

# From The Staff :

WTFDA Headquarters, P.O. Box 97, Calumet City, IL 60409

MEMBERSHIP LIST IN THIS ISSUE...In the center of this month's VUD, you'll find our annual WTFDA Membership list section. Our thanks to John Zondlo for putting together this special feature. With all his other duties for the club, we appreciate the extra effort.

STATE OF THE CLUB...This annual report to the club begins on the next page. We urge you to read it, and we ask for your input. We need your comments suggesting how the operation of the club can improve, and we welcome any and all criticism at the address above. Can you offer your services to the club? If so, we'd like to hear from you. If you'd like to see a certain VHF/UHF topic covered in the VUD, please write.

PHOTO NEWS...We expect this popular VUD feature to return in a month or two. Please bear with us. Those DXers who have photos to submit should remember that we can only use black-and-white snapshots. We'd like to see pictures of antenna set-ups, as well as just TV DX photos. Make sure the photo you send in is of good contrast, and not much smaller than 3 1/2" by 5"--and be sure to indicate whether or not you want the photo back.

UNEXPECTEDLY GOOD DECEMBER SKIP...If you were in on any of December's skip, congratulations. We've had word of a few good E-skip openings, and at least one mid-month day may make it into DX history as a day when both E-skip and F2 skip could be logged on TV in the Northeastern U.S. December 12 was wild, with many in the Northeast observing transAtlantic co-channel interference lines on U.S. ch 2. During that morning, Irish TV signals could be viewed on U.S. sets in many east coast locations, and they played havoc with some cable TV systems that happened to have headend antennas pointed in the direction of the British Isles. Later that afternoon, a fairly good E-skip opening took place in much of the mid-section of North America, and a few DXers were left guessing where the F2 skip left off and the E-skip started!

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# STATE OF THE CLUB

1981 was a mixed bag for WTFDA. Highlights included the publishing of the long-awaited 2nd edition of the TV Station Guide, a new (7th) edition of the FM Atlas by Bruce Elving, and a very successful convention in OKC. On a negative note, membership saw a drastic decline and internal problems cropped up at headquarters.

Sales are starting to pick up on the TVSG, issued in the fall. Member orders have remained good, but large orders are only now starting to appear (from publishers, book dealers, etc.). Information purchased from TV Factbook, along with updates by Morrie Goldman, made the Guide highly accurate as of publication. With continued good sales, we should reach our goal of publishing a third edition in 1983.

Those who had advance orders in for the new FM Atlas should have received it by now. As usual, Bruce has done an excellent job in providing the most complete information available on FM stations in North America.

31 persons attended 1981 WTFDA Convention in Oklahoma City. The event was highlighted by 8 station tours, seminars covering a wide range of subjects, Joe Gragg's excellent after-dinner technical session Saturday evening, and a most productive club business meeting.

Printing of the VUD was moved to the Big Red Q of Lansing IL, with subsequent improvements in speed and quality of printing. However, facing a printing increase at the beginning of the year, plus a postage increase, dues were raised October 1 to \$15 per year for domestic members and \$24 for foreign members. Dues now adequately cover the costs of the VUD, so no further increase should be necessary for quite a while.

Other positive aspects of the year 1981 include the return of Bill Draeb as Eastern TV DX editor, and the assignment of Bill Fahber to FCC TV News. His column is now every bit the TV equal of FCC FM News. A new renewal reminder card was developed, which includes prices for the TVSG, FM Atlas and the Translator Guide. It's been highly successful in generating orders.

The Board turned down a proposal to move printing operations to the Baltimore area. Not enough support from local members was generated, and the printer who submitted the proposal to do the work failed to reply to questions about his policies.

The negative side of the picture saw membership drop from 362 at the end of 1980 to 312 at the end of '81. The most commonly cited factor is the economy, with many saying they had other priorities for their money. This is parallel to what other clubs are experiencing, with many cutting down on the number of clubs to which they belong. Other reasons for dropping included lack of interest in the hobby and lack of technical articles in the VUD. The latter could easily be solved by our more technically inclined members contributing such articles.

A busy schedule at work contributed to the VUD coming out late for many months. Such was also the case for HQ members Mike Hogan and John Zondlo, who have fallen behind in getting club mail out. Steps are being taken to rectify the problem. Communications problems have also arisen with publishing the VUD, with certain issues sitting around for several days after printing waiting for mail processing. These problems will also be resolved in 1982.

No IRCA/NRC mailing was made in 1981, due to tight club finances around the time of the printing of the new TVSG. A mailing to former members was made, with meager results. We received great publicity from an article in Video magazine, but have not gotten many members as a result of it. We also bid adieu to Pat Dyer as editor of VHF Utility DX. Many thanks go to Pat for his years of outstanding service to the club. (continued on p. 30)



# MAILBOX

John Zondlo  
1308 SW 74th, Apt. 421  
Oklahoma City, OK 73159  
(405) 681-5991  
Deadline: 5th

### New Members:

John Coker	133 Vonachen Court	E. Peoria, IL 61611
Tom Copeland	105 Barber St.	Greenfield, MO 65661
Harold Hawkins	218 Boston Post Road	Port Chester, NY 10573
AR Vince Perlingi II	USF Forrestal (CV59), Div. VI	FPO Miami, FL 34080
Richard Prelinger	P.O. Box 368, Canal St. Station	New York, NY 10013
William Swiger	Route 1, Box 142A	Bridgeport, WV 26330
Ron Taylor		Gunton, MD ROC 110
Hilda Wilson	1206 Walnut	Long Beach, CA 90813

### Renewals:

John Baumgarten, Steve Chudoff, Bill Fahber, Robert Fischer, Harry Flockhart, Jr., Robert Foxworth, Charles George, Roger Gravelle, Richard Hawkins, Frank Luman, Deane McIntyre, Dave Pomeroy, Lee Prescott, Dr. Joel Rosenberg, Roger Sabella, Richard Stein, John Stoffel, David Wurl.

### Rejoins:

Richard C. Evans-Box 1294-N. Wales, PA 19454  
Doug McAbee-8122 S. State Road-Goodrich, MI 48438

### Address Changes:

Mario Aliaga-Guido 271-Huancayo, PERU  
Bob Coomler-207 E. 45th Place-Kennewick, WA 99336  
Doug Dornbos-P.O. Box 1288-Traverse City, MI 49684  
Mike Hardester-P.O. Box 1565-San Marcos, CA 92069  
David Janowiak-4900 W. Cold Spring Road, Apt. 17-Greenfield, WI 53220  
Neil Kazaross-518 E. Grand Ave.-El Segundo, CA 90245  
Les Price-219 S. Kerr, Lot 4-Wilmington, NC 28403  
David Walcutt-RFE RL, Inc., Engineering Dept.-1775 Broadway-New York, NY  
Roger Winsor-P.O. Box 536-Portage, IN 46368 /10019  
John Zondlo-1308 SW 74th, Apt. 421-Oklahoma City, OK 73159

### Renewals Due in February:

James Brown, Jr., John Buehler, James Carlisle, Robert Cooper, Richard Eckman, William Hepburn, William Higgs, Frank Hostetler, Sol Kuperman, Harold Lane, Jr., Kent Macklin, Michael McNeely, Frank Merrill, Scott Parker, John Ramsey, John Ridge, Rick Samford, Ken Simon, Lexington Smith, Morris Sorensen, Verrell Tallet, James J. Wallace, Ernie Wesolowski, Frank Wheeler, Randy Wickham, John Zeis.

This month, we'll let our first new member, VINCENT PERLINGI II introduce himself, "After getting pressure from a friend of mine who is a member, I have finally decided to ask for membership myself. Both my friend and I belong to a group called TOWEF-EMFO. The part of our group which is the DX is EMFO. Here we spend most of the spring and summer on the FM looking for some good tropo. The fall and winter are mainly for AM and SW DX. My friend is well into E-skip, but I do not have the patience for skip. Since last May I have been in the Navy and now I am stationed on an aircraft carrier. My time for DX is limited to leave or liberty time, but I do manage to keep up on EMFO and I do receive and send DX reports to my friend who is running the organization. Both him and I use a Panasonic RF-2600, with the exception being my friend has an exterior Realistic FM antenna. We both live in Broomall PA, a suburb of Philadelphia, but since his house is higher than mine (because he lives on a hill and I live in a valley) his DX is 100% better than mine." Vincent's friend, by the way, is Dan Oetting.

Next up is RON TAYLOR, who writes, "TV-FM equipment is just about non-existent, except for satellite reception. My experiments have only been in designing large VHF-FM antennas at home. My success has been limited due to the fact I have exhausted all my information sources." I'm sure the members would like to hear about the results of your antenna building efforts, Ron.

