

From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

CLUB CONVENTION...As promised, Bob Seybold put on another one of his down-on-the-farm DX outings this year, his fourth WTFDA convention. The gettogether, held in Dunkirk, NY August 5th-7th, even featured a great tropo DX opening, which developed as the convention came to a close. By that Sunday evening, FM and UHF TV out to eastern Wisconsin was noted by those who remained, and a handful of amazed DXers noted an auroral disturbance--and saw it in the sky, in the form of the "Northern Lights." To top it all off, those who remained until Monday morning were able to watch UHF TV tropo into Iowa, and VHF TV and FM to Northern Ontario. A report on the convention will appear in a future VUD.

BID NOW FOR '84...Those members interested in hosting WTFDA's 1984 convention are asked to write to club HQ for convention bid forms. Deadline for bidding will be November 1, 1983. If more than one bid is received by that date, the site will be decided by member vote. Are you interested in hosting the 1984 club convention? Contact us now!

SUPER DX SUMMER?...It looks like the DX season has turned out to be better than previously expected by many. E-skip made a late comeback of sorts, though most good skip was limited to the center and southern parts of the continent. The high mid-continent summer heat wave, the most extensive and intense in years, finally started to spin off some great tropo openings in August. Watch for reports!

NEW UHF SUPER-AMP...The TV DX community is starting to buzz about the incredible Winegard PA-4975, a broadband MATV-type UHF preamp introduced in 1982, but only recently redesigned. It features an outstanding noise figure (typically only 1.0 dB!!!), with high gain (approaching 30 dB). Strong-signal handling is not a good as their AC-4990, but is said to be much better than the Blonder-Tongue CMA-Ub. Several DXers are now using the PA-4975, and report very impressive results. We'll feature a detailed report soon!

BITS...TELEVISION NEWS editor Bill Fahber has plans in the works for a new WTFDA UHF translator guide...EASTERN TV-DX's Bill Draeb is assisting in preparations for a new edition of the WTFDA TV STATION GUIDE...FCC FM NEWS and FM ATLAS author Dr. Bruce Elving is offering a great new FM "goodies" catalog to enthusiasts (see page 49)...

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This month's cover by Dave Nieman.

ANARC UPDATE

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LETTER FROM ANARC '83- Details of the 1983 ANARC Convention.

The ANARC Convention has just concluded on what probably was the hottest weekend in Washington D.C. The heat and humidity, while bothersome outside, was not a problem inside the Westpark Hotel in Rosslyn Va.

About 300 members of the DX and the radio listening hobby were in attendance including several prominent DX'ers. Glenn Hauser was there with his Review of International Broadcasting. Dr. Richard E. Wood brought along several books of QSL cards, many from stations heard while in Saudi Arabia. Several International broadcasting stations were represented. Ian McFarland was there from Radio Canada International, as was Jeff White of Radio Earth, Pat Gates and Phil Irwin of the Voice of America, and Joe Costello of WRNO-FM and WRNO-Worldwide. Several WTFDA members were in attendance including Greg Monti and Tom Yingling. I met several people interested in FM and TV DX. Hopefully, we will gain a few new members from the convention.

Friday's agenda started with several club and equipment displays. We, unfortunately did not have a display. This will be changed in the future. Also, there was no equipment display for FM and TV DX'ers. This is a harder problem to solve. (Any suggestions?)

Next was the Club Representatives meeting. Discussed were the activities of the various ANARC committees, the problems of the Handicapped Aid Program, and the proposed revision of the ANARC constitution. The constitution was tabled to allow more time for the clubs to study it.

Friday concluded with a wine and cheese party. This gave me a chance to meet many of the people attending the convention. It also gave me a chance to show off my TV DX pictures and to talk about FM-TV DX. I tried to promote WTFDA as much as possible. I think I got several people interested in joining.

Saturday's agenda was made up of a series of seminars. Most dealt with aspects of the Shortwave DX and listening hobby. There were seminars on publicizing radio listening, trends in broadcasting, equipment and listening, and computers in the radio listening hobby (I went to search Rosslyn for a TV Guide during this seminar. I'm glad to report that I was successful). Joe Costello hosted a seminar on Commercial Shortwave Radio.

One hour of the afternoon was spent in "freewheeling discussions on various aspects of the DX hobby". None of the agendas or the literature that was sent out listed a session on FM and TV DX. I was promised that there would be one. There was a sign-up sheet for an FM-TV session. But, no moderator was chosen, so I became the moderator. We did have seven people at my session. This gave me another chance to publicize our club.

The final seminar was a Broadcaster's Forum. Several shortwave stations were represented including Radio Canada International, the BBC, Radio Netherlands, Radio Sweden, Radio Beijing, and the Zambian Broadcasting Service. It was very interesting to hear how their stations operate.

The major event of the convention took place on Saturday night, the banquet, presentation of ANARC Awards and the raffle. Key note speakers at the banquet included Pat Gates and Joe Irwin of the VOA and Joe Costello of WRNO. Awards were given to Roger Legge for Shortwave DX'er of the Year. It seemed that every time they picked a ticket at the raffle it was for Terry Colgan, ANARC's Executive Secretary. Over 90 prizes were given out, including books, records, Delth China, and a \$600. Sony shortwave receiver.

At my table at the banquet was Zhang Shuxiong, the representative of Radio Beijing. Presently he is studying journalism in Missouri. I asked him what the Chinese thought of Americans, what type of picture does our international broadcaster portray and what he thought of American media? He thought our news on television portrayed ourselves accurately. I just hope he does not go around thinking that we like to murder each other.

After the banquet, several of us sat in on what was to be a live interview on Ian McFarland and Joe Costello over Radio Earth in the Dominican Republic. Unfortunately, the Radio Clarin transmitter had broken down and the interview had to be taped.

Sunday's agenda consisted of two items- the general business meeting and the HAP auction. At the general business meeting, a site for the

(continued on page 7)



ANTENNA NEWS

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September 1983

Dear Fellow DX'ers,

I hope everyone who attended the convention had a great time. I also hope that my catalogs were of some use to you. One item that is never in any catalog but is the most important part of any antenna installation is the little yellow and red warning sticker. My friends, this is one thing I hope you will always remember about putting up antennas - it is DANGEROUS! As we have talked about all sorts of mounts in this column and maybe have inspired you to do a little work on yours, I feel it necessary to reinforce what you already know - BE CAREFUL. PLEASE. Thank-you.

MEMBERS' INPUT

Thanks Rob Grant for the phone call & I'm sorry I had to run. I am still trying to sort out the UHF parabolic height thing and as far as I can tell it doesn't have to be any certain height above the ground to work properly. TVRO dishes work right at ground level so why should UHF be any different? I also will see what I can dig up on helical antennas and put something together for a later column. Thanks for the suggestion. Thanks also to Bill Thompson for his letter, it meant alot to me to hear some words of encouragement. The Channel Master and Jerrold switches you mention are both made by Arvin I believe and are the same switch. I think Arvin makes the same switch for others also.

A couple of months ago I wrote concerning my views on local antenna dealers. Thanks to David Wilson we have this report of what happened to him on July 26, 1983: "...I went into the Radio Shack in Indiana, PA. A customer was complaining to the salesman that he had his TV antenna atop a large hill but still had poor UHF reception. The salesman said that was expected as his antenna was too high and high frequencies like UHF stay closer to the ground. I confronted the salesman who was quite insistent that he was correct. He explained that UHF was line-of-sight meaning it stays close to the ground like a standing person's sight. Also he explained this is why UHF antennas are mounted lower than VHF antennas when they are on the same mast.

Dave - I hope you don't mind that I paraphrased abit. I wonder what this salesmans explanation is for the two sets of terminals on a feed-through UHF antenna.

MAGAZINE ARTICLES * ADDENDUM

| | | |
|----------------------------------|------------------------|----------|
| This Booster Is A Specialist | Popular Science | Jun 1951 |
| How Pushbutton Car Antennas Work | " " | May 1952 |
| Miniature TVI Wavetraps | Radio & TV News | Nov 1952 |
| TV Boosters And A TV Receiver | Consumers Research Bul | Nov 1952 |

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| | | |
|---------------------------------------|-------------------|----------|
| UHF Antennas | Radio & TV News | Jan 1953 |
| VHF-UHF Antenna Design | " " " " | Feb " |
| Maintenance Of TV Antennas | " " " " | Mar " |
| Multiple Installation Of TV Receivers | " " " " | " " |
| UHF Antennas | " " " " | " " |
| You & UHF | " " " " | " " |
| Antenna Measurements | " " " " | Apr " |
| Modern Booster | " " " " | " " |
| VHF Fringe Antennas | " " " " | " " |
| TV Antenna For Mountain Areas | Science Digest | May 1953 |
| UHF-VHF Antenna Coupler | Radio & TV News | " " |
| Grounding A TV Antenna | Good Housekeeping | Jun " |
| TV Antennas | Consumers Reports | " " |

Antenna News

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September 1983

Antenna Articles 1953-1956 (cont.)

| | | |
|--|-----------------------------|----------|
| TV Signal Booster Features Golden Grid Tube | Popular Mechanics | Jun 1953 |
| Summertime Revenue | Radio & TV News | Jly " |
| Choosing The Right TV Antenna | Popular Science | Aug " |
| TV & FM Rotators | Consumers Research Bulletin | Sept " |
| Windproofing Your TV Antenna | Popular Science | " " |
| TV'S 70 New Channels | " " | Jan 1954 |
| TV Antennas Made Him Rich | " " | Feb " |
| Tri-Pole Antenna | Radio & TV News | " " |
| Home Built UHF Antennas | " " " " | Mar " |
| TV Booster For UHF | " " " " | Apr " |
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| New Approach To Conical Antenna Design | " " " " | " " |
| How To Select Your TV Antenna | Popular Mechanics | Jly " |
| Miniature TV Antennas | Consumers Research Bulletin | " " |
| New Antenna Coupling System | Radio & TV News | Sep " |
| Antenna Antics | " " " " | Oct " |
| Brother Bosses Of The TV Antenna | Coronet | " " |
| Fringe Area FM Antenna | Radio & TV News | " " |
| How To Install Your Own TV Antenna | House Beautiful | " " |
| New Standards For TV Antennas | Radio & TV News | Nov " |
| 8 Strange Tales Of TV Antenna Troubles | Popular Science | Dec " |
| How Good Are Your TV Installations | Radio & TV News | " " |
| Cascade TV Booster | " " " " | Jan 1955 |
| 2-Set Couplers | Consumer Reports | Mar " |
| TV Antenna Rotators | Radio & TV News | " " |
| G-Line Antenna Lead In | " " " " | Apr " |
| Let 'er Blow | " " " " | " " |
| TV Antennas For Fringe Area Service | Consumers Research Bulletin | May " |
| All-Channel All-Wave Antenna | Radio & TV News | Jun " |
| Better TV From Slotted Pipe Antenna | Science News Letter | June 4 |
| Broadband Flat Gain TV Antenna | Popular Mechanics | Jun " |
| Additional Data On A Pair Of Folded Dipoles | Radio & TV News | Jly " |
| Antenna Mounted UHF Mixers | " " " " | Aug " |
| He Builds Windproof TV Masts | Popular Mechanics | Sep " |
| Tuners, Aerials, & FM | Atlantic Magazine | " " |
| Why A Rotator? | Radio & TV News | " " |
| Indoor TV Antennas | Consumer Reports | Oct " |
| Multiple Tuning In TV Antenna Design | Radio & TV News | " " |
| 7 Rules For Putting Up TV Antennas | Popular Science | Nov " |
| Wizard Antenna | Radio & TV News | Dec " |
| Cliff Dwellers Antenna | " " " " | Jan 1956 |
| Transistorized TV Antenna Compass And Field Strength Meter | " " | " " |
| TV Window Feed Through Devices | Consumer Reports | " " |
| Versatile Installation Unhitches TV Receiver | Popular Mechanics | Feb " |
| TV For Trailers | " " | Apr " |
| New TV Antenna Round-Up | Radio & TV News | May " |
| Doing It The Easy Way | " " " " | Jly " |
| Rotation Unnecessary For TV Antennas | Science Newsletter-July 7 | " " |
| Antenna Rotators | Radio & TV News | Aug " |
| Showman: New Indoor TV Antenna | " " " " | Sep " |

PRODUCT ANALYSIS-TOWER

Over the last few months we have talked about antenna mounts of several types. This is the last in the "mount" series. The next series of articles will discuss the antenna system from the receiver back to the antenna. If I have skipped a subject which you would like discussed just write.

You can definately sink more money into a tower than anywhere else in the antenna system so even though the subject of towers might seem a little self explanatory, an overview of the marketplace might prove beneficial.

There are basically 5 different types of tower. They are:

Tower (cont.)

- 1.) Standard straight section tower
 - a.) Free standing
 - b.) Guyed
 - c.) Bracketed
- 2.) Free standing tapered section tower
- 3.) Fold-over tower
- 4.) Crank-up tower
- 5.) Telescoping or flag pole free standing tower

Standard straight section tower is readily available with the most popular brands being American and Rohn. Everybody has their favorites and mine is Rohn. American's chief selling points are price and easiness to climb. Rohn's advantage is their superior galvanizing (hot dipped - see last month's article on mast) and overall ruggedness. Their price is higher but I feel it is a bargain compared to the American. As far as being easy to climb, unless you're going to climb in your bedroom slippers, the smaller diameter rungs on the Rohn should give you no problem, they are also closer together than the American's making climbing easier to shorter people. As far as galvanizing, the Rohn 20G, 25G, and 45G are all hot dipped whereas only the 1810 series American is. For strength, all Rohn comes with 2 bolts per leg whereas many American dealers stock 1 bolt per leg variety (the bolts which hold one section to another). The Rohn 11G is not recommended and in fact is not readily available. The difference between the 20 and 25G is one pound of weight per foot (20G = 30lbs/section, 25G = 40lbs/section). The 45G is 70 lbs/section and also has different dimensions. If money is tight for you, you can use a couple of sections of 20G on the top of a 25G tower where the load is not leveraged too much. To give you an idea of prices of the different series I have listed Rohn's list prices however discounts are generally available either locally or through distributors advertising in the various ham radio magazines. 20G-\$82, 25G-\$92, 45G-\$187.

If you are serious about tower selection, the Rohn Dealer Catalog is an education in itself containing engineering drawings, load & height limits, accessories, and installation recommendations. If your dealer can't get you one, write to Rohn at P.O. Box 2000, Peoria, IL 61656. There is a charge I believe but I don't know how much - \$2.00?

Another area where your dealer maybe able to help you out if you're going to install the tower yourself is in the rental or use of some installation devices such as a tower work platform and erection fixture. These make the job much safer and easier.

If you are going to have your tower installed by a local installer, the biggest favor you can do for yourself is to still look over the manufacturers' recommendations and instructions. Some installers are so used to cutting corners that they have to be checked up on sometimes. Do this even before you get price quotes so that everybody is quoting you on the same thing. It comes down to this: Get everything you're paying for.

Free standing tapered section tower (example: Jerrold Delhi & Rohn BX) is quite popular in some areas. Personally I prefer the straight section tower due to the following reasons: 1.) It's easier to climb, 2.) It's easier to hang additional antennas on the side of it, 3.) It's easier to put up. Also interesting is the fact that Rohn does not recommend putting antennas with boom lengths exceeding 10 ft. on their BX series. All that I can figure is that these towers deal with twisting and torque in a less satisfactory way than the straight towers.

Fold-over tower is available from Rohn in both the 25 and 45G series. This is the slickest thing going for the hobbyist who likes to change antennas alot. The cost difference between a standard & fold-over version is about \$750. All fold-over tower should be guyed. A fold-over 45G Rohn tower is the tower of my dreams.

Crank-up tower is another method of getting your antenna closer to the

Tower (cont.)

ground on demand. It has an advantage over fold-over tower in that the antenna keeps its' correct orientation to the ground during raising and lowering. A picture of a crank-up tower can be seen in last month's VUD on page 55 (Dave Nieman's set-up). However, the crank-up tower is not thought to be as safe as the fold-over tower due to the possible slippage of the mechanism. Crank-up tower is available from Hy-Gain and Tri-ex with prices ranging from about \$900-\$1800 for a 50 footer depending on options. If you're wondering what good keeping your antenna at its' proper orientation to the ground is, remember that sometimes UHF is very wierd and can vary alot with just a couple feet of vertical change up or down. (If you believe the salesman mentioned in the account given by Dave Wilson then you would probably lower your tower every time you viewed UHF).

Telescoping or flag pole free standing tower is probably the most beautiful tower around to look at. The Tri-ex 70 footer is a beauty but for sixteen thousand dollars it best be VERY beautiful. A major drawback of this type of tower is that its' installation requires some specialized or expensive heavy equipment. Tri-ex does make an installation crane available on a no charge basis for purchasers of their tower.

CURRENT NEWS

Rumor has it that Alliance has a replacement coming for the U-100 rotor which will be called the U-101. I don't know any more than that.

LAST MINUTE NEWS

I received a letter from Nate Ely yesterday and he has a very interesting problem with out-of-band interference on his Winegard AC-4990 pre-amp. We'll talk about it next month. If anyone has experience with filtering out everything but the UHF band please let Nate or me know.

This last week I started a new job after a year lay-off. During this time I had enough spare moments to become involved in several extra-curricular activities such as writing this column. My wife and son deserve first priority, the church family and employer come close behind. I hope that I can continue to do things like the Antenna News because I really enjoy it. If I have to skip a month here or there during the next half-year please forgive me. Whatever you do, don't not write because you think I'm busy, the letters are what keep me motivated. I'll talk to you next month. *Dog*

(continued from page 3)

1984 convention was chosen (Toronto, Ont.) and the process of submitting bids for the 1985 and thereafter convention was changed. The location will now be chosen two years in advance. Several resolutions were voted on, including congratulations to Dave Browne, and the National Radio Club on their 50th Anniversary, Radio Canada International and the Washington Area DX Association (Hosts of this year's convention). There was also a condemnation of radio jamming.

At the auction, auctioneer Sam Barto sold books, pennants, records, radios, tee shirts, and WPLJ's subway advertisements.

It can easily be said that everyone there had a good time. It was very interesting and it was not very technical. And it was a good chance to meet with many of my fellow DX'ers. The Washington Area DX'ers Association must be commended on their efforts in staging the largest and most successful ANARC Convention. I already have plans to go to next year's convention in Toronto. I hope to give WTPDA fuller representation at that convention.

Future articles will deal with several issues that have come out of the convention; the constional revisions and what WTPDA can do for members of the Handicapped Aid Program.....

Until then, Best Of DX, and 73's,

Steven P Sprachman

VHF UTILITY DX

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VHF UTILITY DX... This month's feature will attempt to explain the frequency allocation plan for the Police Radio Service. Keep in mind that many police are licensed on local government frequencies and as such this allocation table does not reflect those frequencies.

Many frequencies that are used by police, especially in smaller municipalities are local government frequencies to make inter-agency coordination simpler. Many agencies are forced to take a local government allocation because of the crowded spectrum in or adjacent to large metropolitan areas.

Also this feature includes loggings from the several openings of both skip and tropo recently. Many thanks to Tom Yingling and Hank Holbrook for there contributions. Good luck and good DX.....

Police Radio Service

Eligibility Any territory, possession, State, county, city, town, and similar governmental entity including a governmental institution authorized by law to provide its own police protection, is eligible to hold authorizations in the Police Radio Service to operate radio stations for transmission of communications essential to official police activities of the licensee.

Police Zone and Interzone Communication Fixed zone and interzone stations may be authorized in the Police Radio Service. An unlimited number of zone stations may be authorized in a single zone, but only one interzone station will be authorized in any zone. (A zone is normally considered to be a single state). Request to rezone a state to provide more than one interzone must be supported by an adequate showing of need based upon the volume of traffic or the necessity for more expeditious handling of traffic. In addition, the request shall include a showing that all licensees of all affected zone stations have been notified and afforded an opportunity to comment on the request.

International Police Radio communications Police Radio licensees which are located in close proximity to the borders of the United States may be authorized to communicate internationally. Request for such authority shall be written and signed and submitted in duplicate. The request shall include information as to the station with which communication will be conducted, and the frequency, power, emission, ect., that will be used. If authorized, such international must be conducted in accordance with Article 5 of the Intern-American Radio Agreement, Washington, DC 1949 which reads as follows:

Article 5 When the American countries authorize their police radio stations to exchange emergency information by radio with similar stations of another country, the following rules shall be applied:

(a) Only police radio stations located close to the boundries of contiguous countries shall be allowed to exchange this information.

(b) In general, only important police messages shall be handled, such as these which would lose their value, because of slowness and time limitations if sent on other communication systems.

(c) Frequencies used for radiotelephone communications shall be conducted on frequencies assigned for radiotelephony.

PCLICE ALLOCATION LIMITATIONS

2) The frequency is available for assignment only in accordance with a geographical assignment plan.

3) Base stations operating on this frequency and rendering service to state police mobile units maybe authorized to use a maximum output power in excess of the maximum indicated in 90.205 but not in excess of 7500 watts: Provided, That such operation is secondary to other stations.

POLICE RADIO ALLOCATION TABLE

| | | | | | |
|-------|-----|-------|-------|-----|----------|
| 37.02 | M | | 39.64 | B/M | |
| 37.04 | B/M | | 39.66 | M | |
| 37.06 | B/M | | 39.68 | B/M | |
| 37.08 | B/M | | 39.70 | M | |
| 37.10 | B/M | 9 | 39.72 | B/M | |
| 37.12 | B/M | | 39.74 | M | |
| 37.14 | B/M | | 39.76 | B/M | |
| 37.16 | B/M | | 39.78 | M | |
| 37.18 | B/M | 9 | 39.80 | B/M | |
| 37.20 | B/M | | 39.82 | B/M | 9 |
| 37.22 | B/M | | 39.84 | B/M | |
| 37.24 | B/M | | 39.86 | B/M | |
| 37.26 | B/M | 9 | 39.88 | B/M | |
| 37.28 | B/M | | 39.90 | B/M | 9 |
| 37.30 | B/M | | 39.92 | B/M | |
| 37.32 | B/M | | 39.94 | B/M | |
| 37.34 | M | | 39.96 | B/M | |
| 37.36 | B/M | | 39.98 | B/M | 9 |
| 37.38 | M | | 42.02 | B/M | 2, 3, 12 |
| 37.40 | B/M | | 42.04 | B/M | 2, 3, 12 |
| 37.42 | M | | 42.06 | B/M | 2, 3, 12 |
| 39.02 | B/M | | 42.08 | B/M | 2, 3, 12 |
| 39.04 | B/M | | 42.10 | B/M | 2, 3, 12 |
| 39.06 | B/M | 9, 10 | 42.12 | B/M | 2, 3, 12 |
| 39.08 | B/M | | 42.14 | B/M | 2, 3, 12 |
| 39.10 | B/M | 9 | 42.16 | B/M | 2, 3, 12 |
| 39.12 | B/M | | 42.18 | M | 2, 12 |
| 39.14 | B/M | | 42.20 | M | 2, 12 |
| 39.16 | B/M | | 42.22 | M | 2, 12 |
| 39.18 | B/M | 9 | 42.24 | M | 2, 12 |
| 39.20 | B/M | | 42.26 | M | 2, 12 |
| 39.22 | B/M | | 42.28 | M | 2, 12 |
| 39.24 | B/M | | 42.30 | M | 2, 12 |
| 39.26 | M | | 42.32 | B/M | 2, 3, 12 |
| 39.28 | B/M | | 42.34 | B/M | 2, 3, 12 |
| 39.30 | M | | 42.36 | B/M | 2, 3, 12 |
| 39.32 | B/M | | 42.38 | B/M | 2, 3, 12 |
| 39.34 | M | | 42.40 | B/M | 2, 3, 12 |
| 39.36 | B/M | | 42.42 | B/M | 2, 3, 12 |
| 39.38 | M | | 42.44 | B/M | 2, 3, 12 |
| 39.40 | B/M | | 42.46 | B/M | 2, 3, 12 |
| 39.42 | B/M | | 42.48 | B/M | 2, 3, 12 |
| 39.44 | B/M | | 42.50 | B/M | 2, 3, 12 |
| 39.46 | B/M | 11 | 42.50 | B/M | 2, 3, 12 |
| 39.48 | B/M | | 42.52 | B/M | 2, 3, 12 |
| 39.50 | B/M | 9 | 42.54 | B/M | 2, 3, 12 |
| 39.52 | B/M | | 42.56 | B/M | 2, 3, 12 |
| 39.54 | B/M | | 42.58 | B/M | 2, 3, 12 |
| 39.56 | B/M | | 42.60 | B/M | 2, 3, 12 |
| 39.58 | B/M | 9 | 42.62 | B/M | 2, 3, 12 |
| 39.60 | B/M | | 42.64 | B/M | 2, 3, 12 |
| 39.62 | B/M | | 42.66 | M | 2, 12 |

Donald L. Blevins 314 Langley Road Baltimore, MD 21221 reports:

7-26-83

| | | | | |
|------|----------|---------|-------------------|------------------------------|
| 2231 | WZN 243 | 154.86 | Truce, PA | Lancaster County Comm. |
| 2233 | KKC 815 | 155.07 | Bern Township, PA | Berks County Communications |
| 2235 | KGA 815 | 154.665 | State Roads, DE | Delaware State Police |
| 2236 | KGA 583 | 154.80 | Lancaster, PA | Lancaster Police |
| 2240 | KNAA 586 | 159.135 | Fairfax, VA | Virginia State Police |
| 2245 | KJE 260 | 44.94 | Chanute, KS | Kansas State Patrol |
| 2259 | KKC 374 | 37.26 | Oklahoma City, OK | Oklahoma County Sheriff |
| 2302 | KRG 760 | 37.10 | El Reno, OK | Canadian County Sheriff |
| 2321 | KAA 204 | 42.06 | St. Joseph, MO | Missouri Highway Patrol |
| 2341 | KGB 476 | 154.235 | Philadelphia, PA | Philadelphia Fire Department |

| | | | | |
|---------|-----|----------|---------|-----|
| 42.68 | M | 2, 12 | 154.77 | M |
| 42.70 | M | 2, 12 | 154.785 | B/M |
| 42.72 | M | 2, 12 | 154.80 | B/M |
| 42.74 | M | 2, 12 | 154.815 | B/M |
| 42.76 | M | 2, 12 | 154.83 | M |
| 42.78 | M | 2, 12 | 154.845 | B/M |
| 42.80 | B/M | 2, 3, 12 | 154.86 | B/M |
| 42.82 | B/M | 2, 3, 12 | 154.875 | B/M |
| 42.84 | B/M | 2, 3, 12 | 154.89 | M |
| 42.86 | B/M | 2, 3, 12 | 154.905 | B/M |
| 42.88 | B/M | 2, 3, 12 | 154.92 | B/M |
| 42.90 | B/M | 2, 3, 12 | 154.935 | B/M |
| 42.92 | B/M | 2, 3, 12 | 154.95 | M |
| 42.92 | B/M | 2, 3, 12 | 155.01 | B/M |
| 42.94 | B/M | 2, 3, 12 | 155.07 | B/M |
| 44.62 | B/M | 2, 3, 12 | 155.13 | B/M |
| 44.66 | B/M | 2, 3, 12 | 155.19 | B/M |
| 44.70 | B/M | 2, 3, 12 | 155.25 | B/M |
| 44.74 | B/M | 2, 3, 12 | 155.31 | B/M |
| 44.78 | M | 2, 12 | 155.37 | B/M |
| 44.82 | M | 2, 12 | 155.415 | B/M |
| 44.86 | M | 2, 12 | 155.43 | B/M |
| 44.90 | M | 2, 12 | 155.445 | B/M |
| 44.94 | B/M | 2, 3, 12 | 155.46 | B/M |
| 44.98 | B/M | 2, 3, 12 | 155.475 | B/M |
| 45.02 | B/M | 2, 3, 12 | 155.49 | B/M |
| 45.06 | B/M | 2, 3, 12 | 155.505 | B/M |
| 45.10 | B/M | | 155.52 | B/M |
| 45.14 | B/M | | 155.535 | B/M |
| 45.18 | B/M | | 155.55 | B/M |
| 45.22 | B/M | | 155.565 | B/M |
| 45.26 | M | | 155.58 | B/M |
| 45.30 | M | | 155.595 | B/M |
| 45.34 | M | | 155.61 | B/M |
| 45.38 | M | | 155.625 | B/M |
| 45.42 | B/M | | 155.64 | B/M |
| 45.46 | B/M | | 155.655 | B/M |
| 45.50 | B/M | | 155.67 | B/M |
| 45.54 | B/M | | 155.685 | B/M |
| 45.62 | B/M | | 155.70 | B/M |
| 45.66 | B/M | | 155.73 | B/M |
| 45.70 | B/M | | 155.79 | B/M |
| 45.74 | M | | 155.85 | M |
| 45.78 | M | | 155.91 | M |
| 45.82 | M | | 155.97 | M |
| 45.86 | B/M | 11 | 156.03 | M |
| 45.90 | B/M | | 156.15 | M |
| 45.94 | B/M | | 156.21 | B/M |
| 45.98 | B/M | | 158.73 | B/M |
| 46.02 | B/M | | 158.79 | B/M |
| 154.65 | M | | 158.85 | B/M |
| 154.665 | B/M | 12 | 158.91 | M |
| 154.68 | B/M | 12 | 158.97 | M |
| 154.695 | B/M | 12 | 159.03 | M |
| 154.71 | M | | 159.09 | B/M |
| 154.725 | B/M | | 159.15 | B/M |
| 154.74 | B/M | | 159.21 | B/M |
| 154.755 | B/M | | | |

| | | | | |
|---------|-----|--|--|--|
| 453.05 | B/M | | | |
| 453.10 | B/M | | | |
| 453.15 | B/M | | | |
| 453.20 | B/M | | | |
| 453.25 | B/M | | | |
| 453.30 | B/M | | | |
| 453.35 | B/M | | | |
| 453.40 | B/M | | | |
| 453.45 | B/M | | | |
| 453.50 | B/M | | | |
| 453.55 | B/M | | | |
| 453.60 | B/M | | | |
| 453.65 | B/M | | | |
| 453.70 | B/M | | | |
| 453.75 | B/M | | | |
| 453.80 | B/M | | | |
| 453.85 | B/M | | | |
| 453.90 | B/M | | | |
| 453.95 | B/M | | | |
| 460.025 | B/M | | | |
| 460.050 | B/M | | | |
| 460.075 | B/M | | | |
| 460.100 | B/M | | | |
| 460.125 | B/M | | | |
| 460.150 | B/M | | | |
| 460.175 | B/M | | | |
| 460.200 | B/M | | | |
| 460.225 | B/M | | | |
| 460.250 | B/M | | | |
| 460.275 | B/M | | | |
| 460.300 | B/M | | | |
| 460.325 | B/M | | | |
| 460.350 | B/M | | | |
| 460.375 | B/M | | | |
| 460.400 | B/M | | | |
| 460.425 | B/M | | | |
| 460.450 | B/M | | | |
| 460.475 | B/M | | | |
| 460.500 | B/M | | | |
| 460.525 | B/M | | | |
| 460.550 | B/M | | | |

16

9) This frequency is shared with the Local Government Radio Service.

