# FromTheSTAFF

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 hugh 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-Tonque CMA-Ub. Several Diers 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) ...

ANTENNA NEWS: The Tower.....4 VHF UTILITY DX: Police Radio Service.....8 PHOTO NEWS: 1100-mile UHF tropo!......21 SOUTHERN FM-DX: Double hops bring in Jamaica, Puerto Rico.......26 NORTHERN FM-DX: E-skip and tropo continue to be good......33 CENTRAL FM-DX: Skip season considered average......39 FM STATISTICS: The latest FM Scoreboard.......45 FCC FM NEWS: FM industry news......46 

This month's cover by Dave Nieman.

ANARG DOG TE Steven P. Sprachman
3939 Eve Drive

Seaford. N.Y. 11783

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

The ANARC Convention has just concluded on what probably was the hotest weekend in Washington D.C. The heat and humidity, while bother-some 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 Barth, Pat Gates and Phil Irwin of the Voice of America, and Joe Costello of WRNO-FM and WRNO-Worldwide. Several WTPDA members were in attendance including Greg Monti and Tom Yingling. I met several people interested in FM and TV DI. 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 DI'ers. This is a harder problem to solve. (Any suggestions?)

Next was the Club Representatives meeting. Discussed were the act-

ivities 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 prople interested in joining.

Saturday's agenda was made up of a series of seminars. Most dealt with aspects of the Shortwave DI and listening hobby. There were seminars on publicising 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 sucessful). Joe Costello hosted a seminar on Commercial Shortwave Radio.

One hour of the afternoon was spent in "freewheeling dicussions 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 signup 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 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 Barth 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 idems- the general business meeting and the HAP auction. At the general business meeting, a site for the

(continued on page 7)

September 1983

Doug Dornbos 931 Boon Street Traverse City, MI 49684

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 neccesary 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, 193: ...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 How Pushbutton Car Antennas Work	Popular Science	Jun 1951 May 1952
Miniature TVI Wavetraps	Radio & TV News	Nov 1952
TV Boosters And A TV Receiver	Consumers Research Bul	Nov 1952

#### MAGAZINE ARTICLES \* EISENHOWERS FIRST TERM

UHF Antennas VHF-UHF Antenna Design Maintainance Of TV Antennas Multiple Installation Of TV Receiver UHF Antennas You & UHF Antenna Measurements	Radio		17 11 17 17		Feb Mar " "	1953
Modern Booster	17 17	17		" #	Apr	17
VHF Fringe Antennas TV Antenna For Mountain Areas UHF-VHF Antenna Coupler Grounding A TV Antenna TV Antennas	Sciene Radio Good	e & Ho	Die TV	zest	May " Jun	1953

Antenna Articles 1953-1956 (cont.)

Antenna News

		1 1070
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 "
	Popular Science	ที่ท
Windproofing Your TV Antenna	roputar Scrence	Jan 1954
TV'S 70 New Channels	n n	
TV Antennas Made Him Rich		Len
Tri-Pole Antenna	Radio & TV News	11 11
Home Built UHF Antennas	11 11 11	Mar "
TV Booster For UHF	17 11 17 17	Apr "
UHF Corner Reflector	n n n n	n n
	11 11 11	May 11
Continuous Evolution In TV Antennas	11 11 11 11	May "
New Approach To Conical Antenna Design		
How To Select Your TV Antenna	Popular Mechanics	Jly "
Miniature TV Antennas Consumers	Research Bulletin	11 11
New Antenna Coupling System	Radio & TV News	Sep "
Antenna Antics	11 11 11 11	Oct "
Brother Bosses Of The TV Antenna	Coronet	11 11
		17 17
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	17 17
Cascode TV Booster	n n n n	Jan 1955
		Mar "
2-Set Couplers	Consumer Reports	Merr
TV Antenna Rotators	Radio & TV News	
G-Line Antenna Lead In	11 11 11	Apr "
Let 'er Blow	11 11 11 11	11 11
TV Antennas For Fringe Area Service Consumer	rs Research Bulletin	May "
All-Channel All-Wave Antenna	Radio & TV News	Jun "
	News Letter June 4	11
		-Iun #
Broadband Flat Gain TV Antenna	Popular Mechanics	our
Additional Data On A Pair Of Folded Dipoles	Radio & TV News	0 <b>- y</b>
Antenna Mounted UHF Mixers	11 11 11	Aug "
He Builds Windproof TV Masts	Popular Mechanics	Sep "
He Builds Windproof TV Masts Tuners, Aerials, & FM		
Tuners, Aerials, & FM	Atlantic Magazine	Sep "
Tuners, Aerials, & FM Why A Rotator?	Atlantic Magazine Radio & TV News	Sep "
Tuners, Aerials, & FM Why A Rotator? Indoor TV Antennas	Atlantic Magazine Radio & TV News Consumer Reports	Sep " " " Oct "
Tuners, Aerials, & FM Why A Rotator? Indoor TV Antennas Multiple Tuning In TV Antenna Design	Atlantic Magazine Radio & TV News Consumer Reports Radio & TV News	Sep " " " Oct " " "
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#### 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

Free standing

b.) Guved

c.) Bracketed

Free standing tapered section tower

Fold-over tower

Crank-up tower 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. Rohns 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.) I'ts easier to hang addittional 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

Antenna News Tower (cont.)

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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 Elv vesterday 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 priorty, 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.

#### (continued from page 3 )

1984 convention was chosen (Toronto, Ont.) and the processof 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 congradulations 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 DI'ers. The Washington Area DI'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 WTFDA fuller representation at that convention.

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

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

Swor P Sprachman.



Donald L. Blevins 314 Langley Road Baltimore, MD 21221 phone:301-391-3408

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, possesion, State, county, city, town, and similar governmental entity including a governmental institution authorized by law to provide its own police protection, is eligable 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 community on the request.

International Police Radio ommunications 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 those which would lose their value, because of slowness and time limitations if sent on other communication systems.
- (c) Frequencies used for radiotelephone communciations 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

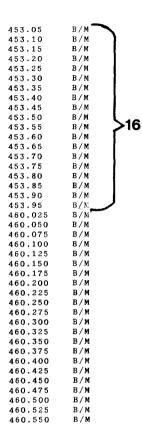
37.02	М		39.64	B/M	
37.04	в/м		39.66	M	
37.06	B/M		39.68	B/M	
37.08	В/М		39.70	M	
37.10	B/M	9	39.72	B/M	
37.12	B/M	•	39.74	M	
37.14	B/M		39.76	В/М	
37.16	B/M		39.78	M	
37.18	B/M	9	39.80	в/м	
37.20	B/M	9	39.82	в/м	9
37.22	B/M		39.84	B/M	
37.24	B/M B/M		39.86	B/M	
37.26	B/M	9	39.88	B/M	
37.28		9	39.90	B/M	9
	B/M		39.92	B/M	
37.30	B/M		39.94	B/M	
37.32	В/М		39.96	B/M	
37.34	M		39.98	B/M	9
37.36	B/M		42.02	B/M	2, 3, 12
37.38	M		42.04	B/M	2, 3, 12
37.40	B/M		42.04	B/M	2, 3, 12
37.42	M		42.08	B/M	2, 3, 12
39.02	B/M			B/M	2, 3, 12
39.04	B/M		42.10		2, 3, 12
39.06	В/М	9, 10	42.12	B/M	2, 3, 12
39.08	В/М		42.14	B/M	
39.10	B/M	9	42.16	B/M	
39.12	В/М		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	М		42.36	B/M	2, 3, 12
39.32	B/M		42.38	в/м	2, 3, 12
39.34	M		42.40	B/M	2, 3, 12
39.36	B/M		42.42	в/м	2, 3, 12
39.38	M		42.44	B/M	2, 3, 12
39.40	B/M		42.46	В/М	2, 3, 12
39.42	B/M		42.48	B/M	2, 3, 12
39.44	B/M		42.50	в/м	2, 3, 12
39.46	B/M	11	42.50	в/м	2, 3, 12
39.48	B/M	~ -	42.52	в/м	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	в/м	2, 3, 12
39.60	B/M	•	42.64	B/M	2, 3, 12
39.62	B/M		42.66	M	2, 12
J. 100	2, M				

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

2233 KKC 2235 KGA 2236 KGA 2240 KNAA 2245 KJE 2259 KKC	760 37.10 204 42.06	Truce, PA Bern Township, PA State Roads, DE Lancaster, PA Fairfax, VA Chanute, KS Oklahoma City, OK El Reno, OK St. Joseph, MO Philadelphia, PA	Lancaster County Comm. Berks County Communications Delaware State Police Lancaster Police Virginia State Police Kansas State Patrol Oklahoma County Sheriff Canadian County Sheriff Missouri Highway Patrol Philadelphia Fire Department
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42.68	M	2, 12	154.77	М	
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		154.83	M	
42.78	M	2, 12	154.845		
42.80	B/M	2, 12	154.86	B/M B/M	
42.82	B/M	2, 3, 12			
42.84	B/M	2, 3, 12	154.875	В/М	
42.86	B/M	2, 3, 12	154.89	M	4.0
42.88		2, 3, 12	154.905	B/M	12
42.90	B/M	2, 3, 12	154.92	B/M	12
	B/M	2, 3, 12	154.935	B/M	12
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	12
44.94	B/M	2, 3, 12	155.46	B/M	12
44.98	B/M	2. 3. 12	155.475	B/M	14
45.02	B/M	2, 3, 12	155.49	B/M	
45.06	B/M	2, 3, 12	155.505	B/M	12
45.10	B/M	2, 3, 12	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	В/м	•	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 B/M		155.79	B/M	
45.74			155.85	. м	
45.78	M		155.91	M	
	M		155.97	M	
45.82	M D/M		156.03	M	
45.86	B/M	11	156.15	M	
45.90	B/M		156.21	B/M	
45.94	B/M				
45.98	B/M		158.73	B/M	
46.02	В/М		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	в/м	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	В/М			•	

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, qith 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 assimment is necessary for coordination of police activities.
- 14) This frequency is available nationwide for 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	<b>N180A</b> R	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		Annapolis, MD Annapolis, MD	RUPTURED DUCK
<u>5-5-83</u> 1119 1119	N77P N77P	132.02 134.15	Fredrick, MD Fredrick, MD	AMP Inc.
<u>5-9-83</u> 1115	NIVA	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, M Deep Water Point, M	
<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	TIPSI-TOO NIKRIMI
<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
6 <u>-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 Belgiums 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 women (yes, some of the women go topless on the beaches of the Riveria). 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 3,10,12,1+,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 EsJune 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 WTVU-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; relogs from coastal MD and VA plus WRIH-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 appartment dweller. If the land lord lets me put an antenna on the roof, I'll be 0.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 28 Es 1302 KSNC-2 KS 1015 July 1983 July 1983 12 Es 1630 KAMR-4 TX 1271 1 Es 1303 CKND-2 MB 1330 KLNE-3 NE 1016 1400 KDUH-4 NE 1138 Minnedosa 14 Es 1828 WDAF-4 MO 779 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 WPRT-2 FL 1098 24 Es 2100 KPRC-2 TX 1210 2201 KWGN-2 CO 1292 1600 WBRZ-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-DA 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

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 rtty stations for the other clubs I'm in. Well here goes.

April 1983 28 Tr 0100 WTBY-54 NY	June	1983	June 1983
(ex-WFTI)		1800 KMTV-3, NE	29 Es 2030 WCIX-6 FL
		s 2030 KXJB-4 ND	2035 NTV-6 Cuba
0120 Mystery-59 (cb/w 59)	2/ E	S 1600 KMTV-3 NE	
(GD/M 72)		1630 WOWT-6 NB	July 1983
May 1983	_	1635 KDLO-3 SD	3 Es 1600 WCIX-6 FL
11 Tr 0027 WCTI-12 NC	T	r 2100 WCVW-57 VA	1630 WEAR-3 FL
29 Tr 0215 WJCL-22 GA	•	2110 WTVR-6 VA	1635 WEDU-3 FL
31 Tr 0030 WTHY-54 NY	15	s 2130 WERZ-2 LA	1700 KBTX-3 TX mufl01
0100 WFMZ-69 PA	-0 -	2140 KATC-3 LA	9 Es 1800 NTV-6 Cuba
2100 WN VC-56 VA	28 E	s 1800 CHHT-3 NS	1810 NTV-3 Cuba
Fairfax		1830 CJCB-4 NS mur	101-1 1830 WMAR-3 FL 94-3
PALFIEL		1900 NTV-3 Cuba	
June 1983		1910 NTV-6 Cuba	1610 KYTV-3 MO
			1700 <u>KSNB-3 NE</u>
5 Es 1700 "Adam 12"; ch.5. 1705 KAUZ-6 TX			Superior
	. ~		1705 KHAS-5 must 107.7
1730 KYTV-3 MO; muf 91 8 Es 1600 WEAR-3 FL	キャフ	D	
1620 KFSM-5 AR muf 94.	,	neceiver: Sony Trini	itron model KV-1214 12" us-
1700 KATC-3 LA	1	mig channel Master I	model 1114 and Finco 5 dish
1700 KATC-3 LA		with Blonder Tongue	CMA-Ub.

ular TV watching and DX. It's kind of hard to keep up with yourself when you are DXing PSE, 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 trops this fall again. 73's.

Well, I finally got around to report my DX. I got into a bad habit of not logging my reg-

1720 KTAL-6 LA 1730 KSNW-3 KS Wichita

Richard Reese: 421 Marion St., Jersey Shore, PA 17740 ED June 1983
27 Es 1556 WPBT-2 FL 1100 28 Es 1301 KFDX-3 TX 1280 3 Es 1759 KPRC-2 TX 1305 1334 KNOP-2 NE 1240 1459 KTVI-2 MO 725 1930 WEAR-3 FL 980 1600 WEDU-3 FL 980 1938 WDSU-6 LA 1075 1622 WESH-2 FL 875 1631 WTVY-4 AL 840 1646 KGTV-2 MO 940 1940 WWL-4 LA 1025 1500 KJRH-2 OK 1075 2000 KFDM-6 TX 1235 1532 KSNB-4 NE 1110 1657 KMTV-3 NE 985 1658 KGAN-2 IA 760 1655 ICR6-3 CU 1330 1743 WESH-2 FL 875 1750 WIPM-3 PR t 2059 KCEN-6 TX 1335 2039 KXAS-5 TX 1260 2045 KTAL-6 LA 1110 1659 WCBI-4 MS 2258 WERZ-2 LA 1090 1705 KIMT-3 IA 845 WAPA-F PR t 2259 KDFW-4 TX 1235 1718 KDLO-3 SD 1040 1727 WCCO-4 MN 865 1801 WKAQ-2 PR 1680 1806 WCBD-2 SC 615 WTVY-4 AL 840 WTVY-1 AI 840
0855 WDAF-1 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-1 AR 945 1744 KXJB-4 ND 1115 1913 WESH-2 FL 1875 1807 WTVJ-4 FL 1100 WPTV-5 FL 1035 1928 WJXT-4 FL 810 1827 WWL-4 LA 1075 1929 WWAY-3 NC 500 1959 WCBD-2 SC 615 2059 WDIQ-2 AL 885 Wilmington WKRG-5 AL 960 29 Es 2130 KXAS-5 TX 1260 WERZ-2 LA 1090 2101 WEAR-3 FL 950 0946 WESH-2 FL 875 28 Es 0958 KENW-3 NM 1105 1015 KSNC-2 KS 1170 1159 KHAS-5 NE 1115 KSNB-4 NE 1110 1001 WBRZ-2 LA 1090 July 1983 1 Es 2131 KJRH-2 OK 1075 1014 WEAR-3 FL 950 5 Es 1759 WPBT-2 FL 1100 2159 KFDX-3 TX 1280 1859 KATC-3 LA 1150 KLNE-3 NE 1175 3 Es 1025 WBRZ-2 LA 1090 KOET-3 OK 1085 1300 WPBT-2 FL 1100 1230 KQTV-2 MO 940 1920 WBRZ-2 LA 1090 1635 WEDU-3 FL 980 14 1258 KWNB-6 NE 1255 1926 WWAY-3 NC 500 1702 KRIS-6 TX 1490 Haves Center

		ese; continued	0-	September 1983
July 1983	July	1983	ly 1983	1.7000 N. C. Dr. 000
5 Es 1929 WETV-3 NC 470	14 Es	1920 KSNW-3 KS 1105 21	FES TOO	WUPA-O IL 930
WESH-2 FL 875	3 ( B-	1929 KMOS-6 MO 885 0943 KETS-2 AR 945	1258	WWL-4 LA 1075
1936 WRBL-3 GA 750 1941 WTVJ-4 FL 1100	TO ES	0959 WBRZ-2 LA 1090	1259	WDSU-6 LA "
1959 WPTV-5 FL 1035	18 70	: 1315 KSNC-2 KS 1170	1358	WEAR-3 FL 950
WCIX-6 FL 1100	TO ES	1328 WMAB-2 MS 865	1400	WSB-2 GA 660
2059 KALB-5 LA 1105		1728 WESH-2 FL 875		WBRZ-2 LA 1090
2159 KLNE-3 NE 1175		1730 WEDU-3 FL 980	2028	KPRC-2 TX 1305
KNOP-2 NE 1240		1923 KPRC-2 TX 1305	2134	KARK-4 AR 945
6 Es 1500 WWL-4 LA 1075		1728 WESH-2 FL 875 1730 WEDU-3 FL 980 1923 KPRC-2 TX 1305 1958 WERZ-2 LA 1090 1830 KUSD-2 SD 1020	21.53	WLBT-3 MS 955
8 Es 2116 KETS-2 AR 945	19 Es	1830 KUSD-2 SD 1020	21.59	KOET-3 OK 1085
2126 KSNB-4 NE 1110	23 Es			WMAB-2 MS 865 KTBS-3 LA 1110
2127 KINE-3 NE 1175		1016 KQTV-2 MO 940		WBRZ-2 LA 1090
0 Fe 1015 KGAN-2 TA 760		1029 KGTV=7 MU 947 20		WLBT-3 MS 955
2159 KJRH-2 OK 1075 9 Es 1915 KGAN-2 IA 760 2025 IGR6-3 CU 1330 12 Es 1000 WWL-4 LA 1075 WERZ-2 LA 1006		WDAF_L MO "	1057	WKRG-5 AL 960
12 Es 1000 WWL-4 LA 1075		1100 WEAR-3 FL 950	1059	WEAR-3 FL 950
WHRZ-2 LA 1090	)	WCBI-4 MS 825	1128	KEMV-6 AR 945
		1128 WABG-6 MS 895		KETS-2 AR 905
1011 WEAR-3 FL 950 1017 WPTV-5 FL 1035	í	1130 KFSM-5 AR 1020		KOTV-6 OK 1075
1045 WKRG-5 AL 960		1200 WLBT-3 MS 955	1229	KQTV-2 MO 940
1059 KATC-3 LA 1150		1228 WRHI-3 GA 750	7.020	KSNW-3 KS 1105
1130 KTBS-3 LA 1110	)	1230 WTVY-4 AL 840	1230	KTVO-3 MO 820 WDAF-4 MO 945
1304 WLBT-3 MS 955 1415 WCIX-6 FL 1100		1258 WDSU-6 LA 1075 1259 WDIU-2 AL 885	1 221	KCTV-5 MO
1546 WIVY-4 AL 840	,	WWL-1+ LA 1075		WOC-TV-6 IA705
	OL Re	0829 WTVJ-4 FL 1100		WOI-5 IA 865
1659 KPRC-2 TX 1305		0831 ICR6-3 CU 1330		WOWT-6 NE 985
14 Es 1550 WPBT-2 FL 1100		0905 WCTV-6 GA 860		KGAN-2 IA 760
1716 WBRZ-2 LA 1090	)	0958 WPBT-2 FL 1100	1313	KIMT-3 IA 845
1728 KYTV-3 MO 910		1000 WTVY-+ AL 840	1321	KTIV-4 IA 1000
1730 KTVI-2 MO 725		WCIX-6 FL 1100		KUSD-2 SD 1020
1735 KMOX-1+ MO 725		1004 WPTV-5 FL 1035		WPBT-2 FL 1100
1800 KSDK-5 MO 725	•	1030 WESH-2 FL 875		KDLO-3 SD 1040 KTCA-2 MN 855
1826 KOTV-6 OK 1075	1	1055 WAGA-5 GA 660		KNOP-2 NE 1240
			1030	MOF-E NE 1270

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.

BOLD because It would be my Shortest in ever-				
Steve West: 432 Kenmore Rd	Havertown, PA 19083 EDT	<u>?</u>		
May 1983	June 1983	June 1983		
25 Tr 2200 WITN-7 NC	14 Tr 0900 WKFT-40 NC v5	12 Tr 1020 WTBS-17 GA V1		
28 Tr 2100 " "	WPDE-15 SC v3	WETV-30 GA V4+		
2300 WUNM-19 NC	2200 WUNM-19 NC V2			
29 Tr 0145 WPDE-15 SC 475	WSBE-36 RI V1	WLTZ-38 GA v2		
0200 WJCL-22 GA 635	15 Tr 0930 WITN-7 NC v3	2240 WAWS-30 FL V1		
WPTF-28 NC	Es 1000 Colorvision-2;	WJKS-17 FL vl		
0230 WOLO-25 SC 525	Dominican Rep.	WJWJ-16 SC v2		
WBTW-13 SC 475	Tr 2200 Norfolk U's v5	13 Tr 0800 WGXA-24 GA v5		
_	16 Tr 0930 WKFT-40 NC v3	WLTX-19 SC v5		
<u>June 1983</u>	18 Tr 0930 WUNK-25 NC v3			
3 Es 1830 KQTV-2 MO	Es 1230 WMAB-2 MS	5,00 <u></u> <u>Je uz 7,0</u>		
5 Es 1900 KARK-+ AR	26 Es 1145 unided-2	0930 WHKY-14 NC v5		
7 Es 1930 Cuba-5; 1800	T7 1002			
s/on, no color.	July 1983	(The vl to v5 indicates		
8 Es 1830 Oklahoma FM;	2 Es 2000 Texas FM's	signal strength; i.e.,		
muf 98.5.	23 Es 1130 KARK-4 AR	vi being the weakest		
10 Tr 0100 WLFL-22 NC	muf 107.1	and v5 being the strong-		
0700 WPCQ-36 NC	24 Es 1100 Miami FM's	est. For more info.		
wcti-12 nc	muf 107.9	contact Stevewd.)		
0730 WITN-7 NC	Throw Withhout I are	contact brevewd.)		
Es 1800 Cuba-4&5	From Kitty Hawk, NC:			
Tele-Rebelde; digital	June 1983			
EDT in lower left of	11 Tr 2330 WOLO-25 SC			
screen: s/on.	12 Tr 0200 WJCL-22 GA v5			

Eastern TV-DX 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.

Iknow two people who bought Sears: 9" bow 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 Taiwan 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. Philadelphia was so strong it gave adjacent channel interference. The weather was usual. New Anglend 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 WHRO-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 interfere in PA and NC.

WKBS-48 Philadelphia is suppose to go off the air Aug 31 if Field Communications doesn't find a buyer. WNVT-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? XHOK 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.

Rric Fader: 23-35 Bell Blvd., Bayside, NY 11360 EDT?

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May 1983
24 Es 2150 Cuba-3; which oner;
2200 WEDU-3 FL 27 Es 2020
                                                               July 1983
10 Es 1331 WEAR-3 FL
1340 muf down to ch2
                               27 Es 2020 KATC-3 LA
26 Es 1802 WREL-3 GA
1830 KTBS-3 LA
                                      2200 KOET-3 OK t 12 Rs 1325 cci ch 2
1230 missed opening 1401 Cuba-3; which??
                               28 Es 1230 missed opening
       1925 ----6 LA
                                            to FL & Cuba.
                                                                      1445 diagonal cci on
             (one of them)
                                      1805 cci on 2 & 3
                                                                      ch 2. Is this a Cu-
       2000 KTBS-3 LA
                               30 Tr MD 16; PA 17,23,29,48; ban offset patter
MA 22,25,27; CT 24,30; 14 Es 1510 cci ch 2
                                                                      ban offset pattern??
       (opening dying)
27 Es 1110 KIMT-3 IA
                                      MD 28.
                                                                         1800 KOET-3 OK
       1135 KAAL-6 MN t
                                      2255 WTVZ-33 VA 1850 PBS-6
Portsmouth-Norfolk18 Es 1550 cci ch.2;
       1300 KIMT-3 IA
       (fade out 1325)
                                            Newport News. missed opening to AL, FL, GA
                                             WMDT-47 MD t
                                                               & Cuba.
June 1983
3 Es 1954 cci chs.2-4 to 2040
5 Es 1925 KTBS-3 LA
                                      2338 WRBV-65 NJ
Vineland
                                                                  19 Es 1935-1957 cci ch3
                                                                  23 Es 1420 WEDU-3 & Cu-
                                                                      ba; ditto at 1657.
      1940 KTAL-6 LA
           cci ch.4 but 17 0022 WBFF-45 MD cothing on 2 or 3. Baltimore
                                                                   24 Bs 0845 WEAR-3 FL
      2020 cci ch.4 but
                                                                          0848 WEDU-3 FL
                                                                          0958 WDSU-6 LA
6 Es 2108 cci 2-3
                                     0039 WPRI-12 RI
                                                                          1032 WLBT-3 MS
8 Es 2025 KOET-3 OK to 2140
                                     0040 WJZ-13 MD
                                                                      opening to FL to 107
9 Tr 2327 WBOC-16 MD perfect. 3 Es 1247-1310 cci on 2
                                                                      .9 FM died at 1300
            Portsmouth-Norfolk- 2021 Mars Bar
      2329 WYAH-27 VA
                                                                      Back again at 1820.
                                     2021 Texas Rangers BB
                                                                  27 Es missed opening to
            Newport News
                                     2300+ opening dead
                                                                  LA, AR, OK, TN, MO, IA.
On & off 1030-1515.
      2330 MA 19,22,25; MD 28. 4 Es 0820 cci 2&3
Nothing between 6/9 & 6/27.
                                    1312 KBTX-3 TX t
                                                                  Tr MD 16,28; PA 17;
MA 22,27; PA or VA 27;
MA 38,40,56; RI 36; NJ40
28 Tr 0115 WVEC-13; DC9
27 Es 1630 Missed opening to 6 Es 1249-1325 cci 2
             Iowa and Missouri. 9 Es 2102 cci ch 2
       1908 WEAR-3 FL
                                  10 Es 1240 WEDU-3 FL
       1934 WRCB-3 TN
                                          1245 WSAV-3 GA
                                                                  29 Es 1000-1400 cci 2&3
                                                Savannah
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Eastern TV-DX 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 trops, some Es but not nearly what one would expect. I hope trops 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 trops opening on July 7-8 but really there has some trops 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., statations also in New Orleans, Baton Rouge, Shreveport in also. Portales on 3. Weslaco (only second time seen) and many others in.