See y'all next month.....73.....jz



# TV NEWS

Bill Fahber  
336 Atlantic St.  
Bridgeton, NJ 08302

### APPLICATIONS FOR NEW STATIONS

ch ERP	HAAT	city/state/applicant
28 186	482	Cookerville, TN; Joseph Patrick Williams
51 502	529	Pittsfield, MA; Berkshire Telev.
40 5000	1780	Portland, OR; Cascade Video Ltd.
62 4508	552	Middletown, MA; Metrovision, Inc.
62 2805	812	Salem, MA; Seacoast Bc'g., Inc.
23 1542	1619	Kingston, NY; Ulster County Communications Corporation
36 984	365	Bayamon, PR; Church Faith is the Viscory
30 745	678	Rock Hill, SC; Your County Television Corporation
62 5000	1047	Hammond, In.; Northwest Indiana Television, Inc.
24 26.3	146	Danville, VA; Apogee, Inc.

### Call Letters Granted: New Stations

45 KGPC	Lawton, OK; Great Plains County Television Broadcasting Corp.
20 KEQO	Enid, OK; Red Carpet Country Television Broadcasting Corp.

### Call Letters Granted: Change Existing

2 KGAN-TV	Cedar Rapids, IA; WMT-TV
4 WSMV	Nashville, TN; WSM-TV

### STV APPLICATIONS

61 Wilmington, DE;	Ebony Broadcasting Corp.
17 Grand Rapids, MI;	WHMA-TV
55 Akron, OH;	Ebony Broadcasting Corp.

### STV GRANTS

50 Washington, DC;	WCQR (effective 10/30/81)
69 Atlanta, GA;	WVEU (effective 11/5/81)

### CONSTRUCTION PERMITS GRANTED

54 11.8	-219	Arecibo, PR; Arecibo Video Corp.
59 18	200	Laurel Hill, N.C.; Fifty Nine Plus Telecasters
55 716	678	Rock Hill, SC; York County Television Corp.
32 2455	1020	New Orleans, LA; Educational Broadcasting Foundation, Inc.

(I suspect these two are mistakes, as they appear elsewhere in more reliable references)

### STV APPLICATION DISMISSED

24 Portland, OR;	National Subscription Television of Portland, Inc.
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### STATIONS ON THE AIR

35 KCBA	Salinas, CA (schedules 11/1/81)
21 WPMJ-TV	Youngstown, OH (8/10/81)

### CHANGE IN TABLE OF ASSIGNMENTS

Kerryville, TX; add 35+

### REPORTS FROM CLUB MEMBERS

Ken Simon confirms that NTSC color is used in Cuba, and says that Ron Schantz and Glenn Hauser got to watch CBTP's during a temporary stop at Havana's airport (Was that one of those unscheduled temporary stops you read about in the newspapers?-wbf). Robert Grant corrects his misstatement about Cuban TV, which I hastily quoted last month. What he meant to say was that the CHANNELS were 6 mHz wide and the audio-video separation was 4.5 mHz apart. It seems that everybody is logging NTSC color and normal channel spacings from Cuba, so let's forget what the books say. They must be suffering from lack of cooperation from the Cuban government. I'm sorry I ever brought the issue up. Bob also reports that CICO in Canada is using teletext (must be Telidon.). He also says that WXYZ, ch. 7 in Detroit is using closed captioning while displaying 3/4 CBTP; he suspects a decoder might display "beeeep" across the screen (but did it vary in pitch?-wbf). Jim Pizzi says that KJAA-TV, ch. 34 in Lubbock, TX, is expected to return to the air on Thanksgiving, 1981. A news article he sent quotes owner Raymond Moran as saying that they won't be broadcasting anything offensive to any members of the family. Programs will consist of variety programs, sitcoms, game shows, and movies. Bill Draeb reports seeing the Iron Mountain, Michigan translators on 10/31/81, but that night the WYAH translator (W64AR) was on ch. 61.

### APPLICATIONS DISMISSED BY FCC

\*DeKalb, IL; ch. 48; Northern Illinois Public Telecommunications Corporation  
\*Denver, CO; American Television & Communications Corporation; ch. 20  
\*Portland, ME; Crosby Family Telecasters; ch. 51

### APPLICATIONS RETURNED BY FCC

\*Greenwood, SC; ch. 48; Metro Communications South, Inc.  
\*Laurel Hill, NC; ch. 59; Fifty Nine Plus  
\*Rock Hill, SC; ch. 55; York County TV Corp.

### Application to Change Existing Facilities

19 1270 n.c. Norfolk, NE; KXNE-TV

### Facilities Changes Granted by FCC

2 28.2	n.c.	Fairbanks, AK; KTUU-TV
9 316	1601	El Centro, CA; KECC-TV
7 316	n.c.	Omaha, NE; KETV
26 695		Houston, TX; aux.ant.4 mi. SE/o Missouri City
21 3720		Youngstown, OH; WPMJ-TV
8 316	1450	San Angelo, TX; KCTV (beg.10/23; TL 3.3mi SE/o Boia)
13 302	2040	Lynchburg-Roanoka, VA; WSET-TV

### Call Letter Applications: New Stations

25 KAVU-TV	Victoria, TX; Community Broadcasting of Coastal Bend, Inc.
16 KMTR-TV	Eugene, OR; KMTR-TV, Inc.
32 WLAE-TV	New Orleans, LA; Educational Broadcasting Foundation, Inc.
30 WLBM-TV	Meridian, MS; TV-3, Inc.

**CLUB MEMBERS (CONTINUED)**  
 Since then it has been on 64. Bill also notes that W75AJ in Fond Du Lac may be off the air. He also reports seeing KTVF, ch. 29 on 11/10/81 with ABC programs. Leslie Price sent in a clipping about WWAY, ch. 3 in Wilmington, N.C., the station that lost the war with the Air National Guard. A 2000-foot tower costing five million dollars is being built 15 miles SW of Wilmington, and is expected to be completed in June, 1982.

**RETROSPECT**

**PART ONE:**

**WHAT REALLY HAPPENED TO CHANNEL ONE?**

The absence of channel one is a result of one of many changes which have been made in the frequency spectrum allocated to television by the FCC. It is only the most noticeable because of the conspicuous missing number on the TV receiver.

The first television station in the USA, presently WNBC, channel 4 in New York City, previously WNBT, started out in July, 1928 as experimental television station W2XBS, using 60 lines per frame and 20 frames per second, using a 100 kHz wide channel at 2.0 to 2.1 mHz. In 1929 the FCC opened up 2.0 to 2.3 mHz, and 2.75 to 2.95 mHz, a total of five channels, to accommodate more experimental stations. Although still reserved for other services, experimental stations were permitted to use these frequencies.

When wider channels were needed, the FCC made 43-46 mHz, 48.5-50.3 mHz, and 60-80 mHz available in 1931. By 1934 the FCC opened up the remainder of 42-56 mHz and 60-86 mHz. The original 2.0-2.1 mHz was dropped in 1936.

1937 saw the beginning of our present 6 mHz wide channels. Channel one was on 44-50 mHz, separated from channel two by the 6-meter amateur radio band. Channels 2-4 were established at 54-72 mHz, followed by the 4-meter amateur band. Channels 5-6 were established at 76-88 mHz, and channels 7-13 at 174-216 mHz. VHF channels 14-19 reached up to 294 mHz.

Land-Mobile services, originally using much of the television bands, were restricted to channel one so as not to interfere with the stations filling up the other channels. Applicants for new television stations likewise avoided channel one because of Land-Mobile interference. Channel one was reallocated back to Land-Mobile in 1947. Channels 14-19 were also dropped.

In 1949, the FCC authorized RCA/NBC to experiment with UHF television on 529-535 mHz (approximately the same as today's channel 25, and KC2XAK was established in Bridgeport, CT. KC2XAK began transmitting in January, 1950, rebroadcasting WNBT. In September, 1950, RCA/NBC submitted a very discouraging report on UHF to the FCC, expounding on numerous disadvantages with UHF. In 1952, after a 34-year freeze on television applications, the FCC opened up

the UHF band to alleviate the congestion developing on the VHF band. 470-890 mHz became channels 14-83. Channel 37 was later taken away from television and reserved for radio astronomy. In 1970, channels 70-83 were removed from the television band and returned to fixed-mobile radio. There were no broadcast stations in the United States on these channels, but several translators still operating on these frequencies were permitted to operate. Some of them still exist today. Canada is presently modifying its channel allotment plan to remove assignments on the upper channels, and plans to eventually change broadcast stations on those channels to lower channels.

Channel 37, while presently used for radio astronomy, is not as yet permanently assigned there, but could be up for discussion at a later date and returned to television. It is my suspicion that as long as television receivers are manufactured with the potential for receiving up to channel 83, there still remains a potential for those channels to be returned to television after the new wave of low power television stations begins to fill up available space. Ultimately, with the prospect of HDTV (High Definition Television), many channels will open up in the GHz spectrum with signals being beamed from satellites. Remember, you heard it here first!

**NEXT MONTH: RETROSPECT, PART TWO: THE BIG FREEZE:** How tropospheric propagation brought the booming television industry to a standstill; five hurdles the FCC had to overcome before the freeze could be lifted; the Color TV standard battle.