10) The maximum output power of any transmitter authorized to operate on this frequency, after June 1, 1956, shall not exceed two watts. Licensees holding a valid authorization as of June 1, 1956, for base or mobile operation on this frequency, with a power in excess of two watts, may continue to be authorized for such authorization without regard to this power limitation.

11) This frequency is reserved for assignment to stations for intersystem operations only: Provided however, that licensees holding a valid authorization to use this frequency for local base or mobile operations as of June 1, 1956, may continue to be authorized for such use.

12) This frequency is reserved primarily for assignment to state police licensees. Assignments to other police licensees will be made only where the frequency is required for coordinated operation with the state police system to which the frequency is assigned. Any request for assignment must be supported by a statement from the state police system concerned indicating that the assignment is necessary for coordination of police activities.

14) This frequency is available nationwide for use in police emergency communications networks operated under statewide law enforcement emergency communications plans. Operations authorized on this frequency which are not in accordance with this limitation may continue until January 1, 1985.

16) This frequency is available in this service on a shared basis with all other Public-Safety Radio Services.

18; 20
18, 20

18) This frequency is shared until March 1, 1986, with the Fire Radio Service Licensees authorized for its use prior to July 16, 1974, and operations in the Police Radio Service are on a secondary basis to such Fire Radio Service use.

20) Until March 1, 1986, Use of this frequency is on a secondary basis to Special Emergency licensees authorized prior to April 16, 1976.

Hank Holbrook 7211 Chestnut Street Chevy Chase, MD 20815 reports:

| | | | | |
|--------------------------------|----------------------|-------------------|--|--------------------------------|
| <u>3-20-83</u> 0130 | PH-BUI | 132.02 | Washington, DC | KLM Royal Dutch Airlines |
| <u>3-12-83</u> 2154 | N108WA | 132.02 | Baltimore, MD | World Airways Inc. |
| <u>4-6-83</u> 0145 | N12302 | 132.07 | Unknown | TWA Flight 411 |
| <u>4-16-83</u> 2147 | N179AR | 132.02 | Unknown | Security Pacific Bank |
| <u>4-19-83</u> 0003 | N180AR | 132.02 | Washington, DC | Atlantic Richfield Co |
| <u>4-26-83</u> 1841 | N13 | 132.02 | Washington, DC | Department of Transportation |
| <u>5-1-83</u> 1656 1656 | WRX 4443 WRX 4443 | 156.80 157.10 | Annapolis, MD Annapolis, MD | RUPTURED DUCK RUPTURED DUCK |
| <u>5-5-83</u> 1119 1119 | N77P N77P | 132.02 134.15 | Fredrick, MD Fredrick, MD | AMP Inc. AMP Inc. |
| <u>5-9-83</u> 1115 | N1VA | 132.02 | Baltimore, MD | Commonwealth of Virginia |
| <u>5-12-83</u> 2253 | N26GW | 132.02 | West Virginia | Gulf & Western Industries |
| <u>5-18-83</u> 0105 | N856W | 132.02 | Philadelphia, PA | Travelers Corporation |
| <u>5-20-83</u> 2244 2244 | WRU 9599 WRU 9599 | 156.80 156.565 | Deep Water Point, MD Deep Water Point, MD | REAL ESCAPE REAL ESCAPE |
| <u>5-22-83</u> 1555 | WZF 6875 | 156.80 | West River, MD | FORCE 4 |
| <u>5-28-83</u> 1804 1830 | WYQ 5612 WRX 8646 | 156.80 156.80 | Bay Bridge, MD Curtis Bay, MD | TIPSY-TOO NIKIRIMI |
| <u>5-29-83</u> 1542 | WXB 2317 | 156.80 | Rose Haven, MD | HAPPY 10 |
| <u>5-30-83</u> 1532 1540 | WYQ 3421 WYR 2318 | 156.80 156.80 | West River, MD Rose Haven, MD | MELLOW FIVE II TRINITY |
| <u>6-5-83</u> 1605 1638 | WRW 8631 WXF 2846 | 156.80 156.80 | South River, MD Herring Bay, MD | SLO-SCREW PIASTOLE |

EASTERN TV-DX

William J. Draeb
Ellis St. R.R.#2
Kewaunee WI
54216

September 1983

Deadline: 1st

Steve Sprachman: 3939 Eve Drive, Seaford, NY 11783

It's about time I send in another report. The month of May was highlighted by a 17 day trip to Europe. We made our way through 8 countries. I was able to watch TV in 3 of those countries. TV in European hotels is not that common. Two, in Brussels and Chur(Switzerland) had TV's in the room. Vienna and Nice had TV's in the lobby. I got yelled out by the night clerk in Nice for playing with the set.

In Belgium, we were able to get stations from the Netherlands, West Germany, and France. The American programs on Belgium's Dutch Network were in English with dutch subtitles. Every where else the programs were dubbed. In Vienna I saw Jimmy Stewart speaking German! French TV was slightly risque. One commercial for sun tan oil had a topless woman (yes, some of the women go topless on the beaches of the Riviera). Swiss and Austrian TV was very conservative. Before there was a hint of any possible sex, they would cut to the next scene. Austrian TV has 2 networks, both German. Swiss TV has 4 nets, German, French, Italian and Romansch. In Italy, the government has 3 networks, plus there are literally hundreds of private commercial stations. France has 3 government networks. Each country has several "TV Guide" like magazines. In all countries but Italy, programs are listed by network. In Italy, one magazine lists the programs by stations and they have several localized editions. The channel system of TV Guide is not known in Europe.

Back home, the DX situation has picked up. My channel 59 was on a couple of days in the beginning of June. Then it had not returned until yesterday. Still, they do not I.D. It's all very strange.

In June, there were several days of good tropo and Es. Sates with tropo - June 3,10,12,14,15,17,21,22,23,30, July 1 (I think I messed a super tropo weekend for the 4th of July weekend by going away to Vermont). Dates with Es- June 3,21,26,27,28. Highlights: June 12; Tr 1:00 a.m.-W59AA-59. WVIT xltr seen. (Strange - are they on when the mystery ch.59 is off? What will happen to the trans. when WTUV-59 does go on the air?). June 28 Es 1800 WSAV-3 (new); first time seen, with several I.D.'s. June 30 Super Trop. 1900-2300; re-logs from coastal MD and VA plus WRUH-35 Richmond VA. No I.D. seen but ads from Richmond seen.

Well, that's it for now. By the time you read this, the ANARC convention will be a memory. I hopefully will be seeing many WTFDA members there. I'm the one with the WTFDA T-shirt. And I hope that all who attend the WTFDA convention have a good time. For me, it's only one convention a year.

One last thing - expect an address change. As of mid-August, I'll be come an apartment dweller. If the land lord lets me put an antenna on the roof, I'll be O.K. I'll be moving closer to the Big Apple. I'll be about a mile from Mid-town Manhattan. All I'll say is that it will be an experience DXing there and I'll be trying my best.

Frank Wheeler: 6589 Wattsburg Rd., Erie, PA 16509 EDT

| June 1983 | July 1983 | July 1983 |
|---------------------------|---------------------------|---------------------------|
| 28 Es 1302 KSNC-2 KS 1015 | 1 Es 1303 CKND-2 MB | 12 Es 1630 KAMR-4 TX 1271 |
| 1330 KLINE-3 NE 1016 | Minnedosa | 14 Es 1828 WDAF-4 MO 779 |
| 1400 KDUH-4 NE 1138 | 3 Es 1000 KDFW-4 TX 1117 | 1832 KSNC-2 KS 1015 |
| 1430 KOA-4 CO 1292 | 12 Es 1200 KPRC-2 TX 1210 | 18 Es 1028 WWL-4 LA 1005 |
| 2200 KTWO-2 WY 1322 | 1500 WPRF-2 FL 1098 | 24 Es 2100 KPRC-2 TX 1210 |
| 2201 KWGN-2 CO 1292 | 1600 WRZL-2 LA 1159 | 2130 WCBI-4 MS 943 |

CKND-2 was received on a 12" GE (1963) portable as the big set was being repaired. Also the last two. The big set was repaired but broke down again. Afraid I missed a lot of good DX.

I intend to meet some of the fellow DXers at WQLN Friday on their tour of the convention, then go to Bob's for Fri. until about 1700 as that is the only time I can attend. Maybe I'll meet you there. (Not this time-wd)

Eastern TV-DX Wheeler; continued--- **September 1983**
 I received a good picture of CKND but was so surprised that I missed the city it is located in and I had a good report for them but couldn't send it as I didn't know what city it was in. A new station, so it wasn't in any of my logs.

Tom Yingling; 221 Pinewood Road, Baltimore, MD 21222 EDT?
 I got a report at last for Eastern TV-DX. What really is that I got time to type up my loggings of this summers skip season so far. I should bother more with my DX loggings, but mostly just DX, & don't bother to log, just my swl DXing of rty stations for the other clubs I'm in. Well here goes.

| | | |
|--|--|--|
| April 1983 | June 1983 | July 1983 |
| 2B Tr 0100 WTEY-54 NY (ex-WFTI) 0120 Mystery-59 (cb/w 59) | 8 Es 1800 KMTV-3 NE 26 Es 2030 KXJB-4 ND 27 Es 1600 KMTV-3 NE 1630 WOVT-6 NE 1635 KDLO-3 SD Tr 2100 WCVW-57 VA 2110 WTVR-6 VA Es 2130 WBRZ-2 LA 2140 KATC-3 LA 28 Es 1800 CHET-3 NS 1830 CJCB-4 NS muf 101.1 1900 NTV-3 Cuba 1910 NTV-6 Cuba | 29 Es 2030 WCIX-6 FL 2035 NTV-6 Cuba July 1983 3 Es 1600 WCIX-6 FL 1630 WEAR-3 FL 1635 WEDU-3 FL 1700 KBTX-3 TX muf101 9 Es 1800 NTV-6 Cuba 1810 NTV-3 Cuba 1830 WEAR-3 FL 94.3 14 Es 1600 KMTV-3 NE 1610 KYTV-3 MO 1700 KSNB-3 NE Superior 1705 KHAS-5 muf 107.7 |

June 1983
 5 Es 1700 "Adam 12"; ch.5.
 1705 KAUZ-6 TX
 1730 KYTV-3 MO; muf 94.5
 8 Es 1600 WEAR-3 FL
 1620 KFSM-5 AR muf 94.1
 1700 KATC-3 LA
 1720 KRAL-6 LA
 1730 KSNB-3 KS
 Wichita

Receiver: Sony Trinitron model KV-1214 12" using Channel Master model 1114 and Finco 5' dish with Blonder Tongue CMA-Ub.

Well, I finally got around to report my DX. I got into a bad habit of not logging my regular TV watching and DX. It's kind of hard to

keep up with yourself when you are DXing PSB, SWL, RTTY, and CW, and TV and FM. I follow the skip as it goes up in freq from the scanner to TV then FM, and when the skip dies down, its FM, TV, and then last the scanner police skip DX. After its all over, I have a pile of DX notes, and too tired to log my DX, to the next day when hopefully I have time to report to stations before the skip comes again. Does anybody else have this problem? Well, that's it for now. Hopefully will get some good long haul UHF tropo this fall again. '73's.

Richard Reese; 421 Marion St., Jersey Shore, PA 17740 EDT

| | | |
|---|---|---|
| June 1983 | June 1983 | July 1983 |
| 27 Es 1556 WPBT-2 FL 1100 1600 WEDU-3 FL 980 1622 WESH-2 FL 875 1631 WTVY-4 AL 840 1646 KQTV-2 MO 940 1657 KMTV-3 NE 985 1658 KGAN-2 LA 760 1659 WCHI-4 MS 825 1705 KIMT-3 IA 845 1718 KDLO-3 SD 1040 1727 WCCO-4 MN 865 1744 KXJB-4 ND 1115 1913 WESH-2 FL 875 1928 WJXT-4 FL 1810 1959 WCBQ-2 SC 615 2059 WDIQ-2 AL 885 WKRK-5 AL 960 2101 WEAR-3 FL 950 28 Es 0958 KENW-3 NM 1105 1015 KSNB-2 KS 1170 1159 KHAS-5 NE 1115 KSNB-4 NE 1110 KLNE-3 NE 1175 1230 KQTV-2 MO 940 1258 KWNB-6 NE 1255 Hayes Center | 28 Es 1301 KFDX-3 TX 1280 1334 KNOP-2 NE 1240 1459 KTVI-2 MO 725 1500 KJRH-2 OK 1075 1532 KSNB-4 NE 1110 1655 ICR6-3 CU 1330 1743 WESH-2 FL 875 1750 WIPM-3 PR t WAPA-4 PR t 1801 WKAQ-2 PR 1680 1806 WCCO-2 SC 615 1807 WTVJ-4 FL 1100 WPTV-5 FL 1035 1827 WWL-4 LA 1075 1929 WWAY-3 NC 500 Wilmington 29 Es 2130 KXAS-5 TX 1260 WERZ-2 LA 1090 | 3 Es 1759 KPRC-2 TX 1305 1930 WEAR-3 FL 980 1938 WDSU-6 LA 1075 1940 WWL-4 LA 1025 2000 KFDX-6 TX 1235 2059 KCEM-6 TX 1335 2039 KXAS-5 TX 1260 2045 KRAL-6 LA 1110 2258 WERZ-2 LA 1090 2259 KDFW-4 TX 1235 WTVY-4 AL 840 4 Es 0855 WDAF-4 MO 945 0858 KQTV-2 MO 940 0859 WNGE-2 TN 625 0917 WREG-3 TN 820 0925 WSIL-3 IL 660 0930 KYTV-3 MO 910 KARK-4 AR 945 0946 WESH-2 FL 875 1001 WERZ-2 LA 1090 1014 WEAR-3 FL 950 5 Es 1759 WPBT-2 FL 1100 1859 KATC-3 LA 1150 KOET-3 OK 1085 1920 WERZ-2 LA 1090 1926 WWAY-3 NC 500 |

Eastern TV-DX Reese; continued--- **September 1983**
July 1983
 5 Es 1929 WFTV-3 NC 470
 WESH-2 FL 875
 1936 WRBL-3 GA 750
 1941 WTVJ-4 FL 1100
 1959 WFTV-5 FL 1035
 WCIX-6 FL 1100
 2059 KALB-5 LA 1105
 2159 KLNE-3 NE 1175
 KNOP-2 NE 1240
 6 Es 1500 WWL-4 LA 1075
 8 Es 2116 KETS-2 AR 945
 2126 KSNB-4 NE 1110
 2127 KLNE-3 NE 1175
 2159 KJRH-2 OK 1075
 1915 KGAN-2 IA 760
 2025 ICR6-3 CU 1330
 12 Es 1000 WWL-4 LA 1075
 WBRZ-2 LA 1090
 1011 WEAR-3 FL 950
 1017 WPTV-5 FL 1035
 1045 WKRK-5 AL 960
 1059 KATC-3 LA 1150
 1130 KTBS-3 LA 1110
 1304 WLET-3 MS 955
 1415 WCIX-6 FL 1100
 1546 WTVY-4 AL 840
 1600 KJMC-4 TX 1225
 1659 KPRC-2 TX 1305
 14 Es 1550 WPBT-2 FL 1100
 1716 WBRZ-2 LA 1090
 1728 KYTV-3 MO 910
 1730 KTVI-2 MO 725
 1735 KMOX-4 MO 725
 1800 KSDK-5 MO 725
 1826 KOTV-6 OK 1075

July 1983
 14 Es 1920 KSNW-3 KS 1105
 1929 KMOS-6 MO 885
 16 Es 0943 KETS-2 AR 945
 0959 WBRZ-2 LA 1090
 18 Es 1315 KSNB-2 KS 1170
 1328 WMAB-2 MS 865
 1728 WESH-2 FL 875
 1730 WEDU-3 FL 980
 1923 KPRC-2 TX 1305
 1958 WBRZ-2 LA 1090
 19 Es 1830 KUSD-2 SD 1020
 0959 " " "
 23 Es 1016 KQTV-2 MO 940
 1029 KCTV-5 MO 945
 (ex-KCMO)
 WDAF-4 MO " " "
 1100 WEAR-3 FL 950
 WCBT-4 MS 825
 1128 WABG-6 MS 895
 1130 KFSM-5 AR 1020
 1200 WLET-3 MS 955
 1228 WRBL-3 GA 750
 1230 WTVY-4 AL 840
 1258 WDSU-6 LA 1075
 1259 WDIQ-2 AL 885
 WWL-4 LA 1075
 24 Es 0829 WTVJ-4 FL 1100
 0831 ICR6-3 CU 1330
 0905 WCTV-6 GA 860
 0958 WPBT-2 FL 1100
 1000 WTVY-4 AL 840
 WCIX-6 FL 1100
 1004 WPTV-5 FL 1035
 1030 WESH-2 FL 875
 1055 WAGA-5 GA 660

July was much better Es-wise than June, especially in the last half of the month when there were a couple of big openings. About that Unided TP on 7/23 (I didn't put it in-wd), I've seen it numerous times on Ms, but never have identified it. I strongly suspect WSJK or WUND. I personally hope it was WUND because it would be my shortest Es ever.

Steve West; 432 Kenmore Rd., Havertown, PA 19083 EDT?

| | | |
|--|---|---|
| May 1983 | June 1983 | June 1983 |
| 25 Tr 2200 WITN-7 NC 28 Tr 2100 " " 2300 WUNM-19 NC 29 Tr 0145 WPDE-15 SC 475 0200 WJCL-22 GA 635 WPTF-28 NC 0230 WOLO-25 SC 525 WBTW-13 SC 475 | 14 Tr 0900 WKFT-40 NC v5 WPDE-15 SC v3 2200 WUNM-19 NC v2 WSEE-36 RI v1 15 Tr 0930 WITN-7 NC v3 Es 1000 Colorvision-2; Dominican Rep. Tr 2200 Norfolk U's v5 16 Tr 0930 WKFT-40 NC v3 18 Tr 0930 WUNK-25 NC v3 Es 1230 WMAB-2 MS 26 Es 1145 unided-2 | 12 Tr 1020 WTBS-17 GA v1 WFTV-30 GA v4 WANX-46 GA v2 WLTZ-38 GA v2 2240 WAWA-30 FL v1 WJKS-17 FL v1 WJWJ-16 SC v2 13 Tr 0800 WGXA-24 GA v5 WLTN-19 SC v5 0850 WAGT-26 GA v5 0900 WLTZ-38 GA 590 0930 WHKY-14 NC v5 |

July 1983
 2 Es 2000 Texas FM's
 23 Es 1130 KARK-4 AR
 muf 107.1
 24 Es 1100 Miami FM's
 muf 107.9

From Kitty Hawk, NC;
June 1983
 11 Tr 2330 WOLO-25 SC
 12 Tr 0200 WJCL-22 GA v5

Savannah was received here for the second time. They had a telethon. First reception was in April of 1976. Heavy fades for an hour, then Raleigh and Savannah were gone. The June 15th reception of Colorvision was steady for over two hours with local Spanish talk shows.

I know two people who bought Sears 9" b&w TV's on sale for \$89 #56450221250 and they overload easily on an 8 bay and Radio Shack amp 20 miles from Philly U's. The amp works well on other sets.

I finally bought a cozx switch for UHF for about \$15. It has .2 db inserti on loss and 80 db isolation which works better than expected. It's made in Tai- wan and distributed by Aim Electronics of Ft. Lauderdale, FL.

On June 11th I visited Duck, NC near Kitty Hawk, NC for a few days and logged a few years of DX. Jim Alexander rented a place and installed a 4 bay antenna and a Winegard AC-4990 amp and logged Boston, CT, RI day and night. Phila- delphia was so strong it gave adjacent channel interference. The weather was usual, New England was in a heat wave and N.C. was cooler than normal. FM reception was from N.W. Connecticut to Savannah, GA. I noticed a WHERO-15 signal on ch.48 another xltr? Jim logged a pay TV on ch.33 at 1:00 a.m., no barker, could this be Dallas, TX? Speaking of translators while driving thru northern Virginia penninsula the car radio reception was terrible, even at the beach the water path didn't help the Norfolk FM reception at 100 miles. Jim Alexander also mentioned the poor reception while driving through at different times. The VA penninsula translators must be on very tall towers, they inter- fere in PA and NC.

WKBS-48 Philadelphia is suppose to go off the air Aug 31 if Field Communicat- ions doesn't find a buyer. WNVF-53 Goldvein, VA is still on the air.

On 7/24 at 2130 EDT I received Port Arthur, TX on 98.5 with another station with a Spanish announcer and then a soft ballad Spanish song. I wonder if a U.S. station would have a Spanish show on Sunday nights? XHQK 98.5 is the same direction. Do Mexican FM's keep logs? I wonder if they would understand an English letter? Do U.S. stations still keep logs for the FCC? I thought I heard the rules are less strict on keeping logs.

Eric Fader; 23-35 Bell Blvd., Bayside, NY 11360 EDT?

Table with columns for dates (May 1983, June 1983, July 1983) and station call letters (e.g., Es 2150 Cuba-3, 2200 WEDU-3 FL, 26 Es 1802 WRBL-3 GA, etc.)

Bob Seybold; Bennett Road, Dunkirk, NY

A report now as I am getting ready for the convention and no time later. This report will be somewhat condensed as there has been a huge amount of tropes, some Es but not nearly what one would expect. I hope tropes has been good for you (nothing much to excite me here-wd). I'm sure it has been. I'm up to (total given-wd) now with new ch.66 in Detroit (you mean Flint-wd) the latest new one. Big tropes opening on July 7-8 but really there has some tropes of some sort every day in July.

July 3 - Es, super opening into Texas, Oklahoma, Louisiana and Gulf Coast, also New Mexico. Reached extreme southern Texas with double-hop; all low band Houston, Ft. Worth, Midland, Temple, Wichita Falls, San Antonio, Lubbock, Bryan, etc, stations also in New Orleans, Baton Rouge, Shreveport in also. Portales on 3, Weslaco (only second time seen) and many others in.

July 4 - Es KTBS-3, KATC-3, WBRZ-2 and others.

July 6 - Es Nebraska, Kansas; some tropes to 400 mi on July 3-6 mostly IN & MI.

July 7 - Tr beginning of a super opening; Madison U's 15,21,27 super; Milwaukee 18 & 36; Green Bay 26 & 38; Chicago U's 26,32,38,44,60,66; Rockford 17&39; Olney-16, WICD-15; Peoria U's, S.Bend U's, MI U's 14,17,19,23,25,28,31,35,41, 47,66; Toledo U's; WGGN-52,WGSF-51, all Pittsburgh U's, WTAP-15,WVAH-23, also 33,41,48 (last 2 xlters); Ohio U's 14,16,17,18,20,22,24,26,30,34,42,44,45,48,49, 51,57,67; xlters 55,58,64,65&67. WKMR-38, WLEX-18 + Lexington 27,36,46& Hazard 57; WKPI-22; Memphis-30(new).

July 8 - Tr continuing from 7th; all night and A.M. tropes these top loggings seen: 0500-0800 WPTF-28; Huntsville 19,31,48; WKPT-19; MD U's 22,25,28,31,36; WTVK-26(snow free); WRIP-61(now WDSI-wd),WVAH-27,WHIZ-18, WVAH-23, WTAP-15, WLKY-32, WDRB-41; Canton 17,67; all Chicago U's. Dayton 16,22; WTJC-26, WOSU-34 WCET-48, WNEO-45, WOUC-44, WOUB-20; all MI U's; WKYH-57, WGRB-34(new); WKOH-31 Lexington 18,27,36,46 super; WVTY-18, WGSF-51, WPEO-42; WV xlters 41&48. Hunt- ington 33; WGGC-16(new; first SC U ever); WRET-36(now WPCQ-36-wd)(new), WANC- 21(new), WCCB-18(new), WNOK-19(new) and other closer U's too many to list.

July 9 - Tr A.M. WLFI-18, WNDU-16; evening good WUHQ-41, WVTA-41, WNPI-18, WNDU-16, WGGN-52, Canton 17,67.

July 10 Tr A.M. super opening to Lima, Bowling Green 27,35,44,57; WPTA-21, WKJG-33, WUHQ-41, WEYI-25, WFUM-28, WIHT-31, WKIX-19, WNDU-16, WTJC-26, WKFF- 22, WHMB-40.

July 12 Tr A.M. WTAP-15, WHIZ-18; Canton 17,67; Wheeling xltr 41; Pittsburgh U's 22,40,53. Evening, super, S.Bend, Chicago 26,32,38,60; Indianapolis 40; Dayton 22; Lima 44; Bowling Green 57, WGGN-52; MI U's 19,23,25,28,31,41,47, 67; Milwaukee 18,36; Toledo 24,30; WOSU-34; Ft. Wayne 15,21,33,39,55.