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

July 6 - Es Nebraska, Kansas: some trops 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 & 36; 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; WGN-52,WGSF-51, all Pittsburgh U's, WTM-15,WVMH-23, also 33,41,48 (last 2 xltrs); Ohio U's 14,16,17,18,20,22,24,26,30,34,42,44,45,48,49,51,57,67; xltrs 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. trops 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),WYAH-27,WHIZ-18, WVAH-23, WTAP-15, WLKY-32, WDRB-41; Canton 17,67; all Chicago U's. Dayton 16,22; WTJC-26, WDSU-34-WCET-48, WNEO-45; WDUC-44, WDUB-20; all MI U's; WKYH-57, WCRB-34(new); WKOH-31 Lexington 18,27,36,46 super; WVTY-18, WGSF-51, WPEO-42; WV xltrs 41248. Huntington 33; WGGS-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-11, WVTA-11. WNPI-18. WN.DU-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, WHT-31, WXIX-19, WNDU-16, WTJC-26, WKEF-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, WGCN-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, WRĀU-19, WKOI-43.

July 11.14-23 Trops 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 Michigan V'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 WD, I noticed you asked how high a stack of them would be, minus issue #1. Wall, 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

Kastern TV-DX Kadet; continued--- September 1983

co. 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 June 1983

WN VC-56 VA 113 11 Es 1955 muf ch.3; W 15 Es 1300 Cuba ch.3

Fairfax 2001 muf ch. 1 WPBT-2 FL 974 2016 ABC ch.2 3 Es 1700 muf ch.4 1708 WDAF-4 MO 1034 2040 H H H Tr 2030 Tidewater & Onan-1714 KSNB-4 NE t hanging in: cock all in. Hvy 1720 KT VO-3 MO 891 faded out. cci flutter on 1725 KMTV-3 NE 1100 1800 WDAR-4 again. from 2059-2100. W25AA, but I think 2128 ABC-2 drivthey're xmitting it 1803 KJRH-2 OK 1139 me up a walli that way. Tr 2040 Virginia 10,27, 16 Tr 2300 Tidewater & 4 Rs 1115 Unided-2 33 in strong. WUNM-19 in strong 2122 WUNM-19 NC 345 21 Es 1924 WBEM-2 IL 671 2204 WITN-7 NC 242 1930 muf ch.3 2320 W68EH VA 130 2031 KTIV-4 IA 1113 1120 CB6-2; "Fred WUNM-19 in strong. Mc Lead" news. 5 Es 2004 KOET-3 OK t 2028 NBC-2; 8hz cci 2031 KTIV-4 IA 1113 2330 WVEC-13 VA 192 2100 KMTV-3 NE t over WMAR. 7 Es 2100 Unid-2&3; SW WEDU-3 FL 896 14 Es 1556 Øcci onch2 for 2109 cci ch.6 a few minutes. 22 Tr 2300 Tidewater, Rich-Tr 2250 Tidewater 10,13, 8 Rs 1740 Unids-2-6 mond, WUNM all WEDU-3 FL t 15,27,33 & WUNM -19 in strong. strong. Onancock WPBT-2 FL t weak. Onancock xltrs; 26 Es 2026 muf ch.4; weak. Also WIPB-64 KXJB-4 ND; cci 1756 KFSM-5 AR 1081 KXJB-4 ND; cci ch.5 1806 KJRH-2 OK t 2300 WEDN-53 CT 217 2133 KFSM-5 t WGGB-40 MA 237 27 Es muf ch.4 WSHK-38, WSBE-36, WVIT-30, WTXX-20 28 Es KOET-3 t WCDC-19, 2311 WHCT-18, WXNE-25. 2030 CHHI-3; 2036 1811 KTVY-4 OK 1245 2130 KJRH-2 " 2154 fadeout 10 Rs 1822 weak opening 29 Es 2100 KFSM-5 AR 1081 June 1983 30 Tr 2300 WHCT-18 CT 206 July 1983 3 Es muf ch.4; TX WCDC-19 MA 249 2016 muf ch.6 KXAS-5 TX 1300 Ft.Worth WVIT-30 CT 202 2045 ch.2-6 WSBK-38 MA 290 all messed up. 25 Es 2028 Triple image on WSBE-36 RI ch.4, but could make out W--- TV call sign: 2042 KJAC Tidewater & Onencock

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 WCSH-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-KXDN) Mitchell; 2210 KTIV-4
IA; 2214 CKPR-2 ON; 2215 KNOP-2 NE; 2219 KDWH-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 KWCN-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 KDLT-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 WLEZ-2 ME; 1834 XHAO-4 Chis; 2120 XHRPM-2 Chis; 2220 KWSE-4 ND; 2228 CBWFT-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 KWCM-2 CO; 1307 KUSD-2 SD; 1322 KNOP-2 NE; 1324 KDUH-4 NE; 1337 KSNC-2 KS; 1402 XEFM-2 Chih; 1411 KMID-2 TX; 1545 WCO-4 MN; 1609 KDIX-2; 1610 KXJB-4 ND; 1611 WDAY-6 ND; 2000 XHGE-4 Ve; 2035 KOA-4 CO; 2053 KGFE-2 ND; 2055 WBBM-2 IL; 2100 WDI-5 IA; 2105 KDIT-5 SD; 2110 KGAN-2 IA; 2115 CHFD-4 ON; 2120 ASTP-5 AI; 2127 KBJR-6 MN; 2135 KPRY-4 SD; 2139 KTIV-4 IA;

166-30 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;

Eastern TV-DX Rogers; continued--- September 1983 6/30 Es 1439 KTWO-2 WY; 1440 KDLT-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 WVTM-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 XHAJ-5 Ve; 1242 XHTV-4 DF; 1253 WP HT-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 Yue; 1425 KRGV-5 TX; 1435 KPRC-2 TX; 1455 KMOL-4 TX; 1500 XELN-4 Coah; 1522 KMID-2 TX; 1543 XEPM-2 Chin; 1555 KTXT-5 TX; 1601 KDEC-4 TX; 1620 KJRH-2 OK; 1622 KTYY-4 OK; 1624 KAMR-4 TX; 1645 KWCN-2 CO; 1855 KNOP-2 NE; 1935 KDH-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 KDLT-5 SD; 2021 WDWT-6 NE; 2024 KHAS-5 NE; 2051 CKPR-2 ON; 2100 KSRB-4 NE; 2214 KXJB-4 ND; 2216 KGFR-2 ND; 2218 KDLH-3 MN; 2221 KSTF-5 MN; 2223 KTCA-2 MN; 2224 WCOO-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 KWCN-2 CO; 2200 KGFE-2 ND.

7/5 Es 0820 XHRPM-2 Chis; 0920 KMID-2 TX; 1010 KWCN-2 CO; 1011 KOA-4 CO; 1012 KOAA-5 CO; 1018 KRNA-6 CO; 1114 KGHT-4 TX; 1820 KUSD-2 SD; 1830 KGFR-2 ND; 1923 CBFT-2 P4; 1930 WKTV-2 NY; 2002 WLEZ-2 ME; 2100 CKCN-2-2 ON; 2104 CHIT-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 CFWT-2-4 MB

7/6 Es 1235 KWGN-2 CO; 1320 WGHH-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 KTWD-2 WY; 1005 KLNE-3 NE; 1006 KSNB-4 NE; 1008 KSNC-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 KOCO-5 OK; 1118 KWCN-2 CD; 1120 KAYL-7 TX; 1132 KAMR-4 TX; 1134 KAUZ-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 KEPM-2 Chin; 1330 XEJ-5 Chin; 1331 KENW-3 NM; 2123 KFBB-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 XHAJ-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 WGHH-2 MA; 0950 KSNC-2 KS; 1010 KGBT-4 TX; 1020 KRGV-5 TX; 1030 KPRC-2 TX; 1200 KRIS-6 TX; 1230 WESH-2 FL; 1232 WPHT-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 KWCN -2 CO;

7-13 Es 2015 CFCL-2-2 ON

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 NN; 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

Eastern TV-DX Rogers; continued--- September 1983
7/14 Es 1940 CKY-7 MB Winnipeg (very weak); 2005 KWCN-2 CO; 2006 KDA-4 CO; 2045 KDM-4 NE; 2053 KAMR-4 TX; 2055 KNME-5 NM; 2058 KDB-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 WLEZ-2 ME; 0908 WGBS-2 NY; 0910 WGVB-5 MA; 0911 WEZ-4 MA; 0912 WNBC-4 NY; 0930 WGHE-2 MA; 0936 WMAR-2 MD Baltimore; 0947 CBFT-2 PQ; 1003 CKND-2-2 MB; 1008 CKCY-2 ON; 1100 KWGN-2 CO; 1234 CKPR-2 ON; 1435 XHEPM-2 Chis; 1842 KGHT-4 TX; 1855 XHGL-4 Ver; 1912 KPRC-2 TX; 1927 KRGV-5 TX; 1930 XHGE-5 Camp; 2047 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 Rs 1105 XEPM-2 Chib; 1200 KUSD-2 SD; 1202 KTIV-4 IA; 1204 KULT-5 SD; 1206 KPIO-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 WP BT-2 FL; 0933 ICR-5 Cuba;

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

7-22 Bs 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 KDBC-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 KOA-4 CO; 2300 KNOP-2 NE; 2310 KTVY-4 OK; 2330 KJRH-2 OK

7-23 Es 0910 WLEZ-2 ME; 0935 CHFT-2 PQ; 1004 CHOT-4 ON; 1005 WKTV-2 NY; 1006 WTVB-4 NY; 1007 WGH-2 MA; 1019 CKPR-2 ON; 1020 CKRN-4 PQ; 1032 WCSH-6 ME; 1034 WAHI-5 ME; 1040 WLNE-6 RI; 1100 WTVB-5 NY; 1105 CHFD-4 ON; 1115 WGHZ-2 NY; 1155 CFCM-4 PQ; 1211 CKND-2-2 MB; 1225 TR-5 Cuba; 1230 WCBS-2 NY; 1232 WNHC-4 NY; 1235 WNEW-5 NY; 1238 WCVB-5 MA; 1240 WHZ-4 MA; 1242 WRGB-6 NY; 1245 WFSB-3 CT; 1315 WFRV-5 WI; 1330 KTCA-2 MN; 1338 KDUH-4 NE; 1342 KPHY-4 SD; 1350 KYCU-5 WY; 1405 KNOP-2 NE; 1426 KUSD-2 SD; 1428 KTIV-4 IA; 1450 KSNB-4 NE; 1538 KTW0-2 WY; 1545 KHAS-5 NE; 1605 XHGC-5 DF; 1627 KWGN-2 CO; 1633 KDA-4 CO; 1637 KDAA-5 CO; 1705 KSNC-2 KS.

7-24 Bs 1020 WCBS-2 NY; 1021 WRGB-6 NY; 1023 WNEW-5 NY; 1025 WNBC-4 NY; 1027 WINE-6 RI; 1035 WEZ-4 MA; 1040 WGBH-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 Columbia; 2058 KUSD-2 SD; 2100 KTIV-4 IA; 2105 KCTV-5 MO; 2109 KXJB-4 ND; 2119 WDAY-6 ND; 2120 KFYR-5 ND; 2121 KSNB-4 NE; 2125 KWNB-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 KFDX-3 TX; 2210 KANR-4 TX; 2230 KJFE-2 OK; 2240 KOTV-6 OK; 2301 KSNC-2 KS; 2302 KOA-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-+ which had a soap opera on at the time. On July 8th I got KF8B-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 WTFDA convention in Dunkirk, NY this year but please tell everyone that I'm thinking bout all of you.



Mike Reid 109 Arjay Cres. North York, Ont. M2L 106 CANADA

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



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



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



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WTBS-17 Atlanta, GA 1098 mi. Tr June 7/82 (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 m:k

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

Western TV DX

Deadline: 10- 8-83

MDT

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 Mode Tentative - t Unidentified - unid.

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260 (505)-396-3432

June 1983 22 Es 1956 KATU 2 OR 1319 KOIN 6 OR 1319 2002 WTWO 2 IN 981 2100 KTVI 2 MO 824 23 Es 0915 unids ch 2, 3 ne 2028 KOBI 5 OR 1224 2100 KBCI 2 ID 990 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 WCBI 4 MS 864 (Had to go and do an installation, missed a lot of DX.FM too.) 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 4 WV 1292 2100 WOAY 2128 WDTN 2 OH 1152 2130 WCMH 4 OH 1215 WCRZ 2 NY 1472 2200 WTTV 4 IN 1059 26 Es 0800 WWAY 3 NC 1463 0959 WCBI 4 MS 864 WAGA 5 GA 1098 1000 WSB 2 GA 1098 1612 WITV 4 IN 1059 1614 WCMH 4 OH 1215 1630 WBBM 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

(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)

2106 unid ch 4 ne

27 tr 0900 KVTV 13 TX 441 2 Es 1100 KBCI 2 ID 990 (Plus, Austin 24, 36, 1104 KRTVt 3 MT NBC+ Victoria 25, Browns-1230 KTVQ 2 MT 900 ville 23.) 1656 WSB 2 GA 1098 0920 KORO 28 TX 505 3 tr 0600-1000 Kansas City Es 1930 WCCO 4 MN 968 41 and 50, OKC 2128 KTVM 6 MT 1004 U's, & Tulsa U's 5 MT 1062 5 WY 725 2 OH 1152 2225 KFBB (With good sigs) 2227 KOWY Es 1029 unid ch 2 east 28 Es 0011 WDTN 1126 WIVY 4 AL 1067 0015 WCMH 4 OH 1215 1200 KNXT 2 CA 855 0025 WLWT 5 OH 1125 KEYT 3 CA 945 1300 WESH 0030 WTVNt 6 OH 2 FL 1346 1728 CBWYT 2 MB 1328 WUFT 5 FL 1274 (ID - "CBC Manitoba. 1309 WEAR 3 FL 950 Channel 6. Cable 2") WSB 2 GA 1098 29 Es 1545 unids chs 2, 3 e 1452 WNGE 2 TN 968 1620 unid ch 2 Mexico 1600 WAGA 5 GA 1098 1725 unids 2-6 Mexico 2 MO 824 1629 KTVI 1739 WCCO 4 MN 968 2 SA 1188 1859 CKTV 1757 KTIV 4 IA 747 1800 XHZ 5 QR 840 2000 KDIX 2 ND 936 4 tr 0700-0800 Houston U's (Off back of antenna: Austin and D-FW 2Es Iowa - Mexico?) U's. 1930 XEW 2 DF 960 KAVU 25 TX 468 KEDT 16 TX 505 2320 unids chs 2-4 ne 0929 KWEX 41 TX 380 2330 WLWT 5 OH 1125 Es 0929 WDTN 2334 WDTN 2 OH 1152 2 OH 1152 30 Es 0830 WMAB 2 MS 828 0930 KTCA 2 MN 968 0900 WCPX 6 FL 1359 0932 KDIX 2 ND 936 864 1030 WIVY 4 AL 1067 1328 WCBI 4 MS 1400 WBBM 2 IL 1049 1436 KTVU 2 CA 1116 2 ND 1058 1437 KRON 4 CA 1116 1730 KGFE 2 MN 968 5 CA 1116 1900 KTCA KPIX 2000 KNXT 2 CA 855 3 MO .635 2 ND 936 5 Es 0830 KYTV 1 tr 0819 KSNT 27 KS 585 0900 KDIX 0825 KLDH 49 KS 585 0929 KFYR 5 ND 927 0830 K49AQ 49 TX 195 4 NE 630 2 CA 1116 0930 KDUH 2100 KTVU (Clarendon KVII-7) Es 1900 WTOM 4 MI 1295 KSBY 6 CA 1004 (ID - "Channels 7 and KPIX 5 CA 1116 4 for northern MI.") KRON 4 CA 1116 3 CA 1080 2026 WDTN 2 OH 1152 2129 KCRA 6 tr 0040 KO6GF 6 NM 91 2100 WJBK 2 MI 1260 (Clovis KVII-7, RARE) 2105 WDIV 4 MI 1260 2109 WBBM 2 IL 1049 Es 0824 unids 2,4 Mexico 2 tr 0645 Topeka, KS 27,49 1820-2030 unids chans 0648 K30AE 30 OK 370 0650 K49AQ 49 TX 195 2-6, Mexico. 7 tr 1906 KMTC 27 MO 635 OKC, DFW, Aus. U 1907 KHBS 40 AR 540 1916 KSPR 33 MO 635 0655 unid ch 53, OK? (Unknown 1930 Tulsa 23,41, and KOKH-25) 0710 KC, MO 41,50 630 OKC ch 25 and 43 Es 1034 KUTV 2 UT 707 2002 KOZK 21 MO 635 1035 KTVX 4 UT 707 8 Es 0858 WSMV 4 TN 968 1057 KSL 5 UT 707 0900 WCBD 2 SC 1359

Jim Pizzi (continued) 18 Es 0933 WTVY 4 AL 1067 23 Es 1300 WTMJ 4 WI 1067 1157 WBAY 2 WI 1125 1327 WBAY 2 WI 1125 8 Es 1928 unid 2 ne Canada 1639 CKTV 2 SA 1188 1358 WTTV 4 IN 1059 1931 WAVE 3 KY 1049 1730 WJXT 4 FL 1300 1403 WRTV 6 IN 1059 1952 KGAN 2 IA 878 2102 KTVI 2 MO 824 1430 WEWS 5 OH 1310 2000 WSMV 4 TN 968 2103 WTWO 2 IN 981 1529 KGAN 2 IA 878 2001 WSJK 2 TN 1170 tr 2300 unid ch 28 OK? 1539 WCCO 4 MN 968 2032 WVVA 6 WV 1274 3 MN 1094 5 CH 205 (+ or - offset. 1559 KDLH 2100 WLWT 5 OH 1125 maybe new LPTV tr#2248 XEJ tr 2102 KSPR 33 MO 635 or xlator. App. #2253 KDBC 4 TX 201 2114 KMTC 27 MO 635 for LPTV in OK: 24 Es 1027 WJXT 4 FL 1300 Es 2115 WDTN 2 OH 1152 Woodword) 1029 WIVY 4 AL 1067 2118 KTVI 2 MO 824 Es 2331 unid ch 2 Cuba. 1111 XEW 2 DF 960 tr 2120 KOZK 21 MO Carribean?? 1115 unid ch 2 Mexico 11 Es 1527 XEW 2 DF 960 (+10 kHz offset. (0 kHz - XEW network) 1543 WESH 2 FL 1343 horizontal sync 1759 KTVU 2 CA 1116 1627 XHTRM 4 ?? ??? different, vert 4 CA 1116 1800 KRON 1630 WWL 4 LA 819 sync OK. Over/ 1900 KTVN 2 NV 1008 1700 WDIO 2 AL 1008 under KMID.) KCRL 4 NV 1008 WEDU 3 FL 1300 19 Es 0052 XEW 2 DF 960 1901 KNXT 2 CA 855 4 AL 1067 WTVY 0116 XHFMt 2 MX 1908 KSBY 6 CA 1004 1701 WBRZ 2 LA 743 (Not XEW net) 1929 KPIX 5 CA 1116 WEAR 3 FL 950 0117 unid ch 3 XEW 1945 KVIE 6 CA 1071 1830 WCTV 6 GA 1148 0948 unids ch 2-6 e (Went to FM) 1143 KTVU 2 CA 1116 1854 WJHGt 7 FL 2144 unid ch 7 ne (Heavy 20 kHz - KOSA) Es 2017 XEW 2 DF 960 (0 kHz - KOSA-7) 2105 WCIV 4 SC 1359 2145 unids 2,4,5 Mex. 2200 CKGN 6 ON 1409 2110 WJXT 4 FL 1300 20 tr 0840 KERA 13 TX 368 2257 WDTNt 2 OH 2130 WYFF 4 SC 1206 (Over KLBK-13) 25 Es 0000 KDKA 2 PA 137; 2136 WSB 2 GA 1098 DFW & Austin U's 0841 XEW 2 DF 960 12 Es 0039 KTVI 2 MO 824 0846 KVHPt 29 LA 0850 unid ch 4 Mexico 0859 WESH 2 FL 1343 Es 0929 XEW 2 DF 960 (Not XEW net) WUFT 5 FL 1274 21 Es 1858 XEW 960 2 DF tr 2240 K53BE 53 OK 273 0928 CKND# 2 MB 1184 22 Es 1617 WCBD 2 SC 1359 (Guymon LPTV) 1233 WCIV 4 SC 1359 1618 WCIV 4 SC 1359 -2243 <u>K55CV</u> 55 NM <u>152</u> (Montoya K0B- 4) 1729 WCMH 4 OH 1215 1756 WSMV 4 TN 968 1731 WDTN 2 OH 1152 1830 WSJK 2 TN 1170 K38AM 38 OK 300 2100-2130 2-5 OR & WA WOAY 4 WV 1292 (Strong City KAMR- 4) 14 Es 0831 WESH 2 FL 1343 1831 WAVE 3 KY 1049 (Formerly KTVY- 4) 1256 KTVU 2 CA 1116 1928 WDIV 4 MI 1260 K40AG 40 OK 300 1859 WSJK 2 TN 1170 1959 WBBM 2 IL 1040 (Strong City KVIJ- 8) 15 Es 1713 WBBM 2 IL 1040 2130 CBWYT 2 MB 1328 (Formerly KWIV- 9) 17 Es 1235 unid ch 2 ne 2132 KXJB 4 ND 990 K42AG 42 OK 300 2103 WYFF 4 SC 1206 2326 CKPRt 2 ON (Strong City KFDA-10) 2119 WCYB 5 TN 1224 (S/off. 580 AM 24hrs) (Formerly KVIJ- 8) 2124 WRCB 3 TN 1035 2356 CKTV 2 SA 1188 K62AD 62 TX 249 2200 WGRZ 2 NY 1472 23 Es 0121 WBBM 2 IL 1040 (Texhoma KFDA-10) 2205 KTVI 2 MO 824 0124 WMAQ 5 IL 1040 K57BR 57 NM 152 2300 WDAF 4 MO 630 (Verified by phone.) tr#0218 KOAA 5 00 405 (Montoya KOAT- 7) Es 1023 CKPR 2 ON 1260 K57CW 57 TX 116 18 Es 0800 unid ch 2 Mexico 1039 unid ch 6 north (Bovina KVII- 7) 0848 XEW 2 DF 960 1059 CKYB 4 MB 1148 -2338 <u>K53--</u> 53 OK <u>???</u> 0900 KGAN 2 IA 878 1129 CKTV 2 SA 1188 (Unknown KOKH-25) 0932 WJXT 4 FL 1300 1300 WBBM 2 IL 1040 26 Es 1230 unid ch 2 east

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-O 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 WWMA-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.

