, America" at end  
**AMMSSB**--Arlington Marine Memorial: various shots of the Iwo Jima memorial at Arlington National Cemetery  
**DCSSB**--District of Columbia: various bldgs in DC (White House, Lincoln Memorial, etc.)  
**FHSSB**--Fort McHenry: various scenes of Fort McHenry (identified as such on screen)  
**MLSSB**--Marine Flag Lowering: flag lowering ceremony with Marine personnel...ends with drum major cutting off band, then about-face towards camera  
**MLSSB**--Marine Landing: main feature is Marines making a landing with lotsa stock footage of explosions...also interesting shot of Washington Monument looking up from base with flag in foreground...also Mt. Rushmore, Iwo Jima memorial  
**NFRSSB**--Navy Flag Raising: flag raising ceremony with Navy personnel  
**NYVSSB**--Navy: various Navy warships  
**NPSSB**--Navy Personnel: Navy ships and aircraft with close-ups of Navy personnel  
**PFUSSB**--Period Flags and Uniforms: honor guards in historical uniforms pass in review with various historical U.S. flags  
**RSSSB**--Rare Stanzas: scenes of Americans at work, play, voting, prayer, etc. (audio is by woman with guitar who sings the lesser-known stanzas of the SSB)  
**SOLSSB**--Sailor on Leave: scenes of Navy guy on leave, then fade into ships, planes, and the obligatory waving flag (audio begins with guitar, but segues into full orchestra when film begins to show ships and planes)  
**USHSSB**--U.S. History: montage of still scenes from U.S. history (photos and drawings) ending with a photo of U.S. flag on the moon (audio = unusual orchestral arrangement as follows: once through the entire SSB with conventional harmony, then back the second part ("and the rocket's red glare...") with unusual, though beautiful, harmonies under the melody...ends with a brief "coda" tacked on featuring high trumpets)  
**WFSSB**--Waving Flag: boring film with exactly 3 different shots of a waving flag, two with a pink flowering bush in the foreground (audio is full chorus and orchestra in C major, featuring first and last (seldom heard) stanzas of the SSB)

There are probably many more "standard" SSB films in use, as well as the custom SSBs used by more and more stations. If you see a SSB film that is not locally-oriented, and does not appear to be made specifically by or for the station involved, it is probably in use at other stations as well. These are the films we wish to code for easy reference.

Some of my more grandiose ideas along these lines include starting a videotaped file of the different SSB types. If you catch some of the above films, or others, on tape, and can send a dub (VHS) to yours truly, I will be happy to reimburse you for postage. Also, I'd like our Canadian members to watch for any "O Canada" films in use in that country.

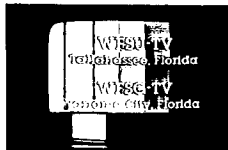
FOOTNOTE: whatever became of those other non-SSB s/off films that used to be so popular? Two that come to mind are "High Flight," a film of jet planes and pilots accompanied by a recitation of the poem of the title (from which President Reagan so movingly quoted in reference to the Challenger astronauts) and the "Indian Lord's Prayer," in which the Lord's Prayer is recited by a narrator while on film an old Indian chief interprets the prayer in sign language. Older WTPDA members probably remember such features--are they still in use by anyone?



# WARNING

THIS COLUMN IS AN ENDANGERED SPECIES! The information on the preceding page was contributed by three people: me, myself, and I. In fact, they are the three biggest contributors to TV-CCI AIDS! I thought that this type of information would be of interest and use to TV-DXers, but your support for the column (or rather, the lack thereof) says otherwise. Gathering this type of information on your local and semi-local stations is something you can do when DX is sparse. And most of us take note of these kinds of things when DX is in, too, especially those who like to write for QSLs.