July 13 Tr Ft. Wayne U's, S.Bend U's; WLFI-18, WICD-15, WCFC-38, WNEO-45, WHMB- 40, WRAU-19, WKOI-43.

July 11,14-23 Tropes good on all days of this period, such as Chicago U's, Green Bay, Michigan U's, S.Bend, Ft. Wayne, Richmond-43, Muncie-49, Ohio U's, Scranton, Elmira, Binghamton, Pittsburgh, Utica, Watertown seen frequently. Also, occasionally 33 & 40 from Ottawa, Milwaukee, Madison; also northern Mi- chigan U's. Some Es in this period, especially on the 21st,22nd,23rd-WBRZ-2, KATC-3, WEDU-3, etc.

July 24 Es good channels 2-6 to Florida; 0900-1300.

Jeff Kadet; Box 20, Macomb, IL 61455

Thumbing through a recent VUD, I noticed you asked how high a stack of them would be, minus issue #1. Well, being an incurable packrat, am enclosing a photocopy of my copy of #1. (Thanks, I appreciate it.-wd)

I spoke to you on the phone a month or so ago about UHF preamps. Still haven't decided on one yet. Am trying to find some one who has compared the CMA-Ub to the CMA-Uc to see whether it is any better on overload.

Also, although FM DXing seems to be okay here in Macomb, TV has not been the greatest due to cable radiation which is slowly being cleaned up by the cable

This location is useless for UHF, tho, as there are 70' trees in almost all directions. Am slowly looking at the 'for rent' ads to see if I can find a house in a better UHF location.

This morning I saw Es for the earliest time ever seen by me. Between 0200-0215 it came out of nowhere (Frank Merrill was here at the time). There were color bar TP's on chs.3 and 4 with the ant. to the NW, and a station on ch. 2 talking about Canadian sports with mention of Sask. Wonder if all this hot weather has brought you any super catches? (Not here.--wd)

Bill Fahber; 336 Atlantic St., Bridgeton, NJ EDT

June 1983 June 1983 June 1983
1 Tr 2200 MVVC-56 VA 113 11 Es 1955 muf ch.3; W 15 Es 1300 Cuba ch.3
Fairfax 2001 muf ch.4 1400 Cuba ch.4
3 Es 1700 muf ch.4 2016 ABC ch.2
1708 WDAF-4 MO 1034 2040 " " " Tr 2030 Tidewater & Onan-
1714 KSNB-4 NE t cock all in. Hvy
1720 KTWO-3 MO 891 cci flutter on
1725 KMTV-3 NE 1100 W25AA, but I think
1800 WDAF-4 again 2128 ABC-2 driv- they're xmitting it
1803 KJRH-2 OK 1139 me up a wall! that way.
4 Es 1115 Unided-2 Tr 2040 Virginia 10,27, 16 Tr 2300 Tidewater &
1120 CBS-2; "Fred WUNM-19 in strong.
Mc Lead" news. 2122 WUNM-19 NC 345 21 Es 1924 WBEM-2 IL 671
5 Es 2004 KOET-3 OK t 2204 WITN-7 NC 242 1930 muf ch.3
2028 NBC-2; 8hz cci 2320 W68HH VA 130 2031 KTIV-4 IA 1113
over WMAZ. 2330 WVEC-13 VA 192 2100 KMTV-3 NE t
7 Es 2100 Unid-2&3; SW 14 Es 1556 ccci onch2 for 22 Tr 2300 Tidewater, Rich-
WEDU-3 FL 896 a few minutes. mond, WUNM all
8 Es 1740 Unide-2-6 Tr 2250 Tidewater 10,13, strong. Onancock
WEDU-3 FL t weak. Also WDPB-64 KXJB-4 ND; cci ch.5
WPBT-2 FL t 2300 WEDN-53 CT 217 27 Es muf ch.4
1756 KFSM-5 AR 1081 WGGB-40 MA 237 27 Es muf ch.4
1806 KJRH-2 OK t WSHK-38, WSRB-36, WVIT-30, WYXX-20 28 Es KOET-3 t
1811 KTVY-4 OK 1245 WDCD-19, 2311 WHCT-18, WONE-25. 2030 CBHT-3; 2036
2130 " " " CJCB-4
KJRH-2 " t
2154 fadeout
10 Es 1822 weak opening

June 1983 July 1983 July 1983
30 Tr 2300 WHCT-18 CT 206 3 Es muf ch.4; TX
WCDC-19 MA 249 2016 muf ch.6
WVIT-30 CT 202 2045 ch.2-6
WSBK-38 MA 290 all messed up.
WSRB-36 RI
Tidewater & Onancock

George Rogers; 320 Lafayette Rd., Chickamauga, GA 30707

6/27 Es 1330 CKND-2-2; 1426 KWGN-2 CO; 1625 KUSD-2 SD; 1658 CKRN-4 PQ; 1723
CKCW-2 NB; 1745 WCHS-6 ME; 1750 WABI-5 ME; 1755 WLBZ-2 ME; 1800 WGH-2 MA; 1930
WLNE-6 RI; 2003 WCVB-5 MA; 2005 CHCN-6 NB Newcastle-Chatham; 2006 WCBS-2 NY;
2132 KDIX-2 ND; 2207 KXJB-4 ND; 2209 KDIT-5 SD (ex-KXON) Mitchell; 2210 KTIV-4
IA; 2214 CKPR-2 ON; 2215 KNOP-2 NE; 2219 KDUH-4 NE; 2227 KYCU-5 WY; 2247 KHAS-
5 NE; 2305 KGAN-2 IA; 2310 KTWO-2 WY; 2315 KAMR-4 TX.

6/28 Es 0820 KWGN-2 CO; 1004 KTWO-2 WY; 1006 KOA-4 CO; 1020 KNOP-2 NE; 1029
KOAA-5 CO; 1030 KRMA-6 CO; 1106 CKPR-2 ON; 1112 KAMR-4 TX; 1134 KTXT-5 TX; 1230
KYCU-5 WY; 1245 KTIV-4 IA; 1254 KUSD-2 SD; 1255 KDIT-5 SD; 1310 KDUH-4 NE; 1339
KDIX-2 ND; 1340 KXJB-4 ND; 1341 KFYR-5 ND; 1605 KTCA-2 MN; 1752 KGFE-2 ND; 1759
WGH-2 MA; 1814 WLBZ-2 ME; 1834 XHAA-4 Chis; 2120 XHRPM-2 Chis; 2220 KWSE-4 ND;
2228 CBWT-7-2 ON.

6/29 Es 1144 CKTV-2 SK; 1147 CKND-2-2 MB; 1153 CKPR-2 ON; 1215 KTCA-2 MN; 1225
WBAY-2 WI; 1306 KWGN-2 CO; 1307 KUSD-2 SD; 1322 KNOP-2 NE; 1324 KDUH-4 NE;
1337 KSNK-2 KS; 1402 XHPM-2 Chis; 1411 KMID-2 TX; 1545 WCCO-4 MN; 1609 KDIX-2;
1610 KXJB-4 ND; 1611 WDAY-6 ND; 2000 XHGL-4 Ve; 2035 KOA-4 CO; 2053 KGFE-2 ND;
2055 WBEM-2 IL; 2100 WOI-5 IA; 2105 KDIT-5 SD; 2110 KGAN-2 IA; 2115 CHFD-4 ON;
2120 KSTP-5 MN; 2127 KBJR-6 MN; 2135 KPRY-4 SD; 2139 KTIV-4 IA;

18 6-30 Es 1106 KWGN-2 CO; 1317 KUSD-2 SD; 1347 KTCA-2 MN; 1352 KOA-4 CO; 1358
WCCO-4 MN; 1359 KSTP-5 MN; 1415 KTIV-4 IA; 1419 KNOP-2 NE; 1423 KDUH-4 NE;

6/30 Es 1439 KTWO-2 WY; 1440 KDIT-5 SD; 1450 KIVV-5 SD; 1457 KPRY-4 SD; 1500
CKND-2-2 MB; 1525 KDIX-2 ND; 1527 KFYR-5 ND.

7/1 Es 1155 KMID-2 TX; 1932 CKND-2-2 MB; 1934 KGFE-2 ND; 1958 KXJB-4 ND; 2007
KDIX-2 ND; 2049 KIVV-5 SD; 2145 KNOP-2 NE.

7/2 Tr 0910 WANX-46 GA; 0920 WTVK-26 TN; 0945 WVIM-13 AL; 0950 WMAZ-13 GA;
1038 WATL-36 GA; Es 1345 KDIX-2 ND; 2250 CKND-2-2 MB; 2300 KGFE-2 ND.

7/3 Es 1230 XHRPM-2 Chis; 1235 XHGV-5 Ve; 1240 XHAI-5 Ve; 1242 XHTV-4 DF; 1253
WPBT-2 FL; 1255 XHAE-5 Coah; 1304 WTVJ-4 FL; 1308 TR-5 Cuba; 1310 ICR-4 Cuba;
1316 XHD-4 Tamps; 1345 KGHT-4 TX; 1400 XHZ-5 Que; 1425 KRGV-5 TX; 1435 KPRC-2
TX; 1455 KMOL-4 TX; 1500 XELN-4 Coah; 1522 KMID-2 TX; 1543 XEPM-2 Chih; 1555
KTXT-5 TX; 1601 KDBC-4 TX; 1620 KJRH-2 OK; 1622 KTVY-4 OK; 1624 KAMR-4 TX;
1645 KWGN-2 CO; 1855 KNOP-2 NE; 1935 KDUH-4 NE; 1945 KUSD-2 SD; 1948 KTIV-4 IA;
1951 KPLO-6 SD; 1952 KIVV-5 SD; 2005 KDLO-3 SD; 2010 KPRY-4 SD; 2015 KDIT-5 SD;
2021 WWT-6 NE; 2024 KHAS-5 NE; 2051 CKPR-2 ON; 2100 KSNB-4 NE; 2214 KXJB-4 ND;
2216 KGFE-2 ND; 2218 KDIL-3 MN; 2221 KSTP-5 MN; 2223 KTCA-2 MN; 2224 WCCO-4 MN;
2225 KAAL-6 MN; 2229 WDAY-6 ND; 2238 WFRV-5 WI; 2247 WBAY-2 WI; 2249 WTOM-4 MI.

7/4 Es 0825 CBFT-2 PQ; 0905 WLBZ-2 ME; 0910 CKCO-2-2 ON; 0925 CBOT-4 ON; 1000
XHRPM-2 Chis; 1435 KMID-2 TX; 2115 XHRIO-2 Tamps; 2158 KOA-4 CO; 2159 KWGN-2
CO; 2200 KGFE-2 ND.

7/5 Es 0820 XHRPM-2 Chis; 0920 KMID-2 TX; 1010 KWGN-2 CO; 1011 KOA-4 CO; 1012
KOAA-5 CO; 1018 KRMA-6 CO; 1114 KGHT-4 TX; 1820 KUSD-2 SD; 1830 KGFE-2 ND;
1923 CBFT-2 PQ; 1930 WKTV-2 NY; 2002 WLBZ-2 ME; 2100 CKGN-2-2 ON; 2104 CBHT-5
ON; 2105 CFCL-2-2 ON; 2108 WGRZ-2 NY (ex-WGR); 2109 CHNB-4 ON; 2115 CKPR-2 ON;
2120 CHFD-4 ON; 2123 CKCY-2 ON; 2143 KXJB-4 ND; 2153 WBAY-2 WI; 2228 CBWT-2-4 MB

7/6 Es 1235 KWGN-2 CO; 1320 WGH-2 MA; 1325 WLBZ-2 ME; 2140 KUSD-2 SD.

7/7 Es 1050 XHRPM-2 Chis.

7/8 Es 0951 CBFT-2 PQ; 0956 CKND-2-2 MB; 1000 KXJB-4 ND; 1002 KHAS-5 NE; 1003
KNOP-2 NE; 1004 KTWO-2 WY; 1005 KLNE-3 NE; 1006 KSNB-4 NE; 1008 KSNK-2 KS; 1010
KQTV-2 MO; 1014 KWNB-6 NE; 1015 KDUH-4 NE; 1035 KIVV-5 SD; 1045 KPLO-6 SD; 1105
KMOL-4 TX; 1106 KTVY-4 OK; 1107 KENS-5 TX; 1111 KJRH-2 OK; 1115 KOOC-5 OK; 1118
KWGN-2 CO; 1120 KOA-4 CO; 1130 KTMT-5 TX; 1132 KAMR-4 TX; 1134 KAUF-6 TX; 1142
KOAA-5 CO; 1149 KRMA-6 CO; 1205 KMID-2 TX; 1215 KDFW-4 TX; 1220 KAVE-6 NM; 1310
KWAB-4 TX; 1325 KDBC-4 TX; 1328 XEPM-2 Chih; 1330 XEL-5 Chih; 1331 KENW-3 NM;
2123 KFBZ-5 MT Great Falls; 2127 KYCU-5 WY; 2200 KPRY-4 SD; 2202 KUSD-2 SD;
2208 CKCY-2 ON; 2238 KNME-5 NM; 2239 KOB-4 NM;

7/9 Es 1240 XHRPM-2 Chis; 1300 CKPR-2 ON;

7-10 Tr 0135 WSFA-12 AL; 0830 WCFT-33 AL; Es 1350 WBAY-2 WI; 1424 CFCL-2-2 ON;
1455 CKPR-2 ON; 1505 KTCA-2 MN

7/11 Tr 0845 WTVW-7 IN; 1115 WBBJ-7 TN; Es 1802 TR-4 Cuba; 1807 WAPA-4 PR San
Juan; 1818 XEW-2 DF; 1820 XHGC-5 DF; 1823 XHTV-4 DF; 1900 XHRPM-2 Chis; 1910
XHZ-5 Que; 1916 XHTI-6 Pue; 1925 XHGV-4 Ver; 1930 XHAI-5 Ver; 1950 XHGE-5 Camp;
1953 XHD-4 Tamps; 2018 KPRC-2 TX; 2054 KGHT-4 TX; 2055 KRGV-5 TX; 2056 XHRIO-2
Tamps; 2205 KMID-2 TX;

7/12 Es 0900 WGH-2 MA; 0950 KSNK-2 KS; 1010 KGHT-4 TX; 1020 KRGV-5 TX; 1030
KPRC-2 TX; 1200 KRIS-6 TX; 1230 WESH-2 FL; 1232 WPBT-2 FL; 1234 KENS-5 TX;
1248 KMOL-4 TX; 1305 KMID-2 TX; 1405 KWAB-4 TX; 1425 KJAC-4 TX; 1454 KAMR-4 TX;
1456 KTXT-5 TX; 1525 XEPM-2 Chih; 1526 KDBC-4 TX; 1550 KGAN-2 IA; 1600 KTCA-2
MN; 1610 KBJR-6 MN; 1628 KUSD-2 SD; 1650 KGFE-2 ND; 1847 KOAA-5 CO; 1903 KWGN
-2 CO;

7-13 Es 2015 CFCL-2-2 MN

7/14 Tr 1032 WATL-36 GA; 1035 WHMA-40 AL; 1045 WETV-30 GA; Es 1109 CKND-2-2 MB;
1205 KUSD-2 SD; 1230 KDIX-2 ND; 1237 KPRY-4 SD; 1300 KMID-2 TX; 1320 KTXT-5 TX;
1710 KGHT-4 TX; 1715 KRGV-5 TX; 1745 CHNB-4 ON; 1750 CFCL-3-2 ON; 1755 CFCL-6
ON; 1800 KNOP-2 NE; 1801 CKPR-2 ON; 1803 CICI-5 ON; 1809 CHFD-4 ON; 1832 WFRV-5
WI; 1835 WTOM-4 MI; 1840 WCCO-4 MN; 1845 KTCA-2 MN; 1852 KBJR-6 MN; 1856 KSTP-5
MN; 1900 KYCU-5 WY; 1910 WDAY-6 ND; 1912 KXJB-4 ND; 1912 KWNB-6 NE; 1923 KFYR-5
ND; 1925 CKX-5 MB; 1926 CBWT-2-4 MB; 1927 KWSE-4 ND; 1929 CBWT-6 MB; 1930 KGFE

7/14 Es 1940 CKY-7 MB Winnipeg (very weak); 2005 KWGN-2 CO; 2006 KDA-4 CO;
2045 KDUH-4 NE; 2053 KAMR-4 TX; 2055 KNME-5 NM; 2058 KOB-4 NM; 2113 KSNC-2 KS

7-15 Es 1720 KTCA-2 MN; 1722 KGFE-2 ND

7-16 Es 1005 KSNC-2 KS; 2048 KMID-2 TX

7-17 Es 1843 KNOP-2 NE; 1846 KSNB-4 NE; 1858 KHAS-5 NE; 1900 KDUH-4 NE; 2000
KWGN-2 CO; 2008 KSNC-2 KS

7-18 Es 0836 WIVB-4 NY; 0850 WGRZ-2 NY; 0905 WLBZ-2 ME; 0908 WCBS-2 NY; 0910
WCVB-5 MA; 0911 WBEZ-4 MA; 0912 WNEC-4 NY; 0930 WGEH-2 MA; 0936 WJAR-2 MD Bal-
timore; 0947 CBFT-2 PQ; 1003 CKND-2-2 MB; 1008 CKCY-2 ON; 1100 KWGN-2 CO; 1234
CKPR-2 ON; 1435 XHRPM-2 Chis; 1842 KGHR-4 TX; 1855 XHGL-4 Ver; 1912 KPRC-2 TX;
1927 KRGV-5 TX; 1930 XHGB-5 Camp; 2049 XHZ-5 Que; 2049 XHD-4 Tamps; 2058 KNME-
5 NM; 2103 KOB-4 NM; 2105 XHFI-5 Chih; 2243 KMID-2 TX;

7-19 Es 1105 XEPM-2 Chih; 1200 KUSD-2 SD; 1202 KTIV-4 IA; 1204 KDLT-5 SD;
1206 KPLO-6 SD; 1225 KPRY-4 SD; 1243 KIVV-5 SD; 1345 KTWO-2 WY; 1345 KTWO-2 WY;
1515 KWGN-2 CO

7-20 Es 0845 WPHI-2 FL; 0933 ICR-4 Cuba;

7-21 Tr 0815 WTVK-26 TN; 1030 WTBS-17 GA; 1105 WVIM-13 AL; Es 1740 CKPR-2 ON;
1742 KTCA-2 MN; 1745 CHFD-4 ON; 1825 WLBZ-2 ME

7-22 Es 1117 TR-4 Cuba; 1710 KPRC-2 TX; 1715 KMOL-4 TX; 1720 KENS-5 TX; 1845
KMID-2 TX; 1855 XEPM-2 Chih; 1913 KDCC-4 TX; 1918 KTXT-5 TX; 1940 KNME-5 NM;
1942 KOB-4 NM; 1944 KAVE-6 NM; 1952 KAMR-4 TX; 2102 KWGN-2 CO; 2217 KSNC-2 KS;
2220 KDA-4 CO; 2300 KNOP-2 NE; 2310 KTVY-4 OK; 2330 KJRH-2 OK

7-23 Es 0910 WLBZ-2 ME; 0935 CBFT-2 PQ; 1004 CHOT-4 ON; 1005 WKTU-2 NY; 1006
WIVB-4 NY; 1007 WGEH-2 MA; 1019 CKPR-2 ON; 1020 CKRN-4 PQ; 1032 WGSB-6 ME;
1034 WABI-5 ME; 1040 WLNE-6 RI; 1100 WTVH-5 NY; 1105 CHFD-4 ON; 1115 WGRZ-2
NY; 1155 CFPM-4 PQ; 1211 CKND-2-2 MB; 1225 TR-5 Cuba; 1230 WCBS-2 NY; 1232
WNEC-4 NY; 1235 WNEW-5 NY; 1238 WCVB-5 MA; 1240 WBEZ-4 MA; 1242 WRGB-6 NY; 1245
WFSB-3 CT; 1315 WFRV-5 WI; 1330 KTCA-2 MN; 1338 KDUH-4 NE; 1342 KPRY-4 SD;
1350 KYCU-5 WY; 1405 KNOP-2 NE; 1426 KUSD-2 SD; 1428 KTIV-4 IA; 1450 KSNB-4 NE;
1538 KTWO-2 WY; 1545 KHAS-5 NE; 1605 XHGC-5 DF; 1627 KWGN-2 CO; 1633 KDA-4 CO;
1637 KOAA-5 CO; 1705 KSNC-2 KS.

7-24 Es 1020 WCBS-2 NY; 1021 WRGB-6 NY; 1023 WNEW-5 NY; 1025 WNEC-4 NY; 1027
WLNE-6 RI; 1035 WBEZ-4 MA; 1040 WGEH-2 MA; 1038 WCVB-5 MA; 1105 KTXT-5 TX; 1130
KMID-2 TX; 1300 KNOP-2 NE; 1325 KDUH-4 NE; 1552 CBFT-2 PQ; 1900 WUND-2 NC Col-
umbia; 2058 KUSD-2 SD; 2100 KTIV-4 IA; 2105 KCTV-5 MO; 2109 KXJB-4 ND; 2119
WDAY-6 ND; 2120 KFVR-5 ND; 2121 KSNB-4 NE; 2125 KSNB-6 NE; 2126 KHAS-5 NE;
2138 KGFE-2 ND; 2144 KTVC-6 KS; 2145 KOAA-5 CO; 2203 KDFW-4 TX; 2204 KXAS-5 TX;
2205 KAUZ-6 TX; 2207 KPDX-3 TX; 2210 KAMR-4 TX; 2230 KJRH-2 OK; 2240 KOTV-6 OK;
2301 KSNC-2 KS; 2302 KDA-4 CO; 2303 KWGN-2 CO; 2304 KRMA-6 CO; 2307 KYCU-5 WY;
2310 KTVY-4 OK; 2315 KOCO-5 OK.

Top 20 stations logged on Es include #1 KMID-2 - 32 times and #20 KDIX-2 - 13
times.

One high band Es to report on July 14th got in CKY-7 in Winnipeg with a very
weak picture.

On July 11th I picked up WAPA-4 which had a soap opera on at the time. On July
8th I got KFBB-5 which was ABC on a one hour delay.

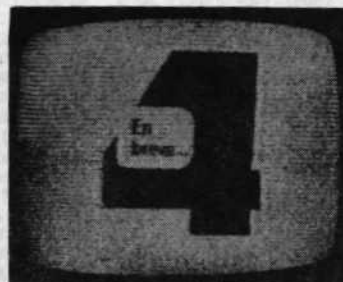
I'm very proud of that long 37 day Es streak that has just ended as of this
writing of my report and I know that record would stand forever.

I will not be able to attend the WFFDA convention in Dunkirk, NY this year but
please tell everyone that I'm thinking bout all of you.

PHOTO-NEWS

Mike Reid
109 Arjay Cres.
North York, Ont. M2L 1G6
CANADA

This month we look at some skip and tropes from various places
around and near the US. The best tropes is only 1100 miles this time...



WAPA-4 San Juan, PR, June 23/79
1300 mi. Es 2000 EDT (West)



WTBS-17 Atlanta, GA
1098 mi. Tr June 7/82
(Pizzi)



KJTV-14 Amarillo, TX
184 mi. Tr (Pizzi)



KTXT-5 Lubbock, TX
90 mi. semi-local (Pizzi)



WHO-13 Des Moines, IA
178 mi. Tr Mar. 12/83
(Purdue)

Photos from Jim Pizzi, Ron
Purdue and Steve West (who was
in Gainesville, FL when he saw
WAPA).

73's

Mike

WESTERN TV-DX

September 1983

Fred McCormack
Box 5221
State University Sta.
Fargo, ND 58105

Deadline: 10- 8-83

Es continued hot for Pizzi in New Mexico this period. Purdue caught some nice tropo and Stiles reports a decline in Es activity in Okinawa.

| New | New Mode | Tentative - t | Unidentified - unid. |
|--|--|---|--|
| Jim Pizzi, P.O. Box 1778, Lovington, NM 88260 (505)-396-3432 MDT | | | |
| June 1983 | | | |
| 22 Es 1956 | KATU 2 OR 1319 KGIN 6 OR 1319 | 27 tr 0900 KVTU 13 TX 441 (Plus, Austin 24, 36, Victoria 25, Browns- ville 23.) | 2 Es 1100 KBCI 2 ID 990 1104 KRIVT 3 MT NBC- 1230 KTQV 2 MT 900 1656 WSB 2 GA 1098 |
| | 2002 WTMO 2 IN 981 2100 KTVI 2 MO 824 | 0920 KORO 28 TX 505 Es 1930 WCCO 4 MN 968 2128 KTYM 6 MT 1004 2225 KFBB 5 MT 1062 2227 KOWY 5 WY 725 | 3 tr 0600-1000 Kansas City 41 and 50, OK U's, & Tulsa U's (With good sigs) |
| 23 Es 0915 unids | ch 2, 3 ne 2028 KOBI 5 OR 1224 2100 KBCI 2 ID 990 | 28 Es 0011 WDTN 2 OH 1152 0015 WCMH 4 OH 1215 0025 WLWT 5 OH 1125 0030 WTVT 6 OH 1728 CBWYT 2 MB 1328 (ID - "CBC Manitoba, Channel 6, Cable 2") | Es 1029 unid ch 2 east 1200 KNXT 2 CA 855 KEYT 3 CA 945 1300 WESH 2 FL 1346 WUFT 5 FL 1274 1309 WEAR 3 FL 950 WSB 2 GA 1098 1452 WNGE 2 TN 968 1600 WAGA 5 GA 1098 1629 KTVI 2 MO 824 1859 KTVI 2 SA 1188 2000 KDIX 2 ND 936 |
| 24 Es 0600 WPTV | 5 FL 1485 unids 2-4 east 0727 WEAR 3 FL 950 0730 WKRG 5 AL 936 0732 WTVY 4 AL 1067 0802 WCTV 6 GA 1148 0847 WAGA 5 GA 1098 0850 WBRC 6 AL 959 0900 WCFB 4 MS 864 (Had to go and do an installation, missed a lot of DX, FM too.) | 29 Es 1545 unids chs 2, 3 e 1620 unid ch 2 Mexico 1725 unids 2-6 Mexico 1739 WCCO 4 MN 968 1757 KTVI 4 IA 747 1800 XHZ 5 OR 840 (Off back of antenna; 2Es Iowa - Mexico?) | 4 tr 0700-0800 Houston U's Austin and D-FW U's. KAVU 25 TX 468 KEDT 16 TX 505 0929 KWEX 4 TX 380 Es 0929 WDTN 2 OH 1152 0930 KTCA 2 MN 968 0932 KDIX 2 ND 936 1328 WCFB 4 MS 864 1436 KTVU 2 CA 1116 1437 KRON 4 CA 1116 KPIX 5 CA 1116 2000 KNXT 2 CA 855 5 Es 0830 KITY 3 MO 635 0900 KDIX 2 ND 936 0929 KFVY 5 ND 927 0930 KDUH 4 NE 630 2100 KTVU 2 CA 1116 KSBY 6 CA 1004 KPIX 5 CA 1116 KRON 4 CA 1116 2129 KCRB 3 CA 1080 6 tr 0040 K0GGF 6 NM 91 (Clovis KVII-7, RARE) Es 0824 unids 2,4 Mexico 1820-2030 unids chans 2-6, Mexico. |
| 25 Es 1409-33 unids 2-6 e | 1434 unid ch 2 Mexico XHTit 6 MX 1436 WEAR 3 FL 950 WBRZ 2 LA 743 1500 WDIQ 2 AL 1008 WRBL 3 GA 1067 (Gone to FM - Chs 2-6 unintelligible.) 1800 WATE 6 TN 1125 2100 WOAY 4 WV 1292 2128 WDTN 2 OH 1152 2130 WCMH 4 OH 1215 WGRZ 2 NY 1472 2200 WTTV 4 IN 1059 | 30 Es 0830 WMAB 2 MS 828 0900 WCPX 6 FL 1359 1030 WTVY 4 AL 1067 1400 WBEM 2 IL 1049 1730 KGFE 2 ND 1058 1900 KTCA 2 MN 968 | 18 Es 1928 unid 2 ne Canada 1931 WAVE 3 KY 1049 1952 KGAN 2 IA 878 2000 WSMW 4 TN 968 2001 WSJK 2 TN 1170 2032 WVVA 6 WV 1274 2100 WLWT 5 OH 1125 tr 2102 KSPR 33 MO 635 2114 KMTC 27 MO 635 Es 2115 WDTN 2 OH 1152 2118 KTVI 2 MO 824 tr 2120 KOZK 21 MO 635 11 Es 1527 XEW 2 DF 960 1543 WESH 2 FL 1343 1627 XHTRM 4 ?? ??? 1630 WWL 4 LA 819 1700 WDIQ 2 AL 1008 WEDU 3 FL 1300 WTVY 4 AL 1067 1701 WBRZ 2 LA 743 WEAR 3 FL 950 1830 WCTV 6 GA 1148 1854 WJHG 7 FL (Heavy 20 kHz - KOSA) 2105 WCIV 4 SC 1359 2110 WJXT 4 FL 1300 2130 WFFF 4 SC 1206 2136 WSB 2 GA 1098 12 Es 0039 KTVI 2 MO 824 0859 WESH 2 FL 1343 WUFT 5 FL 1274 0928 CRND# 2 MB 1184 1233 WCIV 4 SC 1359 1729 WCMH 4 OH 1215 1731 WDTN 2 OH 1152 2100-2130 2-5 OR & WA 14 Es 0831 WESH 2 FL 1343 1256 KTVU 2 CA 1116 1859 WSJK 2 TN 1170 15 Es 1713 WBEM 2 IL 1040 17 Es 1235 unid ch 2 ne 2103 WYFF 4 SC 1206 2119 WCYB 5 TN 1224 2124 WRCB 3 TN 1035 2200 WGRZ 2 NY 1472 2205 KTVI 2 MO 824 2300 WDAF 4 MO 630 (Verified by phone.) 18 Es 0800 unid ch 2 Mexico 0848 XEW 2 DF 960 0900 KGAN 2 IA 878 0932 WJXT 4 FL 1300 |
| 26 Es 0800 WWAY | 3 NC 1463 0959 WCFB 4 MS 864 WAGA 5 GA 1098 1000 WSB 2 GA 1098 1612 WTTV 4 IN 1059 1614 WCMH 4 OH 1215 1630 WBEM 2 IL 1049 WKZO 3 MI 1148 1633 unid ch 6, KHQ? (Spokane FM in.) 1645 WCIA 3 IL 959 2101 WDTN 2 OH 1152 WSAZ 3 WV 1238 2103 WCMH 4 OH 1215 2106 unid ch 4 ne (St. Jude telethon.) 2112 WKYC 3 OH 1310 2130 WAVE 3 KY 1049 2200 CKTV 2 SA 1188 2326 CJFB 5 SA 1193 (Fade/out #0030 6-27) | July 1983 1 tr 0819 KSNT 27 KS 585 0825 KLDH 49 KS 585 0830 K49AQ 49 TX 195 (Clarendon KVII-7) Es 1900 WTCM 4 MI 1295 (ID - "Channels 7 and 4 for northern MI.") 2026 WDTN 2 OH 1152 2100 WJKB 2 MI 1260 2105 WDIV 4 MI 1260 2109 WBEM 2 IL 1049 2 tr 0645 Topeka, KS 27,49 0648 K30AE 30 OK 370 0650 K49AQ 49 TX 195 OKC, DFW, Aus. U 0655 unid ch 53, OK? (Unknown KOKH-25) 0710 KC, MO 41,50 630 Es 1034 KUTV 2 UT 707 1035 KTVX 4 UT 707 1057 KSL 5 UT 707 | |