September 1983

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

KVII-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 trops and limited Es) my interest in DX'ing has improved by being

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 34 MN 183
2052 XEJ 5 CH 1130	2136 KLDH 49 KS 384	0729 K36AA 36 MN 183
2054 KDBC 4 TX 1125	(New station w / ABC)	15 tr 0712 WQRF 39 IL 218
28 Es 0715 KPRC 2 TX 1005	2202 KTVJ 16 MO 496	0713 WEEK 25 IL 278
1459 KNAZ 2 AZ 1175	2207 KOAM 7 KS 475	0716 WIFR 23 IL 194
tr 1600 KTIV 4 IA 222	2230 KHIN 36 IA 257	0720 WMBD 31 IL 278
Es 1754 KID 3 ID 953	2249 WOI 5 IA 148	0721 KDUB 40(WI) 145
1800 KBCI 2 ID 1153	9 tr 0710 WIFR 23 IL 194	17 tr 0652 WMTV 15 WI 168
1829 KUTV 2 UT 1047	0714 KDUB 40(WI) 145	0755 WHA 21 WI 168
2040 CHBCt 2 BC 1293	0756 WTVO 17 IL 218	0818 WVCY 30 WI 237
29 Es 1901 KDBC 4 TX 1125	0800 WYCC 20 IL 288	0820 WVTV 18 WI 237
1902 XEPM 2 CH 1130	0802 WSNS 44 IL 288	18 Es 2045 XEFE 2 TA 1220
	0807 WFLD 32 IL 288	19 tr 1634 KSFY 13 SD 217
1939 XEJ 5 CH 1130	0808 WCIU 26 IL 288	1642 KMEG 14 IA 222
	(Spanish)	Es 1644 XEPM 2 CH 1130
\$-3 4000	0817 WCFC 38 IL 288	tr 2028 K22AE 22 MN 87
July 1983		(New Ulm LPTV)
1 tr 2122 KMEG 14 IA 222	1248 WLRE 26 WI 222 10 tr 0709 K26AC 26 MN 260	
2124 KSIN 27 IA 222		
2131 WCIU 26 IL 288	(Brainerd LPTV - STV	
2140 WSNS 44 IL 288	with barker audio.)	2036 K50AB 50 MN 106
(STV - ON TV)	0710 K22AC 22 MN 177	(St. James KAAL- 6)
2142 WFLD 32 IL 288	(Brainerd KSTP-5)	2038 K48AA 48 MN 106
2148 WCGV 24 WI 237	0712 K14AD 14 MW 140	(St. James LPTV)
(STV - SelecTV)	(Willmar KSTP-5)	2044 WLEF 36 WI 170
2201 <u>WYCC</u> 20 IL <u>288</u>	0714 <u>k30af</u> 30 mn <u>183</u>	(Crystal clear)
2204 WLS 7 IL 288	(Alexandria LPTV)	2047 WHRM 20 WI 155
2211 WOFC 38 IL 288	0723 <u>k40aa</u> 40 mn <u>183</u>	20 tr 0724 K18AI 18 MN 225
2219 <u>WBBS</u> 60 IL <u>268</u>	(Alexandria KTHI-11)	(Grand Rapids LPTV)
3 tr 1742 WFLD 32 IL 288	0729 <u>k34af</u> 34 mn <u>183</u>	1648 WGTU 29 MI 336
1844 KCBR 17 IA 178	(Alexandria LPTV)	1654 WBAY 2 WI 222
2125 WHRM 20 WI 155	0738 K20AC 20 MN 210	1659 WFRV 5 WI 222
5 tr 1848 WVTV 18 WI 237	(Wadena KSTP-5)	21 tr 0713 WEEK 25 IL 278
7 tr 0706 WFLD 32 IL 288	0739 K24AE 24 MN 183	22 Es 2130 KAID 4 ID 1153
0708 WYCC 20 IL 288	(Alexandria KSTP-5)	2132 KBCI 2 ID 1153
8 Es 1531 KBCI 2 ID 1153	0800 K36AA 36 MN 183	2138 KID 3 ID 953
tr 2110 KSPR 33 MO 478	(Alexandria WDAY- 6)	23 tr 0808 W15AB 15 WI 109
2119 KAUT 43 OK 656	1105 WVCY 30 WI 237	(Rice Lake LPTV)
(My new tropo record)	13 tr 2102 KMEG 14 IA 222	0831 WLRE 26 WI 222
2124 KOKH 25 OK 656	14 tr 0724 K14AD 14 MN 140	0642 KYFC 50 MO 362
2130 KTBO 14 OK 656	0725 K20AC 20 MN 210	(CBTP- NOAA wx audio)
<del></del>		

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)

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

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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, DWWX, Quezon
                                                      1000-1300
                                                                 Phil. A2, DWWX, Quezon
                  Phil. A3, DYDY, Cebu
                                                                 Phil. A3, DYDY, Cebu
                   Phil. A4, DYBQ, Bacolod
                                                                 Phil. A4, DYBQ, Bacolod
                                               6 July 1200-1300 China C1, C2 unid.
22 June 0900-1000 China C1, C2, C3 unid.
        1800-1900 Phil. A2, DWWX, Quezon
                                                                 China C1, C2 unid.
                                               7 July 1200-1300
                  Phil. A3, DYDY, Cebu
                                               8 July 1200-1300
                                                                China C1, C2 unid.
                   Phil. A4, DYBQ, Bacolod
                                                      1700-1900 Phil. A2, DWWX, 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, DWWX, 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, DWWX, Quezon
                                                      1130-1300 Phil. A2, DWWX, 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, DWWX, Quezon
                  KBS Korea A5, Seoul
                                              24 July 0930-1030 China C1, C2 unid.
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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) 1930 WCYB 5(TN)1041	(MUF 94.1 € 1021-VA)	(MUF 102.9 € 2304-LA)
(MUF 102.1 @ 1959-NC)	1027 WRAL 5 NC 1215 1129 WMAB 2 MS 1015	2328 KUTV 2 UT 880 26 Es 1959 KETS 2 AR 890
15 Es 1700 WLBZ 2 ME 1355	1159 KETS 2 AR 890	29 tr 0927 K61AU 61 MN 155
(MUF 93.1 @ 1721-NB)	1408 KBTX 3 TX 1120	(GraniteFallsWCOO-4)
18 Es 1958 XEPMt 2 CH	1409 KPRC 2 TX 1195	0950 K70DH 70 MN 140
22 tr 0655 WEEK 25 IL 560	(MUF 90.1 @ 1421-TX)	(Aitkin KDLH-3)
0859 WKOW 27 WI 445	1429 KIII 3 TX 1330	· · · · · · · · · · · · · · · · · · ·
0930 WHA 21 WI 445	1459 unid ch 3 Mexico	August 1983
Es 2153 KUTV 2 UT 880	1515 <u>KACB</u> 3 TX <u>1070</u>	1 AE 0010 WKTV 2 NY 1095
(MUF 104.3 € 2158-UT)	1529 KMID 2 TX 1060	0012 CBFT 2 PQ 1110
2224 KTVXt 4 UT	(MUF 107.9 € 1609-AZ)	0014 unid ch 3 CBS e
(ABC CCI - KXJB)	24 Es 2006 unid ch 2 NBC se	5 tr 0044 <u>K60BL</u> 60 MN <u>135</u>
2228 KSL 5 UT 875	(MUF 107.3 € 2035-GA)	(Max WIRT-13)
23 Es 0059 CFAC 2 AB 840	(MUF 104.5 @ 2135-MS)	5 tr 0048 K62BH 62 MN 135
0929 WFMY 2 NC 1150	(MUF 104.5 @ 2205-MS)	(Max KDLH-3)
	(continued on page 32	) <b>25</b>

SEPTEMBER 1983

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

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

Steven John Taaffe, 621 Warren, Topeka, KS 66606 Greatings from Kansas. I'm a relatively new member to WTFDA 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 cow 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 KTPK was recently off air on 106.9 and was able to hear much wanted KBLT 107.1 in Baxter Springs and also KTXY 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, MRBQ 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. WTGQ 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 vfd 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 muggy 100 degrees heare. (Same in Oklahoma, DB.)