**SOAPBOX:**

**LET'S GET TELETEXT!**

The FCC is under pressure to establish a standard teletext system for the United States. Great Britain has PRESTEL (also referred to as CEEFAX); France has ANTOIPE; Canada has TELIDON. Two standards have been submitted to the FCC: PRESTEL, and a modified version of ANTOIPE with TELIDON refinements, called NABTS (North American Broadcast Teletext Specification). PRESTEL is a simpler, less expensive system, and more readily accessible to families of moderate income. It can display letters on the screen, but not graphics. NABTS, as with ANTOIPE and TELIDON, is capable of letters and graphics, and higher resolution, but it is much more costly. But it is compatible with TELIDON.

Which would you choose? To learn more about the various systems, their differences and how they work, try to get the 11/81, 12/81, and 1/82 issues of Radio-Electronics.

**LATE NEWS:** AT&T announced that it is developing software terminals that can fit several videotext standards at the request of the U.S. State Department.

**NEXT MONTH: MORE TRANSLATORS; MORE FROM CANADA. PART TWO OF METEOR SCATTER IN MARCH.**

**LATE NEWS:** WRBV-65 in NJ suffering financially, may go off; WAAT-40 seems to have increased power late in November.

**CANADIAN TELEVISION NOTES:**

**NEW TELEVISION STATIONS**

ch	kWERP	net	city/province/primary
18	6.0	CTV	Grouard Mission, Alta.; CFRN (3)
34	0.619	SPC	Medicine Hat, Alta.; CBXFT (11)
4	0.320	CTV	Slave Lake, Alta.; CFRN (3)
11	1.200	CTV	Campbell River, B.C.; CHEK (6)
31	0.100	CBC	Maderra Park, B.C.; CBUT (2)
17	0.100	CBC	New Denver, B.C.; CBUT (2)
4	0.041	CBC	Pemberton, B.C.; CBUT (2)
15	0.100	CBC	Phoenix, B.C.; CBUT (2)
19	0.100	CBC	Sechelt, B.C.; CBUT (2)
13	0.107	CBC	Whistler, B.C.; CBUT (2)
21	1337	ind	Whistler, B.C.; CKVU (21)
23	19.30	CTV	Wilson Creek, B.C.; CHAN (8)
9	0.230	CBC	Little Grand Rapids, Man.; CBWT (6)
11	31.80	CBC	McCreary, Man.; CBX (5)
32	21.50	SRC	Oak Lake, Man.; CBWFT (3)
29	25.00	CBC	Piney, Man.; CBWT (6)
13	0.153	CBC	Hampden, Nfld.; CBNT (8)
9z	0.103	CBC	Rose Blanche, Nfld.; CBYT (5)
4z	0.122	CBC	Trepassey, Nfld.; CBNT (8)
8	0.730	CBC	Inverness/Skye Glen, N.S. CBIT (5)
15-	6.400	SRC	New Glasgow, N.S. CBAFT (11)
55z	5.500	CBC	Truro, N.S.; CBHT (3)
19	2.900	CBC	Barry's Bay, Ont.; CBOT (4)
15	10.00	SRC	Fort Frances, Ont.; CBWFT (3)
5	8.371	CBC	Hearst, Ont.; CFCL (6)
51	1.277	CBC	Maynooth, Ont.; CBOT (4)
33	1.429	CBC	McArthur Mills, Ont.; CBOT (4)
26	2.300	SRC	Nipigon, Ont.; CBLFT (25)
4	0.258	CBC	St. Edward/St. Louis, PEI; CBCT (13)
9	0.100	"	" " " " CBAFT (11)
32	4.000	CBC	Alma, Que.; CBMT (6)
12	62.00	RQ	Baie Trinite, Que.; CIVM (17)
6	0.098	SRC	Longue-Point de Mignan, Que.; CBGAT (6)
5	0.024	CBC	Matagami, Que.; CBMT (6)
16	3.000	SRC	Mt. St. Michel, Que.; CBFT (2)
22	1472	RQ	Rimouski, Que.; CIVM (17)
5	23.00	TVA	St. Anne des Monts, Que. CFER (11)
9	62.00	RQ	Sept Iles, Que. CIVM (17)
14-	1318	RQ	Sherbrooke, Que. CIVM (17)
45	1188	RQ	Trois Rivieres, Que. CIVM (17)
31	10.70	SRC	Leoville, Sask. CBWFT (3)
41	10.00	SRC	North Battleford, Sask. CBWPT

(power changes, continued)

4	0.479	New Glasgow, N.S.; CBHT-5
7	2.800	Atikokan, Ont.; CBWCT-1
59	34.300	Chatham, Ont.; CICO-59
5	50.500	Fort Frances, Ont.; CBWET
18	34.900	London, Ont.; CICO-18
9	32.100	Thunder Bay, Ont.; CICO-9
16	5.300	Wawa, Ont.; CBLFT-23
9	182.00	Windsor, Ont.; CBNT
8	150.00	Wingham, Ont.; CKNX
30	712.90	Hull, Que.; CIVO
40	285.00	Hull, Que.; CHOT
11	1.600	Mont Tremblant, Que.; CBFT-1
50	11.000	Sherbrooke, Que.; CBMT-3
-	0.400	Pelican Narrows, Sask.; CBWBT-3
5	15.000	Yorkton, Sask.; CKOS (change from directional to omnidirectional)
-	0.400	Fort Providence, NWT; CBEET-3
-	48.600	Halifax, N.S.; CBHFT

**CHANNEL CHANGES**

ch	city/province/station/	existing channel
8	Cranbrook, B.C.; CFNC-9;	(13z)
31	Greenwood, B.C.; CBUT-31;	(13)
13	Fort Providence, NWT;	CBEET-3; (9)
32z	Halifax, NS;	CBHFT; (13z)
10	Mabou, NS;	CBIT-4; (3)
13	Trois Pistoles, Que.;	CIMT-2; (8)
5	Pelican Narrows, Sask.;	CBWFT-3; (6)

**APPLICATIONS FOR NEW STATIONS**

ch	kWERP	Primary Net	City/province
2	99.000	CKND	ind Minnedosa, Man.
13	289.00	CKND	ind Portage La Prairie, Ma.
9	0.416	CBNT	CBC Sunnyside, Nfld.
13	0.058	CJCH-TV-1	CTV Bridgetown, N.S.
29	0.2239	CBOT	CBC Golden Lake, Ont.
64	60.000	CICA	TVO North Bay, Ont.
12	62.000	CICA	TVO Owen Sound, Ont.
20	12.500	CKNX	Owen Sound, Ont.
7-	84.400	CICA	TVO Timmons, Ont.
27	16.800	CHNX	Tobermory, Ont.
4	0.105	CBCT	CBC Elmira, PEI
11	0.462	CBCT	CBC Elmira, PEI
4	0.0435	(SRC Anik)	Ferment, Que.

**APPLICATIONS FOR POWER CHANGE**

ch.	station	power	city/province
58	CBHT-6	3.140	Digby, N.S.
52	CBHT-7	3.140	Digby, N.S.
22	CKGN-1	1602.0	Cottam, Ont.
31	CBAFT-5	100.00	Charlottetown, PEI
8	CBCS-1	10.900	Meadow Lake, Sask.
9	CBKST-1	163.00	Stanraer, Sask.

**DELETIONS**

(all British Columbia)  
 CKMY-TV-1, ch. 7, Midway  
 CFUC-TV-14, ch. 8, Valemont  
 CBUFF-7, ch. 52, Vedder Crossing  
 CBUT-24, ch. 69, Vedder Crossing

**POWER CHANGES**

(power is in kilowatts)

ch	ERVis	city/province/station
19	2.700	Grand Prairie, Alta.; CBXFT-8
13	57.000	Lethbridge, Alta.; CFNC-5
7	167.00	Lethbridge, Alta.; CFAC-7
4	130.00	Lloydminster, Alta.; CITL
6	30.000	Medicine Hat, Alta.; CHAT
2	4.600	Prince George, B.C.; CKPG
12	130.0	Upsalquitch, N.B.; CKAM-1
10	1.708	Cornerbrook, Nfld.; CJWN
12	11.000	Placentia, Nfld.; CBNT-2
9	0.468	St. Albans, Nfld.; CBNT-4

4	CKYP-TV	Brandon, Man.
9	CBWZT	Little Grand Rapids, Man.
9	CHST-TV	Strathcona Sound, Man.
13	CBIT-17	Bay St. Lawrence, N.S.
5	CBIT-13	Blue Mountain, N.S.
2	CBIT-15	Ingonish, N.S.
8	CBHT-6	Middleton, N.S.
3	CJCB-TV-6	Port Hawkesbury, NS
6	CBIT-12	Sunnybrae, N.S.
12	CJCH-TV-2	Truro, N.S.
16	CBKFT-10	Moose Jaw, Sask.
21	CBKFT-8	Willow Bunch, Sask.
12	CHLG-TV-10	Camp Goelette, Que.

**NEW CALL LETTERS**

# FM NEWS

Bruce F. Elving, Ph.D., Editor  
4515 Avenue "E"  
Kearney NE 68847

Contributions invited!