Western TV DX

September 1983

Jim Pizzi (continued)

| | | | |
|-------------------------|-----------|---------------------------|-----------|
| 18 Es 0933 WTVY | 4 AL 1067 | 23 Es 1300 WIMJ | 4 WI 1067 |
| 1157 WBAY | 2 WI 1125 | 1327 WBAY | 2 WI 1125 |
| 1639 CKTV | 2 SA 1188 | 1358 WTTV | 4 IN 1059 |
| 1730 WJXT | 4 FL 1300 | 1403 WRTV | 6 IN 1059 |
| 2102 KTVI | 2 MO 824 | 1430 WEMS | 5 OH 1310 |
| 2103 WTMO | 2 IN 981 | 1529 KGAN | 2 IA 878 |
| tr 2300 unid ch 28 OK? | | 1539 WCCO | 4 MN 968 |
| (+ or - offset, | | 1559 KDLH | 3 MN 1094 |
| maybe new LPTV | | tr*2248 XEW | 5 CH 205 |
| or xlator. App. | | *2253 KDBC | 4 TX 201 |
| for LPTV in OK; | | 24 Es 1027 WJXT | 4 FL 1300 |
| Woodward) | | 1029 WTVY | 4 AL 1067 |
| Es 2331 unid ch 2 Cuba, | | 1111 XEW | 2 DF 960 |
| Caribbean?? | | 1115 unid ch 2 Mexico | |
| (+10 kHz offset, | | (0 kHz - XEW network) | |
| horizontal sync | | 1759 KTVU | 2 CA 1116 |
| different, vert | | 1800 KRON | 4 CA 1116 |
| sync OK. Over/ | | 1900 KTVN | 2 NV 1008 |
| under KMID.) | | KCRL | 4 NV 1008 |
| 19 Es 0052 XEW | 2 DF 960 | 1901 KNXT | 2 CA 855 |
| 0116 XHFMT | 2 MX | 1908 KSBY | 6 CA 1004 |
| (Not XEW net) | | 1929 KPIX | 5 CA 1116 |
| 0117 unid ch 3 XEW | | 1945 KVIE | 6 CA 1071 |
| 0948 unids ch 2-6 e | | (Went to FM) | |
| 1143 KTVU | 2 CA 1116 | 2144 unid ch 7 ne | |
| Es 2017 XEW | 2 DF 960 | (0 kHz - KOSA-7) | |
| 2145 unids 2,4,5 Mex. | | 2200 CKGN | 6 ON 1409 |
| 20 tr 0840 KERA | 13 TX 368 | 2257 WDTN | 2 OH |
| (Over KLBK-13) | | 25 Es 0000 KDKA | 2 PA 1373 |
| DFW & Austin U's | | 0841 XEW | 2 DF 960 |
| 0846 KVHPT | 29 LA | 0850 unid ch 4 Mexico | |
| Es 0929 XEW | 2 DF 960 | (Not XEW net) | |
| 21 Es 1858 XEW | 2 DF 960 | tr 2240 K53BE | 53 OK 273 |
| 22 Es 1617 WCBT | 2 SC 1359 | (Guymon LPTV) | |
| 1618 WCIV | 4 SC 1359 | 2243 K55CV | 55 NM 152 |
| 1756 WSMV | 4 TN 968 | (Montoya KOB-4) | |
| 1830 WSJK | 2 TN 1170 | K38AM | 38 OK 300 |
| WOAY | 4 WV 1292 | (Strong City KAMR-4) | |
| 1831 WAVE | 3 KY 1049 | (Formerly KTVY-4) | |
| 1928 WDIV | 4 MI 1260 | K40AG | 40 OK 300 |
| 1959 WBEM | 2 IL 1040 | (Strong City KVIIJ-9) | |
| 2130 CBWYT | 2 MB 1328 | (Formerly KWTV-9) | |
| 2132 KXJB | 4 ND 990 | K42AG | 42 OK 300 |
| 2326 CKPRT | 2 ON | (Strong City KFDA-10) | |
| (S/off. 580 AM 24hrs) | | K62AD | 62 TX 249 |
| 2356 CKTV | 2 SA 1188 | (Texhoma KFDA-10) | |
| 25 Es 0121 WBEM | 2 IL 1040 | K57BR | 57 NM 152 |
| 0124 WMAQ | 5 IL 1040 | (Montoya KOAT-7) | |
| tr*0218 KOAA | 5 CO 405 | K57CW | 57 TX 116 |
| Es 1023 CKPR | 2 ON 1260 | (Bovina KVII-??) | |
| 1039 unid ch 6 north | | 2338 K53 | 53 OK ??? |
| 1059 CKYB | 4 MB 1148 | (Unknown KOKH-25) | |
| 1129 CKTV | 2 SA 1188 | 26 Es 1230 unid ch 2 east | |
| 1300 WBEM | 2 IL 1040 | | |

Well, Es this way has been fantastic this year. Thirty days of Es this report period. Much of the time was spent on FM as channels 2 through 6 were four or more deep on each channel. June 29 produced a potential for double hop Es into the IA - MN area.

Logging of KSPR-33 on July 7 - Hawaii 5-0 at tune/in, then movie, "Murder in Texas" at 2000. I called KSPR and talked to A.R. Obregon (an engineer, I believe) who verified the movie promo slide I had seen. He was amazed and wanted to know "how far are you?" He wants me to send him a card saying I picked them up and I asked him to send me a verie. As of July 15, no written verification from KSPR-33. I got a nice letter verie from WMAA-17, of which a copy was sent to the "QSL Corner."

July 11 Es from Mexico - the station identified as "XHTRM, channel 22" and then into a clothing store ad. This was on channel 4. It must be new on the air or a call change, but a satellite of channel 22. I don't know the location of channel 4 or 22. I need help on this one. (I have a friend who translates my tapes for me - my Spanish is improving - as far as numbers and alphabet go.) If anyone has any ideas on this one - drop me a post card.

Jim Pizzi (continued) July 23 Es was the most productive. I spent a lot of time on the FM - very intense Es on July 11, 18, 22, and 24. Tropo on July 23 marked with an asterisk was received with a Motorola R-220 VHF military receiver. It is very sensitive (audio only). These three stations weren't seen or heard on any of my TV set-ups. KOAA-5 was a surprise as I was looking for KNME-5. The receiver has filtering - 200, 50, and 10 kHz. I can tune +, 0, or - offsets. Performance on Es is outstanding. Ms is unbelievable - bursts every 1-2 seconds. Unfortunately, it doesn't work on the high VHF, channels 7-13 - Rats!

July 24 Es of CKGN-6 (with Global ID) is definitely Paris. I was getting northern Ohio and Kitchener, Ontario FM's at that time. Channel 7 Es that day too - CCI on XVII-7, strong at times, but no ID's.

A couple of new states (CO and PA) this time around. Channels 2 (with 44) and 4 (with 45) are getting harder to ID new ones on.

I hope everyone is having as good a season as I am. I will have been two years at this location on August 1st. After ten years in California (with little tropo and limited Es) my interest in DX'ing has improved by being here.

Till next time, 73's, Best of DX, Jim

Ronald Purdue - Route #1, Box 224, Byron, MN 55920

CDT

Equipment: RCA 1982 XL-100 color, J.C. Penney 5" b&w portable, Winegard CH-7084 with Winegard AC-4990 pre-amplifier at 28' above ground level.

| | | | | |
|-----------------------|----------------|-----------------------|------------------|-----------------------|
| June 1983 | 8 tr 2132 KTSB | 27 KS 384 | 14 tr 0726 K22AC | 22 MN 177 |
| 27 Es 2048 XEPM | 2 CH 1130 | 2134 KGMC | 34 OK 656 | 0728 K34AF |
| 2052 XEJ | 5 CH 1130 | 2136 KLDH | 49 KS 384 | 0729 K36AA |
| 2054 KBBC | 4 TX 1125 | (New station w / ABC) | 15 tr 0712 WGRF | 39 IL 218 |
| 28 Es 0715 KPRC | 2 TX 1005 | 2202 KTVJ | 16 MO 496 | 0713 WEEK |
| 1459 KNAZ | 2 AZ 1175 | 2207 KOAM | 7 KS 475 | 0716 WIFR |
| tr 1600 KTVI | 4 IA 222 | 2230 KHIN | 36 IA 257 | 0720 WMEB |
| Es 1754 KID | 3 ID 953 | 2249 WOI | 5 IA 148 | 0721 KDUB |
| 1800 KBCI | 2 ID 1153 | 9 tr 0710 WIFR | 23 IL 194 | 17 tr 0652 WMTV |
| 1829 KUTV | 2 UT 1047 | 0714 KDUB | 40(WI) 145 | 0755 WHA |
| 2040 CHBCT | 2 BC 1293 | 0756 WTVO | 17 IL 218 | 0818 WVCY |
| 29 Es 1901 KBBC | 4 TX 1125 | 0800 WYCC | 20 IL 288 | 0820 WVTV |
| 1902 XEPM | 2 CH 1130 | 0802 WSNS | 44 IL 288 | 18 Es 2045 XEPE |
| 1939 XEJ | 5 CH 1130 | 0807 WFLD | 32 IL 288 | 19 tr 1634 KSPY |
| | | 0808 WCIU | 26 IL 288 | 1642 KMEG |
| | | (Spanish) | | Es 1644 XEPM |
| July 1983 | 1 tr 2122 KMEG | 14 IA 222 | 0817 WCFC | 38 IL 288 |
| 2124 KSIN | 27 IA 222 | 10 tr 0709 K26AC | 26 MN 260 | 2034 K32AF |
| 2131 WCIU | 26 IL 288 | (Brainerd LPTV - STV | | (St. James KSTP- 5) |
| 2140 WSNS | 44 IL 288 | with barker audio.) | | 2036 K50AB |
| (STV - ON TV) | | 0710 K22AC | 22 MN 177 | (St. James KAAL- 6) |
| 2142 WFLD | 32 IL 288 | (Brainerd KSTP- 5) | | 2038 K48AA |
| 2148 WCGV | 24 MI 237 | 0712 K14AD | 14 MN 140 | (St. James LPTV) |
| (STV - SelecTV) | | (Willmar KSTP- 5) | | 2044 WLEF |
| 2201 WYCC | 20 IL 288 | 0714 K30AF | 30 MN 183 | (Crystal clear) |
| 2204 WLS | 7 IL 288 | (Alexandria LPTV) | | 2047 WHRM |
| 2211 WCFC | 38 IL 288 | 0723 K40AA | 40 MN 183 | 20 tr 0724 K18AI |
| 2219 WEBS | 60 IL 268 | (Alexandria KTHI-11) | | 18 MN 225 |
| 3 tr 1742 WFLD | 32 IL 288 | 0729 K34AF | 34 MN 183 | (Grand Rapids LPTV) |
| 1844 KCBR | 17 IA 178 | (Alexandria LPTV) | | 1648 WGTU |
| 2125 WHRM | 20 WI 155 | 0738 K20AC | 20 MN 210 | 1659 WFRV |
| 5 tr 1848 WVTV | 18 WI 237 | (Wadena KSTP- 5) | | 21 tr 0713 WEEK |
| 7 tr 0706 WFLD | 32 IL 288 | 0739 K24AE | 24 MN 183 | 22 Es 2130 KALD |
| 0708 WYCC | 20 IL 288 | (Alexandria KSTP- 5) | | 2132 KBCI |
| 8 Es 1531 KBCI | 2 ID 1153 | 0800 K36AA | 36 MN 183 | 2138 KID |
| tr 2110 KSPR | 33 MO 478 | (Alexandria WDAY- 6) | | 3 tr 0808 W15AB |
| 2119 KADT | 43 OK 656 | 1105 WVCY | 30 WI 237 | (Rice Lake LPTV) |
| (My new tropo record) | | 13 tr 2102 KMEG | 14 IA 222 | 0831 WLRE |
| 2124 KOKH | 25 OK 656 | 14 tr 0724 K14AD | 14 MN 140 | 0642 KYFC |
| 2130 KTEO | 14 OK 656 | 0725 K20AC | 20 MN 210 | (CBTP- NOAA wx audio) |

July has been another superb month for DX! On the 8th, I managed to log the Oklahoma City U's at my greatest distance for tropo, 656 miles. I also logged four new LPTV's this month. Three were carrying SPN (Satellite

Ronald Purdue (continued) Program Network) and the other local origination. Still no news of KXLT-47 or the new LPTV's for Rochester on channels 27, 60, and 65. (I wonder if KXLT will ever go on the air?)

If anybody knows, whatever happened to the Mailbox column in the VUD? It was the most informative part of the VUD! But anyhow, that'll wrap up another report for this month, and this is my third year with the club now! So, see you in 30, and good DX. 73's.

James J. Stiles, CFAO/NAFK, Box SU/LR ADP, FPO Seattle, WA 98770 (Okinawa)

JST

Equipment: Sharp 26" PAL/SECAM/NTSC color model C261-SPN, Radio Shack TV-20 out-board audio tuner, Grove Power-Amp wide-band preamp, three element 50 Mhz Grove Scanner Beam.

| | | | |
|-------------------|----------------------------|-------------------|-------------------------|
| 20 June 1800-1900 | AFKN Korea A2, Seoul | 3 July 1100-1400 | KBS Korea A6, Masan |
| | KBS Korea A4, Yeosu | | (Also Korea FM to 99) |
| 1900-1930 | China C1, C2, C3 unid. | 4 July 0845-1000 | China C1, C2 unid. |
| 21 June 1200-1300 | Phil. A2, DWX, Quezon | 1000-1300 | Phil. A2, DWX, Quezon |
| | Phil. A3, DYDY, Cebu | | Phil. A3, DYDY, Cebu |
| | Phil. A4, DYBQ, Bacolod | | Phil. A4, DYBQ, Bacolod |
| 22 June 0900-1000 | China C1, C2, C3 unid. | 6 July 1200-1300 | China C1, C2 unid. |
| 1800-1900 | Phil. A2, DWX, Quezon | 7 July 1200-1300 | China C1, C2 unid. |
| | Phil. A3, DYDY, Cebu | 8 July 1200-1300 | China C1, C2 unid. |
| | Phil. A4, DYBQ, Bacolod | | Phil. A2, DWX, Quezon |
| 23 June 1200-1400 | China C1, C2, C3 unid. | | Phil. A3, DYDY, Cebu |
| 25 June 1500-1600 | China C1, C2, C3 unid. | | Phil. A4, DYBQ, Bacolod |
| 26 June 0930-1230 | China C1, C2 unid. | 9 July 1600-1700 | China C1, C2 unid. |
| 27 June 1200-1300 | China C1, C2 unid. | 10 July 0900-1000 | USSR R1, Vladivostok |
| 28 June 1200-1330 | China C1, C2, C3 unid. | 11 July 1200-1300 | China C1 unid. |
| | (Also Korea FM to 92.3) | 12 July 1200-1300 | Phil. A2, DWX, Quezon |
| 29 June 1200-1400 | China C2 unid. | | Phil. A3, DYDY, Cebu |
| 30 June 1200-1300 | China C1, C2 unid. | | Phil. A4, DYBQ, Bacolod |
| 2 July 1600-1700 | China C1 unid. | 16 July 1100-1130 | China C1 unid. |
| | Phil. A2, DWX, Quezon | 1130-1300 | Phil. A2, DWX, Quezon |
| | Phil. A3, DYDY, Cebu | | Phil. A3, DYDY, Cebu |
| | Phil. A4, DYBQ, Bacolod | | Phil. A4, DYBQ, Bacolod |
| 3 July 1000-1100 | China C1, C2, C3, C4 unid. | 17 July 0900-1400 | China C1, C2 unid. |
| 1100-1400 | KBS Korea A4, Yeosu | 20 July 1800-1900 | Phil. A2, DWX, Quezon |
| | KBS Korea A5, Seoul | 24 July 0930-1030 | China C1, C2 unid. |

The E-skip season has been good this year with frequent openings and signal strengths permitting color reception most of the time. The past two weeks has seen a decline in activity, however. With some luck, by the end of August or September, there may be some TE skip to report. I am considering acquiring a scanner to monitor the TV audio frequencies in the 50-90 MHz range to catch any possible openings.

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CDT

Equipment: VHF: Broadmoor 9" black & white, Winegard CH-7078; UHF: Magnavox 19" color, Winegard CH-9095, Blonder-Tongue CMA-Ub pre-amp; Alliance rotor.

| | | |
|-----------------------------|----------------------------|-----------------------------|
| July 1983 | 23 Es (MUF 96.1 @ 0941-WV) | 24 Es (MUF 106.1 @ 2231-LA) |
| 14 Es (MUF 104.7 @ 1916-NC) | (MUF 94.1 @ 1021-WA) | (MUF 102.9 @ 2304-LA) |
| 1930 WCYB | 5(TN)1041 | 2328 KUTV |
| (MUF 102.1 @ 1959-NC) | 1027 WRAL | 5 NC 1215 |
| 15 Es 1700 WLZB | 2 ME 1355 | 1129 WMAZ |
| (MUF 93.1 @ 1721-NB) | 4 ID 1153 | 2 MS 1015 |
| 18 Es 1958 XEPMt | 2 CH | 1159 KETS |
| 2 tr 0655 WEEK | 25 IL 560 | 2 AR 890 |
| 0859 WKOW | 27 WI 445 | 1408 KBTX |
| 0930 WHA | 21 WI 445 | 3 TX 1120 |
| Es 2153 KUTV | 2 UT 880 | 1409 KPRC |
| (MUF 104.3 @ 2158-UT) | | (MUF 90.1 @ 1421-TX) |
| 2224 KTVXt | 4 UT | 1429 KIII |
| (ABC CCI - KXJB) | | 3 TX 1330 |
| 2228 KSL | 5 UT 875 | 1459 unid ch 3 Mexico |
| 23 Es 0059 CFAC | 2 AB 840 | 1515 KACE |
| 0929 WPMY | 2 NC 1150 | 3 TX 1070 |
| | | 1529 KMIID |
| | | 2 TX 1060 |
| | | (MUF 107.9 @ 1609-AZ) |
| | | 24 Es 2006 unid ch 2 NBC se |
| | | (MUF 107.3 @ 2035-GA) |
| | | (MUF 104.5 @ 2135-MS) |
| | | (MUF 104.5 @ 2205-MS) |

August 1983

| | |
|----------------------|-----------|
| 1 AE 0010 WKTV | 2 NY 1095 |
| 0012 CBFT | 2 PQ 1110 |
| 0014 unid ch 3 CBS e | |
| 5 tr 0044 K60BL | 60 MN 135 |
| (Max WIRT-13) | |
| 5 tr 0048 K62BH | 62 MN 135 |
| (Max KDLH- 3) | |

(continued on page 32)

SOUTHERN FM DX

SEPTEMBER 1983

DOUBLE HOPS BRING IN JAMAICA, PUERTO RICO AND EVIDENTLY COLOMBIA.

Steven John Taaffe, 621 Warren, Topeka, KS 66606

Greetings from Kansas. I'm a relatively new member to WTPDA but have been DXing for about 12 years and have been here in Kansas since 1977. Originally from Dayton, Indiana, which is near Purdue University. I'm an avid FM DXer and the last year hasn't really produced that much spectacular stuff until recently. I added Indiana, finally, in the form of WASK-FM with ID and c/w mx and also Texas and Arkansas. For some reason have had difficulty hearing the later two but have no problem hearing North Carolina. FM cx are sure different. A great skip opening over the Fourth of July produced several stations from North Carolina such as WFDD and WMAG 99.5, WPCM 101.1 & WPEG in Concord. All of those verified by letter and many more reports out. Local KTFK was recently off air on 106.9 and was able to hear much wanted KBLT 107.1 in Baxter Springs and also KTXV 106.9, Jefferson City, MO, which recently verified. Then last night July 24, 1983 had a tremendous skip in from Florida with the following heard: WYKS 105.5, WPAP 92.5, WUFT 89.1, WRBQ 104.7, WQYK 99.5, WGLF 104.1, WIQI 100.7, WAAZ 104.9(3000 wts.), WFSU 91.5, BJ105, WCGQ 107.3, Columbus, GA, WTCQ 102.3, GA and to top it off CJAY 92.1 of Calgary, AL plus others. All taped and reception reports sent. State total is around 34 or so. New receiver here is Technics digital synthesizer with "wing antenna", which is very sharp and nulls very well, well worth the investment. So far 1983 has been great for skip but nothing like summer of 1980 when Mt. St. Helen's went off and I heard WNHV 95.3, White River Junction, VT and got them vid by letter. Any other area DXers in Kansas? Feel free to write. I'm also an avid BCB and shortwave DXer, but nothing beats FM skip in the summer. My wife can't get me away from the receiver in the summer. TV DX is also good here. 73's from Kansas. It's been a hot nuggy 100 degrees here. (Same in Oklahoma, DB.)

Bill Townshend, 4500 Conn. Ave. NW #901, Washington, DC 20008

6/23 tr
0817 WYFI 99.7 VA Norfolk, g
0847 WLYT 95.7 VA Norfolk
0848 WBSR 103.3 VA Onancock
0851 WGLU 103.1 VA Culpeper, C-103
0900 WGH 97.3 VA Newport News, c
6/28 tr
0809 WQKS 96.5 VA Williamsburg, Kiss-96

This brings my total heard to 104. The afternoon loggings were at Timbering in Oakton, VA while the morning reports were from my work site in Marlow Heights, MD. Just before I "turned to" (Navy lingo for start work) for the day. 73's, Bill Townshend [IDF-S5W, a Sony]

Tim McVey, Rt. 3, Box 568, Bolivar, TN 38008 3-7 to 7-10 CDT

6/6 Es
1945 KTDB 89.9 NM Ramah, also KOB and KNAZ on TV
1950 KFLG 92.9 AZ Flagstaff, & KCTB 93.9
6/8 Es
1700 WBUF 92.9 NY Buffalo, with WGR-2
6/9 Es
1610 KTAJ 93.9 WY Riverton, ads
1615 KIAJ 92.7 WY Rawlins, K\$ (sig. 4.5!)
1616 KTRS 95.5 WY Casper, r, ID
1617 KAWY 94.5 WY Casper, aor
1618 KQSK 97.5 NE Chadron, Wolfman Jack
1620 KODY 94.9 NE North Platte, r (Why isn't this in Cody?)(And why isn't KOKC in Okla. City? DB)
1625 KUAD 99.1 CO Windsor, "Quad-99"
1626 unID 103.5 mentions N. Platte and Ogallala, r\$
1631 KERM 98.3 WY Torrington, k\$, ID
1634 KLWD 96.5 WY Sheridan, k
1635 KYIA 93.3 MT Billings, r "Y-93"
1636 KECQ 92.5 WY Cody, k\$ "Q-92" full ID
1638 KFAH 92.1 NE Alliance, r\$, ads for Chadron
1700 KXRC 93.7 CO Craig, m\$ "FM-94"

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075
(note new zip code)
DEADLINE: 10th

SOUTHERN FM DX

6/11 Es
XHPF 101.3, XHVE 102.1, XHTS 102.9
1750 XHCP 96.5 TAB Villahermosa, m\$, lots of IDs (Estado #11)
1756 XHVY 97.3 TAB Villahermosa, m\$, ID
1905 Puebla in: XHNP 89.3, XHRS 90.1, XHRC
6/25 Es 91.7
1730 XET 94.1 NL Monterrey
1840 El Paso in, MUF rising, area enlarging
1900 Amarillo-Lubbock, TX, most of NM in 1909 Here we go! MUF at TV-8!
1916 KAZY 106.7 CO Denver, r (signal 4)
1917 KPPL 107.5 CO Lakewood, "K-people"
1920 I'm buried in CO on nearly all channels...zillions of relogs
1930 KYGO 98.5 CO Denver, k
1942 unID 106.5 k\$ "kick-country-106"
1945 KKRJ 107.3 KS Wichita, r
1946 unID 107.1 L lots of talk, no ID
1949 KSTC 104.7 CO Sterling
1950 KLMO 104.3 CO Longmont, BB game
1951 KJLS 103.3 KS Hays
1955 KEYN 103.7 KS Wichita
1956 KZMC 106.3 NE McCook, r\$, ads, ID
2006 KBUF 97.3 KS Garden City
2010-2100 supper time: KUAD 99 in the whole time in \$
2105 KBLI on TV, but dangerous shifting of duct back to TX....
2155 after a zillion more re-logs, MUF plummets below 70 MHz.