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

6/23 tr

0817 WYFT 99.7 VA Norfelk, g

0848 WSSR 103.3 VA Onancock

0851 WCUL 103.1 VA Culpeper, C-103

0900 WCH 97.3 VA Newport News, c

6/28 tr

0809 WCKS 96.5 VA Williamsburg, Kiss-96

100 WCKS 96.5 VA Williamsburg, Kiss-96
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This brings my total heard to 104. The afternoon loggings were at Timbering in Cakton, 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 [ICF-S5W, a Sony]

```
Tim McVey, Rt. 3, Box 568, Bolivar, TN 38008 3-7 to 7-10 CDT
6/6 Es
                                                6/9 Es
1945 KTDB 89.9 NM Ramah, also KCB and
                                               1702 KBCO 97.3 CO Boulder, aor
KNAZ on TV
                                                    KTAG 97.9 WY Cody, "Tag-98" wx
                                               1711 KDLY
                                                          97.5 WY Lander, "Y-97" ID
1950 KFLG 92.9 AZ Flagstaff & KCTB 93.9
                                               1638 KROE? 94.9 WY Sheridan, WY calendar of
<u>6/8</u> Ess
1700 WBUF 92.9 NY Buffalo, with WGR-2
                                                events
6/9 Es
                                                1740 KYYA in during supper and recorded from
1610 KTAK
           93.9 WY Riverton, ads
                                                1711-1740 with signal level at 4.5!
1615 KIAJ
           92.7 WY Rawlins, K$ (sig. 4.5!)
                                               1749 K--- 92.9 AZ Flagstaff: ann. saying
1616 KTRS 95.5 WY Casper, r. ID
                                                "Kaff Country"
1617 KAWY 94.5 WY Casper, aor
                                                1755 KOB 93.3 NM Albuquerque, ads
1618 ROSK 97.5 NE Chadron, Wolfman Jack
                                                1759 KWJS 94.9 TX Arlington (prev. by tr,
1620 KODY 94.9 NE North Platte, r (Why
                                                note 490 mile skip)
isn't this in Cody?) (And why isn't KOKC in
                                                1805 El Paso in: KFIM, KAMZ, KPAS, KSET,
Okla. City? DB)
                                                KLAQ, KHEY
1625 KUAD 99.1 CO Windsor, "Quad-99"
                                                1813 KOVO 94.5 NM Gallup
1626 unID 103.5 mentions N. Platte and
                                                1817 KIXY 94.7 TX San Angelo, r$ "kixey-FM"
 Ogalalla, r$
                                                2039 KRCS 93.1 SD Sturgis
1631 KERM 98.3 WY Torrington, k$, ID
                                                2040 KVSR 97.9 SD Rapid City, very weak ID
1634 KLWD 96.5 WY Sheridan, k
                                                <u>6/10</u> Es
1635 KYYA 93.3 MT Billings, r "Y-93"
                                               0917 KWFM 92.9 and KJYK 94.9, Tucson, AZ
          92.5 WY Cody, k$ "Q-92" full ID
1636 <u>KECQ</u> 92.5 WY Cody, k$ "Q-92" full 1638 KFAH 92.1 NE Alliance, r$, ads for
                                                0930 unID 94.5 "94-X"
                                                6/11 Es
 Chadron
                                                Veracruz in: XHPS 93.3 . XHRN 96.5.
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cont.......

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SCUTHERN FM DX
                                         McVey. cont.
                                                                             SEPTEMBER 1983
6/11 Es
                                                6/26 Es
XHPR 101.3, XHVE 102.1, XHTS 102.9
                                                1158 WDAY 93.7 ND Fargo, r "Y-94"
1750 XHCP 96.5 TAB Villahermosa, m$, lots of IDs (Estado #11)
                                                1156 KKXL 92.9 ND Grand Forks, r "XL-93"
                                                1159 KFNW 97.9 ND Fargo, c$
1756 XHVV 97.3 TAB Villahermosa, m$. ID
                                                1200 KYTN, KFJM ND G. F.
1905 Puebla in: XHNP 89.3, XHRS 90.1, XHRC
                                                1203 CHIQ 94.3 MB Winnipeg, m$ "Q-94"
6/25 Es
1730 XET 94.1 NL Monterrey
                                                7/3 Es
                                                1000-1900 TVI ch. 2-5 from Cuba & FL. In
1840 El Paso in, MUF rising, area enlarging
                                                NINE HOURS the MUF never got to FM, ugh!!
1900 Amarillo-Lubbock, TX, most of NM in
                                                2047 WSCD 92.9 MN Duluth, c$
1909 Here we go! MUF at TV-8!
                                                2050 WJFM 93.7 MI Grand Rapids, prev. tr
1916 KAZY 106.7 CO Denver, r (signal 4)
                                                2051 unID 93.9 heard WTOX & Ashland, WI ment.
1917 KPPL 107.5 CO Lakewood, "K-people"
                                               2052 WLVE 94.9 WI Baraboo
1920 I'm buried in CO on nearly all
                                                2053 WDRQ? 93.1 MI Detroit, tent.
 channels...zillions of relongs
                                                2056 WYMK 93.1 MI Iron Mountain, k, ID
1930 KYGO 98.5 CO Denver, k
1942 unID 106.5 k$ "Kick-country-106"
                                               2101 WEZF 92.9 VT Burlington
                                                2126 WRKI 95.1 CT Brookfield, "I-95-FM"
1945 KKRD 107.3 KS Wichita. r
                                               2130 WSSH
                                                          99.5 MA Lowell. Boston wx
1946 unID 107.1 L lots of talk, no ID
                                                2133 WCGY 93.7 MA Lawrence. ID
1949 KSTC 104.7 CO Sterling
                                                channels packed below 100, but alt's domi-
1950 KLMO 104.3 CO Longmont. BB game
                                                nation and quick fade-outs left me with more
1951 KJLS 103.3 KS Hays
                                                unIDs than IDs.
1955 KEYN 103.7 KS Wichita
1956 KZMC 106.3 NE McCook, r$, ads, ID
                                                HUNTSVILLE DX: Pitiful. I wound up in an
2006 KBUF 97.3 KS Garden City
                                                apartment in a deep valley in SE Huntsville.
2010-2100 supper time: KUAD 99 in the whole
                                               Friends report Es at times, but none ever
time in $
                                                makes it down the mountain.
2105 KBIL on TV, but dangerous shifting of
                                               6/13 EGW
2037 WSTO 96.1 KY Owensboro, r
duct back to TX....
                                               7/7 tr
0626 <u>KTXR</u> 101.5 MO Springfield, b (400 mi.)
2155 after a zillion more re-logs, MUF
plummets below 70 MHz.
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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 modelnee, 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...?3's, T. K. (I think she could make more constructive use of her time by DXing, DB.)

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Ken Simon, 513 Sixth Ave. South, Lake Worth, FL 33460
12/15 '82 Es
2000 92.5 KKNG Oklahoma City, OK, ads, ID
                                                1900 91.9 TG-- Guatemala latin MOR and
2006 93.3? unID C&W with Chaney. KS ment.
                                                 Sintex ad, saw same on TGV-3...sounded like
2015 93.1 KWLS Pratt. KS --KS wx. ID
                                                 Guatemala City address
WHRS 90.7 moved antenna from Boynton Bch.
                                                1910 96.1 unID SS news, faded by 1910, sus-
studio site to WHRS-TV tower and tested
                                                 pect Guatemala
then announced WHRS West Palm Beach...new?
                                                1942 96.1 TG-- Guatemala..def. ad for R.
(yes, DB.)
                                                Nuevo Mundo
4/19 gw
1258 88.5 <u>WKPX</u> Sunrise, new local
                                                1953 96.9 TS-- El Salvador, R. El Salvador
                                                TD
5/24 Es
                                                2000 98.1?unID latin with ID "-F"
1513 90.1 WMBI Chicago, IL, g
                                                2004 101.3 un D latin "Radio Oepallin" or
1520 91.1 WGYD Kenosha w/WI pub. radio
                                               Sepallin??, Zeppellin??
1830 88.9 WEAA Baltimore w/dis. show ment.
                                               6/25 Es
 Baltimore. tent.
                                                1910 107.3 KKRD Wichita KS, city ment.
1837 92.9 WBUF Buffalo NY WGRZ-TV ch 2 ad
                                                1915 107.5 WGBR Detroit MI, ID, Rocking 107
 ID FM93
                                                1918 106.1 KLFQ Lyons KS, ID
1839 106.3 unID "World Today" news
                                                1920 103.7 KEYN Wichita KS, K-YN ID
6/8 Es
1745 91.7 unID ATC/NPS
                                                1928 100.3 unID FM100
                                                1930 99.5 WQCY Quincy IL, city ment.
1746 99.3 unID C&@ ID "KTLS" maybe KWLS??
                                                1932 107.1?unID ID sounded like KBKV
6/9 Es
                                                1953 92.3 <u>KEZO</u> Omaha NE, local ad
1955 104.1 <u>KEZT</u> Ames IA, local ads
1855 88.1 TG-- Guatemala w/local ads
1857 88.0 TG-- Guatemala w/ Hertz "conoce
                                                     104.1 WJBM Jerseyville IL, city ment.
 Guatemala" ad
                                                cont....
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26

1700 KXRC 93.7 CO Craig, m\$ "FM-94"

SEPTEMBER 1983

#481

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6/25 Es 2002 103.7 KJAN (Clantic IA, ID
                                                   6/25 Es
                                                  2152 103.3 KWDZ Mountain View AR, city ment.
                                                  2157 104.3 KZRC Marshall AR, FM104 Country
2005 98.3 KFMZ (olumbia MO, "MZ Columbia" ID
2012 101.3 unID dich. lottery numbers
                                                   Companion
2021 97.1 KCFM | Clorissant MO, ID
                                                  2200 105.1 KMJX Conway AR, ad for KLRT-16 TV
2027 100.1 WIKI cogola IN, ID
                                                  2211 102.5 KKUZ Joplin MO, local ad
     100.1 WSHN (Creemont MO, ID
                                                  2215 99.3 unID "KGBU" KG99 ????
2032 105.5 <u>KIJK</u> Coob Noster MO, ID
2034 103.3 <u>KPRS</u> Cansas City MO, local ad
                                                  6/28 Es
                                                  1835-37 unIDs 88.9 NPR All Things, 93.1, m
2038 94.5 KTTS Opringfield MO, city ment.
2040 94.9 WAAG Calesberg IL, city ment.
                                                  1838 107.5 WKQP St. George SC, r, "Cupe" ID
2041 95.1 KICT (Cichita KS, city ment.
                                                  1842 107.1 unID MTV audio
2048 102.1 WQWQ Cubois PA, local ad
                                                  1957 88.1 WRJA Sumpter SC, SC ed. net
2052 106.1 KCMA Owasso OK, c, Tulsa ment.
                                                  2027 106.3 WCIP Melbourne FL, relig. then ID
2103 105.7 KMKC iloam Springs AR, K106 ID,
                                                  2024 93.1 unID rock over WIMI
 AR wx
2112 101.9 WVAQ s organtown WV, ID
2115 100.3 KDVV )Hopeka KS, Rock V100
                                                  <u>tr</u>
2033 92.5 <u>WFYN</u> Key West FL, ID
2130 101,3 KFDI dichita KS, local ads
                                                  Es 2047 92.3 WXLK Roanoke VA "K-92"
2142 100.3 KEZQ Cacksonville AR, Little
Rock ment. . m
                                                 2054 107.7 WJYO Orlando FL, ID
                                                      505) 396-3432 - 7-5 to 7-25
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Q ,	
Jim Piszi, P. O. Box 1778, Lovington, NM 882	60 (5
7/5 Ks e	7/6
1657 WNCW 96.7 If Paris, calls 1121	1929
1700 VFRX 97.7 L West Frankfort, ads, 878	"Pr
calls I	1933
1705 WUEV 91.5 It Evensville, calls 950	(pe
2102 KDDB 92.5 Q Paso Robles, k, tent.	1959
2103 KUNA 96.1 % San Luis Obispo, tent., b	"St
2105 KDOL 97.7 A Mojave, ads, "FM-98" 855	2000
2109 KXFM 99.135 Santa Maria, promo 990	
2131 KPEN 97.7 1 \ Los Altos 1090	7/8
2132 KSCO 99.1 Ft Santa Cruz, tent., b	0908
2133 KYUU 99.7 AGA San Francisco, calls 1116	0913
2134 KBAY 100.3 F \ San Jose 1080	0921
2135 KRAY 103.9 G Salinas, SS L 1062	0925
2140 KWAV 96.9 (A Monterey, calls, ads1070	0926
2142 KOCN 104.9 35 Pacific Grove, ads	bur
2149 KAZU 90.3 % \ Pacific Grove, tent	tr
2151 KUBO 90.9 i t Chualar, tent	0928
2156 KUSP 88.9 ) \ Santa Cruz, tent	98-
2200 KLFA 92.1 3 King City, SS ID & 1035	Es
EE ID/SS L 3	0937
2204 KHIS 96.5   Bakersfield, g 910	C11
7/6 Bs 1	0938
1806 XHZN 92.1 F C Zamora, calls, "Radio	0943
Fabulita, "Radis Zamora" 876	roc
1809 X ? 104.1 J. No Leon, "Radioglobo, the	0948
ex connection", 'FM Globo", ads 870	0950
1823 XHUZ 105.3 ' call + "105-FM" @1831 +	cal
"Mas Morena" (m_ re modern)	0951
1824 XHAGC 107.9 L Aguascalientes, ID @	0953
1825 "sono imag \"	pro
1835 XHLG 98.3 Chon, XHLG= "el ehey efee	0955
emee"(phonetic) s "IG-FM" (got SS inter.)	0956
1838 XHPQ 97.5 ton, "Stereo Nova" 810	0958
1847 X?AM 91.1 [] on 1900ID as "91.1 Leon &	1007
101.7 Guanajuatu also "Radio-TV Guanajuato"	Hube
(I've rovd. Guan, justo on 101.5 (XHBNO on	1010
6-29) I have KL, 101.7 local 7 freq. was	1025
definately 101.	1033
1847 XHGEO 91.5; tuadalajara, tent. ment.	1034
Leon, restuaran; lad, SS L	1035
1850 XHNH 93.5 10 Irapuato, disco. 840	1037
calls @1903	1038

1852 XHNY? 95.1 W 'O Irapuato. SS, rock,

Eng. mx (FM Atl: 1 list 95.1 as XHNH) (call

:/\_ ŋ,

SOUTHERN FM DX

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9 XHOY 90.7 Guadalajara, tent, disco,
    cogressa" SS
    3 XHPI 93.1 Guadalajara, tent. SS L
    er R. F. S. list 1981)
    9 XHRA 89.9 Guadalajara, SS, r, calls +
    ereo Soul"
    0 XHCO 92.3 Guadalahara, SS. L
    3-13 unIDs 88.3-90.7
    3 WBKY 91.3 KY Lexington, calls
                                         1103
     WHNN 96.1 MI Bay City, calls
                                         1247
    WXCC 96.5 WV Williamson, ads, calls, 98FM
    WTON? 98.3 VA Lynchburg, ad ment Lynch-
    rg, wx-WGOL?, new calls?
    KMML 98.7.TX Amarillo. "Country Fever
    WQLA 104.9 TN La Follette, ad ment.
    Inton
     WTQR 104.1 NC Winston-Salem, calls 1328
    3 unID 104.5 N. east, r, "rock 105" "The
     WCRJ 107.3 FL Jacksonville, calls 1300
     WKMX 106.7 AL Enterprise, promos, ads,
     WKZL 107.5 NC Winston-Salem. "107-KZL"
     WIVY 102.9 FL Jacksonville, ch 30 TV
    5 WIMZ 103.5 TN Knoxville, "104IMZ"
                                         1125
     WFMX 105.7 NC Statesville, ads
                                         1281
     WAZU 102.9 OH Springfield, calls
    unID 103.9 N. East/East, ads ment.
    ert Heights Spring Valley, The New Magic
    WGLF 104.1 FL Tallahassee, "Gulf 104"
     WSMC 90.5 TN Collegedale, promos 1045
     WXBM 102.7 FL Milton, ads, "X-102"
     WGNE 98.5 FL Panama City, calls @1036
     WKNU 106.3 AL Brewton, calls
     WBGM 98.9 FL Tallahassee, wx, FM99 1233
1038 WPAP 92.5 FL Panama City, ads
                                         1071
1039 WPFM 107.9 FL Panama City, "FM-108"
1052 WBAM 98.9 AL Montgomery, nx
cont....
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SOUTHERN FM DX	Pizzi,
<u>7/8</u> Es	
1055 KLPI 89.1 LA Ruston, calls	615
1055 KLFI 89.1 LA Ruston, calls 1100 WTSU 89.9 AL Troy, calls	1022
1100 WKWO 92.1 SC Batesville, calls 1105 WKOS 96.3 TN Murfreesboro, "96-K 1110 KASU 91.9 AR Jonesboro, nx	1242
1105 WKOS 96.3 TN Murfreesboro, "96-K	OS"
1110 KASU 91.9 AR Jonesboro, nx	747
1114 <u>RAIG</u> 09.9 AR Cave City, calls	712
	••
farm report	
1123 WLTR 91.3 SC Columbia, Giving ca for net "Rock Hill 88.9 & WL", f/ou	lls
2011 WYTF 89.1 VA Roanoke nx, wx,	
"FM-89"	1341
2/10 +	
0948 KXLS 99.7 OK Alva, ads. calls	370
0956 KMBR 99.7 MO Kansas City. ID @10	30.
EL not b, heard Gordon Lightfoot mx	~'
0948 KXLS 99.7 OK Alva, ads, calls 0956 KMER 99.7 MO Kansas City, ID @107 EL not b, heard Gordon Lightfoot mx 1032 KYTS 102.1 "", "KY-107 1103 KFRS 103.3 ", s 1119 KEEQ 104.3 "", calls @4 "0-104"	2".ads
1103 <u>KPRS</u> 103.3	· 1
1119 KBEQ 104.3 " ", calls 6	91121
+ "Q-104"	
2/44 -	l
7/11 Es 1700 unID 91.5 east "Keep in touch wit	1
on 02 7 OF 7 to 1 F	եհա։
on 92.7, 95.7, & 91.5". 1725 unID 89.3 east, g	
2 Es	
1726 Radio Jamaica-1 90.5, Spur Tree, J	Ta_
maica, reggae mx, lots of ads. In for	over
20 mins. man DJ heavy accent.	1930
(1 kw ONDAS)	
1727 JBC-2 91.1 Cooper's Hill, Jamaica, woman DJ w/British accent, stronger &	, k,
woman DJ w/British accent, stronger &	better
audio than 90.5. (2 kw ONDAS) 1734 JBC 92.1 Montego Bay, tent. SS	1940
Cuban? (no literature for Cub	
Cuban? (no listing for Cuba) soap oper	·a,
Cuban? (no listing for Cuba) scap oper maybe Colombia? Es	[
Cuban? (no listing for Cuba) scap oper maybe Colombia? Es	[
Cuban? (no listing for Cuba) scap oper maybe Colombia? Es	[
Cuban? (no listing for Cuba) soap oper maybe Colombia?  ES  1734 WUSF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton	1305 t.
Cuban? (no listing for Cuba) soap oper maybe Colombia?  ES  1734 WUSF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton	1305 t. 1015
maybe Colombia?  Es  1734 WUSF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WBRH 90.3 LA Baton Rouge, calls	1305 t.
maybe Colombia?  ES 1734 WUSF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WRBH 88.3 LA New Orleans, ny	1305 t. 1015 790 743
Cuban? (no listing for Cuba) soap oper maybe Colombia?  ES  1734 WUSF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WREH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment.	1305 t. 1015 790 743 819
Cuban? (no listing for Cuba) soap oper maybe Colombia?  Es  1734 WISF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WREH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment. Ocean springs + "Y-105"	1305 t. 1015 790 743 819 898
Cuban? (no listing for Cuba) soap oper maybe Colombia?  Es  1734 WISF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WREH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment. Ocean springs + "Y-105"	1305 t. 1015 790 743 819 898 1346
Cuban? (no listing for Cuba) soap oper maybe Colombia?  ES  1734 WUSF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WRBH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment. Ocean springs + "Y-105" 1824 WELE 105.9 FL De Land, calls 1826 WKNU 106.3 AL Brewton, calls KNU	1305 t. 1015 790 743 819 898 1346 975
maybe Colombia?  Es 1734 MUSF 89.7 FL Tampa, calls 1738 MMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WRBH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment. Ocean springs + "Y-105" 1824 WELE 105.9 FL De Land, calls 1826 WKNU 106.3 AL Brewton, calls,KNU 1829 WWBA 107.3 FL St. Petersburg, ID	1305 t. 1015 790 743 819 898 1346 975 1300
Cuban? (no listing for Cuba) soap oper maybe Colombia?  ES 1734 WISF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WREH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment. Ocean springs + "Y-105" 1824 WELE 105.9 FL De Land, calls 1826 WKNU 106.3 AL Brewton, calls,KNU 1829 WWBA 107.3 FL St. Petersburg, ID 1832 WYFO 107.7 FL Mount Dora, ID	1305 t. 1015 790 743 819 898 1346 975 1300 1359
Cuban? (no listing for Cuba) soap oper maybe Colombia?  ES 1734 WISF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WREH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment. Ocean springs + "Y-105" 1824 WELE 105.9 FL De Land, calls 1826 WKNU 106.3 AL Brewton, calls,KNU 1829 WWBA 107.3 FL St. Petersburg, ID 1832 WYFO 107.7 FL Mount Dora, ID	1305 t. 1015 790 743 819 898 1346 975 1300 1359
Cuban? (no listing for Cuba) soap oper maybe Colombia?  ES 1734 WISF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WREH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment. Ocean springs + "Y-105" 1824 WELE 105.9 FL De Land, calls 1826 WKNU 106.3 AL Brewton, calls,KNU 1829 WWBA 107.3 FL St. Petersburg, ID 1832 WYFO 107.7 FL Mount Dora, ID	1305 t. 1015 790 743 819 898 1346 975 1300 1359
Cuban? (no listing for Cuba) soap oper maybe Colombia?  ES 1734 WISF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WREH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment. Ocean springs + "Y-105" 1824 WELE 105.9 FL De Land, calls 1826 WKNU 106.3 AL Brewton, calls,KNU 1829 WWBA 107.3 FL St. Petersburg, ID 1832 WYFO 107.7 FL Mount Dora, ID	1305 t. 1015 790 743 819 898 1346 975 1300 1359
Cuban? (no listing for Cuba) soap oper maybe Colombia?  ES 1734 WISF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WREH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment. Ocean springs + "Y-105" 1824 WELE 105.9 FL De Land, calls 1826 WKNU 106.3 AL Brewton, calls,KNU 1829 WWBA 107.3 FL St. Petersburg, ID 1832 WYFO 107.7 FL Mount Dora, ID	1305 t. 1015 790 743 819 898 1346 975 1300 1359
Cuban? (no listing for Cuba) soap oper maybe Colombia?  ES 1734 WISF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WREH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment. Ocean springs + "Y-105" 1824 WELE 105.9 FL De Land, calls 1826 WKNU 106.3 AL Brewton, calls,KNU 1829 WWBA 107.3 FL St. Petersburg, ID 1832 WYFO 107.7 FL Mount Dora, ID	1305 t. 1015 790 743 819 898 1346 975 1300 1359
Cuban? (no listing for Cuba) soap oper maybe Colombia?  ES 1734 WISF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WREH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment. Ocean springs + "Y-105" 1824 WELE 105.9 FL De Land, calls 1826 WKNU 106.3 AL Brewton, calls,KNU 1829 WWBA 107.3 FL St. Petersburg, ID 1832 WYFO 107.7 FL Mount Dora, ID	1305 t. 1015 790 743 819 898 1346 975 1300 1359
maybe Colombia?  ES  1734 WUSF 89.7 FL Tampa, calls 1738 WMMK 92.1 FL Destin, K-92, ad men Ft. Walton 1753 WCKW 92.3 LA Laplace, ads 1756 WERH 90.3 LA Baton Rouge, calls 1800 WHEH 88.3 LA New Orleans, nx 1823 WKKY 104.9 MS Moss Point, ad ment. Ceean springs + "Y-105" 1824 WELE 105.9 FL De Land, calls 1826 WKNU 106.3 AL Brewton, calls, KNU 1829 WWBA 107.3 FL St. Petersburg, ID 1832 WJYO 107.7 FL Mount Dora, ID 1833 WBJW 105.1 FL Crlando, "BJ-105" 1834 WHEQ 104.7 FL Tampa, ads, "Q-105" 1836 WHLY 106.7 FL Leesburg, r, "Y-106" 1837 WIQI 100.7 FL Tampa, calls, W-101 1841 WHMO 99.1 MS Passcagoula, promo, ca 1845 WJAD 97.3 FL Panama City, ads 1848 WQXM 97.9 FL Clearwater, 98-rock	1305 t. 1015 790 743 819 898 1346 975 1300 1359 1305 1319 1305 11319 1305 11319 1305 11292
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5	1036 WT7D 08 7 FT D4 D4	
5	1037 WDCV 02 f W Wanter Verse 3 Days	1449
2	1997 WFCV 97.5 FL Winter Haven, ads, PCV	1350
~	1942 WALD 101.5 FL St. Petersburg, calls	1300
_	1949 WRKT 104.1 FL Cocoa Beach, calls	1409
7 2	1954 WSHE 103.5 FL Ft. Lauderkale, calls	1500
2	1955 WSWN 93.5 FL Belle Glade, s, ad men	ıt.
	Clewiston	1458
	1956 WEAT 104.5 FL W. Palm Beach, ID	1485
	2000 WHOO 96.5 FL Orlando, "who-FM" 2029 WUCF 89.9 FL Orlando, local concert	1359
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	2031 WMCU 89.7 FL Miami. ID	1508
	2032 WJRQ 92.1 FL Williston, ads ment.	1258
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	1154 WBTR 92.1 GA Carrollton, ment. Doug	3 00
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1	1201 WRITE OF 1 C4 Winesettle TD Divisor	1217
	1650 WBCII 88 1 OH Bowling Concer TD	1203
	1200 VAUE 02 5 OU m-1-1-2 TO	1213
	1700 WHILE 92.5 OH TOLEGO, 111	1215
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•	1156 WVCH 93.5 GA Hazelhurst, ads, call 1201 WELU 92.1 GA Hinesville, ID, Blue92 1659 WECU 88.1 CH Bowling Green, ID 1700 WMHE 92.5 CH Toledo, ID 1704 WFRO 99.1 CH Fremont, wx, ID 2125 KGCN 92.3 CR Portland, calls 2127 unIDs 93.3 EL. 95.3 b.n. west	1319
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	7/14 tr	
	2127 unIDs 93.3 EL, 95.3 b,n. west 7/14 tr 9903 KRUN 103.1 TX Ballinger, k, "K-103"	222