## New Stations, Translators Granted

AZ Whiteriver \*88.1 630 h.v.; 600'; rock. Apache  
 AZ Fayetteville 107.9 100000 h.v.; 1250'; m  
 AR Little Rock \*88.3 100000 h.v.; 700'  
 CA Crescent City K272AY 102.3 KEAR 106.9 San  
 Francisco translator with \$, gospel music  
 CA Garberville K288BX 105.5 (KEAR)  
 CA Laytonville K296BT 107.1 (KEAR)  
 CA Redlands K265AA 98.9 \$ g (KGGI 99.1 Riverside)  
 CA Santa Barbara \*88.7 6000 h.v.; 880'; c.j. U of CA  
 CO Sterling 105.5 3000 h.v.; 86' (State College)  
 ID Lewiston \*97.7 7 watts h & v. 860' Lewis-Clark/  
 LA Haynesville 105.5 3000 h.v.; 275'; m (Duluth)  
 MN Aurora W249AB 97.7 \$, r (WAKX-FM 98.9 / 10  
 werts, 100' MN Buhi W237AF 95.3 (WAKX-FM),  
 10 werts, 225' ; MN Chisholm W249AC 97.7 "  
 10 w, 100' MN Gilbert W240EA 95.9, 60' 10w'  
 MO De Soto 100.1 3000 h.v.; 300'  
 MO Memphis 96.7 3000 h.v.; 300'  
 MT Livingston K265AS 100.9 \$ m (KYBS 97.5  
 Livingston translator), 10 w, 153'  
 NE Broken Bow 98.3 2400 h.v.; 330'  
 NV Battle Mountain K257AX 99.3 \$, m (KSRN 104.5  
 Reno NV translator); on air  
 NV Tonopah 92.7 290 h.v.; 970'; country music  
 NV Round Mountain K221AZ 92.1 (KSRN), 10 w  
 NJ Cherry Hill \*89.5 100 h.v.; 113'-Board of Educ.,  
 apparently not a power increase or replacement  
 for the Board's already-authorized WBEK \*88.1,  
 also in Cherry Hill—check it out if in area  
 NY Catskill W244AD \*96.7 \$ o (WFME 94.7 Newark)  
 NY Chittenango W269AF 101.7 \$, r (WAAA 95.3  
 Manlius NY translator) (NJ)  
 NY Rheinbeck W237AG \$ g (WFME 94.7 Newark/  
 OK Oklahoma City K296BV 107.1 \$, k (KLLR 97.7  
 Edmond OK, 180' and 290'; serving also Moore.  
 OR Cave Junction K280BK 103.9 KEAR—CA  
 OR Grants Pass K269AN 107.1—KEAR  
 TX Menard K272AZ 102.3 \$, km (KVRN-FM 92.1  
 Sonora TX, 10 w, beams 180' and 340')  
 UT Boulder K280BL 103.9 \$, m (KSP1 100.3 SLC)  
 UT Richfield K257AZ 99.3 \$ m (KMXU 105.1 Mant)  
 VA Clifton Forge 103.9 3000 h.v.; 360' (State U.  
 WA Richland \*89.1 100000 h, 67000v; 1230', WA /  
 WY Pine Bluffs K244AR \$, k (KERM 98.3 Torrington)  
 WY Thermopolis K228AM 93.5 \$ (KENB 95.9  
 Worland). Pine Bluffs' K244AR to be on 96.7i  
 BC Vancouver \*101.9 19w—U of BC students  
 ON Wawa 88.3 50000; CBCS 99.9 Sudbury relay  
 PO Chibougamau 91.9 CBVC 420 w; French  
 103.1 38 w—Canadian forces  
 WY Casper K269AN 101.7 \$, r (KKAZ 100.7 Cheyenne)  
 SCA (+), 67 kHz  
 AR Ozark KZRK-FM 96.7 adds SCA  
 CA Auburn KHYL 101.1 no SCA, CA Gilroy KFAT  
 94.5 no SCA, CA Bakersfield KKXK 107.9 tX  
 CA Lodi KWIN 97.7 no SCA, Merced KAMB 101.5  
 no SCA. Sacramento KWOD 106.5 tX  
 CA St. Helena KVVN 99.3 no SCA  
 CA Salinas KWTY 100.7 no SCA  
 CA San Francisco KLHT 93.3 no SCA  
 KMPX 98.9 music. KBRG 105.3 no SCA  
 IL Elmwood Park WXF 105.9 tX (picked up off-  
 air from WNIB 97.1 Chicago) [what purpose?  
 IL Pontiac WPKL-FM 103.1 resumes SCA, but for /  
 IN Salem WMLM-FM 98.9 adds SCA  
 IA Forest City K10W 102.3 adds SCA  
 KS Pratt KWLS-FM 93.1 tX  
 KY Bowling Green WKYU \*88.9 adds SCA  
 LA Eunice KJJB 105.5 adds SCA  
 MN Rochester KFSI \*88.5 tX (now on reduced  
 power of 3.5 kw because of interference to  
 TV channel 6 from Austin MN [normally 7 kw])  
 MS Tupelo WLOL 98.5 SCA, but no longer music  
 MO St. Louis KADI 96.3 music—rock (Muzak Tones?)  
 KEZK 102.5 tX  
 NJ Camden WKDN 106.9 no SCA

NM Las Cruces KGRT-FM 103.9 music  
 NM Roswell KRIZ 97.1 no SCA  
 TN Germantown WLVS 94.3 adds SCA  
 TN Memphis KWAM-FM 101.1 adds SCA  
 TX Amarillo KQIZ-FM 93.1 no SCA  
 TX Conroe KJOJ 106.9 has SCA  
 TX Lubbock KSEL-FM 93.7 tX  
 WA Spokane KPBX \*91.1 tX

## Deletion

ON Cobourg CFMX 103.1—license not renewed;  
 general incompetence cited in being unable to keep  
 the station on the air!

## Facilities' Changes Granted

AL Mobile WTOH from 90.5 to \*105.9 10; 290'  
 AK Fairbanks KAYY 101.1 370' (25000 h.v.)  
 AK Petersburg KFSA \*100.9 440 h.v.; 605'  
 CA Sacramento KXPR from 88.9 to \*90.9, 32000  
 h.v.; 600'; no SCA  
 CA San Luis Obispo KCPK \*91.3 3000 h.v.; 1410'  
 GA Houston WIZY-FM 107.1 850 h.v.; 540'  
 GS Houghton KHDK 107.7 100000 h.v.; 450'; K-  
 101 (from 100.9)—ON AIR ON 100.7—STROMG!  
 LA Lafayette KRVS \*88.7 (from 88.1) 100000 h.v.;  
 450'; ME Bath WMOG \*95.3 (from 91.5); 10 w;  
 ME Fort Kent WUFK \*92.1 14; 320' (was 90.3)  
 ME Skowhegan WTOS 105.5 2430' (50000 h.v.)  
 MD Elberton WOEL \*89.9 (from 88.3)  
 MA Springfield WSCB \*89.9 100 w ; 35'  
 MI Iron Mountain 93.1 590' (100000 h.v.)  
 MN Anoka KTVN-FM 107.9 100000 h.v.; 440'  
 MN Bemidji KBSB \*89.7 97000; 990'  
 MN St. Cloud KVSC from 88.5 to \*88.1 5000; 130'  
 MS Senatobia WJNC from 90.1 to \*88.9 20000 h.v.;  
 380'; coverage unchanged.  
 NM Hobbs KZDR 94.1 (changes city of license from  
 Humble City, now population zero)  
 NC Wilmington WLCC \*91.3 110 h.v.; 110'  
 OH Oxford WMUB \*88.5 50000h.v.; 475', directional  
 PA Erie WFESE \*88.7 / from 88.9 3000; 300'  
 PA Harrisburg WTPA 104.1 950' (10000 h.v.)  
 PA Philadelphia WRTI \*90.1 27100 h.v.; 370'  
 RI Kingstown WRU1 \*90.3 1600 h.v.; 420'  
 TN Humboldt WIRJ-FM 102.3 3000 h.v.; 300'  
 TX Houston. All 1920': KFMK 97.9, KODA 99.1,  
 KILT-FM 100.3, KLOI 101.1, KRBE 104.1.  
 TX Marshall KBWC \*88.1 340' (18500 h.v.)  
 TX Lubbock KTXI \*88.1 130 ; 105'  
 UT Orem KABE 107.5 45000 h.v.; 2780' (was 107.1)  
 WY Casper KTRS 95.5 94000 h, 63000v (1910)  
 WY Cody KYDZ \*90.1 150h.v.; 460'  
 KTBG 97.9 1920' (100000 h.v.)  
 AT Lethbridge CILA to 107.7 (from 100.9) 100000  
 h.v.—see Glenn Hauser reference Oct. column)  
 BC Barriere 104.1 93; 886'. CBC outlet  
 ON Brampton CFNY 102.1 to 61000 h.v., direction-  
 al, atop 1st Cdn. Bank Bldg. in Toronto  
 ON Owen Sound CBC-48 98.7 100000  
 PQ Kahnawake (not Caughnawaga, despite what all  
 maps say!) CKRK 103.5 33 w; 80% English and  
 20% Mohawk languages.  
 Slogans/nonIDs  
 FL Mt. Dora-Orlando WJYO 107.7 Joy  
 IN Fort Wayne WPTH 95.1 95-FM, now live  
 IN South Bend WTHQ 101.5 Q-102  
 IN Vincennes WVUB \*91.1 V-91  
 KY Falmouth WIDK 95.3 Stereo-Country  
 OH Columbus WRMZ 99.7 Z-100  
 TN Nashville WJYN 105.9 Joy-106  
 Formats/Networks  
 AR Booneville KJON 92.1 k [country]  
 AR Caulksville KLEO 95.3 [rock]  
 AR Greenwood KAJJ 106.3 k+Havane 104.9 and  
 Waldron 94.3 translators  
 CA Fresno KFCF \*88.1 ethnic; also has SCA