McVey, cont.

6/26 Es
1158 WDAY 93.7 ND Fargo, r "Y-94"
1156 KKXL 92.9 ND Grand Forks, r "XL-93"
1159 KFNW 97.9 ND Fargo, c\$
1200 KYTN, KFJM ND G. F.
1203 CHIQ 94.3 MB Winnipeg, m\$ "Q-94"
7/3 Es
1000-1900 TVI ch. 2-5 from Cuba & FL. In NINE HOURS the MUF never got to FM, ugh!!
2047 WSCD 92.9 MN Duluth, c\$
2050 WJFM 93.7 MI Grand Rapids, prev. tr
2051 unID 93.9 heard WTOX & Ashland, WI ment.
2052 WLVE 94.9 WI Baraboo
2053 WDRQ? 93.1 MI Detroit, tent.
2056 WYMK 93.1 MI Iron Mountain, k, ID
2101 WZZF 92.9 VT Burlington
2126 WRKI 95.1 CT Brookfield, "I-95-FM"
2130 WSSH 99.5 MA Lowell, Boston wx
2133 WGGY 93.7 MA Lawrence, ID channels packed below 100, but alt'g domination and quick fade-outs left me with more unIDs than IDs.
HUNTSVILLE DX: Pitiful. I wound up in an apartment in a deep valley in SE Huntsville. Friends report Es at times, but none ever makes it down the mountain.
6/13 BW
2037 WSTO 96.1 KY Owensboro, r
7/7 tr
0626 KTXR 101.5 MO Springfield, b (400 mi.)

It looks as if the Bolivar log will stay active this summer, after all, since my AL QTH is not good for DX and TN is. Equipment is a JVC JT-V22 tuner, a Pioneer F-5 digital tuner, Finco FM-5 antenna at TN. The FM-5 is an excellent tuner, which tunes by a knob and 4-gang variable capacitor and gives digital readout to 0.05 MHz (or 1 kHz on AM). Sensitivity is 0.95 uV, C. R. is 1.0 db, a. c. selectivity is 60 db. Folks wanting a spec sheet or info on how I built a headphone amp and SCA converter into the F-5 should write me.

A friend of mine in McGeehee, AR, Miss Anne Tenner, is attempting to set a world record for counting objects. It seem after serious contemplation of the things she could count in order to get the largest numbers, she decided to count all the radio stations with "K-", "KIX" and "Q" slogans...73's, T. K. (I think she could make more constructive use of her time by DXing, DB.)

Ken Simon, 513 Sixth Ave. South, Lake Worth, FL 33460

12/15 '82 Es
2000 92.5 KKNG Oklahoma City, OK, ads, ID
2006 93.3? unID C&W with Chaney, KS ment.
2015 93.1 KWLS Pratt, KS --KS wx, ID
WHRS 90.7 moved antenna from Boynton Beh. studio site to WHRS-TV tower and tested then announced WHRS West Palm Beach...new? (yes, DB.)
4/19 gw
1258 88.5 WKPY Sunrise, new local
5/24 Es
1513 90.1 WMBI Chicago, IL, g
1520 91.1 WGLY Kenosha w/WI pub. radio
1830 88.9 WEEA Baltimore w/ds. show ment. Baltimore. tent.
1837 92.9 WBUF Buffalo NY WGRZ-TV ch 2 ad ID FM93
1839 106.3 unID "World Today" news
6/8 Es
1745 91.7 unID ATC/NFS
1746 99.3 unID C&E ID "XTLS" maybe KWLS??
6/9 Es
1855 88.1 TG-- Guatemala w/local ads
1857 88.0 TG-- Guatemala w/ Hertz "conoce Guatemala" ad

6/9 Es
1900 91.9 TG-- Guatemala latin MCR and Sintex ad, saw same on TGV-3...sounded like Guatemala City address
1910 96.1 unID SS newx, faded by 1910, suspect Guatemala
1942 96.1 TG-- Guatemala.def. ad for R. Nuevo Mundo
1953 96.9 TS-- El Salvador, R. El Salvador ID
2000 98.1?unID latin with ID "--F"
2004 101.3 unID latin "Radio Oepallin" or Sepallin??, Zeppellin??
6/25 Es
1910 107.3 KKRJ Wichita KS, city ment.
1915 107.5 WGBR Detroit MI, ID, Rocking 107
1918 106.1 KLFQ Lyons KS, ID
1920 103.7 KEYN Wichita KS, K-YN ID
1928 100.3 unID FM100
1930 99.5 WGGY Quincy IL, city ment.
1932 107.1?unID ID sounded like KBKV
1953 92.3 KEZO Omaha NE, local ad
1955 104.1 KEZI Ames IA, local ads
104.1 WJEM Jerseyville IL, city ment.
cont....

7/18 Es
 1539 unID 96.3 "Golden Triangle"
 1549 KPCQ 92.5 WY Powell, calls, ads, 92
 1552 CBBC 91.7 AT Lethbridge, 1215
 "91.7 Lethbridge" @1600
 1604 CBX 90.9 AT Edmonton, tent CBC
 1621 KNUW 94.5 MT Great Falls, wx, "Rock-95"
 1647 CJAY 92.1 AT Calgary, CJ-92, ads 1328
 1654 CKUA 93.7 AT Calgary, C, calls, nx
 1833 unID 92.1 mx? SS, L
 1857 unID 89.9 WV WV pub. radio(WHPW/WVNP)
 1900 WRMB 89.3 FL Boynton Beach, 1485
 calls
 1901 WKBJ 92.3 TN Milan, FM-92, ads @1930
 1934 WIVK 107.7 TN Knoxville, calls 1125
 1938 WKKX 104.5 TN Gallatin, ads, "kix-104"
 1941 WUBE 105.1 OH Cincinnati, ads, "UBE"
 1943 WKTA 106.9 TN McKenzie, g pgm., promos
 WLAB 105.9 TN Nashville 968
 1954 WBBN 102.7 OH Cincinnati, calls 1125
 2002 WBCI 90.3 IN Fort Wayne, ment. Allen
 Co., time in OH & MI 1130
 7/29 tr
 2121 KHRB 95.3 TX Dumas, nx, wx, "\$-95" 212
 7/20 Es
 0957-1020 unIDs 88.9-93.7 mx SS
 1015 KHPQ 97.5 GTO Leon, "\$-Nova" 810
 7/22 tr
 0901 KNCI 91.3 TX Killeen, wx, ID 353
 Es
 1730 WLTR 91.3 SC Columbia, ID 1287
 1732 WABE 90.1 GA Atlanta, ID 1098
 1734 WDJC 93.7 AL Birmingham, calls 959
 1734 WXLX 96.1 NC Shelby, ads 1247
 1738 WBRK 92.5 KY Owensboro, ads
 1743 WNCW 96.7 KY Paris, ID 1121
 1743 WSTO 96.1 KY Owensboro, "96-STO" 968
 1747 WVLK 92.9 KY Lexington, ads, K-93 1103
 1748 WSIK 97.9 TN Nashville, ID 968
 1755 WQQQ 96.1 KY Lexington, ads 1103
 1803 WDAV 89.9 NC Davidson, calls 1283
 tr
 1809 KIXC 100.9 TX Quanah, k, ads, 222
 "Kicks 100"
 Es
 1855 WJMT 93.5 WI Merrill 1094
 1900 WYFN 88.5 WV Charleston, ID 1256
 1903 WLLI 96.7 IL Joliet, wx, ID 1013
 1907 WLAJ 96.9 MI Grand Rapids, ads 1170
 7/23 Es
 1039 CBON-20 89.3 ON Thunder Bay, FF 1260
 1040 unID 90.5 north/WN?, g
 1040 KSJN 91.1 MN St. Paul, wx, nx 968
 1042 CITT 92.1 MB Winnipeg, 92-City FM 1193
 1045 CMMN 97.5 MB Winnipeg, wx, 97FM
 1046 CBW 98.3 MB Winnipeg 1193
 1057 KEYA 88.5 ND Belcourt, promos, 1095
 "kee-ya"
 1204 WM-- 92.5 n. east, rock
 1215 CKGL 96.9 ON Kitchener, promos, ID 1409
 1217 WNNW 98.5 MI Coldwater, ads, 1167
 calls
 1221 WZZZ 92.7 MI Flint, calls 1260
 1224 CUM 88.7 ON Windsor, "ohm radio,
 Windsor-Detroit" 1261
 1333 unID 30's mx
 1334 WIAA 88.3 MI Interlochen, c, fund 1224
 raising, promo
 1344 WDJQ 92.5 OH Alliance, ID 1319
 1346 WKKX 95.9 PA Brookville, ads 1440

7/23 Es
 1353 WZFR 100.3 PA Meadville, ID 1390
 1354 WNFQ 95.9 OH New Philadelphia, 1305
 tornado watch
 1400 WMHE 92.5 OH Toledo, live from Findley
 1401 WBCQ 92.7 OH Bucyrus, ID 1238
 1427 C??? 89.1 ON Ft. Francis, FF, calls? 1173
 1500 CBON-20 89.3 ON Thunder Bay, ID 1260
 1539 WAWN 92.7 WI Kewaunee, ads, 40's band
 mx, Maggie's Ice Cream Parlor in Algoma
 7/24 Es
 0945 unIDs 89.7, 90.3, 92.5 very brief
 1903 KCBX 90.1 CA San Luis Obispo, c tent.
 1951 KBBF 89.1 CA Santa Rosa, SS, L 1143
 1958 WRVQ 94.5 VA Richmond, promo, "Q-94"
 2001 WTVR 98.1 VA Richmond, k, wx @2019, FM98
 2002 WRXL 102.1 VA Richmond, r 1472
 2003 WBSZ 103.7 VA Richmond, r
 2121 WTQR 104.1 NC Winston-Salem, calls 1328
 2022 WZYG 103.3 NC Newport, tent., k
 2026 WDCG 105.1 NC Durham, "G-105" 1400
 2030 WIMZ 103.5 TN Knoxville, promo, calls 1125
 2032 WKYC 104.3 NC Tarboro, calls, "KT
 country" 1472
 2038 WIVK 107.7 TN Knoxville, ID @2041 1125
 2043 WAKG 103.3 VA Danville, ID 1373
 2045 WPTM 102.3 NC Roanoke Rapids, ads. 1463
 2051 WCFI 98.7 WV Wheeling, calls 1328
 2052 WTT?? 104.7 east calls
 2100 WYDD 104.7 PA Pittsburgh, calls 1373
 2102 WDMT 107.9 OH Cleveland, calls 1310
 2103 WQKX 105.1 OH Salem, ID 1328
 2105 WCLW 105.3 OH Mansfield, calls 1247
 2107 WKKW 106.5 WV Clarksburg, calls 1387
 @2119
 2109 WKHT 104.9 ?? "K-H-T-105"
 2113 CFCA 105.3 ON Kitchener, sports, calls
 @2116 + "FM-105"
 2117 WAMO 105.9 PA Pittsburg, ads, promos +
 "FM-106" 1373
 2123 WLLZ 98.7 ME Detroit, calls, r 1260
 2128 WVEZ 106.7 KY Louisville, calls 1049
 2131 WDJQ 92.5 OH Alliance, promos, 1319
 "Q-92-FM"
 2137 WSKS 96.5 OH Hamilton, ads, "96-Rock" 1130
 2148 WAZU 102.9 OH Springfield, ads, AZU 1170
 2151 unID 102.7 n. east "The Hot One"
 2153 WBBN 102.7 OH Cincinnati, ads 1125
 2156 WBEZ 95.3 OH Xenia, calls 1167
 2157 WCMF 100.5 OH Belleaire, "WCMF-FM" 1320
 2158 CKOT 101.3 ON Tillsonburg, tent.,
 Canadian "OWT for out in promo
 2159 WCUZ 101.3 MI Grand Rapids, nx 1170
 2200 WLOO 100.3 IL Chicago, ID 1040
 2201 WNIC 100.3 MI Dearborn, ID 1255
 2205 unID 98.7 n. east "The Rock of Ages", r
 2206 WNGO 101.3 OH Ashland, s/off 1265
 2211 WNST 104.5 OH Wooster, s/off 1283
 2212 WXTT 92.3 OH Columbus, ads ment. 1215
 Worthington
 2213 WWHY 104.9 IN Columbus, promos 1058
 2216 WKKK 97.3 WV Wheeling, "97-WK" 1328
 2219 WKCQ 98.1 MI Saginaw, "KCQ" 1237
 2220 WMSW 94.5 PA Pittsburg, 3WS, wx 1373
 2227 WUSN 99.5 IL Chicago, ads. ment Aurora
 2229 WHNN 96.1 MI Bay City, "WTN-96" 1247
 2232 WUCN 99.7 MI Midland, wx 1240
 2242 WMUS 106.9 MI Muskegon, ads, k 1148
 cont.....

7/24 Es
 2247 WUCM 91.7 MI Ann Arbor, promo 1229
 2256 WKSU 89.7 OH Kent, ID 1319
 2259 WPPP? 89.3 n. east s/off
 2308 WACL 98.5 OH Cleveland, ads, promo
 for WIZ-25 1310
 ms
 2310 WACF 98.5 IL Paris, "...RIS, IL 968
 Well, another hectic report with lots of intense Es. 7-6 brought Mexico with unlisted stations on 105.3 & 91.1. XNNH is listed on 95.1 but heard calls on 93.5. And XHNY is listed on 93.5 but heard on 95.1. (I have a SS interpreter). They must have switched calls or ONDAS & FM atlas is in error.
 7-8, 11, 18, 22, 23 & 24 very intense with lots of unIDs and 3 to 6 hours long (good thing the toilet's nearby—I don't miss any DX, hi). Another new unlisted Mexican on 7-25, XHVV 97.3. Mexico listings need to be updated as there seems to be a lot of activity going on in FM. Really giving the FM equipment a good work out this summer. That's it for now. 73's. Best of DX, Jim.
 Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075 - 7/11 to 8/10 CDT
 Equipt.: Pioneer TX-9100 tuner, Antennacraft GFM-10, 30 ft. high, and rotor
 7/11 2Es
 1915 HJGY? 88.7? Magangué, Colombia?, tent.
 all SS, Roughly translated: female vocal with mx sounding South American, not Mex. then ment. of houses being built in "La Lameta?? Victoria" (could be "Alameta Victoria", a city? or subdivision name?) then ad for store where you get all your supplies, then ad for disco named "Minerva" of Cartagena which is a north coastal city in Colombia! No 88.7 listed in ONDAS for Cartagena, so very being attempted for above station, which is. approx. 2400 mi.
 Es
 1930 RBFM 91.1 Nierrega, (sp?) Belize, r\$, EE ID: "This is Radio Belize FM-91 xmitting on freq. of 90.9 from Ladyville, 91.1 from Nierrega(sp), 94.7 from Independence and 88.3 from Punta Gorda. Here's Chicago and 'Alive Again'. You are listening to the program 'Music Break' here on RBFM-91". Belize is located on the lower Yucatan next to Mexico and Guatemala. approx. 1400 mi.
 2Es? weak
 1930 unID 88.5 or ? SS "...5.7 transmitting the most beautifully selected mx." (Drats, must have missed most of the ID.)
 Es
 1954 WPKX 88.5 FL Sunrise, ID, r
 1959 WRMB 89.3 FL Boynton Beach, ID
 2025 WCVU 94.5 FL Naples-Ft. Myers, ID
 2031 WMOU 89.7 FL Miami
 2044 WINZ 94.9 FL Miami, I-95 1230
 2100 WAFG 90.3 FL Ft. Lauderdale, ID 1220
 7/12 Es (intense)
 1000 WFCO 89.1 FL Titusville, ID
 1000 WUCF 89.9 FL Orlando, ID
 1006 WBJW 105.1 FL Orlando, BJ-105, r 1070
 1012 WFAM 91.1 FL Jacksonville, ID
 1015 WCIE 91.1 FL Lakeland, ID, g
 1020 WLOQ 103.1 FL Winter Park
 1030 WLRN 91.3 FL Miami, ID 1230
 tr
 1031 KKBK 106.3 OK Broken Bow, \$k, wx 200
 1035 KITY 95.3 OK Hugo, \$k 175
 Es cont.
 1048 WYSI 96.7 FL Jupiter, ID

7/25 Es
 0901 KHBS 89.7 DF Mexico City, c 960
 0904 XHNP 89.3 PUE Puebla, tent, SS, L
 0905 XHRJ 92.5 Toluca MEX, "el eye ya" = el
 yella phonetic 960
 0909 XHSH 95.3 DF Mexico City, "Radio Amstard"
 0942 XHVV 97.3 TAB Villahermosa, ID, SS, L
 #971 1210
 1050 WNGS 92.1 FL W. Palm Beach, ads,
 "Wings 92-FM"
 1100 WWOJ 106.3 FL Avon Park, "OW Radio"
 1101 WHRB 90.7 FL W. Palm Beach, ID
 1102 WCKD 98.3 FL Arkadia, ads
 1119 WCKQ 102.7 FL Pompano Beach, verified
 1128 WGYL 93.5 FL Vero Beach, nx
 1131 WCKS 101.1 FL Cocoa Beach, CK 101
 1138 WQLM 92.7 FL Punta Gorda, ID 1090
 1150 WAMR 92.1 FL Venice, ID, AP nx
 WQCS 88.3 FL Ft. Pierce 1160
 1202 WNYJ 94.3 FL Riviera Beach, ID
 1210 WHEW 101.9 FL Ft. Myers, ID 1130
 1214 WRGI 93.5 FL Naples, promo, G-93
 1229 WRMP 97.9 FL Palm Beach
 1235 WPCV 97.5 FL Winter Haven, , 97 PCV
 1252 WFIT 89.5 FL Melbourne, ID, r
 (My tunable FM trap made WFIT possible)
 1259 WXCW 95.3 FL Homosassa Springs, ID, \$
 1321 WCVF 95.5 FL Ft. Pierce, ID
 1334 WNNV 88.5 FL Tampa, ID, \$ 1040
 1338 WTRK 107.9 FL W. Palm Beach, ad 1200
 1340 WQYK 99.5 FL St. Petersburg, ad, wx, K-99
 1839 WLFJ 89.3 SC Greenville, ID 840
 7/14 Es
 1840 WAUP 88.1 OH Akron, ID 915
 1841 WAER 88.3 NY Syracuse 1200
 1900 WEMU 89.1 MI Ypsilanti, ID
 1903 WSDP 88.1 MI Plymouth, ID, 200 w.
 1907 WLEW 92.1 MI Bad Axe, nx, ID 920
 1908 WKQS 99.9 FL Bogart Raton, wx, kiss 1230
 1918 WIOG 106.3 MI Saginaw 860
 1927 CKUE 101.1 ON Smith Falls 1255
 7/18 Es
 1547 KQUY 95.5 MT Butte, ads, Y-95 1060
 1550 KALS 97.1 MT Kalispell, b, ads
 1553 KQRR 92.3 MT Roman, ad "KQ-92"
 1557 KUFM 89.1 MT Missoula 1150
 1603 KHQ 98.1 WA Spokane, ID 1310
 1607 KCDQ 96.7 MT Belgrade, ID
 1609 KLYQ 95.9 MT Hamilton, ID
 1610 KYSS 94.9 MT Missoula, ad, k 1150
 1613 KDRK 93.7 WA Spokane, ID
 1616 KXLY 94.9 WA Spokane, ad, ID
 cont...

7/18 Es
 1628 **KMBI** 107.9 WA Spokane, "MBI Radio",
 prg. sked., X SCA
 1639 **KREM** 92.9 WA Spokane, KREM concert
 sked.
 1643 **KDRK** 93.7 WA Spokane, ID, k
 1701 **KBSU** 91.3 ID Boise, ID 1130
 1711 **KITZ** 93.1 ID New Plymouth, ID, k
 1715 **KFXD** 94.9 ID Nampa, ad 1155
 7/23 Es
 1130 **WMRT** 88.3 OH Marietta
 1236 **WXLK** 92.3 VA Roanoke 970
 7/27 tr
 0900 **KRUS** 88.7 LA Lafayette, ID, NPR 505
 Es
 0951 **WMDM** 97.7 MD Lexington Park
 0959 **WQMC** 95.3 VA Charlottesville, ID 1040
 1048 **WAFB** 97.7 DE Milford, ads 1215
 1052 **WASH** 97.1 DC Washington, Wash-FM 1105
 1055 **WINC** 92.5 VA Winchester, ID 1065
 1055 **WIKZ** 95.1 PA Chambersburg, ad 1090
 1100 **WESU** 88.1 CT Middletown, s/on 1385
 1108 **WDAC** 94.5 PA Lancaster 1160
 1110 **WOBM** 92.7 NJ Toms River, ID
 7/29 Es
 1304 **WYFG** 91.1 SC Gaffney, ID, g
 1309 **WDAV** 89.9 NC Davidson

7/29 Es
 1310 **WBRQ** 96.9 NC Goldsboro, ad 1065
 1312 **WSFL** 106.5 NC New Bern, ID, ad
 1315 **WAZZ** 101.9 NC New Bern, ad, ID 1130
 1316 **WRNS** 95.1 NC Kinston, ID, k, "the k giant"
 7/30 Es
 1655 **WJAD** 97.3 GA Bainbridge, ID, r 985
 1700 **WTLG** 88.3 FL Starke, ID 970
 1735 **WATA** 97.3 FL Miami, ad 1230
 7/31 Es
 1726 **WSNY** 94.7 OH Columbus, "Sunny 95", k 820
 1729 **WPTW** 95.7 OH Piqua, ID
 1731 **WQRP** 88.1 OH West Carrollton, ID, mono
 2 Es!
 1903 **WCRP** 88.1 PR Guayama, apparent ID--
 "??? Puerto Rico" live religious broadcast
 ment., with 3 phone nos. given that traced
 to Puerto Rico. Castro ment., all SS, 2300
 in mono, weak, out by 1950
 Es
 1953 **WKPX** 88.5 FL Sunrise, ID
 1954 **WHRB** 90.7 FL W. Palm Beach, ID 1200
 8/7 Es
 1058 **WMLV** 94.5 FL Daytona Beach, ID, b
 1102 **WJGA** 92.1 GA Jackson, "tradio" 775-3151
 1106 **WNNX** 95.9 FL Tallahassee
 1109 **WAJX** 98.3 FL Titusville
 1116 **WCKS** 101.1 FL Cocoa Beach, "CK-101"

The double hops were quite a novelty. Totally regret not being present sooner on 7/11 when Jim Pizzi (whose interpreter's help I'm grateful for) was hearing some interesting stuff. If anyone can help me with my Colombian uAID, it would be appreciated. 73.

Report your FM DX to this column if you're from: AL, AR, AZ, CA, CO, DE, DE, FL, GA, KS, KY, LA, MD, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & @V.

NORTHERN FM-DX

Saul Chermos
 79 Ridge Drive
 TORONTO ONTARIO
 M4T 1R6

September 1983 I mail to HQ every 5th of month

By the time you read this, I will have met many of you for the first time. If not, then for some reason I could not make Dunkirk at the last minute. I'm sorry if this column is hard to read; I need a new ribbon, but cannot find one to fit this ancient Underwood Typewriter manual. The Journalism dept at Carleton U in Ottawa uses same typers, so this will not be too serious a problem.

I'm not exactly impressed with the Es this year. And reports seem to indicate the same. Then again, Bruce Elving has had so many Es that it's all beginning to BORE him. The bottom line, I guess, is that the openings are extremely SHORT LIVED...many have told me so, both in reports and on the phone.

Tropo, on the other hand, seems to be coming in well; even a few nice long-haul ducting sessions. Reminds me very much of 1980, although I'm still waiting for an opening (Es) similar to July 17 of that year...remember that 13 plus hour non-stop 107.9 plus MUF bonanza?

Could I ask you all one favor...I've found a few reports a bit hard to read; if you could make sure call letters, etc... are clearly written out, I'd greatly appreciate it, and it would reduce chance of error. Now, the moment you've been waiting for...

James J. Stiles - CFAO/NAFK - Box SU/LR ADP - FPO Seattle WA 98770 - (Oklaawa Japan) JST

Equipment: Realistic STA-720 receiver, dipole antenna.

There are only 2 local stations here, so it is relatively easy to ID new stations when the band is open.

The stations listed as Peking China are on the Central People's Broadcasting Station Program One network, and they may not all be located in Peking. The Korean stations, other than AFKN and HLKV, are on Korean Broadcasting System's First Program network, Music Program network, or Education Program network, as indicated by a I, II, or III, respectively, following the frequency.

All loggings are E-SKIP. (James, could you tell us about your Tropo...can you get past 250 miles and WHERE does it come from. I'm curious, & I'll bet others are. -ed.)

| | | |
|-----------------------|-------------------------|--------------------|
| JUNE 5 1030-1100 | June 5 cont. 1230-1330 | JUNE 19 1100-1200 |
| Cheongju KOREA 89.9 I | Gayeb KOREA 90.9 I | Peking CHINA 102.2 |
| Chuncheon " 90.3 I | Ilweol " 92.1 I | |
| Gwangju " 90.5 I | Seoul " 93.1 II | |
| Busan " 90.7 I | Peking CHINA 95.6 | |
| Gwangju " 92.3 II | Yeosu KOREA 95.7 I | |
| 1100-1130 | Peking CHINA 96.4 | |
| Peking CHINA 94.2 | Liaoning " 103.4 | |
| Peking " 94.8 | 1330-1430 | |
| Peking " 99.8 | Okayama JAPAN JOKK 88.7 | |
| 1130-1230 | Peking CHINA 94.4 | |
| HLKV Seoul KOREA 91.9 | 1800-1900 | |
| Daejeon " 98.5 II | Peking CHINA 94.0 | |
| AFKN Taegu " 99.3 | Peking " 95.6 | |
| Chuncheon " 99.5 I | JUNE 14 1800-1900 | |
| Gangneung " 104.9 III | Nei Menggu CHINA 102.0 | |
| Chuncheon " 106.5 III | JUNE 15 1200-1300 | |
| Hwangji " 107.1 III | Shandong CHINA | |

-James J. Stiles.

 COMMON ABBREVIATIONS IN NORTHERN FM:

| | |
|------------------|-------------------|
| * on tape | I also use Bruce |
| \$ tentative | Elving's FM ATLAS |
| \$ stereo | abbreviations. |
| stn station | |
| QTH location | BB Baseball |
| nx news | FB Football |
| wx weather | ex- formerly |
| ex sports | freq frequency |
| o oldies(format) | mx music |
| NEW NEW MODE | |

Alan L. Michalek - 227 Redlands Street - Springfield MA 01104.

Equipment: Panasonic RF-2900.

| | |
|--|---|
| MAY 27 Es | 1138 KRRQ 102.5 IA Des Moines r "Q-102" |
| 1015 KNOE 92.1 MO Butler | 1142 KJAN 103.7 IA Atlantic "Radio Atlantic" |
| 1025 KWTO 98.7 MO Springfield | 1149 KOXI 101.1 NE Columbus b |
| 1038 unID 96.7 "Country 96 nx" | 1155 KKEZ 94.5 IA Fort Dodge |
| & ad: SSS Stores | JUNE 4 Es |
| 1048 WBBA 97.7 IL Pittsfield | 1041 WKBJ 92.3 TN Milan |
| 1049 KBRA 97.9 KS Wichita "KB-98" | 1044 WKBL 93.5 TN Covington k |
| 1052 WIBW 97.3 KS Topeka "97-FM" | 1057 WHIC 94.3 KY Hardingsburg KY net |
| 1056 KPKF 94.1 KS Kansas City | 1101 WFPK 91.9 KY Louisville e |
| 1059 KNER 99.7 MO Kansas City | 1109 WRUL 97.3 IL Carri k |
| 1103 KNZU 101.1 MO Carrollton | 1113 WSLM 98.9 IN Salem |
| 1110 KMBN 96.7 MO Memphis | 1123 KTWJ 98.5 MO Farmington |
| 1115 KRGO 98.7 IA Centerville k | 1133 WELC 92.1 IL Charleston |
| 1122 WKLP 96.9 IL Moline | 1149 WRMS 94.3 IL Beardstown |
| 1135 KRRQ 100.7 IA Iowa City r | poor and not seen on very many days. '73's, Al. |

(continued from page 25)

Western TV DX

September 1983

Fred McCormack (continued)

5 tr 0151 **K55BH** 55 MN 160
 (Baudette KTHI-11)
 0650 **KYNE** 26 NE 390
 0653 **K66EI** 66 MN 140
 (Aitkin WDIO-10)

This reporting period was relatively uneventful. A couple of fine Es openings did develop, with the evening of July 24 being the best.