•	T710 WFBC 93.7 SC Greenville, calls	
2	1710 WFBC 93.7 SC Greenville, calls	1206
	+(+7 MF1N Y4+) IL KEY WEST, WX, Calls.r	1463
	1754 WIZD 98.7 FL Ft. Pierce	1449
er	1800 WELV 90.3 MI Twin Lake. ID	1148
)	1827 WNWN 98.5 MI Coldwater, calls	1167
- 1	1800 WELY 90.3 MI Twin Lake, ID 1827 WNWN 98.5 MI Coldwater, calls 1828 CIBC-4 99.3 CN London, FF 1831 CFLY 98.3 GN Kingston, ID 1833 MSQJ 98.3 GA Jessup, calls, g 1839 WFIQ 101.5 GA Brunswick, calls, ads 1	1364
	1831 CFLY 98.3 ON Kingston, TD	1602
	1833 WSOJ 98.3 GA Jessup calls #	1266
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	2050 WESC 92.5 SC Greenville ww "BSC" 1	206
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ı	2123 WDOD 96.5 TN Chattanooga, wx, calls	
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- 1	1450 KYYZ 96.1 ND Williston, wx, ID 1	.026
-1	1452 CBKF 97.7 SK Regina, FF 1	188
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ł	1456 WDIZ 100.3 FL Orlando, calls 1	359
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- [	1458 unID 98.9 rock	
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ı	1007 WWDA 10(.) FL St. Petersburg. ads 1	300
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SOUTHERN FM DX

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1552	CBBC	91.7	AT Lethbridge,		1215	tori	iado v	ratch			
			e" @1600		-	1400				Toledo, live from Fin	
1604			AT Edmonton, t	ent CBC						Bucyrus, ID	1238
			T Great Falls		lock-95"					Ft. Francis, FF, calls?	
	CJAY		AT Calgary, CJ							N Thunder Bay, ID	1260
1654	CKUA		AT Calgary, c,							Kewaunee, ads, 40's t	
1833	unID	92.1				mx,	Maggi	le's Ic	e C	ream Parlor in Algoma	
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1934	WIVK	107.7	TN Knaxville,	calls	1125					Santa Rosa, SS, L	1143
1938	AAKX	104.5	TN Gallatin, a	ds, "kiz	k-104"		WRVQ			Richmond, promo, "Q-9	
1941	WUBE	105.1	OH Cincinnati,	ads, "UE	3E**		WTVR		VA	Richmond, k, wx @2019	
1943			TN McKenzie, g	pgm., I						Richmond, r	1472
			M Nashville		968	2003	WEGO.D	105.7	V A	Richmond, r	1328
1954	WEBN	102.7	OH Cincinnati,	calls	1125					Winston-Salem, calls	1)20
2002	MBCL	90.3	IN Fort Wayne,	ment.Al		2024	WZIU	105.5	MC	Newport, tent., k	1400
Co.,	, time	in OH	& MI		1130	2020	MING	102.5	TAC.	Durham, "G-105"	
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2121	KPIRE	95.3	TX Dumas, nx,	wx,"\$-95	7 212			104.)	NC	Tarboro, calls, "KT	1472
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		97.5	FTO Leon, "\$-N	ova"	810					Danville, ID	1373 1463
<u>7/22</u>										Roanoke Rapids, ads.	
0901	KNCT	91.3	TX Killeen, wx	, ID	353		WCPI			Wheeling, calls	1328
Es					12.25					st calls	1373
			SC Columbia, I		1287					Pittsburg, calls	1310
	WABE		GA Atlanta, ID		1098	2102	MUNIT	107.9	OIL	Cleveland, calls	1328
1734	WDJC.		AL Birmingham,		959	210)	MANY	105.1	OIL	Salem, ID Mansfield, calls	1247
	WXIK		NC Shelby, ads		1247	2102	WULL I	105.5	Uni	Clearente carre	1387
	WBKR	92.5	KY Owensboro,	ads		@21		100.5		Clarksburg, calls	1)07
	MMCA	96.7	CY Paris, ID		1121			10/1.0	2.	? "K-H-T-105"	
	WSTO	96.1	KY Owensboro,"	96-STO"	968					Kitchener, sports, ca	118
	WYLK	92.9	KI Lexington,	ans, K-Y	5 1103			"FM-10		Artenener, sports, c	
	WSIX		N Nashville,		968					Pittsburg, ads, promo	ne +
	MKQQ		KY Lexington,		1103		-106"	10).,	**	110000urg, cam, prom	1373
	MDVA	89.9	NC Davidson, c	alls	1283	2123	WT.T.2	QR 7	MTP	Detroit calls r	1260
架		400 0		•	000	2128	VVE2	106.7	KY	Louisville, calls	1049
1809	KIYC	100.9	IX Quanah, k,	aas,	222	2131	VD.TO	92.5	OH	Detroit, calls, r Louisville, calls Alliance, promos,	1319
	cks 10	)U"					92-FM		٠	marraneo, promor,	-/-/
Es	***				1004				OH	Hamilton, ads, "96-Rock	c" 1130
ככמו	MIMI	93.5	WI Merrill	<b>T</b> D	1094					Springfield, ads,AZU	
			W Charleston,		1256	2151	unTD	102.7	n.	east "The Hot One"	,-
	ATTI		IL Joliet, wx.		1013					Cincinnati, ads	1125
	WLAY	90.9	MI Grand Rapid	s, aos	1170		WBZI			Xenia, calls	1167
<del>7/23</del>	ES CO	20 90	2 ON Manual and T	1717	1260					Bellaire, "WOMP-FM"	1320
1079	CBUN-	-20 09.	3 ON Thunder B	ay, rr	1260					Tillsonburg, tent.,	
	KSJN	90.5	north/MN?, g		968					out in promo	
	CITI	92.11	MN St. Paul, w	A, IIX						Grand Rapids, nx	1170
			MB Winnipeg,92							Chicago, ID	1040
			MB Winnipeg, w	x, 9/rm						Dearborn, ID	1255
	CBW		MB Winnipeg ND Belcourt, p	momes.	1193 1095					east "The Rock of Ag	
		00.5	un percontr, t	romos,	1095	2206	WNCO	101.3	CH	Ashland, s/off	1265
	e-ya" WM	02 5	n. east, rock							Wooster, s/off	1283
		96.7	n. east, rock ON Kitchener,p	romes TT	n 1lino		WXGT			Columbus, ads ment.	1215
1217	TOTO	08 t	MI Coldwater,	romos, li			thing				
cal		7U+J	OOTUWELEL'S	, co	1167				IN	Columbus, promos	1058
	WDZZ	92 7	MI Flint, call	•	1260		WKWK			Whee ling, "97-WK"	1328
122/	CION	88.7	ON Windsor, "c	 hm radi			WKCQ	98.1	MT	Saginaw, "KCQ"	1237
		etroit"	HALLOUL , C	rauli	1261		WWSW				
	unID		m¥		01		WUSN	99.5	IL	Pittsburg, 3WS, wx Chicago, ads. ment A	urora
						1 2220	WHNN	96.1	MT	Boy City "UTN-06"	1247
*//	WTAA	HH 4	MT Interlector	լ. Ե. քիլոժ	1224	~~~				Day City, Min-30	
			MI Interlocher	,c,fund	1224					Bay City, "WIN-96" Midland, wx	1240
rai		promo	MI Interlocher OH Alliance, l		1224	2232	WUGN	99.7	MI	Midland, wx Muskegon, ads, k	

1440 cont....

7/24 Es 2247 WUCM 91.7 MI Ann Arbor, promo 2256 WKSU 89.7 OH Kent, ID 2259 WP?? 89.3 n. east s/off	1319	0904 XHNP	89.7 DF Mexico City, c 960 89.3 PUE Puebla, tent, SS, L 92.5 Toluca MEX, "el eya ya" = sl phonetic 960
2308 WCGL 98.5 CM Cleveland, ads, profor WIZ-25  ms 2310 WACF 98.5 IL Faris,"RIS, IL		0909 XHSH	95.3 DF Mexico City, "Radio Amistad" 97.3 TAB Villahermosa, ID, SS, L 1210

Well, another hectic report with lots of intense Es. 7-6 brought Mexico with unlisted stations on 105.3 & 91.1. XHNH 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, XHYV 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	7/12 Es
1915 HJGY? 88.7? Magangue, Colombia?, tent.	1050 WNGS 92.1 FL W. Palm Beach, ads,
all SS, Roughly translated: female vocal	"Wings 92-FM"
with mx sounding South American, not Mex.	1100 WWOJ 106.3 FL Avon Park, "Of Radio"
then ment. of houses being built in "La	1101 WHRS 90.7 FL W. Palm Beach, ID
Lameta?? Victoria"(could be "Alameta Vic-	1102 WOKD 98.3 FL Arkadia, ads
toria", a city? or subdivision name?) then	1119 WCKO 102.7 FL Pompano Beach, verified
ad for store where you get all your supplies,	1128 WGYL 93.5 FL Vero Beach, nx
then ad for disco named "Minerva" of Cartagena	
which is a north coastal city in Colombia!	1138 WOLM 92.7 FL Punta Gorda, ID 1090
No 88.7 listed in ONDAS for Cartagena, so	1150 WAMR 92.1 FL Venice, ID, AP nx
very being attempted for above station,	WQCS 88.3 FL Ft. Pierce 1160
which is. approx. 2400 mi.	1202 WNJY 94.3 FL Riviera Beach, ID
Es	1210 WHEW 101.9 FL Ft. Myers, ID 1130
1930 RBFM 91.1 Nierega, (sp?)Belize, r\$,EE	1214 WRGI 93.5 FL Naples, promo, G-93
ID: "This is Radio Belize FM-91 xmitting on	1229 WRMF 97.9 FL Palm Beach
freq. of 90.9 from Ladyville, 91.1 from Nie-	1235 WPCV 97.5 FL Winter Haven, , 97 PCV
rega(sp), 94.7 from Independence and 88.3	1252 WFIT 89.5 FL Melbourne, ID, r
from Punta Gorda. Here's Chicago and	(My tunable FM trap made WFIT possible)
'Alive Again'. You are listening to the	1259 WXCV 95.3 FL Homosassa Springs, ID, \$
program 'Music Break' here on RBFM-91".	1321 WCVV 95.5 FL Ft. Pierce, ID
Belize is located on the lower Yucatan next	1334 WMNF 88.5 FL Tampa, ID, \$ 1040
to Mexico and Guatemala. approx. 1400 mi.	1338 WIRK 107.9 FL W. Palm Beach, ad 1200
2Es? weak	1340 WQYK 99.5 FL St. Petersburg, ad, wx, K-99
1930 unID 88.5 or 7 SS "5.7 trans-	1839 WLFJ 89.3 SC Greenville, ID 840
mitting the most beautifully selected mx."	
(Drats, must have missed most of the ID.)	7/14 Es
Es	1840 WAUP 88.1 OH Akron, ID 915
1954 WKPX 88.5 FL Sunrise, ID, r	1841 WAER 88.3 NY Syracuse 1200
1959 WRMB 89.3 FL Boynton Beach, ID	1900 WEMU 89.1 MI Ypsilanti, ID
2025 WCVU 94.5 FL Naples-Ft. Myers, ID	1903 WSDP 88.1 MI Plymouth, ID, 200 w.
2031 WMCU 89.7 FL Miami	1907 WLEW 92.1 MI Bad Axe, nx, ID 920
2044 WINZ 94.9 FL Miami, I-95 1230	1908 WKQS 99.9 FL Bocan Raton, wx, kiss 1230
2100 WAFG 90.3 FL Ft. Lauderdale, ID 1220	1918 WICG 106.3 MI Saginaw 860
7/12 Es(intense)	1927 CKUE 101.1 ON Smith Falls 1255
1000 WPIO 89.1 FL Titusville, ID	<u>7/18</u> Es
1000 WUCF 89.9 FL Crlando, ID	1547 KQUY 95.5 MT Butte, ads, Y-95 1060
1006 WBJW 105.1 FL Orlando, BJ-105, r 1070	1550 KAIS 97.1 MT Kalispell, b, ads
1012 WFAM 91.1 FL Jacksonville, ID	1553 KQRR 92.3 MT Ronan, ad "KQ-92"
1015 WCIE 91.1 FL Lakeland, ID, g	1557 KUFM 89.1 MT Missoula 1150
1020 WLOQ 103.1 FL Winter Park	1603 KHQ 98.1 WA Spokane, ID 1310
1030 WLRN 91.3 FL Miami, ID 1230	1607 KCDQ 96.7 MT Belgrade, ID
tr	1609 KLYQ 95.9 MT Hamilton, ID
1031 KKBI 106.3 OK Broken Bow, \$K, wx 200	1610 KYSS 94.9 MT Missoula, ad, k 1150
1035 KITX 95.3 OK Hugo, \$k 175	1613 KDRK 93.7 WA Spokane, ID
Es cont.	1616 KXLY 94.9 WA Spokane, ad, ID
1048 WVSI 96.7 FL Jupiter, ID	cont 21

1065

1701 KBSU 91.3 ID Boise, ID 1130 1711 KIZN 93.1 ID New Flymouth, ID, k 1715 KFXD 94.9 ID Nampa, ad 1155 7/23 Es 1130 WMRT 88.3 OH Marletta

1236 WXLK 92.3 VA Roanoke 7/27 tr 0900 KRUS 88.7 LA Lafayette, ID.NPR 505 0951 WMDM 97.7 MD Lexington Park 0959 WQMC 95.3 VA Charlottesville, ID 1040

1048 WAFL 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

1106 WMNX 95.9 FL Tallahassee 1309 WDAV 89.9 NC Davidson 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 unID, it would be appreciated. 73.

1310 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 1700 WTLC 88.3 FL Starke, ID 970 1735 WAIA 97.3 FL Miami, ad 1230 7/31 Es 820 1726 WSNY 94.7 OH Columbus, "Sunny 95", k 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, in mono, weak, out by 1950 1953 WKPX 88.5 FL Sunrise, ID 1954 WHRS 90.7 FL W. Palm Beach. ID 1200 8/7 Es 1058 WWLV 94.5 FL Daytona Beach, ID, b 1102 WJGA 92.1 GA Jackson, "tradio" 775-3151

1310 WEOR 96.9 NC Goldsboro, ad

1109 WAJX 98.3 FL Titusville 1116 WCKS 101.1 FL Cocoa Beach, "CK-101"

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.

### (continued from page 25)

Western TV DX

September 1983

Fred McCormack (continued)

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)

5 tr 0151 K55BH 55 MN 160 (Baudette KTHI-11) 0650 KYNE 26 NE 390 0653 K66BI 66 MN 140 (Aitkin WDIO-10)

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

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

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 xltrs on August 5.

I hope something more dramatic is forthcoming!

WXON:TV20 DETROIT

30100 Telegraph Road Birmingham, Michigan 48010



TOLEDO, OHIO 43615

WBMG♥T\

P. O. BOX 6146 BIRMINGHAM, ALABAMA 35209

# NORTHERN FM-DX

Saul Chemos 79 Ridge Drive TORONTO ONTARIO MAT IB6

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 Typemaster manual. The Jornalism dep't 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/IR ADP - FPO Seattle WA 98770 - (Okinawa Japan) 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-SAIP. (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
Cheongju KOREA 89.9 I	Gayeob KOREA 90.9 I
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.
1130 <b>-</b> 1 <b>23</b> 0	Peking CHINA 94.4
HLKV Seoul KOREA 91.9	<u>1800-1900</u>
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	
Chuncheon " 106.5 III	
Hwangji " 107.1 III	Shandong CHINA

JUNE 19 1100-1200 Peking CHINA 102,2

-James J. Stiles.

<del>rundrumenararakan erekerkerekerekereker</del> COMMON ABBREVIATIONS IN NORTHERN FM: \* on tape I also use Bruce Elving's FM ATLAS t tentative abbreviations. \$ stereo stn station QTH location BB Baseball nx news FB Football wx weather ex- formerly ax sports freq frequency

o oldies(format) mx music NEW NEW MODE

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

MAY 27 Es 1015 KMOE 92.1 MO Butler 1025 KWTO 98.7 MO Springfield 1038 unID 96.7 "Country 96 nx" & ad: SSS Stores 1048 WBBA 97.7 IL Pittsfield 1049 KBRA 97.9 KS Wichita "KB-98" 1052 WIBW 97.3 KS Topeka "97-FM" 1056 KFKF 94.1 KS Kansas City 1059 KMER 99.7 MO Kansas City 1103 KNZU 101.1 MO Carrollton 1110 KMEN 96.7 MO Memphis 1115 MGO 98.7 IA Centerville k 1122 WXLP 96.9 IL Moline 1135 KKRQ 100.7 IA Town City r

Equipment: Panasonic RF-2900.

1138 KRNQ 102.5 IA Des Moines r "Q-102" 1142 KJAN 103.7 IA Atlantic "Radio Atlantic" 1149 KOXI 101.1 NE Columbus b 1155 KKEZ 94.5 IA Fort Dodge JUNE 4 Es 1041 WKBJ 92.3 TN Milan 1044 WKBL 93.5 TN Covington k 1057 WHIC 94.3 KY Hardingsburg KY net 1101 WFPK 91.9 KY Louisville e 1109 WRUL 97.3 IL Carmi k As of JUNE 26 no 1113 WSLM 98.9 IN Salem other DX has been 1123 KTJJ 98.5 MO Farmington noted here. A verv

1133 WEIC 92.1 IL Charleston slow month of June. 1149 WRMS 94.3 IL Beardstown Even TV-Es has been poor and not seen on very many days. 73's, Al.

Northern FN DX (3)

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PRED McCORMACK - 135 Prairiewood Drive - FARGO ND 58103/also DES IACS ND 58733
Fargo: Heathkit AJ-1600, Winegard CH-7078. Des Lacs: Heathkit AR-15. Winegard CH-6065.
DX at Fargo:
MARCH:
                                                   1917 WBYU 95.7 LA New Orleans
                                                                                               1225
12 Tr
0851 KBHW 99.5 MN International Falls g 195
                                                   1919 KIPR 95.5 TX Diboll k
                                                                                               1090
                                                   1942 WMIX 94.1 IL Mt Vernon k
                                                                                                715
0855 KCRB 88.5 MN Bemidii c
                                                   1946 WZYP 104.3 AL Athens "zip"
                                                                                                975
0915 KVSC 88.1 MN St. Cloud r
                                                   1948 WENN 107.7 AL Birmingham r
                                                                                               1060
13 Tr
1222 KMCM 105.5 MN Montevideo
                                                  1951 WAXX 106.9 AL Birmigham r "kix-106"1060
1955 WACT 105.5 AL Tuscaloosa "T-105" 1060
1959 WHST 104.5 MS Hattiesburg 1145
10 Tr
                                                   2335 KFMS 101.9 NV Las Vegas el
                                                                                               1195
1002 KZZA 107.1 MN Glenwood
                                                   2359 KUNV 91.5 NV Las Vegas r
                                                                                               1195
                                                   0012 KZIQ 92.7 CA Ridgecrest el
                                                                                               1325
2059 WHOM 94.9 NH Mt Washington
                                            1240
2115 CITF 107.5 PQ Quebec FF el
2118 CIMF 93.3 PQ Quebec FF r
                                            1200
                                                   1958 KNPR 89.5 NV Las Vegas
                                                                                               1195
                                            1200
                                                   JULY:
JUNE:
                                                   1336 CB.. 89.1 ON Fort Frances FF
                                                                                                195
0946
      WDAV 89.9 NC Davidson e
                                            1140
                                                   1404 CB. 90.5 ON Fort Frances KE
                                                                                                195
1042 WVNA 100.3 AL Tuscumbia
                                             960
                                                   2 Tr
0907
25 Es 2023 WAIL 105.3 LA Slidell
                                                        KZMC 105.3 NE McCook r
                                                                                                 500
                                                   0943 KQLS 100.3 KS Colby
                                                                                                560
At Des Lacs: All APRIL:
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#### HARRY J. HAYES - 9 Henry Street - WILKES BARRE PA 18702

2049 KXNP 103.5 NE North Platte k "KX-104"

0840 KIDX 98.5 MT Billings

0852 KXXE 101.3 MT Forsyth

dated June 21, 1983.

1840 KKSD 101.5 SD Gregory k

1853 KSYZ 107.7 NE Grand Island r

1900 KROA 95.7 NE Grand Island UPI

1910 KRGI 96.5 NE Grand Island "Country-96"

360

530

530

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). I'm sure it is turning out to be the same for others in this part of the country. The month of June is almost past and there has been very little Es. I use a Zenith Trans-Oceanic radio with a Radio Shack indoor antenna at 9 Henry St. When I visit my parents at Thornhurst PA I use a GE Superadio hooked up to an FM-4G antenna and CM VHF amp.

370

Wilkes Barre: May 26 Es 1828 WFUZ 93.7 Ocala FL now k from b & really fine signal w/IDs. 1840 WAIV 96.9 Jacksonville FL w/ an ad for WTLV channel 12 (TV) and ID. 1852 WKSJ 94.9 Mobile AL which shows up at least once a summer. June 8 Es 2054 KKAJ 95.7 Ardmore OK, in and out, weakly, w/IDs during an opening that couldn't seem to get going, and there have certainly been a lot of these this season

Thornhursti (10 miles East of W.B.). June 3 Es to OK - 1842 KEBC 94.7 OKC, 1846 KWEN 95.5 Tulss, 1900 WUWF 88.1 Pensacola FL, 1915 KRAV 96.5 Tulss w/ many IDs coming through semi-local WPEL for a new one. 1920 KATI IOO.5 OKC "Rock-100-The Cat". 1923 KCVE 99.3 Grove OK w/AM calls given for another new one. June 5 Es: KROK 94.5 Lafayette LA. June 8 has just about been the end of any DX for the month as of June 21. UNBELLEVABLE! Also, I haven't experienced any productive trops for this year. The only place DX is happening this summer is on the MW (AM) band, Try it! 73.

#### BRUCE F. ELVING - 4515 Avenue "E" - KEARNEY NE 68847

Following a 3 month period with no Es (March-June), late June has been a period of so much skip it became boringi(Ed; Just goes to show you can't please anybody, hii). NEW catches are listed only: June 15 Es WRBH 88.3 educ. "stereo" reading to the blind (Ed: W. R.eading to the B.lind and H.andicapped) in New Orleans IA; WCKW 92.3 IaPlace IA; 88.7 KRVS educ in Lafayette IA w/ EE & FF IDs. All between 1458-1600 CDT. SUPERTROPO JUNE 19 and 21: KRDO-FM 95.1 b Colorado Springs; KAZY 106.7 Denver CO; KILO 93.9 CO Springs; a new Panasonic talking clock radio (IT TALKS??!!-ed) getting perfectly clear KCFR 90.1 educ. Denver on it's line-cord antenna (525 Kilometers). My first Casper W reception June 21 gave me both KTRS 95.5 and KAWY 94.5, as well as KCMI 103.9 Terrytown NE w/ \$g and a nx SCA; KMOR in adjoining Scottsbluff NE 92.9; KKAZ 100.7 Cheyenne WY; KBUL 107.1 \$k "K-Bull" (cable)non-ID; KLOV 102.3 Loveland CO; KBEU 101.7 Fort Morgan CO.

SKIF ruch of the time (all day or most of the evening) June 22 23 25 26 27 and 28: WINF 94.9 Tampa FL; WCVU "Seaview" 94.5 Maples; WILG 88.5 educ Starke; WSGF 95.5 Savannah GA;

WLFJ 89.3 educ Greenville SC; KALW 91.7 educ San Francisco CA. KMYT 97.5 Merced (pronoun-

96.3 Mariposa CA; KZAP 98.5 Sacramento: KKIQ 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; KXPR 88.9 educ Sacramento not yet having changed freqs. Then during an outage of nearby KRVN-FM 93.1 Lexington NE, I heard KRCS 93.1 Sturgis SD (Tr)w/ k \$ UPI audio news. Also received via Tropo the new KGFX 92.7 Pierre SD w/r\$ & KBRB 92.7 Ainsworth NE, predominantly mk and \$. Ainsworth s-offed at Midnight, permitting Pierre to peer through. 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 WCNE 98.5 Panama City FI; 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; WPID 89.1 educ Titusville FL. On June 26 Es KSBJ 88.1 Humble TX educ: KLCC educ 89.7 Eugene OR (all now OR): KTMT 93.7 Medford w/r on main channel & SCA mx; KIJK Prineville b:on 95:3; KXBQ 96.1 Ontario; KWBJ 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 had the ID of his local station over the phone. Then KDFC 102.1 San Francisco at 2301. E-SKIP JUNE 28: WUWF 88.1 educ Pensacola FL; KQXY 94.1 Beaumont TX; WXLE 94.3 Abbeville AL KDEA 99.1 New Iberia IA w/ non-Muzák background mx service on SCA; WQXY 100.7 Baton Rouge IA; WWWB 102.5 Jasper AL; WAMI 102.3 Opp AL & at 1215 WJWF 103.1Columbus for my 1st MS (the state, not the mode). At first, I thought the latter was a new eall assignment for WVOC Columbus GA. Both are g and only "Columbus" was mentioned w/out state, & my receiver isn't well calibrated near 103. Tropo JULY 2: KBIN 94.9 Roswell NM b mx SCA; KLLL 96.3 Lubbock TX k mx SCA & non-ID"stereo FM 96" and "Triple L FM" but w/ full legal ID at 0900. 73's, Bruce. APNOLD LAZARIIS - 333 Candee Avenue - SATVILLE NY 11786 Akai AT2650. Probe 9 & rotor 401

AMNOLID LAZARUS - 353 Candee Avenue - SALVILLE N	
MAY 6 MS 0448 WINZ 94.9 FL Miami Beach "I-95"local ad	(June)8 Es
JUNE	1740 KROK 94.5 LA Shreveport r QTH ID
4 Es	1756 KCBI 89.3 TX Dallas "sunshine-89"
1123 WBCL 90.3 IN Fort Wayne ID g ID	1759 KVTT 91.7 TX Dallas QTH ID
1200 WHII 91.3 WI Highland WI public radio	1800 KWJS 94.9 TX Arlington g ID
5 Es	2021 KTEN 93.3 OK Ada ID local ads
1942 KASU 91.9 AR Jonesboro ID by YL	2025 KASX 96.7 OK Ada ID
1944 KETR 88.9 TX Commerce "KETR weatherwatch	9 Tr 1855 WMYK 93.7 NC Elizabeth City "K94" r
7 Es	1900 WQZQ 92.1 NC Moyoek "Q92country"IDQTH
1815 R. Clarin 105.5 DOMINICAN REPUBLIC w/SS,	10 Es
local nx, distinctive 4 chime jingle, & solid ID on tape. In & out till2010.	1746 WWWL 93.9 FL Miami Bch "Love-94-FM"
1840 unID 88:1 SS g w/ YL (female: ancr)	10 Tr
1858 WIFR 91.3 PR San Juan SS nx, some EE	2147 WEXM 107.5 VA Exmore ID over WBLS
QTH ID. over WLRN.	2201 WAZZ 101.9 NC New Bern k QTH ID
1914 WMZU 89.7 FL Miami g ID	2214 WSFL 106:5 NC New Bern r ID
1915 WAFG 90.3 FL Ft Lauderdale g ID	2235 WHYC 88.5 NC Swan Quarter s QTH ID 2258 WOBR 95.3 Wanchese local wx ID (NC)
1935 WKPX 88.5 FL Sunrise r ID	2331 WNCT 107.9 NC Greenville el ID
2055(WRTU) 89.7 PR San Juan SS "ochente nueve	18 Tr
punto siete megahertz en San Juan capital	0706 WLTY 95.7 VA Norfolk r ID
de Puerto Rico"	

#### RICHARD REESE - 421 Marion Street - JERSEY SHORE PA 17740

RICHARD REESE - 421 Marion Street - JERS	EY SHORE PA 17740 EDT
JUNE	18 Es 1035 WMCU 89.7 FL Miami 1cl prgm
3 Es	22 Es
1904 KZLE 93.1 AR Betesvulle ad	0926 KUHF 88.7 TX Houston ID
1910 KISR 93.7 AR Ft Smith ad	0929 KRVS 88.7 LA Lafayette ID ex-88.1
1915 KMCK 105.7 AR Siloam Springs wx	28 Tr 1232 WJYJ VA 90.5 Fredericksburg NEW
1917 KAMD 94.3 AR Rogers "K-Mo Country"	29 Es
1917 KWEN 95.5 OK Tulsa "K95"	2105 KWJS 94.9 TX Arlington ID
1919 KATT 100.5 OK Oklahoma City ad	2108 KVIL 103.7 TX Dallas ad
1925 KEBC 94.7 OK Oklahoma City ad	2115 KPLX 99.5 TX Ft Warren ID
8 Es	2116 KMGC 102.9 TX Dallas ID
1735 KETR 88.9 TX Commerce ID	2119 KTXQ 102.1 TX Ft Worth "Q-102"
1744 KCBI 89.3 TX Dallas ID	2120 KJKK 95.3 AR Murfreesboro ID
1759 KSUC 88.3 TX Keene ID	2122 KMLA 103.9 AR Ashdown ad
1815 KUTT 91.7 TX Dallas	2123 KWAS 105.5 AR Nashville ID
1821 KNTU 88.1 TX Denton ID	2128 KERA 90.1 TX Dallas promo "90FM"
2021 KWJS 94.9 TX Arlington ID	2130 KZRO 104.3 AR Marshall ID
2032 KVIL 103.7 TX Dallas	small report this time due to a poor Es season.
	really big Es opening to speak of. Well maybe
next month. I hope everyone else is having	

NORTHERN FM DX (5)

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SEPTEMBER, 1983
NORTHERN FM DX (4)
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 ne 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 WUD page
worth. I'd be thrilled if you could type it as you would like it presented. That's not
neccessary, 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 & 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 months doesn't bore you totears.
CLINT McAULIFFE - 14620 NE 35th St. #105 - BELLEVUE WA 98007
Hil 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 DH 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 allover 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:
```