FL Gainesville WRUF-FM 103.7 m  
 FL Ocala WFIZ 93.7 k  
 FL Port Charlotte WEEJ 100.1 m, NBC  
 FL Winter Park WLOX 103.1 jazz  
 IL Champaign WFTT \*90.1 classical, 24 hours, 7  
 IL Morton WTAZ 102.3 rock  
 IN Huntington WDBC 100.9 rk  
 IN North Vernon WOCH-FM 106.1 rock  
 IN Sioux Center KOCR \*88.5 UPI Audio (now  
 having moved from 91.3)  
 KY Corbin WCTT-FM 107.1 rock, The Source  
 KY Frankfort WKYW 104.9 m, NBC  
 KY Hazard WSGS 101.1 NBC  
 MD Cumberland WJSE 102.9 rg, no stereo, still  
 low power. "FM-103," not Big Jesse.  
 MN Crookston KDWZ 97.1 k (live), "Stereo-97,"  
 adds an SCA  
 MN Red Wing KWNG 105.5 rock, ABC-FM  
 MI Lansing WLS-FM 101.7 m or easy-listening  
 OH Lima WGLE \*90.7 cj, P (Duplications  
 (duplicates WGTG-FM 91.3 Toledo)  
 OH Newark WCLT-FM 100.3 rm, T-100  
 OK Sallisaw KAZZ 95.9 rock  
 TX Eastland KVMX 96.1 rock, NBC  
 WY Keyser \*KLP-FM 94.1 rock, Mutual  
 WI Tomah WTMF-FM 98.9 rock  
 WI Milwaukee WLUM 102.1 rock  
 WI Wausau WMU1 106.1 rock  
 WY Cheyenne KKAZ 101.7 The Source (NBC)  
 ON Sudbury CIGM 92.7 now country (k)  
 ME Augusta WSCF 92.1 N, "Whistle" (not strict)  
 ME Bangor WHCF \*88.5 gc  
 ME Lewiston WAYU 93.9 k, no CBS, "U-94"  
 ME Machias WALZ 95.3 rock  
 ME Rockland WMCN 93.5 (soft rock)  
 ME Rumford WWMR 96.3 ABC-Information  
 ME Westbrook WYXZ n, Y-101  
 MA Lowell WWSB 99.5 rm, 24 hours  
 Dual/Multi-City IDs Authorized  
 CA Livermore KKKQ 101.7 adds Pleasanton, The Q  
 MD Berwyn WDCQ 103.9 adds Ocean City  
 MS Jackson WMSI 102.9 adds Vicksburg  
 MT Ronan KQRR 92.3 adds Kalispell  
 NH Manchester WZID 96.7 adds Concord-Nashua  
 PA Bradco WFFM 95.9 adds Pittsburgh  
 PA Saegertown WYSS 94.3 adds Meadville  
 TN Lebanon WUSW 107.3 adds Nashville  
 TX Killeen KNCT-FM \*91.3 adds Copperas Cove  
 KIXS-FM 93.3 adds Temple TX  
 TX Odessa KUFD 97.9 adds Midland  
 VA Amherst WCNV 107.9 adds Lynchburg  
 WA Ephrata KTRM 95.9 adds Soap Lake  
 WY Rock Springs KSIT 99.5 adds Green River  
 PR Mayaguez WIOA 97.5 adds Aguadilla

FL Dunnellon 102.3 WTRS-FM (WTRS-"FM")  
 FL New Port Richey 105.5 WPSC (WGUL-FM),  
 "Pasco," probably an acronym for cities in  
 its coverage area or its parent company  
 FL Leigh Acres 107.1 WSWF-FM (WSWF)  
 GA Marietta 101.5 WKHX (WBIE), still k, no net-  
 work, non-ID: "Kicks"  
 NM Belen 97.7 KMLW  
 NY Buffalo 92.9 WBUF (WFZX), FM-93, rm  
 NY Hudson Falls 101.7 WENU  
 NY New York 97.9 WEVD (WEVD-"FM")  
 NY Wilmington 102.7 WGNV (WAAV)  
 OK Comanche 96.7 WJME  
 TX Brownsville \*88.3 KBNR  
 TX Humble \*88.1 KSBJ  
 TX Palestine 98.3 KYKK (KHIM)  
 TX San Antonio 97.3 KAJA (WDAI-FM)  
 UT Provo 94.9 KLRZ (KRMZ)  
 WY Princeton 100.9 WKMY  
 WV Douglas 99.3 KATH  
 WY Rawlins 92.7 KIQZ (KIAJ)  
 PQ Quebradillas 98.3 WREI-FM (WREI)  
 AT Red Deer 99.9 CFGR (CKRD)  
 BC Kaslo 95.3 CKA-1-3

MS Drew 95.3 WKZB (WDRU)  
 MO Jefferson City 106.9 KTXV (KJFF)  
 MT Miles City 92.7 KMCM-"FM"  
 NE Grand Island 107.7 KSYZ-"FM"  
 NE Kearney \*91.3 KSCV (KOVF-"FM")  
 NV Henderson 100.5 KMZQ-"FM"  
 NM Belen 97.7 KMLW  
 NY Buffalo 92.9 WBUF (WFZX), FM-93, rm  
 NY Hudson Falls 101.7 WENU  
 NY New York 97.9 WEVD (WEVD-"FM")  
 NY Wilmington 102.7 WGNV (WAAV)  
 OK Comanche 96.7 WJME  
 TX Brownsville \*88.3 KBNR  
 TX Humble \*88.1 KSBJ  
 TX Palestine 98.3 KYKK (KHIM)  
 TX San Antonio 97.3 KAJA (WDAI-FM)  
 UT Provo 94.9 KLRZ (KRMZ)  
 WY Princeton 100.9 WKMY  
 WV Douglas 99.3 KATH  
 WY Rawlins 92.7 KIQZ (KIAJ)  
 PQ Quebradillas 98.3 WREI-FM (WREI)  
 AT Red Deer 99.9 CFGR (CKRD)  
 BC Kaslo 95.3 CKA-1-3

BC Nakusp 103.1 CKAL-1  
 BC New Denver 93.5 CKAL-2  
 BC Pemberton 104.5 CISP  
 BC Squamish 104.9 CISQ  
 BC Whistler 102.1 CISW  
 NS Sydney 94.9 CKPE (CJCB-FM), "C-Cape"?  
 ON London 94.7 CHRW, 182' (50 w, 24 hours  
 ON Sarnia 99.9 CJFI (CHOX), FM-100, r, gives full IDs  
 PQ Brisay 96.1 CKBJ-6 PQ Camp LG-2 99.1 CKBJ-  
 PQ Camp Fontage 96.1 CKBJ-7 2  
 PQ Camp LG-3 99.5 CKBJ-8, PQ Camp LG-4 99.1 CKBJ-1  
 PQ Farmont 103.1 CFMF  
 PQ Gagnon 104.1 CFJO  
 PQ Theford Mines 103.3 CBV-8

Abbreviations  
 c classical, e ethnic, g gospel, i jazz, k country, m middle  
 of the road (no rock), r rock in all its forms, s south. SCA  
 is 67 kHz (1), with X being teleprinter or audible teletype,  
 including chirpings and tones.  
 FM is "frequency modulation," S is stereo, \* is an  
 educational or noncommercial religious  
 station. Frequencies are MHz, or megahertz (megacycles per  
 second).