The high heat and resulting temperature inversion produced loggings from a number of needed xtrs on August 5.

I hope something more dramatic is forthcoming!

The following were seen at my office in Halstad, MN:

August 1983

4 Es 1032 **WMAR** 2 MD 1132
 5 Es 1802 **KBTX** 3 TX 1145
 1807 **KPRC** 2 TX 1220

5 tr 0054 **W64AM** 64 MN 165
 (Big Falls WIRT-13)
 0055 **K65BN** 65 MN 105
 (Red Lake WDAY-6)
 0056 **K63AR** 63 MN 105
 (Red Lake WGN-9)
 0139 **W58AI** 58 MN 170
 (Birchdale WIRT-13)
 0141 **K60BO** 60 MN 165
 (Big Falls KBJR-6)



30100 Telegraph Road
 Birmingham, Michigan 48000



300 SO. BYRNE RD.
 TOLEDO, OHIO 43615



P. O. BOX 6146
 BIRMINGHAM, ALABAMA 35209

FRED McCORMACK - 135 Prairiewood Drive - FARGO ND 58103/also DES LACS ND 58733 CST-CDT

Fargo: Heathkit AJ-1600, Winegard CH-7078. Des Lacs: Heathkit AR-15, Winegard CH-6065.

DX at Fargo:

Table listing radio stations and frequencies for Fargo and Des Lacs. Columns include call letters, frequency, and location. Includes sections for MARCH, APRIL, MAY, and JUNE.

HARRY J. HAYES - 9 Henry Street - WILKES BARRE PA 18702

dated June 21, 1983.

I certainly hate to say this, but Summer '83 is turning out to be the absolute worst DX season for me on record. (ed: Get it out of your system, folks, cuz I want every one to be all cheers for Dunkirk).

Wilkes Barre: May 26 Es 1828 WRUZ 93.7 Ocala FL now k from b & really fine signal w/IDs. 1840 WATV 96.9 Jacksonville FL w/ an ad for WTLV channel 12 (TV) and ID.

Thornhurst (10 miles East of W.B.). June 3 Es to OK - 1842 KEBC 94.7 OKC, 1846 KWEN 95.5 Tulsa, 1900 WUWF 88.1 Pensacola FL, 1915 KRAY 96.5 Tulsa w/ many IDs coming through semi-local WPEL for a new one.

BRUCE F. ELVING - 4515 Avenue "E" - KEARNEY NE 68647

Following a 3 month period with no Es (March-June), late June has been a period of so much skip it became boring! (Ed: Just goes to show you can't please anybody, hi!). NEW catches are listed only: June 15 Es WRBH 88.3 educ. "stereo" reading to the blind (Ed: W. Reading to the B.lind and H.andicapped) in New Orleans LA; WKWK 92.3 LaPlace LA; 88.7 KRVS educ in Lafayette LA w/ EE & PF IDs.

96.3 Mariposa CA; KZAP 98.5 Sacramento; KKTQ 101.7 Livermore CA; KEAR106.9 San Francisco w/ a family radio donation pitch; KGB-FM 101.5 San Diego; KBAY 100.3 San Jose w/b, not m music; KFOG 104.5 San Francisco; KXFR 88.9 educ Sacramento not yet having changed freqs.

E-SKIP JUNE 25 WUFT 89.1 educ Gainesville FL; KOIR 88.5 educ Edinburg TX w/ all SS. We had some guests who are from a Spanish-Mexican culture, and they translated, enjoying KOIR's all-g programming. Then WQVE 98.5 Panama City FL; WCLK 91.9 educ Atlanta GA; WSVH 91.1 educ Savannah GA (with telemetry SCA); WRTZ Jacksonville FL 96.1; WJIZ 96.3 Albany GA back in \$ after several years without it; WFTD 89.1 educ Titusville FL. On June 26 Es KSBZ 88.1 Humble TX educ; KLCC educ 89.7 Eugene OR (all now OR): KMTT 93.7 Medford w/ r on main channel & SCA mx; KIJK Prineville b: on 95.3; KXKQ 96.1 Ontario; KWBZ 100.1 Payette ID; KXL 95.5 Portland OR. On June 27 Es KCHO 91.1 educ Chico CA; KEBR 100.5 Sacramento, logged while talking long-distance to a blind DXer from Sacramento, who hrd the ID of his local station over the phone.

ARNOLD LAZARUS - 333 Candee Avenue - SAYVILLE NY 11786

Akai AT2650, Probe 9 & rotor 40' EDT

Table listing radio stations and frequencies for Arnold Lazarus. Columns include call letters, frequency, and location. Includes sections for MAY 6 MS, JUNE, and (JUNE) Es.

RICHARD REESE - 421 Marion Street - JERSEY SHORE PA 17740

EDT

Table listing radio stations and frequencies for Richard Reese. Columns include call letters, frequency, and location. Includes sections for JUNE, 18 Es, 22 Es, and 28 Tr.

NEW DEADLINE..... I've just been informed that my last column was late, and wasn't published as a result. I guess 10 days isn't enuf. So effective immediately, I'm mailing no later than the end of the month, and maybe earlier. I see no need for a deadline for reporters, as getting 37 reports on day before deadline could make things a bit hectic. Instead, mail me your stuff when you feel like it. If you want to be a "regular", every 2 or 3 months would be about right. If your report is especially large - say about one VUD page worth, I'd be thrilled if you could type it as you would like it presented. That's not necessary, of course, but if you wish. Only do it if your print is reasonably similar to mine. I hope that goes with HQ. The type you see on P.4 was an experiment; a sort of proof of performance test. While I'm at it, your reports take 14 days on the average, and some up to 24. One DXer thought .80¢ (airmail) would speed it up. I got 4 reports that day and his took the longest. I've just sent away for some homing pigeons, so if a pigeon arrives at your doorstep, quickly type/write your report for him and give him a cold beer. So I regret any inconvenience, and hope two Northerns this month doesn't bore you to tears.

CLINT McAULIFFE - 14620 NE 35th St. #105 - BELLEVUE WA 98007 JUNE 1983

Hi! I'm getting re-acquainted with DX this year in a new location. I lived back in Greeley CO when I was active with FM DX in 1976-77. I rejoined WTFDA earlier this year and have had only one day of Es for all of June. Not much Tr either. In fact, I have only picked up a few stations from Eastern WA and Vancouver BC via Tr from here. I dare say that CO was a much better place for Es. I logged stations from coast-to-coast. Plus, the FM dial was less crowded and I was not as close to the station transmitters as I am here in Bellevue. I tried out my old 14 element Yagi up here. What a waste! Images all over the dial. So I built a small quarter wave QuadLoop on the Southern wall in my living room. It worked fine. However, after reading Harry Hayes' report of luck with a Radio Shack indoor FM antenna, I went out and bought one. I do like it better than the Quad Quad-loop, simply because I can aim it. I think it is better or just as good as the Quad loop. On to the report. Equipment: Pioneer SX-636 receiver with SCA & quarter-wave Quad-loop near ground level. All DX is Es on June 7 - 83:

Table of radio station reports including call signs, frequencies, and locations. Examples: 1852 KANW 89.1 NM Albuquerque r ID \$ 1210, 1859 KOVO 94.5 NM Gallup k ancer "Smockey Morgan" \$ 1120, 1905 KUNM 90.1 NM Albuquerque k S 1210, 1906 KRST 92.3 NM Albuquerque k 1210, 1906 KFLQ 91.5 NM Albuquerque \$ 1210, 1915 Es fades off FM so try TV & get AZ, NM, 2052 KNBE 88.1 AZ Whiteriver r \$ INDIAN lang. 1190 mi. (this may be your 1853 88.1 r unID), 2111 KHIS 90.3 BJ Tijuana MEX SS r \$ ID SCAMX, 2121 SS r ; 2122 92.1 SS mx \$, unIDs 1130, 2130 KOOL 94.5 AZ Phoenix r \$ SCA Physicians Radio Netwk "Cool-FM" 1155, 2132 XETRA 91.1 BJ Tijuana ER r \$ ID 1130, 2135 KNAX 97.9 CA Fresno k QTH \$ 805, 2137 KCAQ 104.7 CA Oxnard-Venture r "Q-105" \$ 995, 2140 TENTATIVE? KHFG 107.3 Tijuana. t1130, 2155 KPRI 106.5 CA San Diego \$ r ID 1115, 2220 KMBY 107.1 CA Seaside r \$ QTH 805, 2225 KWVE 107.9 CA San Clemente "FM108"1065 new-wave (p)rock., 2230 KXXX 107.9 CA Bakersfield r ID \$ 920, 2245 Es seems to disappear.

Other UnIDs:

1910-12 90.3 g \$; 90.1 e \$; 88.1 \$ e; 89.1 e \$

I hope July turns out to be better. Good DX, Clint.

SEPT. 1982

Table of radio station reports for September 1982. Examples: 1723 WKYS 93.9 DC Washington ID 300, 1727 WWR 89.1 VA Roanoke ID wx (now WVTF-ed), 1750 WVKL 105.9 VA Woodbridge k ID / above 460, 2106 WBLZ 105.5 OH Hamilton-Cincls ID(time?), 1835 WCHS 103.5 DC Washington c ID 300

JAN. 1983

Table of radio station reports for January 1983. Examples: 2302 WCHQ 105.9 MI Charlevoix r ID 475, 2307 GBOFY 102.1 OH Brockville FF c 100

MAR.

Table of radio station reports for March. Example: 1731 WDBN 94.9 OH Medina ID 330

MAY

Table of radio station reports for May. Examples: 1800 WUUU 102.5 NY Rome r k "U-102" 25, 2010 WBSU 88.3 NY St Bonaventure ID 25, 2044 WABS 93.5 NY Rome ID "Star-94" 25 (how come you've never had the 2 Rome's before; are they new; I just got 102.5 for 1st time recently too-ed)

MAY 26 Es cont.

Table of radio station reports for May 26. Examples: 1823 WMPF 90.7 FL Orlando NPR ID 1160, 1900 KRVS 88.7 LA Lafayette ID 1250, 2042 KESS 94.1 TX Ft Worth SS ad "R. Kiss" 1345

EQUIPMENT:

Heathkit AJ-15 receiver & Channel Master Stereo Probe 9 antenna w/ rotor at 35'AGL.

DANIEL E. GETTING - 2882 Old Cedar Grove Rd - BROOMALL PA 19008

MAY 1983

Table of radio station reports for May 1983. Examples: 1 Tr, 0157 WDMT 107.9 OH Cleveland sr, 4 Tr, 0115 CINGT107.9 ON Burlington "FM108" mentioned Toronto happenings. (yes, them for SURE, but what happens in T.O. worth mentioning?)(ed), 5 MS, 1315 KYSM103.5 MN Mankato heard "showers in SD", 6 Tr, 2310 WHOV 88.3 VA Hampton s, 2313 WSEFL 106.5 NC New Bern rs, 7 Tr, 0730 WWWW 107.7 VA Warrenton r, 0731 WPVA 95.3 VA Petersburg k, 0741 94.5 WVVQ VA Richmond r, 0748 WYXL 92.1 Chester VA g, 0800 WJWS 92.7 MD Prince Frederick k ad, 0810 WFLS 93.3 VA Fredericksburg k ad, 0815 WRLX 102.1 VA Richmond, 8 Tr, 0155 WSPFL 106.5 NC New Bern rs, 0159 WKKK 107.9 MA Medford sr, 0206 WKKSS 95.7 CT Meriden b, 16 Tr, 0123 WAQX 95.3 NY Manlius rp wx "95X", 18 Tr, 2321 WBUP 92.9 NY Buffalo r, 19 Tr, 0800 WMRN 88.1 CT Monroe e strong, 0809 WJNG 92.1 NY Sag Harbor rm, 24 Es, 1811 WMCUT 89.7 FL Miami g Miami church, 1825-2001 Es off FM, 2026 KGRC 92.9 MO Hannibal r ID, 2043 KIMI 95.3 IA Keokuk bb ad, 2107-2204 Es off FM 89.7 j 2204 & off FM again 2205-2247., 2258 WINZ 94.9 FL Miami Beh rs, 2300 WMCU 89.7 FL Miami g, 2304 WCMQT 92.1 FL Hialeah SS, 2318 Es off FM., 25 Tr, 2015 WOBR 95.3 NC Wanchese b, 2200 WJSE 91.1 VA Norfolk j ID, 2200 v.g.-exc. Tr from Tidewater. Norfolk in \$ on locally used freqs., 26 Tr, 0040 WKKK 107.9 MA Medford sr strong, 0100 WMYK 93.7 NC Elizabeth City pr, 0200 WBRU 90.9 MA Boston j, 0202 WCTY 97.7 CT Norwich k ID, 0205 WAAF 107.3 MA Worcester rp, 27 Es, 1001 KJMR 89.7 IA Council Bluffs c ID, 1002 KDFS 88.1 IA Ft Dodge r ID, 1008 KIMI 95.3 Keokuk IA, 1010 KGRC 92.9 MO Hannibal r

JUNE 8 Es

Table of radio station reports for June 8. Examples: 1802 KSEW 88.1 TX Humble "88FM"ID 1385, 1804 KSAU 90.1 TX Nacogdoches NPR 1285, 1805 KTKC 92.7 IA Springhill 1175, 1811 KLEJ 93.7 TX Austin TC ID r 1480, 1811 KIKS 93.3 TX Killeen "Kix" r 1445, 1820 FADE-OUT., 13 Au 0004 WSMC 90.5 TN Collegeville s-off 4745

Table of radio station reports for June 8 (continued). Examples: 1020 WAAG 94.9 IL Galesburg k ad, 1039 KGLI 95.3 IA Washington r ID, 1042 KFLN 97.1 NE North Platte r ID, 1047 KNEV 94.7 NE Norfolk ID, 1050 KNTJ 97.7 IA Clinton m ID, 1100 KTFG 95.3 IA Iowa Falls ID, 1100 KOUR 95.3 IA Independence ID nx, 1101 KUSD 89.7 SD Vermillion ID, 1106 KLGK 97.7 MN Redwood Falls ad nx, 1190 WJXX 95.9 MN Forest Lake ID (I left), 31 Tr, 0130 WKKK 107.9 MA Medford sr, 0146 WBRU 90.9 MA Boston j, 0202 WJJB 97.7 NY Hyde Park rp "98-Fame"ad, 0305 WYLL 92.1 VA Chester g, 0316 WJYQ 95.9 CT Norwalk r ad "Q96", 3 Es Occasional Es surges up FM from 1847 to 1930., 4 Tr, 1930 WPMV 106.3 NJ Blairstown r ad "FM-106", 5 Es Occasional, surges to FM 1910-24 w/95.3 k and 97.1 rp., 7 Es, 1531 WCRPT 88.1 PR Guayama SS g/1549 off FM, 10 Tr, 0720 WPVA 95.3 VA Petersburg k, 0721 WDMT 100.9 VA Warsaw k, 0724 WRAL 101.5 NC Raleigh rm, 0726 WRPK 106.5 VA Richmond c, 0729 WNCN 107.9 NC Greensville b, 0735 WCFE 89.7 NC Raleigh e ID, 0737 WKNC 88.1 NC Raleigh r, 2215 WOBR 95.3 NC Wanchese b, 12 Au A index 65, Au in lower FM, 2310 peak., 21 Tr, 2234 WSQV 97.7 PA Jersey Shore rp, 23 Tr, 0130 WKKK 89.7 OH Kent ID prev. by Au., 0145 WKRK 90.9 NY Brooklyn rp ID, only 8 w??, 0203 W220AA 91.9 NJ Parlin WVRM ID, 0215 WSPFL 106.5 NC New Bern in well, 0246 WBAB 102.3 NY Babylon rp, 0300 WMBB 107.1 NY Hampton Bays ID r, 0302 WQDW 97.7 NC Kinston s ID, 0900 WOBR 95.3 NC Wanchese b, 2359 WYSU 88.5 OH Youngstown c ID, 25 MS, 2243 KSEJ 88.1 TX Humble ID (ed.Methinks this to be what is increasingly known as SPORADIC Es. There was at time & meny had this area. My theory on the lack of Es is that the government has built a big dome to keep out unwanted signals. Brief of your ed's silliness & onto the report...), 27 Es, 1730 KDSU 91.9 ND Fargo ID, 1752 Es off FM. Again briefly 2216-18., 27 Tr, 2242 WEEZ 107.1 PA Scranton PSA rp

Called up station and asked if they had the BB game and person answering said no, then asked if the name meant anything and he said, "That's me!" Mr. Ramsey says KLCY's translators are heard in five states. KQUY 95.5 Butte, MT 2337 r, "Y-95" Butte Plaza Mall ad. 7/22 MS WPLJ 95.5 New York City 2322 (865) caught calls.

7/23 tr KLVN 95.9 Newton, IA 0000 s/off (150), KEEZ 99.1 Mankato-Blue Earth, MN, r, "FM-99" (305), KQTB 98.3 Spring Grove, MN 1026 w/k & r mx (220), WPRE 94.3 Prairie du Chien, WI 1030 (175), WBYS 98.3 Canton, IL 1035 nx & wx (35), WRCO Richland Center, WI 1055 r (200), KNEI 103.9 Wauken, IA 1105 r oldies (200), WSDN 88.9 Notre Dame, IN 2100 c (240), WLNK 88.9 Lincoln, IL 2107 "LNX-89" r (70), WJMU 89.5 Decatur, IL 2116 r (100), WISU 89.7 Terre Haute, IN 2126 Raggae mx (180), WBLV 90.3 Twin Lake, MI 2145 Blue Lake Jazz Pgm., (300), WJRE 92.1 Kewanee, IL 2150 (65), WJTY 88.1 Lancaster, WI 2205 g mx (165), WAJP 93.5 Joliet, IL 2246 (155).

7/24 - I put up and guyed a 30 ft. telescoping mast. Extra 10 ft. makes an improvement, especially to the SE and E where a 70 foot tree is a few feet from the antenna. Great Es opening in the evening which I caught in progress. WOVV 95.5 Ft. Pierce, FL 2014 (1070) Johnson Chrysler-Plymouth ad, WPCV 97.5 Winter Haven-Lake-land, FL 2020 (1000) ID, WNNF 97.9 Palm Beach, FL 2022 (1125) r w/Jay Michaels DJ, WROO 96.5 Orlando, FL 2024 (980) r, "Stereo-96," WVMF 94.1 Lakeland, FL 2026 Carol's Uniform Center ad, WVKA 92.3 Orlando gave request line phone # 424-92FM 2030, WCKS 101.1 Cocoa Beach, FL 2039 (1015) Gatsby's Eatery ad, WYNF 94.9 Tampa, FL 2046 (980) ID, WNOE 101.1 New Orleans, LA 2122 (730) w/Country Countdown, WEZB 97.1 New Orleans 2125 "B-97-FM" Sanger Theatre ad, WLIN 95.5 Jackson, MS 2130 (570) "Linn" w/Tim's Chevrolet ad, WQUE 93.3 New Orleans 2132 "Q-93" w/r oldies and remote from Bert's restaurant, KZZQ 94.3 Galliano, LA 2135 (775) w/Galliano IGA ad, KYKZ 96.1 Lake Charles, LA (730), 2215 "Lake Country" w/k mx, KDEA 99.1 New Iberia, LA 2230 (735) ID, KTIZ 96.9 Alexandria, LA 2230 (645), "Piz," KQKI 95.3 Bayou Vista, LA 2232 (755) wx, then the MUF rapidly fell; got unexpected KTKT 88.1 Lubbock TX 2300 (775) w/disco, which soon vanished when rain and thunderstorm hit here.

7/25 tr WKMS 91.3 Murray, KY (300) 0204 s/off, WKIK 100.9 Pana, IL (108) 1828 k mx, WNOI 103.9 Flora, IL (165) 1844 k mx, WKJF 92.9 Cadillac, MI (370) 1903 ID, nx, WBEI 92.9 Olney, IL (175) thru pest KGRG - think they had hard rock, WQEL 106.3 Benton, IL (185) 1918. 7/26 tr WAUR 107.9 Aurora, IL (145) 1058 nx, then r. Am getting audio from MTV on this freq. w/ant. to NE & E w/no local IDs. The TV cable radiation here is unbelievable and it is probably related to that (the cable company and city attorney are looking into it), KICD 107.7 Spencer, IA (290) 1106 Burns Motor Co. ad, WCCN 107.5 Neillsville, WI (175) 1116 ad for businesses in Loyal, WI, KRQC 106.9 Rochester, MN (260) 1137 r "The Music Source," WKRK 107.1 Vandalia, IL (125) Fayette Co. wx then r, WRMS 94.3 Beardstown, IL (32) 1555 ABC Contemp. nx, then r, KMAQ 95.3 Maquoketa, IA (110) 1632 sports and ID. Closest unheard is WLRX 100.1 (72) on same freq. as local WKAI. I can actually get somewhat of a null on WKAI to the SE so they may yet be heard. #1 goal here is to get Es in that null. WBOD 100.9 (35) also unheard, but they must be silent as WBYS 98.3, same city, nearly pins the meter. KLYF 100.3 Des Moines, IA (170) 1733 "Life" w/beaut. mx, KZNN 105.3 Rolla, MO (180) 2000 "Country-105" also "Cousin Country," KELO 92.5 Sioux Falls, SD (375) 2031 w/ant. SE towards WBKR, KSEZ 97.9 Sioux City, IA (330) 2050 First Ntl. Bank of Sioux City ad, KNWC 96.5 Sioux Falls, SD 2100 Volunteer Info. Ctr. ad, religious programming, KMCO 98.7 Centerville, IA (120) 2100 Steve Thompson show w/r, KOEL 92.3 Oelwein, IA (165) 2105 "Country Fresh FM." Their AM station was one of my first BEB DX catches from MA in the 1950's, KYNN 94.1 Omaha, NE 2110 ID.

7/27 tr KBFL 90.3 Buffalo, MO (230) 0545 k-rock, KLDN 92.7 Eldon, MO (180) 0600 k mx, nx, KSHO 95.9 Salem MO (205) 0607 Dent Co. nx, WZZR 102.7 Memphis, TN 0625 (375) "Rock-103," WKXI 105.9 Memphis 0645 "New Kix-106." 73.

Michael L. Hogan - 13910 Chippewa Ave. Apt. #1 - Burnham, IL 60633
Equipment: Panasonic RF-2600, RF-1115, and
Magnavox MX-1143 with Radio Shack Indoor "Ears."

DX has picked up slightly with Es on the scene several times during the month of July. The following new stations were received as a result of that Es.

7/24 Es 2000 WINZ 94.9 FL Miami Beach, 7/24 Es 2200 KWTX 97.5 TX Waco, "I-95," ads wxcast, ID
73's Mike

Dave Brunfield - 1618 Chester Blvd. - Richmond, IN 47374

6/14 Es
1657 KCBI 89.3 TX Dallas
1755 KWLV 93.9 TX San Angelo
6/22 Es
1230 KSBJ 88.1 TX Humble, ordained station
1257 KPVV 91.3 TX Prairie View
6/23 tr
1513 WSMI 106.1 IL Litchfield
6/25 Es
1818 KNFM 92.3 TX Midland
1819 KXTT 88.1 TX Lubbock
1827 KIXY 94.7 TX San Angelo
1843 KOEE 94.9 TX Laredo
1853 KITY 92.9 TX San Antonio
1902 KSUC 88.3 TX Keene
1914 KBIL 92.9 TX San Angelo
1929 KUHN 92.1 TX Sonora
1935 KPMN 107.9 TX Abilene
1959 KOAX 105.3 TX Dallas-Fort Worth
2000 KEBA 90.1 TX Dallas-Fort Worth
2007 KLVU 98.7 TX Dallas-Fort Worth
2009 KKKK 99.1 TX Odessa, "Love-99"
2011 KEAN 105.1 TX Abilene
2015 KWMJ 103.3 TX Midland-Odessa
2030 KACT 105.5 TX Andrews
2048 KTON 106.3 TX Belton
2050 KKCC 106.9 OK Clinton
2100 KUPO 97.9 TX Odessa
2120 KWKI 95.3 TX Big Spring
2126 KORQ 100.7 TX Abilene
6/26 Es
1101 KGRE 92.5 CO Greeley
1104 KUNC 91.5 CO Greeley
1108 KNEB 94.1 NE Scottsbluff-Gering
1152 KHEB 93.1 SD Sturgis-Rapid City
1156 KSQY 95.1 SD Deadwood, "Sky-95"
1200 KKRJ 93.9 SD Rapid City
1210 KQDY 94.5 ND Bismarck
6/28 Es
1138 KQIZ 93.1 TX Amarillo
1150 KRDF 98.3 TX Spearman-Gruver
1156 KWXL 94.1 NM Albuquerque
1158 KOB 93.3 NM Albuquerque
1200 KFLQ 91.5 NM Albuquerque
1221 KANW 89.1 NM Albuquerque
1232 KPFG 107.9 NM Albuquerque
1337 KYGO 98.5 CO Denver
1349 KTAK 93.9 WY Riverton
1406 KOLL 93.5 WY Gillette

6/29 tr
1836 WYPC 101.5 OH Gallipolis
6/30 Es
1400 KCME 88.1 CO Manitou Springs
KSBJ 88.1 TX Humble
7/3 Es
1530 WQID 93.7 MS Biloxi
1545 WQUE 93.3 LA New Orleans
1600 KXAAA 93.1 TAMS Reynosa
7/11 tr
1133 WCRC 95.7 IL Effingham
1152 WQBE 97.5 WV Charleston
1430 WTCR 103.3 WV Huntington
1443 WKDF 103.3 TN Nashville
7/12 Es
1023 WNGS 92.1 FL West Palm Beach
1032 WGTL 93.5 FL Vero Beach
1040 WWL 93.9 FL Miami Beach
1045 unID 92.1 FL Hialeah?, SS
1057 unID 100.7 FL Ft. Lauderdale-Miami
1105 unID 95.5 FL Key West
1122 WINK 96.9 FL Ft. Myers
1215 unID 93.1 MX SS
1237 KODK 92.7 TX Kingsville
1252 unID 94.7 ?? SS
1259 unID 91.7 ?? SS
7/14 tr
0301 WQAL 104.1 OH Cleveland
7/14 Es
1640 KKNJ 93.1 ?? to Northeast
1700 unID 88.1 ?? to Northeast, FF
1854 KSQY 95.1 SD Deadwood
1900 KESD 88.3 SD Brookings
1908 KKEJ 93.9 SD Rapid City
1913 KLOE 98.7 MN Pipestone
7/19 tr
1130 WSSR 91.9 IL Springfield
7/24 tr
0900 WFPN 88.5 WV Charleston
0900 WFPW 88.9 WV Buckhannon
7/25 Es
0020 KSEL 93.7 TX Lubbock
0022 KKKY 96.1 OK Oklahoma City
0025 KZOR 94.1 NM Hobbs, "Z-94"
0037 KENW 89.5 NM Portales
7/29 tr
0230 WJEZ 104.3 IL Chicago
7/29 Es
1252 unID 93.3 LA New Orleans?, "Q-93"

John Ebeling - 9209 Vincent Ave. S. - Bloomington, MN 55431

From Bloomington, MN Location:

7/14 Es
1758 WFAB 90.7 NC Charlotte
1800 WEPB 90.1 SC Greenville-Anderson
1800 WNSC 88.9 SC Rock Hill
1800 WBJA 88.1 SC Sumter
1800 WJWJ 89.9 SC Beaufort
1800 WLTR 91.3 SC Columbia
(All // programming - SC Network)
1805 WAGI 105.3 SC Gafney
1807 WIVK 107.7 TN Knoxville
1816 WKTN 102.5 SC Charleston
1819 WCOS 97.9 SC Columbia
1823 WTWE 92.1 SC Manning

7/14 Es
1825 WKIK 96.1 NC Shelby, "FM-96"
1827 WNCV 96.7 KY Paris, "Nice-97"
1857 WTVF 89.1 VA Roanoke
1859 WKQB 107.5 SC St. George
7/19 Es
1600 CHIK 98.9 PQ Quebec
7/19 tr
1628 WDUZ 98.5 WI Green Bay, "FM-98"
(Local off air)
7/21 tr
0000 KKSD 101.5 SD Gregory
(Time is CDT)

- Continued -

*Once again, severe weather causes its own Es. A widespread severe thunderstorm knocked local Ch. 2 off the air and I received Montreal on Ch. 2 and a lone French FMer. 1/2 hour after front passed, Es gone but tropes better than average.