1852 KANW	89.1 NM Albuquerque r 1D \$	1210
1859 KOVO	94.5 NM Gallup k ancr Smokey	1.120
	Morgan" \$	
1905 KUNM	90.1 NM Albuquerque k S	1210
	SCA bird Chirp (huh?-ed)	
	92.3 NM Albuquerque k	1210
	91.5 NM Albuquerque \$	1210
	des off FM so try TV & get AZ,	
	88.1 AZ Whiteriver r \$ INDIAN	
1190 mi	this may be your 1853 88.1 r.	unID)
	90.3 BJ Tijuana MEX SS r \$ ID	
	; 2122 92.1 SS mx \$. unIDs	
2130 KOOL	94.5 AZ Phoenix r \$ SCA Physic	eians
	Radio Netwk "Cool-FM"	1155
2132 XETRA	91.1 BJ Tijuana KE r \$ ID	1130
2135 KNAX	97.9 CA Fresno k QTH \$	805

2137 KCAQ 104.7 CA Oxnard-Venture r "Q-105" 2140 TENTATIVE? XHFG 107.3 Tijuana. t1130 2155 KPRI 106.5 CA San Diego \$ r ID 1115 2220 KMBY 107.1 CA Seaside r \$ QTH 2225 KWVE 107.9 CA San Clemente "FM108"1065 new-wave (p)rock.

2230 KKXX 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 • \$

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

SEPT. 1982			
6 Au			
		Washington ID	<b>30</b> 0
		Roanoke ID wx (now W	
1750 WVKS 1	05.9 VA	Woodbridge k ID / abo	ve 460
2106 WBLZ 1	03.5 OH	Hamilton-Cinci.s ID(t	ime?)
1835 WG 1	03.5 DC	Washington c ID 300	520
JAN. 1983		-	
9 Au			
2302 WKHQ 1	05.9 MI	Charlevoix r ID	475
2307 CBOF7	102.1 0	N Brockville FF c	100
MAR.			
12 Au			
1731 WDBN	94.9 OH	Medina ID	330
MAY			
1 GW-Tr			
1800 WUUU 1	02.5 NY	Rome r k "U-102"	25
2010 WSBU	88.3 NY	St Bonaventure ID	
2044 WAES	93.5 NY	Rome ID "Star-94"	25
(how come y	ou've ne	ever had the 2 Rome's	
before; ar	e they r	new; I just got 102.5	for

1st time recently too-ed)

0735 KBBQ 88.1 IA Waterloo ID promo format 15 GW-Tr 2240 CBBP 103.9 ON Peterborough CBC \$ e(IDs duallly w/ Toronto 94.1) 24 Au 1729 WRJA 88.1 SC Sumter NPR ID 640 (your ed. suspects the Es below was caused by above Au) 24 Es 2030-2243 MUF 99 MHz no IDs made. 1800-2045 MUF 101, PTA LA FL TX 330 1813 WDIZ 100.3 FL Orlando "Rock 100" 1160 OOPS: Your editor has goofed. The above DX belongs to: 25 FRED NORDQUIST - 7945 BOXFORD RD - CLAY NY

13041 25 I think I'm getting the hang of editoring. I've never done this before, so I humbly beg your forgiveness. I like the job; you notice more in loggings when you TYPE it.

```
MAY 26 Es cont.
                                                         88:1 TX Humble "88FM"ID
1823 VMFE 90.7 FL Orlando NPR ID
                                       1160
                                              1802 KSBJ
                                                                                         1385
1900 KRVS 88.7 LA Lafayette ID
                                              1804 KSAU
                                                         90:1 TX Nacogdoches NPR
                                                                                         1285
                                       1250
2042 KESS 94.1 TX Ft Worth SS ad "R. Kiss"
                                              1805 KTKC
                                                         92:7 LA Springhill
                                                                                         1175
                                              1811 KLBJ
                                       1345
                                                         93.7 TX Austin TC ID r
                                                                                         1480
                                              1811 KIXS 93.3 TX Killeen "Kix" r
                                                                                         1445
FOUTPMENT:
                                              1820 FADE-OUT
Heathkit AJ-15 receiver & Channel Master
                                              13 Au 0004 WSMC 90.5 TN Collegeville s-off745
Stereo Probe 9 antenna W/ rotor at 35'AGL.
DANIEL E. CETTING - 2882 Old Cedar Grove Rd - BROOMALL PA 19008
MAY 1983
                                               1020 WAAG 94.9 IL Calesburg k ad
1039 KCII 95.3 IA Washington r ID
0157 WDMT 107.9 OH Cleveland sr
                                               1042 KEIN 97.1 NE North Platte r ID
4 Tr 0115 CINGt107.9 ON Burlington "FM108"
                                               1047 KNEN 94.7 NE Norfolk ID
                                               1050 KNJT 97.7 IA Clinton m ID
1100 KIFG 95.3 IA Iowa Falls ID
1100 KOUR 95.3 IA Independence ID nx
    mentioned Toronto happenings.
(yea, them for SURE, but what happens in
 T.O. worth mentioning?)(ed)
                                               1101 KUSD 89.7 SD Vermillion ID
1315 KYSMt103.5 MN Mankato heard "showers
                                               1106 KLCR 97.7 MN Redwood Falls ad nx
    in SD"
                                               1190 WIXX 95.9 MN Forest Lake ID (I left)
                                               31 Tr
0130 WXKS 107.9 MA Medford sr
2310 WHOV 88.3 VA Hampton s
                                               0146 WHUR 90:9 MA Boston i
2313 WSFL 106.5 NC New Bern rs
                                               0202 WJJB 97.7 NY Hyde Park rp *98-Fame*ad 0305 MDYL 92.1 VA Chester g
7 Tr
0730 WWWK 107.7 VA Warrenton r
0731 WPVA 95.3 VA Petersburg k
                                               0316 WLYQ 95.9 CT Norwalk r ad "Q96"
                                               3 Es Occasional Es surges up FM from 1847
0741 94.5 WRVQ VA Richmond r
0748 WDYL 92.1 Chester VA g
                                                     to 1930.
0800 WMJS 92.7 MD Prince Frederick & ad
                                               4 IF 1930 WFMV 106.3 NJ Blairstown r ad "FM-106"
0810 WFLS 93.3 VA Fredericksburg k ad
                                                5 Es Occasional, surges to FM 1910-24 w/95.3
0815 WRXL 102.1 VA Richmond
                                                     k and 97.1 rp.
0155 WSFL 106.5 NC New Bern re
0159 WXKS 107.9 MA Medford ar
                                                1531 WCRPt 88.1 PR Guayama SS g/1549 off FM
0206 WKSS 95.7 CT Meriden b
                                                10 Tr
                                                0720 WPVA 95.3 VA Petersburg k
0123 WAQX 95.3 NY Manlius rp wx "95X"
                                               0721 WNNT 100.9 VA Warsaw k
                                               0724 WRAL 101.5 NC Raleigh rm
2321 WBUF 92.9 NY Buffalo r
                                               0726 WRFK 106.5 VA Righmond e
                                                0729 WNCT 107:9 NC Greenville b
0800 WMNR 8811 CT Monroe e strong
                                                0735 WCPE 89.7 NC Raleigh e ID
                                               0737 WKNC 88:1 NC Releigh r
0809 WING 92.1 NY Sag Harbor rm
                                                2215 WOBR 95.3 NC Wenchese b
1811 WMCUt 89.7 FL Miami g Miami church
                                                12 Au A index 65, Au in lower FM, 2310 peak.
                                               21. Tr
2234 WSQV 97.7 PA Jersey Shore rp
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
                                                0130 WKSU 89.7 OH Kent ID prev. by Au.
 FM again 2205-2247.
                                                0145 WKRB 90.9 NY Brooklyn rp ID, only 8 w??
2258 WINZ 94.9 FL Miami Bch rs
                                                0203 W220AA91.9 NJ Parlin WVRM ID
2300 WMCU 89.7 FL Miami g
                                                0215 WSFL 106.5 NC New Bern in well
2304 WOMQt 92.1 FL Hialeah SS
                                                0246 WBAB 102.3 NY Babylon rp
2318 Es off FM.
                                                0300 WWHB 107.1 NY Hampton Bays ID r
                                                0302 WODW 97.7 NC Kinston s ID
25 Tr
2015 WOBR 95.3 NC Wanchese b
                                                0900 WOBR 95.3 NC Wanchsee b
2200 WNSB 91.1 VA Norfolk j ID
                                                2359 WYSU 88.5 OH Youngstown c ID
2200 v.g.-exc. Tr from Tidewater. Norfolk in 25 MS
 $ on locally used freqs.
                                                2243 KSBJ 88.1 TX Humble ID (ed.Methinks
26 Tr
0040 WXKS 107.9 MA Medford sr strong
                                                 this to be what is increasingly known as
                                                 SPORADIC Es. There was at time & meny
0100 WMYK 93.7 NC Elizabeth City pr
                                                had this area. My theory on the lack of Es
0200 WBUR 90.9 MA Boston j
                                                is that the government has built a big
0202 WCTY 97.7 CT Norwich k ID
                                                dome to keep out unwanted signals. Briuf of
0205 WAAF 107.3 MA Worcester rp
                                                your ed's silliness & onto the report...
27 Es
1001 KIWR 89:7 IA Council Bluffs e ID
                                                1730 KDSU 91.9 ND Fargo ID
1002 KDPS 88:1 IA Ft Dodge r ID
                                                1752 Es off FM. Again briefly 2216-18.
1008 KIMI 95.3 Keokuk IA
1010 KCRC 92.9 MO Hannibal r
                                                2242 WEZX 107.1 PA Scranton PSA rp
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CENTRAL FM DX

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 KLWN 95.9 Newton, IA 0000 s/off (150), KEEZ 99.1 Mankato-Blue Earth, MN, r, "FM-99," (305), KQYB 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), WSND 88.9 Notre Dame, IN 2100 c (240), WLNX 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), WJME 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 improvment, 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, WEV 97.5 Winter Haven-Lakeland, FL 2020 (1000) ID, WENF 97.9 Palm Beach, FL 2022 (1125) r w/Jay Michaels DJ, WHOO 96.5 Orlando, FL 2024 (980) r, "Stereo-96," WVFM 94.1 Lakeland, FL 2026 Carol's Uniform Center ad, WWKA 92.3 Orlandogave request line phone # 424-92FM 2030, WCKS 101.1 Cocoa Beach, FL 2039 (101.5) Gatsby's Eatery ad, WINF 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), "Tis," KCKI 95.3 Bayou Vista, LA 2232 (775) w/disco, which soon vanished when rain and thunderstorm hit here.

7/25 tr WKMS 91.3 Murray, KY (300) 0204 s/off, WKXK 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, WEET 92.9 Olney, IL (175) thru pest KGRC - think they had hard rock, WORL 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), <u>KICD</u> 107.7 Spencer, IA (290) 1106 Burns Motor Co. ad, <u>WCCN</u> 107.5 Neillsville, WI (175) 1116 ad for businesses in Loyal, WI, KROC 106.9 Rochester, MN (260) 1137 r "The Music Source," WKRV 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, KMGO 98.7 Centerville, TA (120) 2100 Steve Thompson show w/r, KOEL 92.3 Oelwein, TA (165) 2105 "Country Fresh FM." Their AM station was one of my first BCB 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, KSMO 95.9 Salem MO (205) 0607 Dent Co. nx, WZKR 102.7 Memphis, TN 0625 (375) "Rock-103," WGKK 105.9 Memphis 0645 "New Kix-106." 73.

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## 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, wxcast, ID

73's Mike

#### Dave Brumfield - 1618 Chester Blvd. - Richmond, IN 47374

	-				6/20				
6/14	<u>58</u>	80.7	mν	Dallas San Angelo	<del>%22</del>	SED.	107 5	OH	Gallipolis
1027	KODT	07.0	TA						
6/22	rate Cate	77.7	TA	SHU WERSTO	74.66	FCME	88 1	CO	Manitou Springs
6/22	<u> </u>	88 1	mv	Humble, ordained station	1510	WCD.T	88 1	ΨA	Humble
1270 1		00.1	TA	numble, ordained station	2/2	Fe RDD0	00.1		Hamble
6/27	APVU	AT = 2	T.A.	LINITA ATAM	1630	<del>S</del> TD	07.7	we	Rilowi
<u> </u>	UOMT	106 1	71	744-2444-74	1545	MOME	03.3	T.A	New Orleans
1717 T	D- D-	100.1	TL	TITCHILDIO	3600	THAL	97.1	TAN	IS Davnosa
****		02.3	mv	W2 41 4	2/33	+=	· 7/•±	TWE	m meluosa
1610 1	NWAW FUEN	92.7	TA.	Midiand	<del>(122</del>	<del>iii</del> nc	05.7	TT.	Pffinchem
1827 1	KTAA	06.7	mv.	San America	1152	WORK	97.5	W	Charleston
1027	KUAR	04.0	TY	San Augero	1430	MACD:	103.3	w	Huntington
1857	ETWY	02.0	TA.	Can Antonio	1443	AKUL	103.3	TN	Neshville
1002	ETTI.	88 3	TA	San Antonio	242	T-	10,00	414	Madiiviii
1034	MD TT	00.0	T.Y	Con Annala	份款	Since.	02.1	FT.	West Dalm Reach
1020 1	KHIDN TTTT	02.1	TA	san wikaro	1022	WAGE.	03.5	FT.	Vero Beach
1025	E UAN	7601	W.	Abilone	1000	AGTT.	03.0	TT.	Wiemi Reach
1977	EL LIN	10/07	TA	Delles-Post Vosth	1045	WHID	92.1	FT.	Hislanh? SS
7777	PPDA	100.1	TV	Dalles Fort Worth	1057	un Th	100.7	FT.	Pt Landardala_Mismi
2000 1	NAGAA PT WII	90.1	TA	Dallas-Fort Worth	1105	unID	05.5	PT.	Yer West
2007	KKKK KTAK	90.7	TA	Dallas-for worth	1122	MAMA	96.0	TT.	P+ Wrave
2009	UTAN VTAN	105 1	TA.	Abilessa, "Love-yy"	1215	WAINE	03 1	MY	ac ulara
201E 1	CEAN T	102.2	mv.	Midland Odense	1277	KUDK	92.7	MY	Yingerille
2017	K T UW P M D O	105.5	TA	Andrews	1257	NODA NTR	7E 0 /	22	ac at name at the
2050 I	RMAN THOT	105.5	MA.	Paleas	1250	unID	9747	22	96
2050	KKCC	106.9	U.E.	Clinton	2/14	+ 20	7401	•••	
2100 1	HIE	07 0	MA.	Odeses	7277	VOAT.	104.1	OF	Cleveland
2120	EUVT	05 3	mY	Die Ennine	7/14	E-	10101	011	0101014114
2126	KUDU	100.2	TY.	Abilana	1646	2K BL1	93.1	22	to Northeast
6/26	Roave Ro	10007		VOTTORIO	1700	unTD	88.1	??	to Northeast. FF
<b>116</b>	77 DE	02.5	CO	(Ineal ex	1854	KROT	95.1	8D	Deadwood
1104	KUNC	91.5	CO	Creeley	1900	KESD	88.3	SD	Brookings
1108	KNEB	04.1	NE	Scottshluff-Gering	1908	KKEJ	93.9	gn	Rapid City
1152	KRHR	93.1	SD	Sturgis-Repid City	1913	KLOR	98.7	MN	Pipestone
1156	KROV	95.1	SD	Deadwood, "Sky-95"	2/19	tr	,,,,		
1200	KKK'I	93.9	SD	Ranid City	1136	VSSR	91.9	II.	Springfield
1210	KODY	94.5	ND	Rismarck	7/24	tr	,,		
6/28	Re	,,			0900	VVPN	88.5	WV	Charleston
1138	KOTZ	93.1	Ψ¥	Amarillo	0900	WYPW	88.9	WV	Buckhannon
1150	KRDF	98.3	ΤX	Spearman-Gruver	7/25	Es	,		_
1156	KWYT.	94.1	NM	Albuquerque	0020	KSKL	93.7	ΨX	Lubbock
1158	KOB	93.3	NM	Albuquerque	0022	KXXY	96.1	OK	Oklahoma City
1200	KFLO	91.5	NM	Albuquerque	0025	KZOR	94.1	NM	Hobbs. "Z-94"
1221	KANY	89.1	NM	Albuquerque	0037	KENY	89.5	NM	Portales
1232	KFMG	107.9	NM	Albuquerque	7/29	tr	-,4,		<del> </del>
1337	KYGO	98.5	CO	Denver	0230	WJEZ	104.3	IL.	Chicago
1340	KTAK	93.9	VY	Riverton	7/29	Es	32.47		
1406	KOLL	93.5	WY	Gillette	1252	unID	93.3	LA	New Orleans?. "Q-93"
		,,,,,		San Angelo  Rumble, ordained station Prarie View  Litchfield  Midland Lubbock San Angelo Laredo San Antonio Keene San Angelo Sonora Abilene Dallas-Fort Worth Dallas-Fort Worth Dallas-Fort Worth Odessa, "Love-99" Abilene Midland-Odessa Andrews Belton Clinton Odessa Big Spring Abilene  Greeley Creeley Scottsbluff-Gering Sturgis-Rapid City Deadwood, "Sky-95" Rapid City Bismarck  Amarillo Spearman-Gruver Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Albuquerque Penver Riverton Gillette				•	

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

#### From Bloomington, MN Location:

7/14 Es
1825 WXIK 96.1 NC Shelby, "FM-96"
1827 WNCW 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)
<u>7/21 tr</u>
0000 KKSD 101.5 SD Gregory
(Time is CDT)

CENTRAL FM DX

\*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. % hour after front passed. Es gone but trops better than average.

#### From Prosit, MN Cabin Location:

```
7/5 Es
2009 WNGC 95.5 GA Athens
7/3 tr
1700 KMSU 89.7 MN Mankato
1729 KWGG 104-9 IA Hampton
1730 KCHA 95-9 IA Charles City
1800 WOI 90-1 IA Ames
                                                    2012 WKKZ 92.7 GA Dublin
                                                   7/6 tr
0008 CBLA 90.1 ON Atikokan
2010 WCCM 107.5 WI Neilsville
                                                    7/23 Es
7/3 Es
1818 WCKW 92.3 LA Laplace
                                                    Day long Es on TV 0900-1700; Nothing on FM
                                                   7/24 Es
1932 WQST 92.5 MS Forest
1901 WLPR 96.1 AL Mobile
                                                    1945 WLIN 95.5 MS Jackson
1925 WXBM 102.7 FL Milton-Pensacola
                                                    1959 WQUE 93.3 LA New Orleans.
1930 WPFM 107.9 FL Panama City
                                                        + Music SCA "Q-93 Hit Radio"
2000 WKYD 98-1 AL Andulsia
2002 WGNE 98.5 FL Panama City
                                                    2000 WCKW 92.3 LA Laplace
2030 WIN 97.9 FL St. Petersburg-Clearw. 2003 WITJ 97.7 MS Fayette
7/5 Es 2030 KYKZ 96.1 LA Lake Charles
1830 WIFM 92.5 ?? (gospel program) 2035 WCKW 92.3 LA Laplace, Note
                                                    2035 WCKW 92.3 LA Laplace. Noted a song
1844 WJYR 92.1 SC Myrtle Beach, "Joy" 1859 WCSE 92.3 NC Asheboro
                                                    dedicated to listener in Stevens Point, WI
                                                    and Buffalo, NY. Aware of Es and gave
1914 WHSL 97.3 NC Wilmington
                                                    phone # to call station!!
                                                   2100 KRVS 88.7 LA Lafayette
2100 KVPI 93.5 LA Ville Platte
1931 WFAE 90.7 NC Charlotte
1933 VIJTR 91.3 SC Columbia
1933 VRJA 88.1 SC Sumter
1933 VNSC 88.9 SC Rock Hill
                                                    2104 KSMB 94.5 LA Lafayette
                                                    2105 KJNA 99.3 LA Jena
1933 WSCI 89.3 SC Charleston
                                                    2106 KHAZ 99.5 ?? "FM-100 - Mx of EZ FM"
1933 WJWJ 89.9 SC Beaufort
                                                    2115 KDEA 99.1 LA New Iberia
1933 WEPR 90.1 SC Greenville-Spartanburg 2118 KTDY 99.9 LA Lafayette
(All // programming w/multiple IDs-SC Net) 2124 KRBE 104.1 TX Houston
1935 WROQ 95.1 NC Charlotte
1949 WEAS 93.1 GA Savannah,
                                                    2130 KAJN 102.9 LA Crowley, + SCA X
             93.1 GA Savannah. "E-93"
                                                    2135 KOUE 102.9 TX Houston. "KO"
1950 WESC 92.5 SC Greenville,
2000 WLFJ 89.3 SC Greenville
             92.5 SC Greenville, "ESC"
                                                   2140 KSRR 96.5 TX Houston
2142 KLEF 94.5 TX Houston
                                                   2153 KMJQ 102.1 TX Clear Lake City 2158 KTKK 95.7 TX Houston
2001 WSVH 91.1 GA Savannah
2003 WHUU
             94.5 SC Greenville
2007 WSGF 95.5 GA Savannah, "FM-95"
                                                    2212 KILT 100.3 TX Houston
```

### Ronald Purdue - Route #1, Box 224 - Byron, MN 55920 Rouinment: Realistic STA-111 and Archer "Stereo Supreme" FM Antenna w/Goax Lead-in-

7/3   Es   7/4   Es
1924 KBUC 107.5 TX San Antonio, k, 1065 2030 WEGN 93.5 AL Evergreen, k 916 2035 WEYD 98.1 AL Andalusia, PSA's 93.1 1944 KOXY 94.1 TX Beaumont, ads, b 968 2048 WOXM 97.9 FL Clearwater, p 1248 2100 WEGG 95.7 FL Clearwater, r, ID 1248 2110 KAMZ 93.1 TX El Paso, ads, r 1125 7/14 Es
ID, sports nx 1944 KQXF 94.1 TX Beaumont, ads, b 968 2048 WQXM 97.9 FL Clearwater, p 1248 6/27 Es 2100 KRZB 93.9 TX El Paso, b 1125 2111 WIJS 91.9 AL Jacksonville, r 790 2110 KAMZ 93.1 TX El Paso, ads, r 1125 7/14 Es
1944 KOXY 94.1 TX Beaumont, ads, b 968 2048 WOXM 97.9 FL Clearwater, p 1248 2100 WGG 95.7 FL Clearwater, r, ID 1248 2101 KEZB 93.9 TX El Paso, b 1125 2111 KIJS 91.9 AL Jacksonville, r 790 2110 KAMZ 93.1 TX El Paso, ads, r 1125 7/14 Es
6/27 Es 2100 KEZB 93.9 TX El Paso, b 2110 KEZB 93.1 TX El Paso, ads, r 1125 7/14 Es 2100 WMGG 95.7 FL Clearwater, r, ID 1248 2110 KAMZ 93.1 TX El Paso, ads, r 1125 7/14 Es
2101 KEZB 93.9 TX El Paso, b 1125 2111 VIJS 91.9 AL Jacksonville, r 790 2110 KAMZ 93.1 TX El Paso, ads, r 1125 7/14 Es
2101 KEZB 93.9 TX El Paso, b 1125 2111 VIJS 91.9 AL Jacksonville, r 790 2110 KAMZ 93.1 TX El Paso, ads, r 1125 7/14 Es
2112 KFIM 92.3 TX El Paso, ads   1841 WMYU 102.1 TN Sevierville, ad, r 747
2123 XHPX 98.3 COA Ciudad Juarez, SS 1130 1846 WOTR 99.1 NC Whiteville, r 1000
2136 KBIM 94.9 NM Roswell, ads, b 970 1850 WSSX 95.1 SC Charleston, r 1027
6/28 tr 1852 WWDM 101.3 SC Sumter, 960
1750 KKRL 93.7 IA Carroll, ads, p 178 Sheridan Bdcstg. Net. nx
1841 WKKQ 93.9 MN Hibbing, ads 235 1853 WSSL 100.5 SC Laurens, ads. 868
6/29 Es k, "Whistle-100"
2008 WCHY 94.1 GA Savannah, ads 1027 1901 WKTM 102.5 SC Charleston, ads. 1027
2009 WEAS 93.1 GA Savannah, "E-93" 1027 AOR, "KTM-102"
2014 WSB 98.5 GA Atlanta, r, "99-FM" 825 1906 WCKN 101.1 SC Anderson, ads, r 850
2017 WDIZ 100.3 FL Orlando, ads 1235 1910 WJZR 99.7 NC Kannapolis, wx, ID 865
2022 WQIK 99.1 FL Jacksonville, k 1106 1914 WXIK 96.1 NC Shelby, r 840
2025 WJGA 92.1 GA Jackson, talk 898 1919 WSGS 101.1 KY Hazard, k, ad, no \$ 681
2027 WKKZ 92.7 GA Dublin, ads, r, ID 945 1924 WXRC 95.7 NC Hickory, "X96-Rock" 828
2028 WSVE 92.7 FL Green Cove Springs 1135 1927 WDSC 92.9 SC Dillon, b 968
2030 WSNT 93.5 GA Sandersville, nx 928 1936 WBBQ 104.3 GA Augusta, ads 930

- 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,

KROC-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 .- RS) See you in 30 and good DX.

+ + + + + +

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

7/3 Es 17/	/18 Es
1900 WMCU 89.7 FL Miami, g. ID 1080 20	/18 Es 744 KFIM 92.3 TX El Paso, local ad 1275
	059 KEZB 93.9 TX El Paso, local ad 1275
1927 WRBH 88.3 LA New Orleans, 790 7/	
	517 KSLE 91.5 MO St. Louis. 300
1942 KIXS 93.3 TX Killeen, local ads 950 7/	
1944 KCKR 93.5 TX Crockett. 875 14	39 KBIL 92.9 TX San Angelo, 1050
station promo	call letters
1948 KWTX 97.5 TX Waco, call letters 920 14	
1949 KPLX 99.5 TX Fort Worth, 850 7/	
	202 WCBN 88.3 MI Ann Arbor, ID, 10w 130
1951 KSCS 96.3 TX Fort Worth, 850 7/	
	000 WWW 105.5 OH Sylvania, r. ID 90
1959 WCOZt100.1 LA Shreveport, b. (Station 00	O/WIFF. Detroit, Windsor, Toledo strong)
fading in & out) Heard: "WCOport"	"The Voice" Oll WPLN 90.3 TN Nashville. s/off 340
2001 KZEU 107.9 TX Victoria, r, ID 1060 7/	24 K8
2006 KFXE 92.3 AR Pine Bluff, 575 19	212 WMGG 95.7 FL Clearwater, r, 900
"Foxy-92" call letters	call letters
	215 WMEZ 94.1 FL Pensacola, b, 720
call letters	call letters
2030 KUT 90.5 TX Austin, r, ID 1000 19	
2054 KTSU 90.9 TX Houston, 950	sall letters
station promo [19]	932 WLPR 96.1 AL Mobile, local ad, 710
7/14 Es 1837 KFNF 101.1 KS Oberlin, k, 770 19	call letters
1837 KFNF 101.1 KS Oberlin, k, 770 19	934 WDIZ 100.3 FL Orlando, r, ID, 885
call letters	promo
1838 KGOR 99.9 NE Omaha, m, calls 525 19	959 WXOS 100.3 FL Plantation Key, ID1140
1841 KOKO 98.5 IA Council Bluffs, 515	weather
	009 WINK 96.9 FL Fort Myers, r, ID 1000
1846 KRVN 93.1 NE Lexington, ID. 720 20	013 WKPX 88.5 FL Sunrise, r, wx, 1070
local ads	call letters
1849 KSDZ 95.5 NE Gordon, wx, calls 825 20	022 WXUS 104.7 FL Big Pine Key, r, 1140
1851 KNEB 94.1 NE Scottsbluff, ad 910	ex-93.5 local ad
	24 tr (in the middle of a skip opening)
	053 WIOK 95.3 KY Falmouth, 170
	comotional contest w/station address
	/24 Es (Now back to Es)
	754 KODK 92.7 TX Kingsville, calls 1160
1907 KROA 95.7 NE Grand Island, g, ID 660 21	
	105 KLCR 102.3 TX Center, wx, calls 775
	LO7 KQUE 102.9 TX Houston, calls 945
station promo 21	LI6 KOXY 94.1 TX Beaumont, calls 885
1929 KELN 97.1 NE North Platte, r, ad 775	call letters
1939 KSEZ 97.9 IA Sioux City, r, 550 21	128 KBFM 104.1 TX Edinburg, r, PSA, 1230
call letters	call letters

- Continued -

FM				
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	<b></b>	1007
Sep	tember	1707

De	adl	<u>ine</u>	, th	1e 5	th
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		PM SCC										
Dier. Location	Rank	Total				Au USA	CN					As of:
Pat Dyer, San Antonio TX	1	1518		1239	23	0 41+		7	3	54		1/1/82
Bruce Elving, Duluth MN	2	1473	130	685	- 8	7 44+		1	0	49		
Danny Buntin, Stillwater OK	3	1441	202	818	_ 3	0 48+		9				8/2/82
John Ebeling, Bloomington, MN	4	1388	210	788	38	78 47+		. 5	0	51		1/1/83
Mike Dalton, Clearwater M.	5	1283	284	692	8	0 42+		12				5/31/83
Fred Mordquist, Clay NY	6	1184	184	567		54 39+			2			
Mike Bugaj, Enfield CT	7	11 <i>5</i> 9	140	629	7	21 37+	3	0	1	42		12/14/82
Ralph Strobel, Muncie IN	8	1139	306	160	31	4 38+		1	0	43		6/8/83
Peter Sawatzky, Guelph ON	9	1088	167		112	6 38+			1	47		12/22/82
Tim McVey, Bolivar TN	10	1075	151	392	1	1 42		11	1	59		7/1/83
Fred Mc Cormack, Des Lacs ND	11	1074	137	801	25	85 44+	6	4	0		65	7/2/83
Bob Seybold, Dunkirk NY	12	1011	149	510	0	0 40		2	0	48		8/8/82
Joseph Fela, S. Plainfield NJ	13	997	199	484		9 37+		0	3	46		5/29/83
Jim Pissi, Lovington NM	14	878	107	687	2	0 37		11	2		81	7/11/83
David Nieman, Akron NY	15	861	222	188		18 40+		0	2	50		6/23/83
Hank Holbrook, Chevy Chase MD	16	787V	187	208		0 35+		0	ã	44		5/8/83
Saul Chernos, Burnt River ON	17	768	114	414		70 37+		0	0			4/16/83
Fred McCormack, Fargo ND	18	763	88	490	3	47 47+		2	0			7/4/83
John Jefferson, Pleasanton CA	19	679	140			0 23		4	0			4/10/83
Richard Steinberger, Hudson MA	20	607	130	266	12	6 3/4+		0	0		39	6/25/82
Joseph Smith, Johnson City NY	21	602	70	164		0 34+		0	1			6/15/82
Daniel Cetting, Broomall PA	22	540	127	181		3 30+		0	0		77	4/20/83
John Ebeling, Prosit MN	23	513	86	241		5 40+		0	0			1/1/83
Jim Ayers, Murfreesboro TN	24	448	73	18		0 27	1	1	0		81	2/12/82
Alan Michalek, Springfield MA	25	402	47	200		0 36	4	0	0			7/25/82
David O'Dell, Little Rock AR	26	367	39	112		0 40+		1	0			9/23/82
Mike Hogan, Burnham IL	27	301	56	28		0 24	1	0	0			10/12/82
David Hascall, Fortville IN	28	297	56	297		0 26	4	0	0			1/5/83
Bob Sweitzer, E. Brunswick MJ	29	230	71	7		0 10+				11		10/16/82
Robert Ross, London ON	30	204	43	19		0 14	1	0	0	-,		2/1/83
Ronald Pundue, Byron MN	31	156	2	95		0 20+			0			6/25/83
Frank Wheeler, Erie PA	32	145	16	3		0 8		0	0		64	
Wm Hepburn, Niagara Falls ON	33_	135	47	35	0				0		.29	
Manager W. Ward All Comme					4	i-amed	~~			e+ = ~	inn.	e due to

TELOGRAPIO NE

Notes: VmVerified (QSL's). Several members entries were dropped from the standings due to no updates received since 1981. All actively DXing members are welcome to submit their FM Scoreboard state and be a part of the numbers game. Column definitions are as follows: Total= Total number of FM stations logged. (Freq. Changes count as a new station, call letter changes DO NOT count.) 88-92= all stations logged from 88.0 to 91.99 Mhs. Es= total number of stations logged via E-skip. MS= total by meteor scatter. Aum total via Aurora. USAm total number of states and the "+" = Washington DC. CN= rumber of Canadian provinces logged; MX= number of Mexican states logged; FO= number of foreign countries logged, but not Canada or Mexico. TPU or "total political units" = sum of USA CN MX and FO. YB= the year you began DXing.

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. See you at the convention in Dunkirk: 73 - Fred.



KTRO 335 Muncie Road

Leavenworth, Kansas 66048

7/24 Es 17/24 Es
2144 KNCN 101.3 TX Sinton, r 1120 2257 KFAN 101.1 TX Fredricksburg, wx 1050
"Corpus Christi's best rock, C-101"   2300 KERV 94.3 TX Kerrville, ID 1070
2157 KMEZ 100.3 TX Dallas, wx 840 2304 KWLW 93.9 TX San Angelo, 1050
2158 KLOL 101.1 TX Houston, calls 945 local talk show
2203 KUT 90.5 TX Austin, (Anner. 1000 2310 KGKL 97.5 TX San Angelo, k, 1050
mentioned people listening in SC and OH) call letters
2218 KFMN 107.9 TX Abilene, r, calls 975 2318 KWTX 97.5 TX Waco, call letters 920
2230 KCBI 89.3 TX Dallas, g, ID 840 2321 KWXL 94.1 NM Albuquerque, r, 1195
2232 KNCT 91.3 TX Killeen, 950 local promo
fund raising 2326 KNFM 92.3 TX Midland, local PSA 1105
2237 KZFM 95.5 TX Corpus Christi, wx1130 2329 KFLQ 91.5 NM Albuquerque, ID, g 1195
Some nice openings this month resulting in lots of new loggings. Iowa, Alabama,
and Arkansas are new E-skip states for me. Spent the first week of July visiting
some people in the Minneapolis area. Took my portable radio along but it overload-
ed on the local stations making DX impossible. Had a nice visit with Ralph Strobel
on the 12th, and heard some DX while there. His McIntosh tuner is quite impress-
ive. Sorry I'm not going to make it to the convention again this year. I'd really
like to, (haven't been to one since 1977), but my work schedule won't allow it this
year. Hopefully next year 73s, Bob
+ + + + +

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

7/12 Es	7/24 Es
	1855 WWWL 93.9 FL Miami Beach, r\$ 1045
	1900 WINZ 94.9 FL Miami Beach, pr\$ 1045
	1919 WKSJ 94.9 AL Mobile, kt, 700
1110 WSWN 93.5 FL Belle Glade, k\$, ad 960	"KSJ-Country"
1128 VCVU 94.5 FL Naples-Ft. Myers, 1000	1924 WRLX 92.9 AL Mobile, s\$ 700
	1937 WKPX 88.5 FL Sunrise, r\$ 1025
	2000 WHRS 90.7 FL West Palm Beach, 970
1300 KOIR 88.5 TX Edinburg, 88, 1275	"\$-91," fund raising
	2004 WQLM 92.7 FL Punta Gorda, b\$ 950
	2032 KJAE 92.7 LA Leesville, k\$ 800
1824 KODY 94.9 NE North Platte, k\$ 850	2035 KODK 92.7 TX Kingsville, r\$ 1200
	2042 KSRR 96.5 TX Houston, ad 960
	2046 KCKR 93.5 TX Crockett, k\$ 850
	2059 KXGC 96.9 TX El Campo, r\$ 1000
	2109 KAOC 93.3 TX Port Lavaca, k\$ 1100
	2129 KQXX 98.5 TX McAllen-Brownsvil. 1275
1845 KQWC 95.9 IA Webster City, r\$ 480	2132 KVLY 107.9 TX Edinburg, b\$ 1275
	2135 KOYE 94.9 TX Laredo, p\$ 1250
	2143 KOTT 101.9 TX San Antonio, b\$ 1110
	2146 KUT 90.5 TX Austin, UT ment. 1050
	2148 KBIL 92.9 TX San Angelo, r\$ 1100
	2159 KFMN 107.9 TX Abilene, r\$ 1040
1905 KNWC 96.5 SD Sioux Falls, g\$, mx 660	
1910 KNEY 95.3 SD Pierre, ads, "Y-95" 850	
	2219 KINE 97.7 TX Kingsville, k\$ 1200
1922 KCND 90.5 ND Bismarck, c#, 930	2234 KOOI 106.5 TX Jacksonville, b\$ 780
	2300 KFLQ 91.5 NM Albuquerque, SS 1250
	7/25 Es 0002 KTXT 88.1 TX Lubbock. r\$ 1025
	0002 KTXT 88.1 TX Lubbock, r\$ 1025 8/11 ms
	0/11 ms
2224 KEXX 93.9 TX Corpus Christi.r\$ 1170	0425 WFSU 91.5 FL Tallahassee, ID 700 12 secs. gave: "This is WFSU FM in
2240 KSBJ 88.1 TX Humble, g\$ 950	Tallahassee. The Beaux Art Trio will
	perform next in this recording of Felix
1557 WWWL 93.9 FL Miami Beach, r\$ 1045	Mandaleschnie Tric in C minon U
E-skip was very average this summer. The	August meteor showers prove to be one of
the poorest years ever. The tropo situati	on has been even worse! Guess I snoke
too soon regarding meteor scatter. Two st	ations were just heard. On tape, I have:
8/12 ms 0555 WCIE 91.1 FL Lakeland, "	Kids Incorporated of Lakeland" ex-91.3
by ms. & 0559 KANZ 91.1 KS Garden City, "	This is listener supported radio, KANZ
for Garden City, Kansas (Previous Es)	•
Much thanks to Bob Seybold for an outstand	ing convention. The final night was back
on the hill to see Milwaukee TV stations,	as well as 90.7 in Delafield, WI on FM.
	73, RAPA
AA	* * * * * * *



BRUCE F. ELVING, PH.D. EDITOR 4515 AVENUE "E" KEARNEY NE 68847, U.S.A.

NEW FM STATIONS GRANTED

CA Eureka 101.5 100000 h,v; 1640', m CA Nucles KJMM 97.9 100000 1496', rock CA Sen Luis Obispe 98.1 3600 h.v; 1620' CA VIIIa Grande (38-28-37; 123-01-21) NINETY ONE F.M. INC.

P.O. Box 171 Villa Grande, CA 95486



Francisco), Russian River Audio, owner. \*90.9. CO Kremmling 106.3 3000 h,v: 300' | IN Loomo-HI Paguilo 95.9 2100 (h): -200' Itee 94.3 MI Lakeview 196.3 3000 h,v; 300' [1900 h,v; 400' NY Syracuse 94.5 WYYY (WSYR-FM), still r, but NH Wolfeboro 104.9 3000 h,v; 300'; m SD Spenfish 101.1 98000 h.v: 1490' UT Roy 107.9 50000 h,v; 2360'; k WI Three Lakes W296AB 107.1 (WRVM 102.7 Suring WI translator), \$, g

Wi Tomehewk 92.7 3000 h.v. 260' (students AT Edmonton CJSR 88.5 44 w. rk, U of AT / BC Berriare 185.9 180. k. CFFM 98.3 Kamicons relay station

BC Kamloops 97.5 4300, rock BC Marritt 99.5 35; CFJC (AM) Kemicops relay NS Chaticama 92.7 CITE- \$, m, 10 w 94.1 CFQM- \$, k, 10 w

98.9 10 w, community station PQ Gaption 98.1 106 w, mr, CKAC (AM) Montreal

NW Lac Le Martre (200 km NNW Hey River) 107.1 18, local and CBC, as are next three: NW Lake Harbour (400 km E, Cape Dorset) 107.1 18

NW Repulse Bay (470 km N. Chesterfield Inlet) 107.1 18 [107,1, 18 wetts. NW Sachs Harbour (650 km NW Coppermine) MEXICO, Villaharmosa, Tab. XHVV 97.3, L

MEXICO-INCOMPLETE DATA

184.17 Leon. Gtp. "FM Globo" XHUZ 105.3, city unknown, calls + 105 FM + mas morena (more modern) X? 91.1 Leon "Radio-TV de Guenajueto"

CALL LETTERS ASSIGNED AK Naknek 100.9 KTTH

CA Burney 106.1 KARZ CA Coachella 93.7 KCHV (KVIM) CA Le Grand \*90.1 KEFR CA Los Angeles 93.1 KKHR (KMX-FM) FL Fort Myers Beach 99.3 WQEZ FL Holiday 106.3 WVTY (WHBS) GA Blakely 93.5 WBBK-FM FL New Port Richey 105.5 WGUL-FM (WPSO), m,

Munual network FL Palatka 99.9 WNFI (Y/NFY) (Sonshine-93. GA Manchester 93.3 WVFJ-FM (WQCK), still g, / GA Ocilia 97,7 WKAA (WOWZ) GA Sevenneh 95.5 WIXV (WSGF"-FM") [97.1 Chi. IL Paxton 104.9 WOKO [97, simulcast w. WNIB/ IL Zion 96.9 WNIZ-FM (WKZN-FM), c. Classical/ INNorth Verson 106.1 WNVI-FM (WOCH-FM) IN Versilles 103.1 WOVR"-FM" IA Ames \*91.5 KUSR (KPGY), now rock

IA Grundy Center 97.7 KGCI IA Ottumwa 92.7 KTWA IA Sioux City 95.5 KGLI (KBCM), mr, KG-95 / KS Hugoton 106.7 KHUQ (KGOI)

ME Auburn 99.9 WKZS (WWAV) MD Baltimore 106.5 WMAR-FM (WRLX), 106-Hits, CA Redding KSHA 104.3 100000 h.v (1560)

MI Cadillac 96.7 WEVZ (WITW) MI Rogers City 97.7 WOEA MM Breezy Point 95.3 KLKS (K-Lakes?) MN Ortowille 101.5 KCGN

MA Worcester \*91.9 WAYW

MN St. James 104.9 KXAX (KKKA), not yet on air MN Cambridge 105.5 KXLV"-FM" (KABG) MS Jackson 96.3 WYYN (WXLY)

MD Betheads 102.3 WTKS (WHFS), off air, awaiting rein-

carnation as all news, with WTOP (AM) Washington.

MO Mountain View 96.7 KIAG MO Waynesville 97.7 KFBD"-FM" (KFBD-FM) [network NE Lincoln 95.3 KXSS (KBML), Kiss (strict), r (hits), no / NJ Newerk 100.3 WHTZ (WVNJ-FM), r, Z-100, no net-

work assumed (was ABC-Entertainment) MM Ruidoso 93, 5 KTNT (KBVD)

somewhat more "adult" NC Elkin 100.9 WIFM"-FM" (WIFM-FM) ND Valley City 108.9 KKVC (KOVC-FM), \$, rock OH Bowling Green 93.5 WRON (WKI D), \$, r, "Toledo's New [Rock"/ OH Cleveland \*90.3 WCPN OH Washington Court House 105.5 WCHO"-FM" (WCHO /

OR Coos Bay 98.3 KYTT"-FM" (KICR) OR Florence 104.7 KBUK (KMTB)

(WLZN) PA Emperium 92 7 WOKY PA Hazieton 97.9 WVCD (apparently not changing to / PA Muncy 103.9 WJKR, J-104 (may wipe out W286AB 103.9, as Muncy is not far from Williamsport, home of

UT Salt Lake City 98.7 KCPX"-FM" (KCPX-FM; also

WA Bellevue 92.5 KLSY (KZAM-FM), r, "Classy"
WA Enhrate 95.9 KTRJ (KTRM) TX San Antonio 104.5

WV Charleston 102.7 WVSR (WTIO), to 50000 h.v; 420'

WA Grand Coules 98.5 KEYF | KXZL (KVAR)

WV Huntington 100.5 WKEE-FM (WKEE"-FM")

90.5 CBQT

MB Brendon 99.5 CBTF (not CKSB-8), French?

ON Timmins 96.1 CBCJ to 45000 h,v; 98.2 meters

**DUAL-CITY IDENTIFICATIONS** 

MO Knob Noster KLUK 105.5 adds Warrensburg

TN Collegedale WSMC \*90.5 adds Chattangogs TN

AL Birmingham WZZK 104.7 1280' (100000 h.v)

AR Texarkana KOSY-FM 102.5 97000 h,v (235)

**FACILITIES' CHANGES GRANTED** 

AK Anchorage KNIK 105.3 (from 105.5) 25000 h,v; 255

WV Parkersburg WXIL 95.1 adds Marietta OH

AK Sitka KCAW \*104.7 4300 h,v (-6107)

CA Madera KUUL 92.1 1850 h,v; 390 '

CA Pacific Grove KOCN 104.9 adds Monterey

97.1 CBON-25 to 45000 h.v: 98.2

PQ Louvicourt 95.3 CHUT, to 8 w, entry missing from p.

GA Brunswick WSBI"-FM" 100,7 adds St. Simons Island /

ON Fort Frances 89.1 CKSB- On air, mono French

affects La Barce WY 106.3 translator)

WV Hinton 102.3 WMTD-FM

WV St. Marys 101,7 WRRR-FM

BC Fernie 97.7 CBTN (not CBTH)

95 FM ATLAS, 8th adition

CA Anderson KEWB 94.3 adds Redding

CA Holtville KGBA 100.1 adds El Centro

CA Marina KBOQ 92.7 adds Monterey

ON Nipicon 97.3 CBON-24

translator station W280AB) | Facilities: AR Hunts-SC Columbia 93,5 WCEZ (WXRY) will KRRA 95.9 3000 SC Columbia 93.5 WCEZ (WXRY) WHE KRRA 95.9 3000 SC Hemingroop \*90.9 WLGI (WBHA) h.v; 300'. AR Little TN Harriman 92.7 WHST (WKJS) Rock KABF \*88.3

Ridgeray) TN Handerson 95.9 WFKX 100000 h, deleting TX Crustal City 94.3 KHER vertical, 640' TX Groves 92.1 KTFA (930) TX Mexic 104.9 KYCX, to 2100 h.v: 350' TX Texarkana \*91.5 KTXK

TX Monahens KWES 102.1 970' (100900) TX Nacogdoches KJCS 103.3 100000 h,v (370)

TX Port Arthur KHYS 98.5 100000 h.v:/ UT Cedar City KGSU \*91.1 (from 90.1) 10000 460 VA Front Royal WFFV 99.3 3000 h.v:/ VA Manuscus WEZR 106.7 22500 h v:730'

WA Seattle KUBE 93.3 1290' (100000hv) WI Sturgeon Bay WSBW 100.1 595 h,v;600 BC Kitimet CBUK 101.5 (from 101.1) NB Neguec CBAF-22 from 105,7 to 97.9 NB Newcastle CBAA from 97.9 to 101.9 NB Moncton CBAF-26 88.5 to 26000 w

PO Camp LG3 CKBJ 360 watts PQ Laforce CHLG-7 95.1 (not 99.9). 8w PQ Mistassini Station CBFM 100.7 80 w

PD Rouve Noranda CIRC 88.7 395'(4800) PQ Schefferville 89.3 (from 89.9) PQ Trois Rivieres CBF-FM1 104.3 (moves from Drummondville, but must find a new

YT Old Crow 88.9 (from 88.1), add to FM Atlas, p. 99, 1 wett

STEREOPHONIC STATIONS(\$)
IN Covington W/WV 103.1, beautiful music
IA Hampton KWGG 104.9 K-105 (strict),TX KY Princeton WPKY-FM 104.9, m [(strict) MN Bemidji KKBJ-FM 103.7, r, KJ-104 / MN Glenwood KZZA 107.1, r, ZZA

CA Secremento KCTC 96.1 50900 h,v;475'
FL Mismi WLRN-FM \*91.3 650' (109000hv) GA Valdosta WGOV-FM 92.9 50000 hv: 250' HI Honolulu KHPR \*88.1 25000 bv(20903 ID Lewiston KOZE-FM 96.5 (from 96.7) 25000 h.v: +610'

ID Pocatello KRBU 102.5 90000 h.v; 1010\* IL Waukeonn WXLC 102.3 2600 h.v: 320' IN Fort Wayne WMEE 97.3 26000 h.v: 650' IA Carroll KKRL 93.7 100000 hv (3001 KYSamerart WD CL \*89.9 90000hv: 600\* MN Bemidji KBSB \*89.7 beck to 115 h,

125' (CP for 100000 given up in favor of MN Public Radio, \*88.5) MN Deluth WAVC 105.1



has vertical polarization MM Minnapolis KMOJ from 89.7 to \*89.9 1000 h.v. 80

NE Blair KBWH 106.3 1258 hv: 460'.no \$, but this may be temporary NJ Case May WRIO 102.3 2000 h.v: 300' OH Manafield WCLW-FM 105.3 17500

h,v; 220', reduces coverage PA Pittsburgh WRCT -\*88.3 100h,v; 60' PA St. Marys WKBI-FM 94.3 (from

PA Tyrone WGMR 101.1 6000 h.v; 1170' SC St. George WKQB 107,5 100000 h,v [(190000 h.v)

TN Tullahoma WBGY"-FM" 93.3 990' /

WA Longview KLYK 105.5 300 h.v: 920'

NS Digby 104.7 6500 (from 980 w) [5601 ON Peter-orough CBCP 93.5 10500 h.v / PQ Janquiere CHOC 92.5 3000 h.v (2001)

CRVS 101 5.80 w

MN Madison KLQP 92.1

FCC-FM

MN Olivia KO LV 101.7, Mutual network MALI Emp Harbor City WRDR NY Rome-Utica WUUU 102,5, r, "New You" OR Corvellis KFAT 106.1 | Format: SC Summerville OR Portland KRRC\*107.5 WWWZ 93.5 soul, "Charleston's ONToronto CKLN 88.1 Best FM" NOT STEREO AL Abbeville WXLE 94.3. nows. MM Foston KEHG-FM 107.1 Z network, no ABC-I MN Hibbing WMFG-FM 106.3 -had fire: to resume OFF THE AIR Stereo soon. Details next

month on their fire situation.

MN Feribeult KDHL-FM 95.9—tower blew down: has no Mutual network; expected on soon, but not with steens DELETED-OR PRESUMED DELETED

MN Grand Rapids W26SAA 101.7 - elements of antenna meted out, and translator deemed not necessary in view of WAVC 105.1 Duluth's height increase and addition of vertical polarization

SCA († 67 kHz) CA Sacramento KCTC 96.1 adds music—on safty am to 10 p.m. DC Washington WRQX 107.3 no SCA MD Annapolis WLOM 99.1 ng SCA (but may be back

with now owners taking over the station MD Baltimore WPOC 93.1 1X (low pulses) WIYY 97.9 1X (louder throbs) \_ Format:

MD Gles Burnie WWIN-FM 95.9 1X FL Fort Walton MA Lynn WFNX 101.7 1X | Beach WFTW-FM 99.3 k MY Syracus WMHR 102.8 1M (not 16) FL Tallahassee OR Alberty KHPE 187.9 TX TWBGM 98.9 rock. Al Opp OR Corvellie KFAT 108.1 1XWAMI-FM 102.3 kr WA Clerkston KCLK-FM 94.1 TX (theritary) WI Ladysmith WWIB 103.7 paging (17); their engineer call called and was quite interested I could pick it up)

WI Milwaukee WQFM 93.3 1X WI Readsburg WRDB-FM 104.9 1X, "FM-105" on main

ON Teresto CKFM 99.8 from background wusic to TX
-(alphanumeric data for a wide variety of circlomary)

CA Poim Springs K248AU 97.7 beautiful music

KDES-FM 104.7 RKO (not Y), r (soft), SCA † music, "105-FM" ICA San Jose KEZR 106.5 r CA Rediands KCAL-FM 96.7 pr GA Cairo WT GU 102.3 r. CA Riverside KGGI 99.1 r (not g), + Redlands 98.9 xltr. CA Tracy KWGF 100.9 rock (soft), T (The Source) CO Lakewood KPPL 107.5 no network lantic Beach CT Mentiond WJMJ 988.91 (ABC information), act Y

CT Mentiond WJMJ 988.91 (ABC information), act Y

CT Mention WJMJ 988.5 S (AP Audio) + P.j NE Grand

FL Riviera Bench WNJY 94.3 m, not b IA Denison KDSN-FM 107.1 k[nuntry] IA Sigux City KGLI 95.5 RKD (was AP Audin-S) | D (was KS Menhettan KMKF 101.7 Mutual (Lifestyle) LA Lafavette KRVS \*88.7 P - National Public Radio MA Brookline WBDS 92.9 to country (k) MI Three Rivers MI Gaylord WWRM 106.7 r oldies, Warm-107/"Rock-96." MI Hart WCXT 105.3 rp MI Ironwood WUPM 106.9 K (ABC Rock-from I) MI Detroit WD ET \*101.9 all jazz\_TX Odessa KUFO 97.8 r

MI Lansing WILS-FM 191.7 rpj. Fg. Tagres WOJG 83.3 \* TROUGHER WILS-FM 191.7 rpj. Fg. Tagres WOJG 83.3 \* TN Knoxville WIM2-FM 193.5 194-192. 193.3 98.3 98.3 71 Manuary 193.5 194-192. 193.3 Ph. Manuary 193.5 194-192. MI Protectory WMBN-FM 93.3 (from 95.7) by FL Pensacola
TN Milen WKBJ-FM 92.3 FM-92
IFM, along
MMAnoka KTWN 107.9 UPI Audio | WT KX 101.5 K (xZM) TX Amerillo KMML 98.7 Country Fever 98-7 with its
SK and ND. MN Fergus Fells KBRF-FM 103.3 r, no network, FM-103 MIN Hibbing WTBX 93.9 (+ 96.7 xltrs) rm, no AP Audio MN Liverne KOAD-FM 100.9 (to go to 101.1) r, not b MM Mankato KMSU \*89.7 P (NPR)

KYSMLEM 103 5 Mutual (from N) FM-103 MN Owntonna KRFO-FM 104.9 UPI Audio MNSauk Rajide WHMH 101.7 The Source, no non10

MN Wadena KKWS 105.9 rock

NE Cozad KOOC\*

Mic. XHZV Zamore 92.1 Radio Fabulis Justic Emrisma

FM ATLAS ERRORS—a TH EDITION NY New York WPLJ 95.5 r (not rp) | try), rm, KC-105 (is NY Syracuse WCNY-FM \*91.3 all classical strict), 6am 11pm | type, VT St. Albans 102.3 WLFE, not WWSR NC Bules Creek WCCE \*90.1 news and talk, AP, UPI audios p. 22 WTGP Greenville PA \*88.1 (not 88.3)

OH Cleveland Heights WRQC 92.3 all rock FL Adantic 8ch. p. 22 WTGP Greenville PA \*88.1 (not 88.3) OR Lake Oswego KMJK 106.7 no network WFYV 184.5 r\* p. 24 Institute WV \*90.9 not on map

GA Donalsonville WGMK 106.3 r, K-106. Quincy FL WWSD 102.3 s. Q-102. AL Atmore WSKR 104.1 k, still 29000 watts September, 1983

102.3 s, Q-102. AL Atmore WSK M 104.1 k, 5thl 29000 watts

AL Czark WORJ 103.3 r, J-103 (1M Ft. Weyne W XK E

KOFM 100.3 no network | 103.9 104 X-k-E | p. 67 CBF-11 Asbestos PQ 96.1 (not 90.1) |

KINK 101.9 rj | p. 77 KABI-FM 99.3 Abilene KS missing m, OR The Dalfes KCIV 104.5 AP Audio (S) | kee WZUU |

PA S. Williamsport WMPT-FM 99.3 rock, 95.7 p. 86 WKAD Centen PA 100.1 (not 102.3) |

Foxy-99, Y (applies for new cell letters) | p. 93 AT Calery 105.1 CKPV cells missing n.

PA State College WXLR 103.1 rock, still NBC (was T) p. 93 AT Calgary 105.1 CKRY calls missing SC Hones Path WRIX 103.1 rock (not rk) PA Sunbury WOKX 94.1 rock [network US-101 not CBYD; also p. 120.

TN Cleveland WUSY 100.7 k (from r), no more S / p. 94 ON Attawepiskat 90.1 1 w, missing TX Conroe KJOJ 106.9 kg TX Lake Jackson KGOL 107.5 gr -FM 103.1 Stereo

TY Temple KPI F 104 9 k WI Manitowoc WKKB 92.1 U (from S) Country 103 ON Sernia CJFI 89.9 mr IL Elgin WJKL ON Thunder Bay CJSD 94.3 rm 94.3 J-K-L 94

SLOGANS/NONIDs IN Terre Haute AL Browton WKNU 106.3 KNU WPFR 102.7

CA Newport Beach KOCM 103.1 K-Surf PFR-FM-

KPSI

-9.1450 AM / Stereo 101 FM • no won(0 (was PS-101) CT Bridgapers WEZN 99.9 100-FM

FL Lakeland WCIE \*91.1 CIE | MO Liberty KKCI-FL Orlando WUCF \*89.9 89-FM FM 106.5 KCI

WHOO-FM 96.5 Who-FM IN Hammond FL Tampa WIQI 100.7 W-101 WYCA 92.3 FL Winter Neven WPCV 97.5 PCV Sanshine 92 ON Terifacto CKFM 99.8 from background space to 1X

Tulphanumeric date for a wide susisty of contemps of CA Adments MBB-FH 99.5 now 99 | WCXK Limited 92

CA Adments MBB-FH 99.5 now 99 | WCXK Limited 93

WCXK Limited 94

WCXK Limited 95

WCXK Li KY Owensbore WSTO 96.1 96.5TO WAKW \*93.3 MI Bay City WHINN 96.1 Win-96' FM-93 MI Saginew WKCQ 98.1 KCQ MI Traverse City WMZK 92.1 Muzik-82, rock

Q102MN Duluth WAKX 98.9 99 Wax (not Wax-99) MS Mass Point WKKY 104.9 Y-105 NJ Point Pleasant WADS 95.9 FM-96, KYSR 97.5 "could XHNH and XHNY have swapped NJ Wildwood WNBR 100.7 Steren-1 NM Albuquerque KFMG 107.8 Rock-108 FM 96.5 ABC. NC Roanoke Rapids WPTM 102.3 FM-102 ND Belcourt KEYA \*88.5 Kee-Ya ND Fargo WDAY-FM 93.7 Y-94, rock OH Cincinnati WUBE 105.1 UBE Gity KLCY 94.1 Classy-

OH Hamilton WSKS 96.5 96-Rock PA Pittsburgh WAMO-FM 106.9 FM-109 Column was a young first surprise of the su frequencies, since so many tuners are digital) WAJX

TN Milan WKBJ-FM 92.3 FM-92 IFM, along TX Ballinger KRUN-FM 103.1 K-103

TX Dumas KMRE 95.3 Stereo-95 Gto XHLG Leon TX Quanta KIKZ 100,9 KIX-100 198.3 L6-FM, or F-forgram formats: beautiful-background MB Winnipeg CHMM 97.5 97-FM 16-FM or F-forgram formats: beautiful-background MB Winnipeg CHMM 97.5 97-FM 16-FM of F-forgram formats: c cleasical, e ethnic, g equel, i azz, ON Kitchener CFCA 105.3 FM-105 (Coah, XHTÖ de of the road, n news, p progressive rock, al. XHOY Guadalejara 90.7 Progressi 104.3 Cludad rock including seay rock and top hits, s Mic. XHZN Zamora 92.1 Radio Fabulis Uperg Es-soul, talk. Networks: A ABC-FM, B Natti

OR Portland KXL-FM 95.5 no network, KUPL-FM 98.5 no p. 45 KOJC \*89.7 Cedar Rapidsthould be in large/ network KJIB 99.5 ABC-Entertainment "Rock-105 p. 62 KORR t Kalispell MT 94.3 (not 92.3)

p. 94 BC Part Clements 102.9 CBYB,

IL Pontiac WPOKP. 95 ON Osneburgh 104.5 CBQN, not

PC Port Daniel E 100.5 CBVF missing PQ Quebec CITF 107.5, not 107.3

PO Marsoui 89.3, not 89.9 PQ Val Morin m 104,9 CIME-1 \$ entry missing

p. 101 90.5 NF Port Saunders CBNJ (calls missing); also p. 94 [also p. 95. CA Palm Springs KPSI-FM 100.9 103 p. 106 94.5 FU GIOSPIGINI III. PARTICIPATION III. PARTI - 102.9 Rock-103 TX. ON Owen Sound CBCB is 695'

- p. 118 PQ New Cartisle CSVN, not New p. 119 101.7 PQ Havre St. Pierre 50 w. CFMI relayer, entry missing

p. 121 103.5 PQ Nouveau Comptoir CBFW. now CRFQ 1108 w. 103.5 SA Buffalo Narrows 406 w. not/ BACK ON AIR

KS Lyons KLFQ 106.1 \$, m, no networkpresumebly includes Ellsworth and Great Bend translators, but no IDs heard for the transistors.

MORE MEXICO-INCOMPLETE DATA

X7AM7 91.1 Leon Gto "S1.1 Leon & 101.7 XHNH 93.5 Irapuato? Disco mus "XHNH stores 95" (XHNH listed 95.1could this be a translator? ) XHNY? 95.1 Irapusto? "Stereo 95" Above heard by Jim Pizzi and translated by a friend of his with a good knowledge ITXEI Paso of the Spanish language, Jim muses, Kiss Radio calls, or is 93.5 a translator? I doubt that - - myself. 91.1 not sure at all on calls. 185.3 (see p. 1) no city mentioned and 104.1 UT Saft Lake no calls given. 91.1 a puzzle too as I have a local, KLEA 101.7, and received XHBNO on 101.5. . . also wonder about 91.5 with a Leon restaurant ad."Drop Jim 88260, and he'll share with readers of this column what you might know about these. "FM Es has been outstanding this summer.

located?" My Hammond World Atlas (1966) p. 95 shows it in SE SK, about 8 km SW of Antier, or 8 km SE of Frys,

CHILET ABBREVIATIONS USED THIS COLUMN-SAVE FOR FUTURE USE onal Black Network, C Columbia Broad-casting System, D ABC Direction, E ABC casting System, U ABC Direction, E ABC Entertainment, I ABC Information, K ABC Rock, M Mutual, N National Broadcasting Co., O CBS RadioRadio, P National Public Radio, R RKO 1 & 2, S Associated Press, Radio, H M.O. I et 2, 5 Associates 1 1925, T NBC's The Source; U United Press Audio, Y ABC Contemporary, Z Sheridan, SCA (1): A ABC network, C CBS, E ethnic, F farm, G gospel, L. Mutual, M music, N NBC, P is paging, Q Physicians news, S sports, etc., T talk or talking book, W weather, X data.

#### READERS' REPORTS AND FM INDUSTRY NEWS

You'll note the list of abbreviations on the previous page under SCA only lists under +F farm news, and not financial news. That's because Dow Jones Radio was to have ceased operations July 31. I will not consider that a reality, until I have official word that the stations with it have stopped the service. Rumors to the effect that Physicians Radio Network would guit proved unfounded, so it is possible that a lastmoment reprieve could save Dow Jones financial data on SCA. Dow Jones is said to be going back to a telephone hook-up to its customers. This is one item in an article sent me by a reader on "pay radio" that needs updating. Other forms of "pay radio" mentioned were cable audio hookups and the Physicians Radio Network. John Ebeling showed me a discarded PRN radio, which had a meter on the back to record the number of hours it played, presumably charging the doctor for actual use, besides subjecting the doctors to barrages of commercials for drug products.

A CA FM station engineer reminds that Class C FMs are not allowed in southern CA, except for grandfathered allocations like KDUO in Riverside. And he said that 10-watt translators/ boosters are not permitted there, which I question. I believe the only stated restriction is to 10 watt xitrs east of the Mississippi River, and that 10-watt translators are legal in So. CA.