More facilities' Changes: KSCA 95.5 Santa Fe NM 100000 h.v.; 150: NY Elmira WECW from 88.1 to \*95.6 werts (h); 310'

## MEMBERS' AND READERS' REPORTS

John Jefferson now has SCA, thanks to a 110-watt power adapter that he uses plugged into the oscilloscope output of his McIntosh MR-80. Much of the CA SCA news is from him. He says KSCU \*89.1 Santa Clara is back on that frequency. Also heard: KSFH \*90.5 Mountain View CA. KKUP \*91.5 Cupertino testing in stereo once. Local KKH12 Pleasanton CA back on, but unannusably noisy and does not turn carrier off at night. "If they played anything but classical, I'd be after their license after several months of their inaction."  
 On the other coast, WVAW Auburn ME has upped its power to 30 kw and moved from 100.1 to 89.9, giving Portland a stronger signal. Ronald Purdie reports that he has Congressman Arlen Erdhardt looking into the case of KFSI \*88.5 Rochester having to reduce its power from 7 to 3.5 kw. That's because of interference to Austin's KAAL-TV, channel 6.  
 Glenn Hauser reports hearing the new classical KCMA 106.1 near Tulsa, a commercial station. "In 3-4 hours of listening... with special attention to announcement breaks, I never heard a commercial. ... Hard to believe it would last commercially at this rate." The station is owned by Dr. John Major, former research director at WFMT Chicago, and I know he intends to run it commercially.  
 WUTC \*88.1 Chattanooga has a stereo generator, says Glenn, "problem is the off-air (direct one hop) signal from WJOT (Knoxville) is not strong enough to risk stereo transmission, per the chief engineer." WUTK \*90.3 Knoxville hopes to be on by the time you read this. "Their feedline to antenna is one capable of handling much higher power, revealing their long-term intentions?" (WUTK 130 watts horizontal only at 62 feet, stereo.)  
 A "WKNO" 91.5 Kalamazoo MI is on the air with a 6-watt exciter, covering a 4-6 mile radius including most of the town from 7 pm to 1 am Thursday through Sunday nights, according to its operator, an FM ATLAS customer. Phil Boersma, can you tune this one?  
 Station "KILL" hopes to receive a construction permit and be on the air by August 1982 on the Pine Ridge SD Indian Reservation. It hopes to be NPR affiliated, with application stating Porcupine SD, and tower on Porcupine Butte. If they get the KILL call letters, they will mean "special" in Lakota. Station may be similar to KINI \*96.1 Crookston NE, with studios in St. Francis SD, except that KINI isn't NPR-affiliated. KBRF-FM 103.3 Fergus Falls MN now with 100000 h.v.; 650', said to have an outstanding signal in Fargo. "I have never seen the signal meter up-pin since they switched." Says Fred McCormack.  
 Politician and attorney John Price of IN and his organization, "Decency in Broadcasting," is suing WFBQ 94.7 Indianapolis for use of a slogan that I consider obscene and refuse to print in this column or in the FM Atlas. The slogan is allegedly also in use at WQMF Jeffersonville IN, WWDV-FM Washington, KTXX Fort Worth and WCOZ Boston.  
 Dr. Richard Wood, editor, *Language Problems and Language Planning*, has been researching the Montagnais language, or "dialect," and he feels it is a Canadian Indian (aboriginal) language. "It may be of a pidgin or creole or some transitional variety halfway between the Aboriginal Montagnais and French; otherwise, why would the government refer to it as 'Montagnais dialect'?" Then Prof. Paul Lamy, U of Ottawa (sociology) wrote Richard saying, in part: "As to what family of Amerindian languages Montagnais belongs—Algonkian. . . As best I can figure it, the Montagnais broke through to the south shore above Quebec City." He adds, on another subject, concerning comments in a recent VUD, "I became engaged a month ago to a delightful 25-year-old blonde psychology graduate here. Thanksgiving this year was far from that of a lonely bachelor. So, your comments in the latest VUD are already outdated. . ."  
 Hundreds of FM applications have been filed in Canada for stations to rebroadcast any of eight FM or audio services on Canadian satellites. How this column and my book will handle these stations if they are granted is a source of concern. One reporter said they could easily exceed in number all the FM stations on the air in the U.S. He proposes doing an Ondas-type list covering Canada. The primary stations on satellite are CFQM 103.9 Moncton NB, CKAC (AM) Montreal, CITE-FM 107.3 PQ Montreal, CKO-FM 2.99.1 Toronto, CIRK 97.3 Edmonton, CFMI 101.1 New Westminster BC, Native Radio from Alberta and Inuit Radio from the Northwest Territories. A total of 48 towns in BC alone have asked for stations like these, many with 2 or more transmitters each. Plus hundreds more in Manitoba—help!  
 Did you see the Dec. 1981 Audio, p. 18? The WTFDA is promoted, but through the defunct Deerfield IL address.  
 Hank Holbrook reports on the pig it or WJSE 102.9 Cumberland MD:  
 "Many months ago the owner ran off and left the operation. I guess a couple of live staff members remained at the station and continue to operate it even though they have not been paid in some time. Also they were having volunteers helping them keep the station on the air until a new owner [hopefully] can be found. Some of the volunteers were high school students. The electricity had been cut off three times. The phone service had long since been cut off. No longer had a wire service and no longer any recording service and were playing old records." Hank goes on to say that he got a nice QSL letter from them of his reception on a W. MD overlook.  
 Ken Simon found a May, 1942 Radio Guide list showing 8 FM stations, all in the east, but not mentioning pioneer W9JKL Superior WI. All, of course, on the 44 MHz band. A dentist, Dr. Ronald A. Chmiel, is buying WBIV 107.7 and plans to turn it into WUWU Wethersfield-East Aurora NY, with rock, apparently live music or live production.  
 And my new FM ATLAS is ready, and we will have taken care of advance orders by now. Price \$6.95 plus .50 shipping. Because it is on thicker book stock, none will be sent first class. Order from back cover address or from me direct.  
 Contributors last month: Tom Caswell, Dunmore PA; Saul Chernos, Ottawa-Toronto ON; Mike Cooper, Atlanta GA; Charles George, Dallas TX; John M. Jefferson, Pleasanton CA; Nick Lombardi, Atlanta GA; Greg Nieman, Silver Spring MD; David Nieman, Aurora NY; John M. Sulak, Orlando FL; David Weickert, Houston TX; Larry Weil, Acton MA; Joe Zayong, Whitesville MA. This month's contributors: P. L. Boersma, Spring Lake MI; David Branscome, Newark OH; Chernos; Cooper; Tom Cornell, Greenview IN; Dwight Crabtree, LaFayette NY; Chuck Crisler, Greenwood AR; John Ebeling, Bloomington MN; Nick S. Hancock, N. Canton OH; G. Hauser, 37914-0287; H. Holbrook, Chevy Chase MD; Jefferson; Paul Kelly, Hoinington KS; Rick Lewis, Bakersfield CA; M.M. Lombardi; Fred McCormack, Fargo ND; Von W. Mosser, Keyser WV; Mielman; Rod J. O'Connor, S. Portland ME; Walter Patton, Montreal PQ; Ronald Purdie, Byron MN; Ken Simon, W. Palm Beach FL; J. Small, Utica IL; P. V. Taylor, San Francisco CA; Ralph Strobel, Muncie IN; Art Thompson, W. Orange NJ; Don Voegel, San Jose CA; R. W. (name withheld), Kalamazoo MI; R. Wood, Cape Girardeau MO.