From Prosit, MN Cabin Location:

Table listing radio stations and frequencies for John Ebeling's section. Includes call letters, frequencies, and locations such as Mankato, Hampton, Charles City, Ames, Neilsville, Laplace, AL Mobile, Milton-Pensacola, Panama City, Andulsia, Panama City, St. Petersburg-Clearw., Myrtle Beach, Asheville, Wilmington, Charlotte, Columbia, Sumter, Rock Hill, Charleston, Beaufort, Greenville-Spartanburg, Savannah, Greenville, Savannah, Greenville, Savannah.

Ronald Purdum - Route #1, Box 224 - Byron, MN 55920

Equipment: Realistic STA-111 and Archer "Stereo Supreme" FM Antenna w/Coax Lead-in.

Table listing radio stations and frequencies for Ronald Purdum's section. Includes call letters, frequencies, and locations such as San Angelo, San Antonio, Beaumont, El Paso, El Paso, Ciudad Juarez, Roswell, Carroll, Hibbing, Savannah, Atlanta, Orlando, Jacksonville, Jackson, Dublin, Green Cove Springs, Sandersville, Valdosta, Evergreen, Andalusia, Clearwater, Jacksonville, Whiteville, Charleston, Sumter, Laurens, Charleston, Anderson, Kannapolis, Shelby, Hazard, Hickory, Dillon, Augusta.

- Remarks Continued -

Only the latter part of June and the middle of July had some productive FM-DX while E-skip right after the 14th just "burned off." On the 29th of June, WJGA-FM 92.1 had just talk. I wonder if that's their format? In the FM Atlas their format is soul. (Could anybody help me on that?).

In local FM news, KRPR 89.9 FM is off for the summer. From June 30th to July 6th, KRCC-FM went off the air due to a blown transformer caused by an intense thunder storm occurring on the evening of the 30th. (I wonder if that was well "made up!") Well, that'll wrap up another report for this month. This is the start of my third year with the club and where's that "Mailbox" Column in the VUD? I surely miss it! (Watch for "Mailbox" to return soon. At least, that is what I heard in Dunkirk. He) See you in 30 and good DX.

Bob Zent - 1835 Fruit St. - Huntington, IN 46750

Table listing radio stations and frequencies for Bob Zent's section. Includes call letters, frequencies, and locations such as Miami, Tallahassee, New Orleans, Killieen, Crockett, Waco, Fort Worth, Fort Worth, Dallas, Shreveport, Corsicana, Victoria, Pine Bluff, Dallas, Austin, Houston, Oberlin, Omaha, Council Bluffs, Sweetwater, Lexington, Gordon, Scottsbluff, Alliance, Des Moines, Ida Grove, Grand Island, Sturgis, Sioux City, Rapid City, North Platte, Sioux City, El Paso, El Paso, St. Louis, San Angelo, Hobbes, Ann Arbor, OH Sylvania, Detroit, Galesburg, Nashville, Clearwater, Pensacola, Punta Gorda, Orlando, Plantation Key, Fort Myers, Sunrise, Big Pine Key, Kingsville, Houston, Center, Houston, Beaumont, Natchitoches, Edinburg.

- Continued -



Fred Nordquist
7945 Boxford Road
Clay, NY 13041

Table with FM station call letters, frequency, and location for the week of 7/24 Es.

2237 KZPM 95.5 TX Corpus Christi, wx1130
Some nice openings this month resulting in lots of new loggings. Iowa, Alabama, and Arkansas are new E-skip states for me.

Ralph Strobel - 2300 E. McGalliard Rd. - Muncie, IN 47303

Table with FM station call letters, frequency, and location for the week of 7/12 Es.

Table with FM station call letters, frequency, and location for the week of 7/14 Es (Closest E-skip ever).

Table with FM station call letters, frequency, and location for the week of 7/18 Es.

E-skip was very average this summer. The August meteor showers prove to be one of the poorest years ever. The tropo situation has been even worse!

73. R.A.A. +

September 1983

Deadline: the 5th

FM SCOREBOARD table listing station rank, call letters, frequency, and various performance metrics.

Notes: V=Verified (QSL's). Several members entries were dropped from the standings due to no updates received since 1981.

You got the word on page 34 of the July 83 VUD --- we need your stats updates --- I plan on doing an update of Stats Stats and Distance records next month.



KTRO
335 Muncie Road
Leavenworth, Kansas 66048

Beautiful Country FM 99.9

TELEVISION NEWS

Bill Fahber, editor
336 Atlantic Street
Bridgeton, N.J. 08302

RETROSPECT: BROADCAST REPEATER STATIONS

Before the FCC opened up UHF television channels to television broadcasting, several companies, such as RCA and DuMont, experimented with UHF to study its propagation characteristics. These experiments revealed that greater power would be needed, that signal strength would drop rapidly after a certain distance, and that there would be areas shadowed by intervening terrain within the station's coverage area.

In the early fifties, after UHF television stations came into existence, the expected problems with UHF became reality. As a result, UHF stations couldn't gain parity with VHF, and couldn't become part of an economically sound nationwide television service, and therefore deprived many communities of their first television service and other communities of multiple competing television services. A large number of the earlier UHF construction permits never went on the air, and many of those which did soon shut down.

UHF seemed like it couldn't give television the boost it needed. But other ideas were being developed.

WJTV, channel 25 in Jackson, Mississippi, had trouble covering portions of Vicksburg, only 35 miles away, because of areas being shaded by a ridge of hills. RCA experimented with an amplifying transmitter: a small transmitter operating on the same channel as the main transmitter in Jackson, and dependent on that main transmitter for the generation of carrier frequencies and modulation. This amplifying transmitter would serve only a particular area which was shielded from the main transmitter. The RCA experiment showed no major difficulties in the use of signal amplifiers. Adler Communications Laboratories experimented with a UHF signal amplifier in Waterbury, Connecticut, and Sylvania Electric Products, Inc. experimented with one in Emporium, Pennsylvania. WSM, Inc., experimented with signal boosters in VHF.

The Radio-Electronics-Television Manufacturers Association (RETEMA) established a committee to study the UHF problem. That committee's interim report suggested that amplifying transmitters could be used without interference to normal service rendered by the main station, and without co-channel interference to other stations.

With all these reports favoring the use of amplifying transmitters (which shortly became known as signal boosters), the FCC felt justified in initiating a proposed rule making to authorize use of signal boosters.

Another idea which the FCC came up with was the satellite station, a UHF broadcast station which, instead of originating any local programming, would rebroadcast the programs of an established broadcast station. These

satellite stations otherwise would have to meet all FCC rules pertaining to regular broadcast stations. On August 5, 1954, the FCC adopted a policy permitting UHF stations to operate as satellites, hoping to increase incentive for the construction of new television stations in areas which otherwise might not be able to support them. By not having to originate programming, the satellite station should be more economical to operate. The FCC anticipated that eventually these satellite stations would begin to broadcast some local programming, and perhaps eventually become full-fledged stations.

Although the booster station rulemaking was still pending, a third idea was adopted by the FCC in 1956: the translator, then defined as "a piece of equipment which receives the signals of a television broadcast station and retransmits them on one of the numbered UHF channels between 70 and 83." Translators were limited to the upper fourteen UHF channels in order to reduce the possibility of harmful interference to broadcast stations.

On January 11, 1956, the FCC adopted a temporary set of rules, authorizing translator stations, while at the same time soliciting comments from the television industry and the general public on the adoption of permanent translator rules. While booster stations were still being looked into, translators were immediately established as an auxiliary television service. While boosters were being designed to fill in shadow areas within a broadcast station's coverage area, translators were intended to cover areas beyond the normal range of a television station. Under these temporary rules, translators were limited to the upper fourteen UHF channels, with a maximum of ten watts into the final IF amplifier. (Effective radiated power could be somewhat greater.)

One issue raised by the opponents of translators was that they could have a negative effect on television: although it would provide television service to a community otherwise without service, it could also preclude the possibility of a local television station being built in that community. Also, a translator in a community already having a broadcast station could become a competitive threat to that station's existence.

Although the final rules for translators were adopted on May 23, 1956, it wasn't until April, 1957, that the FCC dealt with the competition issue. The FCC proposed that authorizations of translators be limited to communities and areas in which there is no television broadcast station, and that translators cease operation upon the commencement of operation by an authorized television broadcast station in that community or area. Commenters in favor of that proposal argued that regular television stations in marginal markets cannot compete successfully with community antenna systems and translators.

Those opposed to the FCC's proposed ruling

argued that all communities, irrespective of size, are entitled to a choice of programs and should not be restricted to a single program service. Rather than draw away potential viewers from a television station, they argued that the addition of a second or third choice would add incentive for more residents to purchase television sets, thus increasing the potential audience. Competition from a translator could also provide an incentive for broadcast stations to improve the quality of their programming.

In August, 1957, the FCC decided not to adopt the proposed ruling. Translators would be permitted to operate within the coverage area of full power broadcast stations.

Meanwhile the issue of booster stations continued to drag. Several parties commenting to the FCC's proposed ruling on boosters advocated the authorization of VHF boosters as well as UHF. But the FCC rejected the idea of VHF boosters. Several unauthorized VHF boosters were studied by the FCC, and were found to be incapable of proper functioning. The refined equipment and technical supervision required for proper operation in the crowded VHF spectrum would make their operation impractical. Also, the problem of shadow areas in VHF is nowhere near as serious as it is in the UHF band. Translators seem to be very capable of correcting the problem of VHF shadow areas by transmitting a signal in the upper UHF band, where they won't produce harmful interference.

Another issue was the extent to which boosters could be used. The FCC's newest proposal, as of June 27, 1957, proposed the use of boosters in shadow areas only within the station's grade A contour.

Governor McNichols of Colorado argued, nevertheless, that VHF boosters are preferable and more adaptable to mountainous regions in the western United States than are translators. Considering his petition to allow VHF boosters, the FCC on July 29, 1957 proposed yet another form of auxiliary service: the Low Power Television Broadcast Repeater Station. This type of station could repeat the programming of a broadcast station on the same channel, or on any other channel, and can operate in any location, shadow or not, within or outside the Grade A contour, as long as it doesn't cause interference to other services and direct reception of television signals from other stations. Power would be limited to one watt input to the final RF amplifier.

Governor McNichols' petition for VHF boosters drew a lot of support from those already operating unauthorized boosters and from communities being served by those illegal boosters, but those supporters objected to the extent at which the FCC demanded protection from interference to other services. Advocates of low power TV repeater stations failed to show evidence that UHF translators wouldn't be superior in performance to low power boosters. The FCC concluded that UHF translators were superior to VHF translators and boosters in signal quality and extent of coverage. TV boosters lost their stability

when amplification is high, and extreme care is needed in their design and installation to prevent improper operation and interference.

The FCC decided to reject Governor McNichols' petition, and refused to authorize VHF translators, VHF boosters, and low power TV repeaters on December 30, 1958.

With the increase of Community Antenna TV systems, translators, satellite stations, and the possibility of VHF boosters and low power TV repeaters, many television broadcasters are getting upset about the adverse impact on existing and potential broadcast television stations, and these fears are being voiced to the FCC.

NEXT MONTH: BROADCASTERS FIGHT BACK AT AUXILIARY TELEVISION SERVICES.

SPANISH INTERNATIONAL COMMUNICATIONS CORP. IS BEING INVESTIGATED BY THE FCC.

In 1980 Spanish International Communications Corp. (SICC) applied for a translator on channel 36 in Denver, Colorado, which would retransmit signals from the Spanish International Network (SIN), received by satellite. On March 20, 1980, Spanish Radio Broadcasters Association (SRBA) filed an objection to the translator, but the FCC granted a construction permit on March 28 despite the objection. The translator was experimental, and given the call letters KA2XEG.

On April 11, SRBA filed an "Application for Review of Action Taken Pursuant to Delegated Authority" (the delegated authority being the Broadcast Bureau). In this application three accusations were raised by SRBA against SICC: (1) that SICC was under alien control, a violation of the Communications Act, (2) that SICC misrepresented facts to the FCC concerning its ownership of earth stations (for satellite pickup), and (3) that SICC violates the FCC's concentration of control policies with regard to its control of Spanish television in the United States.

The FCC has been undergoing an informal investigation of SICC for the past three years and came to the conclusion that two of the accusations were without merit. SICC confirmed that its ownership of earth stations was as stated by showing its operating and financial records. Also, while SICC has heavy influence over foreign producers of Spanish language programs and other Spanish broadcasters are having difficulty obtaining Spanish programming, the FCC could find no evidence that SICC acted specifically to reduce competition in the Spanish marketplace.

But the first accusation still remains: the question of alien control of SICC, and hence the alien control of its five television stations and two other television stations indirectly connected with SICC.

The five stations owned by SICC are KWEX-TV (channel 41, San Antonio, Texas), KMEX-TV (channel 34, Los Angeles), WXTV (channel 41, Paterson, New Jersey), WLTV (channel 23, Miami, Florida), and KFTV (channel 21, Hanford-Fresno, California). Bahia de San Francisco Television Company, a corporation controlled by principals of SICC, owns KDTV, channel 20 in San Francisco. KITW-TV, channel 33 in

Phoenix, Arizona, owned by Seven Hills Television Company, is also controlled by principals of SICC. SICC also owns translators K42AB (Austin, Texas), K39AB (Bakersfield, California), W61AK (Hartford, Connecticut), W35AB (Philadelphia, Pennsylvania), and K42XEG (channel 36 in Denver). Seven Hills owns K40AC in Tucson, Arizona.

While some of the above stations' licenses have been up for renewal, the FCC is calling on the remaining to apply for license renewal immediately. All of the license renewals will then be grouped together in a consolidated hearing (not the type usually reported in this column, where mutually exclusive applications are involved), and the FCC will then look into the qualifications of SICC, Seven Hills, and Bahia de San Francisco to hold television station or translator licenses.

One question which the FCC will look into is: Are SICC, Baha de San Francisco, and Seven Hills controlled by aliens? According to the FCC, no more than 20% of a station can be owned by foreign individuals or foreign companies. That 20% is owned by Televisa, a Mexican corporation which produces most of Mexico's programs and controls most of Mexico's broadcasting outlets. Reynold V. Anselmo, born of Italian descent, brought SICC into existence, and is now president and 22% owner of SICC. He is also founder, president, and 25% stockholder of SIN National Spanish Television Network, an American network, of which the other 75% is owned by Televisa. The FCC has no control over networks or program distributors, but has indirect control over some of their activities by its control over stations that make contracts with them. SIN (Spanish International Network) is a network with the previously mentioned stations as affiliates, plus about 200 cable television outlets with a service called Galavisión.

The FCC also wants to know about SIN, a network, being permitted by SICC to control local advertising rates, in violation of section of section 73.658(h) of FCC rules. Here's where a sticky situation, and somewhat complicated, comes in. Colgate-Palmolive Company has a subsidiary in Mexico, but has problems down there because the Mexican government does not allow money to be sent out of the country, leaving them unable to transfer their profits. When the company decided to allot \$2 million to Spanish radio advertising in the United States and \$1 million to Spanish television, SIN suggested that if Colgate-Palmolive increase the television budget to \$2.5 million and cut the radio budget, their Mexican subsidiary could pay Televisa with the money trapped in Mexico instead of the company paying SIN. This action deprived other nonaffiliated

Section 73.658(i) normally would prohibit SIN from representing its affiliates in the sale of time to advertisers for non-network hours of programming (again, this being done by regulating the station, not the network). But SICC and Bahia de San Francisco were given waivers to this rule. The FCC quest-

ions whether this waiver is still in the public interest.

PHILADELPHIA TELEVISION STATION TO CLOSE DOWN!

At a time when UHF stations are much better off financially than since they began thirty years ago, one big city station is going off the air. Not because of the FCC. Not because of economic problems. It just decided to shut down. WKBS-TV, channel 48 in Philadelphia, Pennsylvania, the fourth largest market area in the United States, is scheduled to pull the plug on August 29, 1983.

WKBS-TV went on the air on September 1, 1965 in the afternoon. (I remember myself watching the test pattern that day, waiting for the first program: one of their announcers dressed in a makeshift space costume introducing the cartoons. WIBF-TV, channel 29, had been on the air for four months already, had no color programs, and carried a very weak signal. WPHL, channel 17, came on two weeks after WKBS, and had a good picture. Up to that year, Philly's only UHF was WUHY, channel 35, rebroadcasting WHYY-TV's daytime classroom programs with a poor signal.) The call letters stood for Kaiser Broadcasting System. It was later sold to Field Communications, which decided to keep the call letters.

Field Communications owned five television stations, as well as the Chicago Sun-Times and several cable properties. The two sole stockholders, Marshall and Frederick Field, decided to sell all of their assets. The other four television stations were sold, but no buyer was found for WKBS-TV. Nobody knows why and the Field brothers aren't talking. Speculation has it that they were asking too high a price. It's been brought out that the market itself is not growing, and the advent of cable TV to Philadelphia will mean more competition. The station lost its only major sports attraction when the 76ers signed up with WPHL-TV. Nor has WKBS-TV been active in signing up the most popular syndicated programs. (and paging thru TV Guides for the logo above, I noticed that the other Philadelphia UHF's have much more advertising.) Field Enterprises says that it can make more money by selling the equipment to other stations, which it has already begun.

The failure of WKBS-TV to compete has been very obvious. It lost the contract to the 76ers because it wouldn't meet their price until after they gave WPHL a verbal commitment and then offered more money. The 76ers also noted that WPHL is doing a lot more promotion of their games than WKBS-TV ever did. As far as bidding for syndicated programs, the only programs they've signed up were the ones that none of the other stations wanted.

There has been one minor issue relating to this story. Pat Farnack, their news reporter, was given a contract for two years a few months ago, at a time when they knew they were going off the air. While she could legally have forced them to remain on the air during the time of her contract, she agreed to a huge sum of money instead.



SPOTLIGHT ON NEW STATIONS



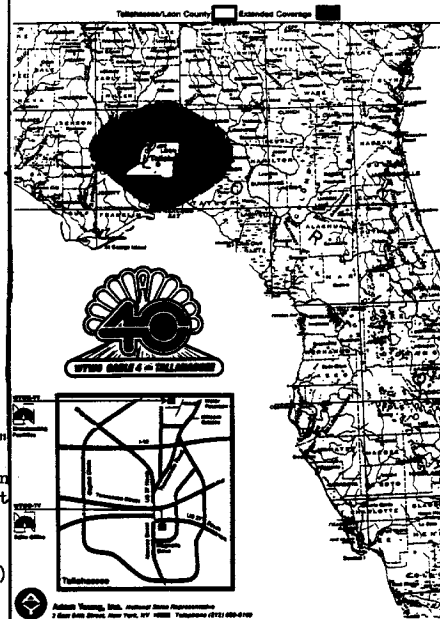
KTXH-TV, channel 20 in Houston, Texas, has been on the air for some time now. Station manager Drew Pfeiffer wrote, "Curiously your letter was written on the day of our disastrous tower collapse. Since then we've had far too much to do to respond. But now we're back on the air and doing quite well. Thank you. So I'm taking a few minutes about the information you requested.

"The station is a UHF independent television station which went on the air November 7th 1982. We are already a force in the market and the South Texas area in general due to our emphasis on great movies and sports (Rockets, Astros, and College sports)."

Although the station has been back on the air for some time, Joe Gragg says from his own observations that KTXH is not yet operating at full power.

The material sent to me from KTXH is all advertiser oriented, comparing its ratings to the other independent stations (KRIV and KHTV) in Arbitron and NSI sources. But if the statistics can be trusted, then KTXH is doing a good job in the Houston market.

Coverage Map WTWC-TV Tallahassee, Florida



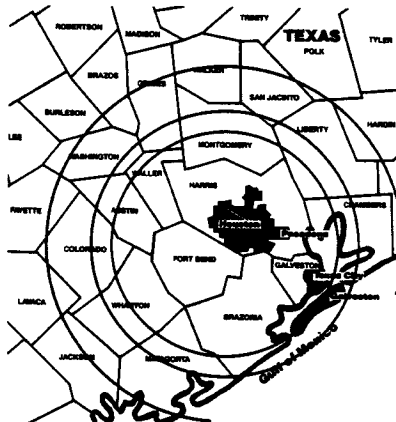
WTWC-TV, channel 40 in Tallahassee, Florida, was scheduled to go on the air back in October, 1982, but problems with their transmitter tower and power transformer caused six months of

delays. The balky transformers caused a delay until November, and WTWC-TV was scheduled to go on in January. The Superbowl was scheduled to be broadcast on its first day on the air, but on the day before somebody noticed that the antenna tower was warped, unable to hold the weight of the antenna, which weighs 1.7 tons. The station finally went on the air with a temporary disc antenna, operating with 206 kilowatts instead of the 3400 kilowatts they had planned for. The station is using a borrowed antenna, much lighter, on the temporary tower now being used. Because of the tower problems, the station didn't go on the air until April 12, 1983. They are looking into the prospect of another tower, which will cost about \$300,000. The station suffered a major financial loss because of the tower: The months of February and March are heavy months for network programming. They are seeking the possibility of recouping both the money lost on the first tower, and the loss of ad money during the delay caused by the poorly designed tower.

Because of the weaker signal, reception is poor in southern Georgia and to the east. There is presently no local programming but the station is planning to begin a local news program in the near future. The station is presently operating from 6 a.m. to 2 a.m.



20 KTXH Television Coverage Map

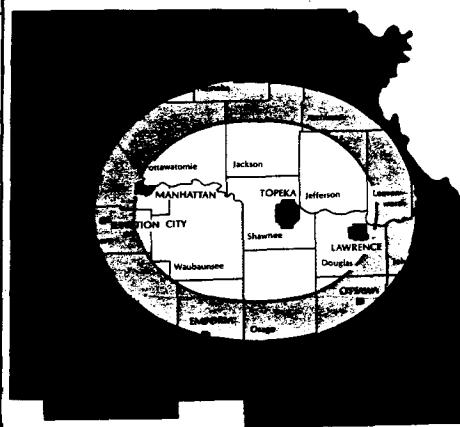


ADI: 1,342,700 total households
TSA: 1,933,600 total households
Houston Market Rank: 11

Tallahassee, the capital city of Florida, is 127th in the ADI television markets (area of dominant influence), and growing: as much as 42% from 1970 to 1980. This growth record is part of the reason the other television stations in Tallahassee were looking forward to another station moving in the area. Jim Matthews, manager of WECA-TV, channel 27, said, "Competition is always healthy," feeling that channel 40 will help UHF TV signals become more acceptable. "Sure, there's more competition for ad dollars, but this market is growing at the same proportion as Florida's and there's room for everyone in the marketplace."

Frank Flynn, manager of WCTV-TV, channel 6, said, "The more stations there are in the market, and the more local programming there is on those stations, makes the community more aware of local broadcasting."

KLDH-TV, channel 49 in Topeka, Kansas, went on the air at 6:55 p.m. EDT on June 19, 1983. KLDH-TV is an ABC affiliate, with some syndicated programs and movies during non-network hours. There is also half hour local news in the evening and at night. The station sent a list of detailed technical information. The transmitter power is 55 kw, has a gain of 18.65 db, and has an ERP of 3475 kilowatts. The tower is 1439' above ground. Transmitter site is 2300 S.W. West Union Road. Studio is at 101 S.E. Monroe. One press release describes the coverage area as "north to the Nebraska line, south to Emporia, east to Kansas City, and west past Junction City." Mailing address is: KLDH-TV, P.O. Box 2229, Topeka, Kansas, 66601.

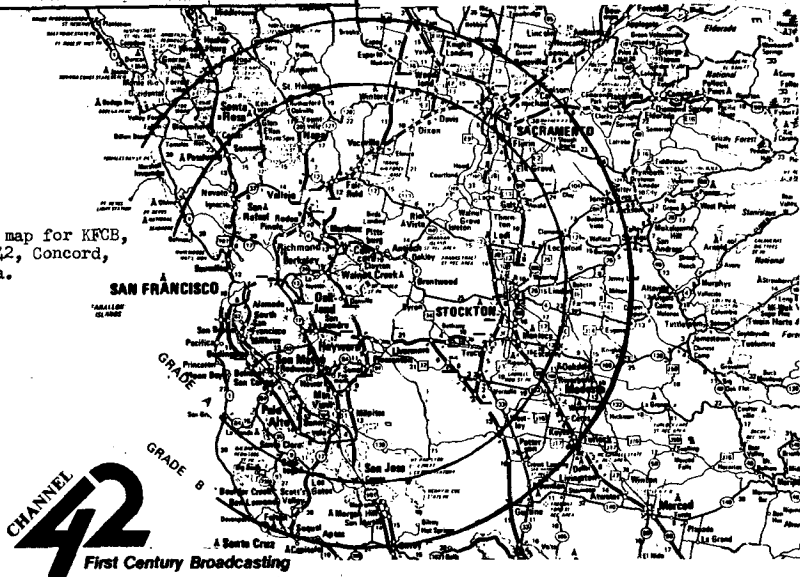


GRADE A GRADE B



P.O. Box 6498 Concord, CA 94524 (415) 676-8969

Coverage map for KFCB, channel 42, Concord, California.