To sum up, if I don't get enough contributions to this column in the next two or three months to produce at least one page of information without my own contributions, I will simply allow the column to expire. It's up to you.....JOHN







**NOTICIAS 33** WCNY-TV  
Covering Arizona's Hispanic Community.

WNEV-TV **33**  
KTVW  
LO MUESTRO

**7** WNNY-TV

WVII-TV Channel **7**

WUTR-TV

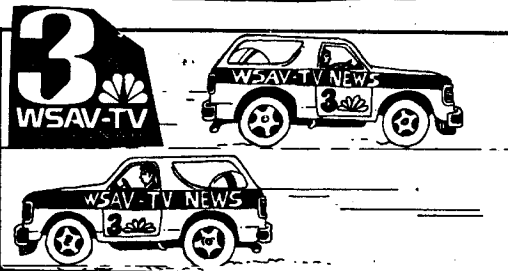
WMUR-TV **9** MANCHESTER

**20** UTICA - ROME

**45** KPHO PHOENIX

bctv chek

**WKTV 2 NEWS**  
THE TEAM TO WATCH



WSAV is on the move.

**42** KPTM  
OMAHA LINCOLN COUNCIL BLUFFS

BEST ON THE BOX  
CBC Television Montreal/6

St. Louis KTVI  
**2**

KCAU  
KCAN 8

13  
-Parsons City-  
WMB

WHOI  
We've got it all

WKAB  
Montgomery, Ala.  
abc **NEWSWATCH 321**

**NEWS 11 WORKS**  
KTHI-TV/11

**WJZY 46**  
Charlotte

**31**  
KDVR

**KICU TV 36**  
SAN JOSE - SAN FRANCISCO - OAKLAND

**11**  
WBAL-TV  
Baltimore-CBS

**WJCT 15**  
JACKSONVILLE

**WBZ-TV 4**

**32**

**WCCB 18**  
Television

**22/67**  
Maryland  
Public Broadcasting

**2**  
WMAR-TV BALTIMORE

**20**  
WJCA-TV  
WASHINGTON, D.C.

**WJZ-TV 13**

**45**  
WJFF-TV

**54**  
WYNY

CONNECTICUT'S  
MOVIE STATION  
**20**  
WTIX-TV

**WTNH 8**  
NEW HAVEN - FIGHT FORT

Maine's  
**COMEDY**  
Station  
WPXT-TV 51  
PORTLAND  
WPXT-TV is seen on UHF Channel 51 and is also carried on most cable systems.

**26**  
WETA

**WMTW 8**  
TVO

abc **9 KUSA**  
WLVJ 56

**48** WGGT-TV  
The Great Entertainer

**45** WNRW-TV  
YOUR TRIAD STATION

WCBB/10, WENH/11  
WMEB/12, WMEA/26

**WOR** **WTTG 5**  
Metromedia

YOUR HOMETOWN STATION  
**5** WNYW **25** WFTX  
**WDBJ 7**

**10** Right at Home.  
WTEN-Albany

LE RESEAU **TVA**

CFMT 10 MONTREAL  
CFER 11 RIMOUSKI  
CHLT 17 SHEBROUKE  
CPCM 6 CHICOUTIMI

CFM 4 QUEBEC  
CHAU 5 CARLETON  
CHOT 40 MULLOY OTTAWA

CFM 13 ROUYIN  
CHEM 8 TROIS RIVIERES  
CHT 9 RIVIERE DU LOUP

**6**

**22** WISN-TV  
MILWAUKEE

**AV** **CITV** **AV**  
SEE IT FIRST!

**4** KCNC

**TVA** **WLVJ 56** **KICU TV 36**

CONNECTICUT'S NBC STATION  
**27** WYFF-TV

**27** **KMST 46**  
MONTEREY SALINAS SANTA CRUZ  
A CBS AFFILIATE

**WYII** WYII  
WXXA **2** WLBZ-TV  
**45** KUTV-TV  
**13** WGME

**HITS** **CBN** **USA NETWORK** **VH1** **CINEMAX**

**THE NASHVILLE NETWORK** **A&E** **Lifetime** **SHOWTIME** **C-SPAN**

**HBO** **NICK NITE** **CNN** **HEADLINE NEWS** **FNN**

**ESPN** **MUSIC TELEVISION** **SYBOY Channel** **FAMILY CHANNEL**

**The Learning Channel** **The Disney Channel** **OTNN**

WKTV 2  
WABTV 3

(CONTINUED on page 5)