# QSL CORNER

Thomas J. Yingling, Jr.  
221 Pinewood Road  
Baltimore, MD 21222

FM QSLs

OH CFMP 101.5 Peterbough, P. O. Box 659. Card, with Kelly Green signer. Chernos  
 OH CBCL 93.5 London, via Box 500, Station-A, Toronto, M5W 1E6. Letter & card in  
 28 days from Miss Margaret Beettah, Audience Service. George  
 SA CJGL 94.1 Swift Current, c/o Grasslands FM, Box 1590, S9H 4G5. Short, &  
 friendly letter from Joe ??? in 3 months (due to Can. postal strike)  
 also received 4 "Cash Patch" stickers, 2 lighters, & 2 pens. Hascall  
 AL WLMJ 92.3 Montonery, P. O. Box 4999, 671 S. Perry St. 36101. Letter with stickers  
 from Rhubarb Jones, Music Director. Chernos  
 DE WQMD 92.7 Rehoboth Beach, P. O. Box 530, 19971. Letter from Gil Bryan, Sales Mgr.  
 Reply back in 3 weeks. Holbrook  
 CT WTIC 96.5 Hartford, One Financial Plaza, 06103. QSL card, unsigned & attractive  
 station T-shirt in fawn, red & black, plus several bumper stickers  
 with reply in 1 week. Wood  
 FL WCKX 95.7 Clearwater, 51 S. Main Ave. Suite 96, 33515. Reply in 5 days from  
 Ben L. Umberger, CE. Buntin  
 IA WRIT 93.5 Stuart, Drawer 359, 33495. Letter from Nick White, PD & eng. Buntin  
 IA KTOF 104.5 Cedar Rapids, 1957 Blairs Ferry Rd NE, 52402. Letter from Mimi Ernest,  
 CE in 2 weeks, also send coverage-map. Hascall  
 IL WDCG 88.3 Downers Grove, 4436 Main St., 60515. 250 watts, letter from F. L.  
 Moore, Public Telecommunications Facilities Dir., N.S. #99 with the  
 reply in 9 days. Durkin  
 IN WENO 101.5 Bloomington, 236 Greenwood Ave., 61701. Larry Shoel, CE returned my  
 prepared card signed & inside a stn. envelope to allow me us reuse  
 my stamps. Also enclosed a nice letter...says he answers all QSL  
 requests & mine didn't get there...good ol' P.O. !! Bless'em all! Chernos  
 WI WMBI 90.1 Chicago, Moody Bible Institute, 320 N. LaSalle, 60610. Card for 3 IL  
 net stations & WCRF OH (only WMBI checked off as requested) signer-nil  
 Probably the only QSL card to cover 2 states-not even adjacent ones!  
 Skeds for AM/FM inc. Chernos  
 IN WVUB 91.1 Vincennes, Vincennes University, 47591. Letter from T. Mack Seed,  
 Manager. Zark  
 MSND 88.9 Notre Dame, Box 532, 46556. Letter from Tom Messinger, Station  
 Manager in 9 days. Durkin  
 MI WAOB 100.9 Otsego, Box 980, 49078. I was probably one of the first to QSL them,  
 as they began operations 4-17-81, logged 4-27, send report 5-6 & got  
 QSL 6-1 from Walker Sisson, CE in 26 days. Durkin  
 WCKR 103.3 Battle Creek, 87 W. Michigan Mall, 612 The American Bldg, 49017. Got  
 Letter from Jack Swart, Pro. Dir. in 9 days. Durkin  
 WTNW 98.5 Coldwater, P. O. Box 1590, 49038. Letter from David W. Fuller, CE  
 with reply in 5 1/2 months!!! But gave an good excuse due to construction  
 of new studios & production studio. Yingling  
 WIRM 94.1 Jackson, Box 1450, 49204. Letter from Chris Babler, DJ on duty when  
 I received then, with reply in 15 days. Durkin  
 WFMG 92.1 Grand Haven, Box 330, 49417. Letter from Nathan T. Cambill, CE, who  
 wrote that "the station staff was excited to hear that someone was  
 able to receive us at such a distance." Reply in 8 days. Durkin  
 WVIC 94.9 East Lansing, 2517 E. Mt. Hope, 48910. Letter from Bob Clark, ce in  
 5 days. Durkin  
 WOOD 105.7 Grand Rapids, 180 N. Division, 49503. Letter from Melissa Van Pool,  
 Listener Services in 13 days. Durkin  
 WKJF 92.9 Cadillac, 1111 S. Mitchell St. 49601. Letter from Donal Armstrong,  
 CE with reply back in 9 days. Durkin  
 WHUM 97.7 Houghton, 312 Montezuma Ave. 49931. Specific verification from  
 Harvey L. Desnick, President. Elving  
 MN KFMC 106.5 Fairmont, P. O. Box 491, 56031. Lettr from Woody Woodward, General  
 Manager, & mentions liking the FM Atlas. Elving  
 WYRO 92.1 Little Falls, 56345. Letter from Joseph M. Fenson, General Manager  
 mentions reports from Aberdeen, MD & Meridan, Oh. Elving.  
 KPWZ 97.1 Crookston, 56716. neb Sandesen, secretary: "Loved your letter,  
 it was an ego & energy boost for all of us here at FM-97." Elving

MI WJY 106.7 Brainerd, P. O. Box 746, 56401. Letter from James W. O'Rourke, PD, Zark  
 MO KQRC 90.7 Joplin, Ozark Bible College, 1111 N. Main st. 64801. Letter from Jim  
 Taylor, General Manager & Tom Normile, Asst. Mgr. Holbrook  
 KCMQ 96.7 Columbia, P. O. Box 459, 65205. Send back my prepared card signed by  
 ??? first name, last name Stone, PD unreadable name. Eddie  
 KTRI 95.9 Mansfield, Box 575, 65536. Send back my prepared card, from CE, but  
 unreadable name, Eddie  
 KJAO 99.3 Gordonville. Send my prepared card from Jim Smith, GM Eddie  
 NY WXYI 91.5 Rochester, 290 State St, Box 21, 14601. Letter from Kathy Rizzo,  
 Secretary Broadcast opers. in 3 weeks. Ross  
 WRFO 88.7 Buffalo, 3435 Maian St, 14214. Letter from C. G. Stolarski, CE. Ross  
 WFXZ 92.9 Buffalo, 1151-53 Main St. 14209. Return my form letter with "Correct"  
 with Steve Mitchell WFXZ-Buffalo-NY inked in. Returned enclosed US  
 stamp so I could reuse it. Chernos  
 WKHK 106.7 New York, 41-30 52th St. 11377. Letter from Jon V. Banks. Holbrook  
 OH WBPY 103.9 Westerville, Box 14, 43081. Letter in 1 week from Terry Wilson,  
 Station Mgr, mentioned staff got a big kick out or reading my letter.  
 Enclosed a "Jazz 104" bumper sticker & used my SASE. Buntin  
 PA WZTA 105.5 Tamaqua, Box 30, 18252. Prepared card returned after follow up,  
 signer was just "JC" BSSIM Holbrook  
 WOVE 94.3 Mechanicsburg, send card, name unreadable, reply in 3 1/2 months. Holbrook  
 WDUO 90.5 Pittsburgh, Duquesne Univeristy, 15219. Letter after follow up from  
 Ken Duffy, Gen. Mgr.  
 WOCR 104.5 Wellsboro, P. O. Box 98, 16901. Letter from David P. Burket, GM. Holbrook  
 WKRZ 98.5 Wilkes-Barre, P. O. Box 1600, 18773. Letter from James M. Rising,  
 Operations Manager. Holbrook  
 WDBA 107.3 DuBoise, 28 W. Scribner Ave, 15801. Letter-Gerald E. Meloon, CE. Holbrook  
 TX KACV 89.9 Amarillo, O. O. Box 447, 79178. Very friendly verification letter in 2  
 weeks from Chris W. Johnson, Pro. Dir. Stated that "FM Signals aren't  
 supposed to skip" offered local severe weather as possible cause. Hepburn  
 UT KPCW 88.1 Park City, P. O. Box 1372, 84060. Letter from Bill Macdonald, CE for  
 QSL of their fm translator freq. of 88.1 with power of only ten watts!  
 Says the prime freq. is 91.1mhz with 250 watts, & the translator is  
 on Lewis Peak, 10 miles SSW of Coalville. (VERY GOOD! ed.) Strobel  
 First translator on skip heard by Ralph, at 1425 miles.  
 KUIN 92.7 Vernal, Box 307, 84078. Letter from Dick Winters, Gen Mgr with a  
 reply in 4 weeks. Durkin  
 VA WWOJ 105.5 Berryville, 8 S. Church St, 22611. Handwritten letter from Garry  
 R. Kline, Program Director. Holbrook  
 WPOJ 100.7 Harrisonville, Box 752, Rawley Pike, 22801. Returned my prepared card  
 after follow up, signed by C. Ellsworth Neff, CE Holbrook  
 WVKX 105.9 Alexandria, 510 King St, 22314. Form letter from Patricia A. Jones. Holbrook  
 WV WANJ 107.5 Wheeling, P. O. Box 6273, 98 16th St. 26003. Note confirming my  
 reception, signed by Tom Schessler, GM Holbrook  
 WI WJSH 101.7 Hayward, 54843. Letter from Clarence L. Cambell, CE accuses Adolph, MN  
 of being their most distant point of reception. Elving  
 WRIZ 100.7 Eau Claire, P. O. Polx 24, 54701. Letter from James W. Casey, CE,  
 also send a coverage-map. Hempel  
 WCOO 107.5 Neillsville, 54456. Letter from Chuck Klieforth, Eng. Holbrook  
 WKRZ 93.7 Monroe, Box 460, 53566. Letter from A. A. Stewart, CE in 4 days. Durkin  
 WORT 89.7 Madison, Box 3219, 53704. Letter from Vincent Curran, CE, who says  
 they'll be moving to 89.9mhz within the next 6 months. Reply came  
 back in 3 days. Durkin

Reporters this month are the following: (last names only) Chernos, George, Hascall,  
 Holbrook, Wood, Buntin, Durkin, Zark, Elving, Eddie, Hepburn, Strobel, Hempel, & editor-  
 me-Yingling. This was an 2-pager special! Congrats to Ralph Strobel for logging & QSL'ing  
 a 10 watt translator at 1425 miles. Just a reminder to reports for how to report. Please  
 include the call letters, freq., and address, & signer. If the name is too hard to  
 make out, say so. And also if possible, report like it is done in the QSL Corner. 73's  
 Tom Yingling.....

# SOUTHERN FM DX

Danny Buntin, editor  
1312 N. Skyline  
Stillwater, OK 74074  
DEADLINE: 5th

SOUTHERN FM DX

Rogers, cont.

JANUARY, 1982

January 1982

For FM DX reporters from: AL, AR, AZ, CA, CO, DE, FL, GA, KS, KY, LA, MD, MS, NC, MN, NV, OK, SC, TN, TX, UT, VA & WV.