THIS MAP IS A REPRESENTATION OF THE COVERAGE AREAS FOR CHANNEL 42. THE EXACT ENGINEERING REPORT AND MAPS ARE AVAILABLE IN THE FIRST CENTURY BROADCASTING PUBLIC FILE.

| APPLICATIONS FOR NEW TELEVISION STATIONS | | | |
|---|------|------|--|
| CH | ERP | HAAT | STATE/CITY/APPLICANT |
| 53 | 530 | 549 | FL High Springs; Christian Channel/Ro-Mar Communications Inc. |
| 53 | 87.1 | 341 | FL High Springs; Wm. F. Parrish |
| 54 | 1532 | 956 | GA Augusta; Augusta Family Telev. |
| 54 | 1703 | 832 | GA Augusta; Ro-Mar Communications |
| 54 | 4517 | 1121 | GA Augusta; Augusta 54 Broadc'g. |
| 54 | 267 | 765 | GA Augusta; Carolina Christian Broadcasting Company |
| 54 | 916 | 1500 | GA Augusta; Independent Masters |
| 54 | 5000 | 1356 | GA Augusta; Orion Broadc'g Co. |
| 54 | 4982 | 1584 | GA Augusta; Prime Time Television |
| 54 | 5000 | 1321 | GA Augusta; Southern Media Systems, Inc. |
| 23 | 803 | 608 | IN Marion; Mississinewa Communications Corporation |
| 69 | 5754 | 1098 | IA Des Moines; Iowa Television Authority |
| 18 | 750 | 540 | KA Salina; Haynes Communications |
| 69 | 52.2 | 646 | KY Paintsville; Hometown Telev'n |
| 44 | 5000 | 1965 | LA Baton Rouge; Parish Family Television Ltd. Partnership |
| 44 | 4989 | 1670 | LA Baton Rouge; Spondo Ltd, Inc. |
| 36 | 4500 | 257 | LA New Iberia; Way of the Cross of Baton Rouge |
| 34 | 5000 | 1928 | MS Magee; Pamela K. Clark |
| 25 | 1600 | 1895 | MO Jefferson City; New Life Evangelistic Center, Inc. |
| 17 | 510 | 948 | ND Bismarck; WDAY, Inc. |
| 14 | 510 | 2718 | ND Minot; WDAY, Inc. (both are proposed satellites of WDAY-TV, Fargo, North Dak.) |
| 50 | 5000 | 281 | NY Albany; Harold Y. Edwards |
| 26 | 56.4 | 902 | PR Ponce; Community Educational Group Corporation |
| 23 | 2884 | 116 | TX San Antonio; Commonwealth Foundation for Public Broadc'g |
| APPLICATIONS AMENDED | | | |
| 30 | 3700 | 2392 | CA San Bernardino; All Nations Christian Broadcasting, Inc. |
| 30 | 5000 | 2343 | CA (same) Channel 30, Inc. |
| 30 | 3630 | 2403 | CA (same) Crocker Communications |
| 30 | 2820 | 2340 | CA (same) Parachurch Consultants |
| 30 | 3630 | 2412 | CA (same) Television 30, Inc. |
| 30 | 2820 | 2340 | CA (same) United Minority Broadcasting of San Bernardino |
| 26 | 3000 | 153 | CO Pueblo; Arapahoe Silent Maj'ty |
| 18 | n.c. | 461 | FL Cocoa; glorious Church of God in Christ, Inc. |
| 63 | 1100 | 298 | IL Galesburg; Powell Broadcasting |
| 67 | 2388 | 1000 | IN Anderson; Indiana Telecasters |
| 21 | 1000 | 695 | MN Duluth; Stanley G. Emert, Jr. |
| 48 | 600 | 293 | MS Natchez; HSLA Broadcasting Inc |
| 24 | 5000 | n.c. | SC Charleston; Charleston Community TV Ltd. |
| 13 | n.c. | 1022 | TN Memphis; Micon Media, Inc. |
| 13 | n.c. | 1829 | TN Memphis; River City Broadc'g |
| 14 | n.c. | 1400 | WA Walla Walla; Brotherhood Bc'g |
| CONSTRUCTION PERMITS GRANTED | | | |
| 27 | 274 | 587 | MI Cadillac; Central Mich. Univ. |
| 21 | 224 | 340 | MI Manistee; Central Mich. Univ. |
| 16 | 1334 | 610 | MO St. Joseph; St. J. Family Tel |
| 25 | 1400 | 184 | NM Carlsbad; Citizens Rights |
| 44 | 5000 | 1717 | TX Waco; Focus Broadc'g of Waco |
| 14 | 1000 | 1046 | WA Walla Walla; Brotherhood Bc'g |
| 47 | 1709 | 200 | WI Madison; Center City Broadc'g |
| 38 | 3120 | 763 | TX Corpus Christi; Coastal Bend Family Television (reversing an earlier decision by ALJ) |
| 43 | 3373 | 2209 | CA Clovis; North Star Communic's |
| 55 | 2298 | 582 | OH Akron; Rhema Television Corp. |
| 57 | 632 | 307 | WI Janesville; Janesville Bc'g |
| 30 | 5000 | 529 | IA Davenport; Multi-Metro Communications |
| 24 | 5000 | 693 | UT Ogden; Arapahoe Silent Majority, Inc. |
| 25 | 2500 | 1363 | MS Gulfport; Four-O Inc. |
| 61 | 1245 | 963 | DE Wilmington; Delaware Valley Broadcasters, Inc. |
| 48 | 1300 | 334 | KY Owensboro; Volunteer Communications Society |
| 24 | 2393 | 740 | TX Odessa; Odessa Family Telev'n |
| 69 | 4787 | 1015 | FL Hollywood; Whitco Broadcasters |
| 51 | 3881 | 628 | ME Portland; Comark Television |
| 62 | 4775 | 862 | MA Lawrence; MFP Inc. |
| 39 | 691 | 684 | WV Parkersburg; Parkersburg Family Television, Inc. |
| 24 | 5000 | 1772 | CA Chico; Superior Broadcasting |
| 35 | 4315 | 1573 | TX Kerrville; Hispanic American Broadcasting of Texas, Inc. |
| 35 | 826 | 197 | FL Fort Walton Beach; Beacon Broadcasting, Inc. |
| 21 | 1400 | 1002 | KY Louisville; Word Broadcasting Network, Inc. |
| 26 | 1091 | 1115 | MN Bemidji; John W. Boler |
| APPLICATIONS DISMISSED BY THE FCC | | | |
| • Corpus Christi, TX; ch. 38; Christian Children's Network, Inc. | | | |
| • Clovis, CA; ch. 43; San Joaquin Television Improvement Corp. (Fresno assignment). | | | |
| • Akron, OH; Ch. 55; Akron Telecasting, Inc.; Ohio Telecasting. | | | |
| • Janesville, WI; ch. 57; Filmway of Wisc'n. | | | |
| • Citrus Heights, CA; ch. 29; Royce International Broadcasting Company | | | |
| • Lihue, HI; ch. 3; Arapahoe Silent Majority. | | | |
| • Chicago, IL; ch. 26; Telecasting Inc. | | | |
| • Bettendorf, IA; ch. 30; Haynes Communications Company. | | | |
| • Natchez, MS; ch. 48; Signal America, Inc.; Southern Broadcasting Company. | | | |
| • Manchester, NH; ch. 60; Janesville Broadcasting Company. | | | |
| • Madison, WI; ch. 47; Madison Family Telev'n. | | | |
| • Ponce, PR; ch. 26; Consumer Educational Research & Development Television Center. | | | |
| • Biloxi, MS; ch. 25; The Hightower Partnership; Payvision Communications. | | | |
| • Odessa, TX; ch. 24; Hispanic Broadcasting Company, Inc.; H. Leonard Todd & Gerald K. Fugit. | | | |
| • Wilmington, DE; ch. 61; Ebony Broadcasting Corp.; HHL Broadcasting, Inc.; Sixty One Corporation; Wilmington Broadcasting Company; Wilmington Channel 61 Inc.; Wilmington Communications, Inc. | | | |
| • Fresno, CA; ch. 59; Fresno Family Telev'n. | | | |
| • San Bernardino, CA; ch. 30; New Century Bc'g. | | | |
| • Cape Coral, FL; ch. 36; Powell Broadcasting. | | | |
| • Hollywood, FL; ch. 69; Christian Media of Florida, Inc.; Family Television 69, Inc.; Golden East Broadcasters, Inc. | | | |
| • Portland, ME; ch. 51; Greater Portland Telecasting, Inc. | | | |
| • Middleton, MA; ch. 62; Metrovision, Inc. | | | |
| • Salem, MA; ch. 62; Seacoast Broadcasting, Inc. (Middleton assignment) | | | |
| • Alvin, TX; ch. 67; Telemedia Broadcasting | | | |
| • Parkersburg, WV; ch. 39; Eastern Associated | | | |

Services, Inc.
 ● Chico, CA; ch. 24; Far West Broadcasting Company, Inc.
 ● Kerrville, TX; ch. 35; Comanche Broadcasting, Inc.; Tierra Del Sol Broadcasting Corporation.
 ● Fort Walton Beach, FL; ch. 35; Hilton Organizations, Inc.; Miracle Broadcasting, Ltd.
 ● Beaverton, OR; ch. 40; TS-3 Communications
 ● South Charleston, WV; ch. 11; West Virginia Educational Broadcasting Authority.
 ● Silver City, NM; ch. 6; Sara Diaz Warren.
 ● Waco, TX; ch. 44; Latin American Broadcasting Company; Waco Community Media, Inc.
 ● Madison, WI; ch. 47; Channel 47, Inc.; tvUSA/Madison Ltd.

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS
 8 316 1756 AZ Phoenix; KAET (one reference has this as already on the air, but I have no record of this. Can somebody comment?)
 10 125 n.c. MN Thief River Falls; KONY
 12 n.c. 2701 OR Medford; KDRV
 6 n.c. 907 TX San Angelo; KIDY
 55 2000 1442 IL Springfield; WRSP-TV (amended)
 54 741 1021 MI Muskegon; WMKT

CONSTRUCTION PERMIT MODIFICATION GRANTED
 32 2290 1010 FL New Orleans; WLAE-TV
 14 5000 996 CO Boulder; KTVJ
 16 718 482 FL Key West; WTKW
 39 5000 821 TN Murfreesboro; WFYZ
 12 n.c. 1397 ND Pembina; KWBA
 43 156 600 SC Myrtle Beach; WGSE

APPLICATIONS TO CHANGE EXISTING FACILITIES
 13 n.c. 1131 ND Minot; KXMC-TV
 22 1550 n.c. NM Las Cruces; KRWG-TV
 42 1423 456 NC Charlotte; WTVI
 61 4613 974 TN Chattanooga; WDSI-TV
 7 316 1030 TX Tyler; KLTW
 57 1000 1051 OH Lima; WBGU (amended)

CHANGES IN EXISTING FACILITIES GRANTED
 ● KTVO, channel 3, Ottumwa (Iowa)-Kirksville (Missouri), was finally given a construction permit to change its transmitter location after three years of struggle. As it stands, the transmitter is about 33 miles from Ottumwa, which is covered with less than a Grade A signal as it is. There is conflicting data as to the proposed site. The coordinates (40°13'39"/92°01'05.5") put it about 55 miles SSE from Ottumwa and 30 miles east of Kirksville. But the transmitter is described as 1.9 mile North of Kirksville on Hwy 63, which would be possible of the longitude were 92°31'05.5" instead. Either way, Ottumwa will suffer from a weaker signal, especially with a reduced ERP (from 100 kw to 84 kw). Antenna, however, will be higher (1973' AAT/2000' AG/2740' ASL; previous HAAT was 1082').
 ● KXII, channel 12, Ardmore, Oklahoma; granted construction permit to increase ERP from 214 kw to 222 kw. Antenna will be 1777' AAT/1694' AG/2584' ASL, an increase of 756'. Coordinates 34°01'58"/96°48'00", which puts the proposed site 0.60 mile south of present transmitter. Location is described as 5 miles SSW of Madill, whereas present site is 3.8 miles SSW. That sug-

gests a 1.2 mile change, so maybe they're planning on moving the city also. Anyway, the increase of antenna height should help improve reception.
 ● WCCF-TV, channel 57, Columbia, South Carolina, was granted a construction permit to change ERP to 637 kw max. Unofficial data base has existing ERP at 1000 kw, which would mean a reduction in power. No change in the antenna height.
 ● KOTI, channel 2, Klamath Falls, Oregon, was granted a construction permit to relocate its tower to Mt. Stukel, Klamath Falls, about 13.18 miles SSE from its present location. Coordinates 42°05'48"/121°37'57". 2185' AAT/183' AG/6583' ASL (1034' higher than present). ERP to increase from 13.5 kw to 35.5 kw. Still a fairly weak VHF station, but this should bring about significant increase of signal strength.
 ● WAIM-TV, channel 40, Anderson, South Carolina, was granted a modification of its construction permit. I suspect that WAIM-TV is still operating on the same power as before the original construction permit, so I will use that in comparison. Antenna is to be relocated to the intersection of County Roads 418 and 50 in Williamston, about 17.51 miles ENE from present site. 1474' AAT/1459' AG/2299' ASL (1132' higher). ERP from 157.6 kw max/110 kw hor. to 2259 kw max. Look for significant increase in signal strength.
 ● KOBI, channel 5, Medford, Oregon, was granted a construction permit to change to 60.3 kw max. visual (from 60 kw visual); TL to another spot still on King Mountain, about 28 miles northwest of Medford, and only 0.35 mile south of the existing site. 2700' AAT/128' AG/ 5391' ASL (fourteen feet lower). Don't expect any change here.
 ● KXIX, channel 19, Victoria, Texas, granted construction permit to increase power from 14.8 kw to 153.2 kw max. No change in transmitter site or antenna height. Expect improvement in signal.
 ● KTSP-TV, channel 10, Phoenix, Arizona, was given construction permit to change to circular polarization (316 kw max/292 kw hor; formerly 316 kw ERP); 307' boost in antenna height (1700' AAT/264' AG/2905' ASL), which should increase coverage area.
 ● WHKY-TV, channel 14, Hickory, North Carolina, had been given a construction permit some time ago to increase ERP from 8.91 kw to 656.1 kw. The FCC granted WHKY-TV a PTA (Program test authorization) on 7/29/83 to begin operation with 656.1 kw ERP. Should be a very notable increase in signal strength.

CALL LETTER APPLICATIONS: NEW STATIONS
 CH C.L. STATE/CITY/APPLICANT
 36 WDMA-TV OH Toledo; Toledo Telecasting
 30 WCAY-TV TN Nashville; Television Corp. of Tennessee
 61 WDWI DE Wilmington; Delaware Valley Broadcasters
 51 WHSI ME Portland; Comark Television
 30 KDAV IA Davenport; Multi-Metro Commun.
 30 KOOG-TV UT Ogden; Ogden Television

CALL LETTER APPLICATIONS: CHANGE EXISTING
 4 KCNC-TV CO Denver; KOA-TV
 3 KOAB-TV OR Bend; KVDO-TV

CALL LETTERS ASSIGNED: NEW STATIONS
 14 WJPT IL Jacksonville; West Central Illinois Educational Telecommunications Corporation.
 49 WJJA WI Racine; Racine Telecasting Co.
 64 WART PR Naranjito; Art Broadcasting
 29 KHFT NM Hobbs; Hobbs Family Television
 19 WOIO OH Shaker Heights; Channel 19, Inc
 49 KLTJ TX Irving; Cela, Inc.
 38 WEFV VA Roanoke; Vina & Branch, Inc.
 68 KDDE CA Los Angeles; Black Television Workshop of Los Angeles
 66 WSQY-TV NC Forest City; Forest City Television, Inc.
 58 WUJA PR Caguas; Community Television of Caguas
 46 WCNT PR Cidra; Caribbean Broadcasters

CALL LETTERS ASSIGNED: CHANGE EXISTING
 47 WNFT FL Jacksonville; WXAO-TV
 12 KWCH-TV KS Hutchinson; KTVH
 40 WAXA SC Anderson; WAIM-TV
 61 WDSI-TV TN Chattanooga; WRIP-TV
 26 KINT-TV TX El Paso; KEBB-TV
 59 WPDS-TV IN Indianapolis; WSMK
 24 WNPB-TV WV Morgantown; WVU
 2 KNDX ND Dickinson; KDIX-TV

CHANGES IN STATION IDENTIFICATION GRANTED
 ● WMOD, channel 43, Melbourne, Florida, to identify as Melbourne-Orlando.
 ● WNHT, channel 21, Concord, New Hampshire, to identify as Concord-Manchester.
 WWIN, channel 9, Evansville, Indiana, to identify as Evansville (IN)-Henderson-Owensboro (KY).

CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS
 Bellevue, WA: add 3+
 Spokane, WA: add 34-
 Dillingham, AK: add *2s
 Anchorage, AK: add 5s
 Redwood Falls, MN: add 43s
 Jacksonville, TX: add 56s
 Paris, TX: add 36+, 42+
 Paris (TX)-Hugo (OK): delete 42+

STATIONS ON THE AIR
 ● KLRT, channel 16, Little Rock, Arkansas, began operation on June 26, 1983. 2378 kw ERP; 1772' AAT/1266' AG/2220' ASL; coordinates 34°47'57"/92°29'29"; TL to Shinnell Mountain, 3 miles west of Little Rock; Address: LRTV Ltd., 11711 W. Markham, Little Rock, AR, 72211. This will probably be an independent station, since Little Rock is already covered by the three networks.
 ● KLPB-TV, channel 25, Alexandria, Louisiana went on the air July 1, 1983. 2040 kw Max. ERP/692 kw Hor.; 1360' AAT/1325' AG/1519' ASL; coordinates 31°33'56"/92°32'50"; TL to 0.6 mile SSE of Route 123, 1.3 miles west of Route 167, near Dry Prong. Address: Louisiana ETV Authority, 2618 Wooddale Blvd., Baton Rouge, Louisiana, 70805. Educational station.
 ● WXTX, channel 54, Columbus, Georgia, went on the air June 17, 1983. 1000 kw max. ERP;

1140' AAT/1146 AG/1526' ASL; coordinates 32°27'49"/84°52'37"; TL to Buena Vista Road, about 0.2 mile west of intersection with Moyer Road. Address: Columbus Family Television, Box 12188, Columbus, GA, 31907. Independent station.
 ● with reference to KFCB, ch. 42 in Concord, California: I found out that they were given a modification of their original construction permit last summer. ERP should be 1288 kw Max. ERP/719.5 kw Hor. antenna height should be 2807' AAT/140' AG/3628' ASL. Other data should be unchanged.

STATION TEMPORARILY OFF THE AIR:
 KZLN, channel 60, Harlingen, Texas.

CONSOLIDATED HEARINGS
 ● Chicago, Illinois; channel 44; Video 44 (for renewal of license for WSNB-TV); Monroe Communications Corporation.
 ● Arcata, California; channel 23; The Mad River Broadcasting Company; Women's Broadcasting of Arcata; Pentreed, Ltd.
 ● Scranton, Pennsylvania; channel 64; Local Majority Television; George E. Gunter; Scranton Family Television, Ltd.
 ● Texarkana, TX; channel 17; Floyd Bell; Powell Broadcasting Company.
 ● Bloomington, Indiana; channel 63; George E. Gunter; Hoosier Tele-Media Partnership; Channel 63, Inc.; Bloomington 63 Ltd.
 ● Johnstown, Pennsylvania; channel 8 (short-spaced VHF drop-in assignment); Laurel Television, Inc.; Group for the Advancement of Television Service, Inc.; Johnstown Family Television, Ltd.; Johnstown Television Company, Inc. Each applicant indicated equivalent protection to WGAL-TV (Lancaster, Pennsylvania) and WJKW-TV (Cleveland, Ohio).
 ● Brunswick, Georgia; channel 21; Golden East Broadcasters, Inc.; COR Communications, Ltd.; CMM, Inc.
 ● Watertown, New York; channel 50; Intercountry Communications Corporation; Women's Broadcasting of Watertown.
 ● Shreveport, Louisiana; channel 33; Media South Broadcasting Corporation; Great Central Communications Company; Ware Communications, Inc. (formerly Seattle Community Television Network); Shreveport Metro Communications 33, Ltd.; Great Southern TV Broadcasting (formerly Drew and Kemmerly); proposes Bossier City as community of license); Godfrey and Associates; Shreveport Television Company.
 ● Honolulu, Hawaii; channel 5; Family Media, Inc.; Channel 5 Broadcasting Associates; Abell Communications Corporation; Polynesia Services Corporation; Ka'ikena Lani TV Corporation; Media Central, Inc.; TV 5 of Honolulu (Down to Earth, Inc.); Pacific Rim Broadcasting Company; Frederick B. Livingston; Hana Hou Communications Corporation. KIKU-TV, channel 13, raised an informal petition, protesting that economic conditions in Honolulu could not support another television station. Also, one of the applicants brought up the fact that, according to the 1980 Census, the legal boundary of Honolulu covers the entire island of Oahu. Having to cover the entire island with a city grade contour, with the Grada A and B contours

way out somewhere is JAMS country, is rather absurd. The actual legal boundary of Honolulu will have to be determined in this hearing, and a possible waiver of the FCC rules concerning city-grade contour might be considered.

• Green Valley, Arizona; channel 46; Skyline Communications Group; Green Valley Television, Inc.; Alden Communications Corporation; Sungilt Corporation, Inc.

FORUM

I caught this article in USA Today. Werner Hersog, known for making documentaries, is making one on Rev. W. Eugene Scott, entitled "God's Angry Man." Scott, as you may remember from a few months ago, is the preacher who owns three television stations and one FM radio station, which are going off the air one-by-one because of his fight with the FCC.

Hank Lane sent in an article from the 7/29/83 Boston Globe, which has detailed information on the Boston scene. "...WNDS-TV (Channel 50), a New Hampshire border station goes on the air in late August and WQTV-TV (Channel 68), in Boston, resumes full conventional broadcasting on Labor Day."

"...an Essex County Station, headed by Boston broadcast personality Avi Nelson, makes its debut in the near future. Nelson's investor group, MFP, Inc., was awarded the license (sic) and construction for Channel 62 by the Federal Communications Commission on July 15.

"...there is the prospect of...Channel 46, covering the South Shore, to be in operation perhaps by early 1984. The FCC will hear Ch. 46 petitions from Weymouth-based MidShore Resources and Norwell Broadcasting Co. on Oct. 18. (Chances are, it won't be on until early 1985. After the FCC manages to get through a consolidated hearing and any petitions for reconsideration, it will take about a year from the grant of a construction permit to air date. -wbf)

"Ch. 62 (MFP station above, Lawrence, MA. -wbf) would be advertiser-supported, offering a mixed programming format, including news and public affairs shows.

"In the Boston changeover, Ch. 68, which has been an evening over-the-air pat TV (STV) carrier - for most of its five years on Boston airwaves, returns to all advertiser-supported programming - broadcasting in the clear - on Sept. 5...The new lineup, a 'multimillion dollar package' of syndicated shows...."

"Ch. 50 of Derry, N.H., (WNDS -wbf) an independent outlet scheduled to begin operations Aug. 29, will air a full slate of entertainment, news and public affairs and sports programming daily from 7 a.m. to 1 a.m. Targeted primarily to southern and central New Hampshire, Ch. 50 programming will include a local-national news operation and extensive play-by-play coverage of New Hampshire area sports, primarily collegiate.

"Ch. 50 will transmit a strong signal (1430 kw max? -wbf) from its Hudson, N.H.

antenna into Middlesex and Essex counties in Massachusetts, and it should be picked up in many metropolitan Boston suburbs.

"Ch. 68 has carried the Financial News Network (FNN) reports, 10 a.m. to 4 p.m., as a conventional TV transmission for two years and will continue the business and stock market news service in the future. The WQTV signal will be 'doubled for most viewers' after installation - by helicopter airlift - of a new antenna atop the Pru tower in late August...."

"The new WQTV programming, which may also be seen on all TV sets, replaces the Star over-the-air pay subscription service, which went off the air last February. Star's evening time slot has been devoted to promotional messages for Preview, the Worcester STV service which purchased Star's subscription list."

Nate Ely also noticed the tendency of the press to get things wrong, such as mistaking a construction permit for a license. As Nate states, this first article, from the 8/3/83 Wisconsin State Journal, seems to be covering a consolidated hearing, but does so poorly. It states that a FCC judge ordered that Center City Broadcasting, Inc. and its partner, Channel 47, Inc., should be granted a "license" for a fifth TV station in Madison, Wisconsin, to operate on ch. 47. Actually, there were several applicants, of which the above were two, back in early 1982. These two apparently merged, and the hearing must have resolved in that merger winning over the other applicants. One of the owners stated, "We haven't actually received the license yet." Then he said, "that he doesn't know what type of programming will be offered. (That means syndicated programs, movies, news network, and local sports.) The station will be independent.

Another article from the 8/3 Journal deals with economics. WISC-TV in Madison is trying to gain viewers from Rock County, who seem to be favoring Rockford, Illinois, television stations. Because of that preference, Rock County is in the Rockford DMA (Designated Market Area). Madison's DMA ranks 104th, and if Rock County could be moved to Madison's DMA, it would rise to 88th place, which means Madison stations could charge more for their commercial time. WISC-TV assigned a full-time Rock county reporter, part time photographer, and rented a studio there, but so far hasn't succeeded. Management hopes that the advent of the fifth TV station in Madison might improve the chances of getting Rock County into the Madison DMA. Nate adds, "The interesting thing about the Rock County article is that people in the Janesville area all seem to have fairly big antennas... and have their choice of quite a few stations beside Madison. I haven't really seen a great effort by WISC-3 to nab up the market."

NEXT MONTH: comments from Paul Gaines and Bill Draeb. Big report on DBS and the Geneva Conference. I'm not about to type a tenth page during DX report season.

QSL CORNER

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FM QSL

| | | | |
|----|------|-------|---|
| AL | WBHM | 90.3 | Birmingham, Robert N. Eastman, GM |
| CT | WRKI | 95.1 | Brookfield, Ronald J. Tarsi, GM |
| | WKSS | 95.7 | Hartford, James Perry, CE |
| IL | WQCY | 99.5 | Quincy, T. E. Robey, Prod. Mgr. |
| IA | KDPS | 88.1 | Des Moines, Larry Smith, CE |
| LA | KRMD | 101.1 | Shreveport, Ray Sumrall, CE |
| ME | WTOS | 105.1 | Showhegan, Kent Thurston, Oper. Mgr. |
| | WHCG | 88.5 | Bangor, Donald C. Page, Dir. |
| MA | WOMR | 91.9 | Provincetown, Ernest Cooper, Treasurer & DJ |
| | WUMB | 91.9 | Boston, Bruce Parson, CE |
| | WHAU | 92.5 | Haverhill, William A. Goul, Sta. Mgr. (now WLYT) |
| | WLYN | 101.7 | Lynn, Stephen Strick, DJ (now WFNX) |
| | WJIB | 96.9 | Boston, James K. Howard, Mgr. of Eng. |
| | WGTF | 96.3 | Nantucket, John H. Garabedian, Pres. |
| | WBCN | 104.1 | Boston, Ed de la Fuente, Asst. CE |
| | WBIM | 91.5 | Bridgewater, Peter Quentin George, Asst. Eng. |
| MO | KLJC | 88.5 | Kansas City, Darrell Nickolaus, CE |
| | KMFL | 102.9 | Marshall, W. M. Williams, GM |
| NJ | WADB | 95.9 | Point Pleasant, Kenneth R. Peach, Sta. Mgr. |
| NY | WCTO | 94.3 | Smithtown, Richard K. Scholem, Gen. Mgr. |
| | WBAL | 99.5 | New York, David Metzger, Pub. Affs. Dir. |
| | WVHB | 107.1 | Hampton Bays, Santo "Mo" Curceo, DJ (after five unsuccessful tries) |
| NC | WHYK | 93.7 | Elizabeth City, Robert W. Lowery, Ch. Op. |
| PA | WRTI | 90.1 | Philadelphia, Vincent C. Thomas, SM |
| RI | WLKW | 101.5 | Providence, Dana Puopolo, CE |
| | WVON | 106.3 | Woonsocket, Ron DesLauries, CE |
| VT | WVPR | 89.5 | Windsor, Jerome A. Erickson, CE |
| VA | WVDE | 101.3 | Hampton, J. Ernest Warinner, CE |
| | WNOR | 98.7 | Norfolk, Ron Reger, Op. Mgr. |
| MD | WKY2 | 105.5 | Salisbury, James A. Jester, Owner & CE |
| KY | WKWC | 90.3 | Owensboro, Gary R. Drum, Dir. of Tel-Communications |
| NY | WRKS | 98.7 | New York, John M. Lyons, CE |
| IN | WBCL | 90.3 | Fort Wayne, James Schweickart, GM |



Wmms
101.5 FM

STEREO *It's*
97.5 WPCV
FOR ME

WVPR
EASY ROCK'N 99

This month main reporter was Ernest Cooper of Provincetown, MA. I saw him at this year's Convention in Dunkirk, NY & he gave me this report. Although I would like to have an address with report to QSL Corner & with my supplies so low, I could not refuse his report. If any members do have items for reporting, please use address. This month's bumper-stickers are mine. I take them to work & reduce to a more useable size for this column. If any members would like to send in an bumper-sticker with a QSL report item, please do. Also if any member has any real old QSLs in TV & FM earlier days, send in a copy of it, or itself & I will mail it back to you. This may be a new part of this column, as QSL of the Past. OH! the reason I ask for stations mailing address is that stations change so often, and the new company will have new mailing locations. As I should know, I send off this year reports, and already 3 came back with Return to Sender, Undeliverable as Addressed, Unable to Forward. Well 73's for now.