Walter Patton said the CRTC is calling for proposals for the "care and feeding of SCMO (SCA)." He also, in addition to supplying much of the Canadian news on the preceding two pages, says: "The CRTC has ruled that the newly allowed American TV channels available on CANCOM will only in extraordinary circumstances be allowed to be transmitted over the air. The result has been that several applicants for broadcast STV distribution, many of whom also rebroadcast some FM CANCOM services, have changed their applications so that they be allowed a cable operation. This will probably mean fewer of those [FM] grants for rebroadcasters for which no data is published in the Canada Gazette and perhaps even the disappearance of some already allowed. The CANCOM distributors have been finding less support than they had expected. (In many cases the service they provide costs three or four 'Forward-March!' heard each Saturday morning from 10 am to times as much as that of conventional cable service) The CRTC noon ELT." He's trying to get in touch with the hosts of similar has approved 450 applications in the past two years to supply CANCOM programming to 850 communities (both cable and over the air) but as of April 30, only 75 systems were in operation serving 125 communities.

"The Commission will not allow all-religion broadcast stations especially those espousing a single view. Instead, they will allow a cable-TV network to be owned by a third party and offering access to any religious group wishing time. Solicitations for money could be made only to cover broadcast costs." Presumably, this would apply to FM radio, too.

From south Florida, Ken Simon writes that WWOG \*88.1 Boca Raton is not on yet, and W272AB West Palm Beach continues off the air, because of its proximity to WHLG 102.3 Jensen Beach, 48 km away. "Will have to work at [hearing] ZNS-FM 107.1 Nassau, Bahamas, before WVSI-FM Jupiter FL moves from 96.7 to 107.1." He also logged \*92.1 Belize. ID as "FM93." "How about listing call letters alphabetically?

Phil Boersma rejoined the WTFDA, and clarifies my comment about WFUR-FM Grand Rapids MI's directionality. WFUR-FM's directional null is toward Muskegon, with the expressed purpose of preventing 1 mv/m overlap with WABM—FCC ownership rules prohibit 1 mv/m overlap between co-owned stations (actually, it is over the studios of each others' stations; there can be overlap-B. E.) WFUR-FM would love to send more signal this way, if they could. No Grand Rapids station nulls towards Lake Michigan to prevent "signal wastage," as no GR station's 1 mv/m contour makes it to Lake Michigan (except for WJFM's). GR stations want to cover such areas as Grand Haven and Muskegon with as much signal as possible. On the other hand, Slashing the station's power means that 115,000 potential listendirectional signals for WMUS-FM 106.9 (now on with 50 kw h & v,480') and WQWQ 104.5 in Muskegon might be a good idea-both stations

waste half of their signal area over the lake. . . WABM [Muskegon Heights MI, 101.7], my current employer, hasn't showed up in the Arbitrons since it switched to beautiful music from religion (as WKJR-FM): this includes the latest spring 1983 Arbitron. Privately, I wonder how much longer WABM's owners will put up with this, although they have not yet indicated any desire to change format (again) or sell. No further info on the status of the 98.3 North Muskegon station. . . I also wonder what happened to the 107.7 Portage [MI] CP-was rumored to be an album rocker, but this was LAST summer, and nothing heard about them since. WGVC-FM \*88.5 Allendale MI back on the air, but still at 10 watts, as legal and other problems have held up the power and antenna height increase. WJBL 94.5 Holland MI has been sold, subject to FCC approval, with religious format to be transferred to AM (WWJQ 1260), and a new-as yet undisclosed -format to be put on the FM.

From Bob Baker, Humboldt IA: KCRB \*88.5 MPR in Bemidii MN on air, picking up their signal from (apparently) KCCM \*91.1 in Moorhead. The weather has been wild, resulting in loss of programming between KSJR and KCCM and sometimes between KCCM and KCRB. Most station IDs are for KCRB only, although at times a joint KCRB and KCCM announcement comes from the Moorhead studio. Bob also sent a copy of a letter to MPR stating hearing WOI-FM over KCRB, the Ames station apparently coming over the KSJR \*90.1 College ville MN pick up after KSJR signed off. Recently MN public radio stations went 24 hours, except weekend mornings, and the SCA talking book service also is going 24 hours, possibly the first in the nation (SCA talking book, that is) to do so.

An article sent by a NC reader attests to FMs popularity in attracting quality air talent. WHTX Pittsburgh lost its morning man. Randy Miller to WROO 95.1 Charlotte NC, and he was one of 35 applicants for the job, Stan Kaplan, president of the station said. Kaplan's wife, Sis, is heading up the National Radio Broadcasters Association, formerly NAFMB.



whale of a good time doing two shows on WOMR, 'Ernest in WOMR-Land' and shows, and knows of only two others-on WLRH 89.3 Huntsville AL and WGTS \*91.9 Takoma Park MD. I hear march music each weekday afternoon, 2-2:15 pm on KTFC 103.3 Sioux City, very ineptly produced and announced.

Black music-formatted WVEE-FM 103.3 Atlanta, V-103, is said to be No. 1 in the spring Arbitron ratings, and Nick Lombardi muses that 8 of Atlanta's top 10 stations are FM. He says: "W.IYE 104.1 La Grange GA has moved to Corinth, 14 mi. NNE of La Grange, covering Atlanta better than before (46 miles primary radius, 92 miles secondary-ed.). Studios and offices remain in Marietta GA, where they continue to simulcast with daytime-only WJYA(AM). Advertising and PSAs seem strictly geared to the Atlanta area, with nary a mention of La Grange except on the hour (I wonder if WVFJ-FM 93.3 Manchester GA will also attempt to 'expand' into Atlanta with their new 1250'.)" And WABE \*90.1 is having signal problems, despite installing a new transmitter on Stone Mountain. Seems they cannot be heard well throughout the close in I-285 belt-line, with general manager Van Joyner saying, "We know we have a problem, and somehow we're going to get it solved." In a series of tests, Joyner said, "Consulting engineers flew around Atlanta in a plane full of meters and took all kinds of readings and they could not find the problem." The classical music station is asking listeners (many of whom are faithful patrons) to "keep the faith

A knife was stabbed into the back of public radio in Wilmington NC, when WECT -TV, channel 6 objected to an NTIA facilities grant for the \*91.3 station application. WECT charged interference, so now the public station's application has been scaled down from 29,500 watts to 1,500 watts. The Wilmington Morning Star: ers will be lost. It also means that the station won't be able to hook up to National Public Radio (if it survives its own financial

crisis-which it will, thanks to a CPB-NPR agreed-to bailout of the troubled public radio system, Ed.) and won't be eligible for any more federal money. But the station has lived to fight another day. The Friends of Public Radio and their supporters have to make up their minds to struggle through the period until power can be increased. more listeners served and programming quality improved. Contributions wouldn't hurt. In the end, this crisis may well strengthen public radio. If the station can survive a sneak attack from WECT, it ought to be able to survive anything.

FCC-FM

A similar attack has occurred in Nebraska, with the directors of the Nebraska Broadcasters Association deciding to oppose the NTIA application by KUCV-Union College for four public FM stations, charging sectarian programming by the Seventh-day Adventist licensee. Union wrote and opposed the statement of opposition, and the NE Broadcasters replied that NE does not need public radio. that the commercial broadcasters serve the state well and public radio would take away from the audience for commerical radio. They authorized \$500 in expenses to pay for fighting the application. These are the same arguments the commercial broadcasters have used so effectively for over six years in the NE legislature, thus killing any public radio bills which have been introduced. I wrote in support of Union's applications, noting the reservation that they should be required to preserve and expand the talking book for the blind service, on which their application for federal funds was silent.

In the Detroit area, CJOM Windsor almost switched to a new music format, but the CRTC wouldn't let them hire the Americans they wanted as program director and music director. "Now CJOM is an all-hits station like WHYT (both play lots of 'New Music' hits, along with WABX, which also plays some older songs). The newspapers are printing rumors about another FM station joining WJOI 97.1 with a beautiful music format. In the last ratings, WJOI captured 7 percent of the audience. Country WCXI-FM usually gets between one and two percent, and might be the one to switch."

KGIL-FM 94.3 San Fernando CA has recently changed to "Rockin' Easy in the Valley" from their former "big band" sound, which was similar (perhaps simulcast) to their KGIL- spent \$50,000 on research by a consultant before going to AM format. And, Donald J. Fritz, says "as I travel around So. CA and have a chance to monitor other SCA stations, I will update you. Also, please let me know if the WTFDA-TV Station Guide for channel 6 information comes back into print OR if an old, used or Zerox copy becomes available 1

Gil Werner, Mid-Coast Radio, applicant for \*90.1 in Kansas City MO with 100 kw, says they signed an agreement with KGSP Parkville MO. Parkville will give up its application for 100 watts on \*90.3, and move to \*92.3 with 10 wetts. No agreement was made with KTSR \*90.1 Kansas City, and the time for KTSR to object was passed, so KTSR will have to delete to make way for Mid-Coast's application to be granted. KTSR is reportedly still on the air, but is DOOMED! Verify that one while you can! Another station really happen with WOSR? I don't even think the owners and mananot protesting is KIEE 100.7 Harrisonville, which is 10.6 mHz away from 90.1, and could result in IF-mixing interference on Kansas City radios. KIEE is in the process of moving its tower to Peculiar MO, and serving the Kansas City not pleasing to fans of such folks as Les Davies, on 8 pm to 6 am. market

Greg Monti sent a clipping saying how a group of WEAM (AM) listeners have protested that Arlington VA station's proposed going to progressive rock, while former WHFS drifts to all-news as WTKS 102.3 Bethesda MD. A group has bought some SCA adapters from me and is exploring the possibility of taking the format to an SCA station, like WPFW \*89.3. I suggested they do this on a pre-emptible basis, so their broadcasting could start immediately, but be "bumped" if a more alluring commercial user should come along. This would give the group and the broadcaster some experience with SCA, and by using tunable SCA devices,

listeners could go easily to another station if the service should switch SCA outlets. Besides, I gave them the name of an FCC contact who might be able to advise them. Greg also sent along an interesting brochure, "An Introduction to Public Broadcasting," explaining the various organizations and their functions. These include the Corporation for Public Broadcasting (CPB). National Association of Public Television Stations (NAPTS), National Federation of Community Broadcasters (NFCB), National Public Radio (NPR), and the Public Broadcasting Service (PBS). Quad has been allowed with the recent SCA deregulation by the FCC, but George Mileon checked with WBCN Boston, and they have no immediate plans to try quad again, although "their console equipment is still quad. . . If WICN \*90.5 Worcester has SCA with talking book for the blind, they must have some strange hours for it, or they are having trouble with their SCA signal. I have yet to hear it." Perhaps a reader in the Worcester area can call WICN or tune in frequently to hear if it ever comes on. WKKQ-FM, now WTBX, 93.9 Hibbing MN changed to a new format via SATOOM satellite, rm, devised by consultants Burkart/Abrams, affiliated with WCCO-FM 102.9 Minneapolis. They advertise they are available in Duluth, Superior, Two Harbors and Silver Bay on 96.7 (via translators). Since dropping beautiful music for country, KEEY 102.1 St. Paul (K-102) is making more profits, and doing well against other local country competition, thanks to intensive local promotion and advertising, according to an article sent by John Ebeling.



Gary Swartz, KEEY's general manager, said the station a country format. "We knew there was no future in beautiful music," Swartz said. "Our consultant (The Research Group from Seattle) said we could continue beautiful music but that we'd never grow. Or we could go country. They found a very large hole for FM country. The hole existed, Swartz said, because the two FM country stations in the market did very little promotion and listeners weren't aware that they existed. So KEEY made a large commitment to advertise itself, spending about \$400,000 on TV ads promising 'more muisc. Less Bull.' The 'Less Bull' part reflects the station's commitment not to run more than eight ads per hour, about half as many as broadcast by some stations. The strategy worked nicely. In Catonsville-Baltimore MD, WQSR 105.7 rumored to be going to beautiful music, but Nick Lemonakis says, "Who knows what will ger know. They've changed formats five thousand times in five years; they're like Baltimore weather—constantly in a state of change WVNJ-FM's jazz format said to be shifting to 620 AM, but this is y not pleasing to fans of such folks as Les Davies, on 8 pm to 6 am. Contributors test month: Tim. A. Berd, Marton IA.). Berk, Knowylle TN; Michael Brodie, Little Rock AR (who recommends Buddy King's Sheas show on KAAY 1090 AM midnight to 3 am.); John Clark, Cacco ME; Bill Coleman, Jr., Rocky Mount NC, John Ebeling, Bloomington MN; Bob Engel, Duluth MN; Wm. Fait, Princeville ON; Bill Fletcher, Medican WI; Wendell Ford, Westville IN; Donald J. Fritz, Downey CA; Paul L. Galne, Drovit MI; E. M. lotato, Appterment of the Coleman Coleman (Carlot Martin Coleman). Coleman (Carlot Martin) Carlot Martin) Coleman (Carlot Martin) Carlot Martin (Carlot Martin) Carlot Martin Carlot Martin) Carlot Martin) Carlot Martin) Carlot Martin) Carlot Martin) Carlot Martin) Carlot Mar Now for a plug: My FM Atlas catalog No. 5 (1983) is now ready and includes new SCA products and radios, and the incredible "Sender Adapter" translator that borders on piracy. Write me for a free copy.

ELEVISION NEWS

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 on in Emporium, Pennsylvania. WSM, Inc., experimented with signal boosters in VHF.

The Radio-Electronics-Television Manufacturers Association (RETMA) 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 wa the satellite station, a UHF broadcast station which, instead of originating any local programming, would rebroadcast the programs of an established broadcast station. These

Bill Fahber, editor 336 Atlantic Street Bridgeton, NJ, 08302

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 (channel 34, Los Angeles), WXTV (channel 41, 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 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, KTVW-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 KAZXEG (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% over networks or program distributors, but has indirect control over some of their activities by its control over stations that national Network) is a network with the previously mentioned stations as affiliates. plus about 200 cable television outlets with a service called Galavision.

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 31 million to Spanish television, SIN suggested that if Colgate-Palmolive increase the television budget to 22 million and cut the radio budget, their Mexican subsidiary could 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 questions 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 stock holders, Marshall and Frederick Field, decided is owned by Televisa. The FCC has no control 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 make contracts with them. SIN (Spanish Inter 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 egun.

The failure of WKBS-TV to compete has been very obvious. It lost the contract to the 76ers becuase is 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 pay Televisa with the money trapped in Mexico 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 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) statistics can be trusted, then KTXH is doing in Arbitron and NSI sources. But if the a good job in the Houston market.

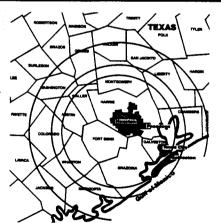
Coverage Map WTWC-TV Tallahassee, Florida

WTWC-TV, channel 40 in Talahassee, 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 weitht 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 stations 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 possibliity 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.

### **CTXH** Television Coverage Map



ADI: 1.342.700 total households TSA: 1,933,600 total households **Houston Market Rank: 11** 

Concord, CA 94524

(415) 676-8969

themarketplace."

Talahassee, the capital city of Florida, is 127th in the ADI television markets (area of dominant influence), and growing: as much as Jim Matthews, manager of WECA-TV, channel 27, as Florida's and there's room for everyone in

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. CDT on June 19.

42% from 1970 to 1980. This growth record is part of the reason the other television

stations in Talahassee were looking forward

there's more competition for ad dollars, but

this market is growing at the same proportion

to another station moving in the area.

said. "Competition is always healthy."

signals become more acceptable. "Sure,

feeling that channel 40 will help UHF TV

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.

First Century Broadcasting

P.O. Box 6498

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

> 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 Chan-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 Broade'g. 54 267 765 GA Augusta; Carolina Christian Broadcasting Company 54 916 1500 GA Augusta: Independent Masters 54 5000 1356 GA Augusta; Orion Broade'g Co. 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 Broade'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. 67 2388 1000 IN Anderson; Indiana Telecasters 21 1000 695 MN Duluth: Stanley G. Emert. Jr. 24 5000 n.c. SC Charleston; Charleston Community TV Ltd. 13 n.c. 1022 TN Memphis; Micon Media, Inc.

TELEVISION NEWS - page 6 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 nel/Ro-Mar Communications Inc. 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 54 4982 1584 GA Augusta; Prime Time Television 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 Kerryville; 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 63 1100 298 IL Galesburg; Powell Broadcasting Company, Inc.; H. Leonard Todd & Gerald K. Fugit. Wilmington, DE; ch. 61; Ebony Broadcasting 48 600 293 MS Natchez; MSLA Broadcasting Inc Corp.; HHL Broadcasting. Inc.; Sixty One Corporation; Wilmington Broadcasting Company; Wilmington Channel 61 Inc.; Wilmington Communications, Inc. 13 n.c. 1829 TN Memphis; River City Broadcas's Fresno, CA; ch. 59; Fresno Family Telev'n. 14 n.c. 1400 WA Walla Walla; Brotherhood Bc'g San Bernadino, CA; ch. 30; New Century Bc'g. Cape Coral, FL; ch. 36; Powell Broadcasting. CONSTRUCTION PERMITS GRANTED Hollywood, FL; ch. 69; Christian Media of 27 274 587 MI Cadillac; Central Mich. Univ. Florida, Inc.; Family Television 69, Inc.; 21 224 340 MI Manistee; Central Mich. Univ. Golden East Broadcasters, Inc. 16 1334 610 MO St. Joseph; St. J. Family Tel. Portland, ME: ch. 51: Greater Portland Tele-25 1400 184 NM Carlsbad; Citizens Rights casting, Inc. 44 5000 1717 TX Waco; Focus Broade'g of Waco 44 5000 1717 TX Waco; Focus Broade'g of Waco 14 1000 1046 WA Walla Walla; Brotherhood Be'g 47 1709 200 WI Madison; Center City Broade'g 38 3120 763 TX Corpus Christi; Coastal Bend Family Taleyision (reversing Alvin, TX; ch. 67; Telemedia Broadcasting Family Television (reversing Parkersburg, WV; ch, 39; Eastern Associated an earlier decision by ALJ)

Services, Inc. Chico, CA; ch. 24; Far West Broadcasting gests a 1.2 mile change, so maybe they're Company, Inc. planning on moving the city also. Anyway. • Kerryville, TX; ch. 35; Commanche Broadthe increase of antenna height should help casting, Inc.: Tierra Del Sol Broadcasting improve reception. Corporation. WCCT-TV, channel 57, Columbia, South Caro-• Fort Walton Beach, FL; ch.35; Hilton Orlina, was granted a construction permit to ganizations. Inc.; Liracle Broadcasting.Ltd. change ERP to 637 kw max. Unofficial data Beaverton, OR; ch. 40: TS-3 Communications case has existing ERP at 1000 kw. which would South Charleston, WV; ch. 11; West Virginmean a reduction in power. No change in the ia Educational Broadcasting Authority. antenna height. • Silver City, NM; ch. 6; Sara Diaz Warren. • KOTI. channel 2. Klamath Falls, Oregon, was • Waco, TX; ch. 44; Latin American Broadgranted a construction permit to relocate its casting Company: Waco Community Media. Inc. tower toMt. Stukel. Klamath Falls, about • Madison, WI; ch. 47; Channel 47. Inc.; 13.18 miles SSE from its present location. Coordinates 42005'48"/121037'57". 2185' AAT/ tvUSA/Madison Ltd. 183' A6/6583' ASL (1034' higher than present). APPLICATIONS TO MODIFY CONSTRUCTION PERMITS ERP to increase from 13.5 kw to 35.5 kw. 8 316 1756 AZ Phoenix; KAET (one reference Still a fairly weak VHF station, but this has this as already on the should bring about significant increase of air. but I have no record of this. Can somebody comment?) signal strength. MAIM-TV, channel 40, Anderson, South Caro-10 125 n.c. MN Thief River Falls; KONY lina, was granted a modification of its con-12 n.c. 2701 OR Medford; KDRV struction permit. I suspect that WAIM-TV is 6 n.c. 907 TX San Angelo; KIDY 55 2000 1442 IL Springfield; WRSP-TV(amended) still operating on the same power as before the original construction permit. so I will 54 741 1021 MI Muskegon: WMKT use that in comparison. Antenna is to be CONSTRUCTION PERMIT MODIFICATION GRANTED relocated to the intersection of County Roads 32 2290 1010 FL New Orleans: WLAE-TV 418 and 50 in Williamston, about 17.51 miles 14 5000 996 CO Boulder: KTVJ ENE from present site. 1474'AAT/1459'AG/2299' 16 718 482 FL Key West; WTKW ASL (1132 higher). ERP from 157.6 kw max/110 39 5000 821 TN Murfreesboro: WFYZ kw hor. to 2259 kw max. Look for significant 12 n.c. 1397 ND Pembina; KWBA increase in signal strength. 43 156 600 SC Myrtle Beach; WGSE • KOBI, channel 5, Medford, Oregon, was granted a construction permit to change to 60.3 kw APPLICATIONS TO CHANGE EXISTING FACILITIES max. visual (from 60 kw visual); TL to another 13 n.c. 1131 ND Minot; KXMC-TV spot still on King Mountain, about 28 miles 22 1550 n.c. NM Las Cruces: KRWG-TV morthwest of Medford, and only 0.35 mile south 42 1423 456 NC Charlotte; WTVI of the existing site, 2700' AAT/128' AG/ 5391' 61 4613 974 TN Chattanooga; WDSI-TV ASL (fourteen feet lower). Don't expect any 7 316 1030 TX Tyler; KLTV change here. 57 1000 1051 OH Lima: WBGU (amended) KXIX, channel 19, Victoria, Texas, granted CHANGES IN EXISTING FACILITIES GRANTED construction permit to increase power from • KTVO, channel 3, Ottumwa (Iowa)-Kirksville 14.8 kw to 153.2 kw max. No change in trans-(Missouri), was finally given a construction mitter site or antenna height. Expect permit to change its transmitter location improvement in signal. after three years of struggle. As it stands, | KTSP-TV, channel 10, Phoenix, Arizona, was the transmitter is about 33 miles from given construction permit to change to circu-Ottumwa, which is covered with less than lar polarization (316 kw max/292 kw hor; fora Grade A signal as it is. There is conmerly 316 kw ERP); 307' boost in antenna flicting data as to the proposed site. The height (1700' AAT/264' AG/2905' ASL). which coordinates (40°13'39"/92°01'05.5") put it should increase coverage area. about 55 miles SSE from Ottumwa and 30 miles | WHKY-TV, channel 14, Hickory, North Carolina, east of Kirksville. But the transmitter is had been given a construction permit some time; described as 1.9 mile North of Kirksville on ago to increase ERP from 8.91 kw to 656.1 kw. Hwy 63, which would be possible of the The FCC granted WHKY-TV a PTA (Program test longitude were 92031'05.5" instead. Either authorization) on 7/29/83 to begin operation way. Ottumwa will suffer from a weaker with 656.1 kw ERP. Should be a very notable signal, especially with a reduced ERP (from increase in signal strength. higher (1973' AAT/2000' AG/2740' ASL; previ- CALL LETTER APPLICATIONS: NEW STATIONS STATE/CITY/APPLICANT ous HAAT was10821).

KXII, channel 12, Ardmore, Oklahoma; 36 WDMA-TV OH Toledo; Toledo Telecasting 30 WCAY-TV TN Nashville; Television Corp. of granted construction permit to increase ERP Tennessee from 214 kw to 222 kw. Antenna will be DE Wilmington: Delaware Valley

Broadcasters

30 KOOG-TV UT Ogden; Ogden Television

30 KDAV

ME Portland; Comark Television

IA Davenport; Multi-Metro Communic.

TELEVISION NEWS - page 8	SEPTEMBER, 1983
CALL LETTER APPLICATIONS: CHANGE EXISTING 4 KCNC-TV CO Denver; KOA-TV	1140' AAT/1146 AG/1526' ASL; coordinates 32°27'49"/84°52'37"; TL to Buena Vista Road,
3 KOAB-TV OR Bend; KVDO-TV	about 0.2 mile west of intersection with Moye
	Road. Address: Columbus Family Television,
CALL LETTERS ASSIGNED: NEW STATIONS	Box 12188, Columbus, GA, 31907. Independent
14 WJPT IL Jacksonville; West Central	station.
Illinois Educational Telecom-	
munications Corporation.	with reference to KFCB, ch. 42 in Concord,
49 WJJA WI Racine; Racine Telecasting Co.	California: I found out that they were given
64 WART PR Naranjito; Art Broadcasting	a modification of their original construction
29 KHFT NM Hobbs; Hobbs Family Television	permit last summer. ERP should be 1288 kw Max.
19 WOIO OH Shaker Heights; Channel 19, Inc	ERP/719.5 kw Hor. antenna height should be
49 KLTJ TX Irving; Cela, Inc.	2807' AAT/140' AG/3628' ASL. Other data
	should be unchanged.
38 WEFC VA Roanoke; Vine & Branch, Inc.	<del></del>
68 KDDE CA Los Angeles; Black Television	STATION TEMPORARILY OFF THE AIR:
Workshop of Los Angeles	KZLN, channel 60, Harlingen, Texas.
66 WSQY-TV NC Forest City; Forest City Tele-	CONCOL T DATED SEPARTINGS
vision, Inc.	CONSOLIDATED HEARINGS
58 WUJA PR Caguas; Community Television	Chicago, Illinois; channel 44; Video 44 (for renewal of license for WSNS-TV); Monroe Commu-
of Caguas	
46 WCNT PR Cidra; Caribbean Broadcasters	nications Corporation.
	Arcata, California; channel 23; The Mad
CALL LETTERS ASSIGNED: CHANGE EXISTING	River Broadcasting Company; Women's Broadcast-
47 WNFT FL Jacksonville; WXAO-TV	ing of Arcata; Pentreed, Ltd.
12 KWCH-TV KS Hutchinson; KTVH	• Scranton, Pennsylvania; channel 64; Local
40 WAXA SC Anderson; WAIM-TV	Majority Television; George E. Gunter;
61 WDSI-TV TN Chattanooga; WRIP-TV	Comenter Parily Malandaian Ital
26 KINT-TV TX El Paso; KEHB-TV	Scranton Family Television, Ltd.
ISO WDDG-TV IN Indianar-14- Uctor	Texarkana, TX; channel 17; Floyd Bell;
59 WPDS-TV IN Indianapolis; WSMK	Powell Broadcasting Company.
24 WNPB-TV WV Morgantown; WWVU	Bloomington, Indiana; channel 63; George E.
2 KNDX ND Dickinson; KDIX-TV	Gunter; Hoosier Tele-Media Partnership; Chan-
CHANGES IN STATION IDENTIFICATION GRANTED	nel 63, Inc.; Bloomington 63 Ltd.
	Johnstown, Pennsylvania; channel 8 (short-
WMOD, channel 43, Melbourne, Florida, to	spaced VHF drop-in assignment); Laurel Tele-
identify as Melbourne-Orlando.	vision, Inc.; Group for the Advancement of
WNHT, channel 21, Concord, New Hampshire,	
to identify as Concord-Manchester.	Television Service, Inc.; Johnstown Family
WNIN, channel 9, Evansville, Indiana, to	Television, Ltd.; Johnstown Television Company,
identify as Evansville (IN)-Henderson-	Inc. Each applicant indicated equivalent pro-
Owensboro (KY).	tection to WGAL-TV (Lancaster, Pennsylvania)
CUANCIDO TA MUIT MADUTA OR CHANDITE ACCIONOMICO	and WJKW-TV (Cleveland, Ohio).
CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS	Brunswick, Georgia; channel 21; Golden East
Bellevue, WA: add 33+	Broadcasters, Inc.; COR Communications, Ltd.;
Spokane, WA: add 34-	CNM, Inc.
Dillingham, AK: add *2z	● Watertown, New York; channel 50; Intercounty
Anchorage, AK: add 5z	Communications Corporation; Women's Broadcast-
Redwood Falls, MN: add 43z	ing of Watertown.
Jacksonville, TX: add 56z	Shreveport, Louisiana; channel 33; Media
Paris. TX: add 36+, 42+	South Broadcasting Corporation; Great Central
Paris, TX: add 36+, 42+ Paris (TX)-Hugo (OK): delete 42+	Communications Company; Ware Communications,
	Inc. (formerly Seattle Community Television
STATIONS ON THE AIR	
KIRT, channel 16, Little Rock, Arkansas,	Network); Shreveport Metro Communications 33.
began operation on June 26, 1983, 2378 kw	Ltd.; Great Southern TV Broadcasting (formerly
FRP: 1772   AAT/1266   AG/2220   ASL: COOFGI-	Drew and Kemmerly; proposes Bossier City as
notes 3/0/7/57#/92029/29#: TL to Shinall	community of license); Godfrey and Associates;
Normatoin 2 miles west of Little Rocks	
Mountain, 3 miles west of Little Rock; Address: LRTV Ltd., 11711 W. Markham, Little	• Honolulu, Hawaii; channel 5; Family Media,
Don't in 72211 Main 417 menhable he on	Inc.; Channel 5 Broadcasting Associates; Abell
Rock, AR, 72211. This will probably be an	Communications Corporation; Polynesian Servi-
independent station, since Little Rock is	ces Corporation; Ka'ikena Lani TV Corporation;
already covered by the three networks.	
● KLPA-TV, channel 25, Alexandria, Louisiana	Media Central, Inc.; TV 5 of Honolulu (Down to
went on the air July 1, 1983. 2040 kw Max. ERP/692 kw Hor.; 1360' AAT/1325' AG/1519'	Earth, Inc.); Pacific Rim Broadcasting Company;
ERP/692 kw Hor.; 1360' AAT/1325' AG/1519'	Frederick B. Livingston; Hana Hou Communica-
ASL; coordinates 31°33'56"/92°32'50"; TL to	tions Corporation. KIKU-TV, channel 13, raised
0.6 mile SSE of Route 123, 1.3 miles west of	an informal petition, protesting that economic
Route 167, near Dry Prong. Address: Louisi-	
PROPERTY OF A LEGAL THE VERTICAL PROPERTY CONTROL	CONGILITIONS IN NOMOTITE CORTE NOT SUPPORT
	conditions in Honolulu could not support
ana ETV Authority, 2618 Wooddale Blvd.,	another television station. Also, one of the
ana ETV Authority, 2618 Wooddale Blvd., Baton Rouge, Louisiana, 70805. Educational	another television station. Also, one of the applicants brought up the fact that, according
ana ETV Authority, 2618 Wooddale Blvd., Baton Rouge, Louisiana, 70805. Educational station.	another television station. Also, one of the applicants brought up the fact that, according to the 1980 Census, the legal boundary of
ana ETV Authority, 2618 Wooddale Blvd., Baton Rouge, Louisiana, 70805. Educational station.	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.
ana ETV Authority, 2618 Wooddale Blvd., Baton Rouge, Louisiana, 70805. Educational Station.	another television station. Also, one of the applicants brought up the fact that, according to the 1980 Census, the legal boundary of Homolulu covers the entire island of Oahu. Having to cover the entire island with a city
ana ETV Authority, 2618 Wooddale Blvd., Baton Rouge, Louisiana, 70805. Educational	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.

1777' AAT/1694'AG/2584' ASL, an increase of

described as 5 miles SSW of Madill, whereas present site is 3.8 miles SSW. That sug-

which puts the proposed site 0.60 mile south 51 WHSI

7561. Coordinates 34001158"/96048100".

of present transmitter. Location is

way out somewhere is JAWS 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 converning city-grade contour might

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

I caught this article in USA Today, Werner Herzog, 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 becuase 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 Norvell 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 stations. Because of that preference, Rock 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 (FRN) 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 WOT 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 Worchester 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 deaks with economics. WISC-TV in Madison is trying to gain viewers from Rock County, who seem to be favoring Rockford, Illinois, television 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 is 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.

221 Pinewood Road Baltimore, MD 21222

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	WOCY	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
	WHAV	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. Garabebian, 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.
	WBAI	99.5	New York, David Metzger, Pub. Affrs. Dir.
	WWHB	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		Providence, Dana Puopolo, CE
	WWON		Woonsocket, Ron DesLauries, CE
VT	WVPR	89.5	Windsor, Jerome A. Erickson, CE
VA	The second second		Hampton, J. Ernest Warinner, CE
	WNOR	98.7	Norfolk, Ron Reger, Op. Mgr
MD		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	WRGI.	90.3	Fort Usuno Ismas Cobustabase CU







Thomas J. Yingling, ir.

This month main reporter was Ernest Cooper of Provincetown, MA. I saw him at this years' convention in Dunkirk, NY & he gave me this report. Although I would of like to have an address with report to OSL 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 bumber-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 bumber-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 5 came back with Return to Sender, Undeliverable as Addressed, Unable to Forward. Well 73's for now.