## LIGHT TROP ACTIVITY CHARACTERIZES AN OTHERWISE VERY DULL NOVEMBER

Rick Sanford, 404 S. McNeill, Burnet, TX 78611 - Nov. 5 to Nov. 26 GST

11/17 all tr  
2357 KTEN 93.3 OK Ada, s/off, good  
signal o/KIXS

11/18  
0002 KNTU 88.1 TX Denton, j, s/off,  
heard previously at 88.5  
0006 KVMX 96.7 TX Eastland, conducting  
test broadcasting, TX #222  
0856 KATT 100.5 OK Oklahoma City, Rock 100,  
The Cat

Charles George, 6407 Howard, Dallas, TX 75227

11/17 2100 CST, KLBJ 93.7 TX Austin was coming in on my Lloyds receiver in stereo, using the built-in line cord, also noticed KLEF wiping out KGAF, a first for me.

2256 KYKR 93.3 TX Port Arthur, k, over/under KIXS Killeen, TX, first time to hear this station. This was on the Panasonic RF-2600.

11/18 0000 KGOL 107.3 TX Lake Jackson, YL with music, new for my logs. 73s.

George Rogers, 320 Lafayette Rd, Chickamauga, GA - Sept. 29 to Nov. 28 EDT/EST

Equipt: GE Superadio #7-2880-B

9/29 tr  
1105 WTVY 95.5 AL Dothan, k  
10/5 tr  
1720 WAMZ 97.5 KY Louisville, k  
1727 WKQQ 98.1 KY Lexington, r  
1805 WCRC 95.7 IL Effingham, ad  
1815 KIMO 98.9 MO Kennett, k

10/16 tr  
1740 WAMZ 97.5 KY Louisville, k  
2230 WDXE 95.9 TN Lawrenceburg, fb, rare

10/22 tr  
1202 WBFM 98.1 SC Seneca, nx  
1205 WXBQ 96.9 TN Bristol, nx  
10/24 ms

1415 WQID 93.7 MS Biloxi, ad, prev. tr  
tr  
2145 KIMO 98.9 MO Kennett, k  
11/2 tr  
1105 WGRG 103.9 GA Greensboro, ad

11/3 tr  
0935 WDEM 105.3 GA Macon, k  
2100 WFME 100.1 GA Forsyth, g  
2140 WIKY 104.1 IN Evansville, m  
2140 WITZ 104.7 IN Jasper, fb  
2150 WESC 92.5 SC Greenville, k  
11/4 tr  
0805 WAMZ 97.5 KY Louisville, k  
1030 WSGS 101.1 KY Hazard, ad

11/11 tr  
0850 WMIT 102.9 MS Jackson, k  
0850 WZXR 102.7 TN Memphis, r  
0900 WRVR 104.5 TN Memphis, nx  
0915 WVIM 95.3 MS Coldwater, k

11/18  
0927 KLVU 98.7 TX Dallas-Fort Worth, ex-  
KNUS, rm, Love-99-FM  
1400 KLLS 100.3 TX San Antonio, ex-KZZY, r,  
Class FM  
2259 KJGJ 106.9 TX Conroe, ex-KMCV, g

11/24  
1700 KAJA 97.3 TX San Antonio, ex-WCAI, now k  
K-Jay-97-FM, no longer NBC news

11/11 tr  
0920 WAFM 95.3 MS Amory, m  
0920 WESE 95.9 MS Baldwin, m  
0930 WZLO 98.5 MS Tupelo, ad  
0930 WMC 99.7 TN Memphis, nx  
0940 WHRK 97.1 TN Memphis, ad  
0943 WQXB 100.1 MS Grenada, r, B-100  
0947 WKRA 92.7 MS Holly Springs, ad  
0950 WJDQ 101.3 MS Meridian, r  
1005 KWAM 101.1 TN Memphis, g

11/25 ms  
0805 WUSL 98.9 PA Philadelphia, ad  
0925 KBCM 95.5 IA Sioux City, k, prev. Es

tr  
0927 WJDQ 101.3 MS Meridian, nx  
0930 WHHY 101.9 AL Montgomery, nx  
0950 WBAM 98.9 AL Montgomery, aor  
1010 WKHX 101.5 GA Marietta, k, ex-WBIE

11/26 tr  
1115 WABB 97.5 AL Mobile, r

11/28 tr  
0830 WKRG 99.9 AL Mobile, aor  
0840 WZLO 98.5 MS Tupelo, ad  
0840 WALT 97.1 MS Meridian, m  
0850 WMAZ 99.1 GA Macon, ad  
0850 WFMB 99.1 MS Pascagoula, m  
0905 WXBW 102.7 FL Milton, nx  
0905 WZXR 102.7 TN Memphis, old rock  
0910 WSKR 104.1 AL Atmore, k  
0930 KSSN 95.7 AR Little Rock, k

Total stations in 1981: 314, all total  
1667. I would like to wish all WFDAs members  
a very Merry Christmas and a Happy New, cont..

Year in '81. We had DX fun, but in 1982 DX will come thru! [Thanks for the holiday wishes. If possible, how about giving your totals for just the Chickamauga area soon? Also please do something about the accuracy of your milages if you want me to start printing them again. For instance the distance to Sioux City, IA, more like 800 miles, not 1002 miles. DB]

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74074 GST

Equipt: Pioneer TX-9100 tuner, Antennacraft GFM 10, 30 ft. high,  
11/17 tr on 90.5 w/10w., now 1200 w. in stereo, r. 42  
0107 KUHF 88.7 TX Houston, ID 460 CK #72  
11/23 gw 11/25 tr  
2309 KAYE 90.7 OK Tonkawa, ID, formerly 0001 KVLU 91.3 TX Beaumont, ID 460

After having laid it aside for several years, I was finally able to install a SCA adapter in my tuner after following specific instructions that Tom Yingling offered for the TX-9100. The most out of the ordinary thing I get on SCA is the Physicians Radio Network, but reception is on the noisy side. It will be interesting to see if the SCA can be of help, if any, in IDing stations during openings.

TRAP DISCUSSION. The Jerrold tunable FM trap described in the Nov. Mailbox sounded similiar to the now discontinued trap that Radio Shack offered during the mid 70's. I bought one of the traps back then, and found in use that while it is not ideal for DXing it can work like a charm for ordinary listening purposes. In my case two of three locals combine forces and cause 15 spurs across the band (10 weak and 5 strong) when the antenna is pointed at the locals, the southwest, the same direction as the Oklahoma City stations. As an added effect from the overloading, OKC stations on 94.7 and 107.7 become noisier than they should be for the signal strength, while another OKC station on 96.1 is wiped out by one of the strong spurs. With the trap in place tuned to local 91.7, overloading is eliminated to the point there are only 4 weak spurs remaining, two of those caused by a third local on the opposite side of the band where the trap has no effect, as tuned. Also stereo quieting on the three OKC stations is well improved. As an added benefit SCA on 107.7 and 94.7 (both OKC) is less noisy. Unfortunately, with the good comes the undesirable side effects. The trap does reduce sensitivity to some extent across a broad portion of the dial. The worst reduction as might be expected is near the frequency where the trap is tuned. For instance, fringe station KMYO on 92.1 has its strength reduced by one s-unit on the 0 to 5 meter. Advancing farther up the band the effect decreases until its gone around 102 MHz. With that in mind I keep the trap disconnected during the dx season. Now that it's the off season and since the trap helps reception on a couple of SCA stations, I see fit to use it when aimed at the locals. Otherwise I disable the trap, if I'm not too lazy. Maybe the trap will prove more useful later on when I aim the antenna toward the locals in order to attempt tuning in a distant new station due to come on 95.3 where there is a spur without the trap.

I assume the Jerrold trap has similiar performance characteristics as described above. If anyone has had better experience with the Jerrold trap, I wouldn't mind learning about it.

DX TAPE. I am offering at a cost of \$1.00 a C-60 cassette tape containing samples of my own DX. Highlights on the tape include 500-1000 mile trop, a 10 watter via Es and a 60 second meteor burst. If interested, just drop me a line with a \$1.

LASTLY, in reviewing my notes, I could find nothing of interest to add to my DXpedition story from last month. Until next month, 73.

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# NORTHERN FM-DX

Ralph Strobel, editor  
2510 E. McGalliard Rd.  
Muncie, Indiana 47303  
Deadline: the 5th

JANUARY 1982

For FM DXers in Canada, the Northwest-Central states of WA OR ID MT WY ND SD NE MN IA MO and states east of the Mississippi River and north of the Mason-Dixon Line.

Saul Chernos - c/o Carleton Univ., (Res. Box 188), 1233 Colonel By Dr. -  
Ottawa, ON K1S-5B7

Equipment: Sony T-FM w/rabbit ears; All DX from Burnt River, ON

8/15 MS	8/26 tr
1045 WSOY 102.9 IL Decatur, "Say-103," verified non-ID by phone.	0530 WWRM 106.7 MI Gaylord, "Warm-107"
1112 WHIZ 102.5 OH Zanesville, ID	0748 WJML 98.9 MI Petoskey, "JML"
8/15 tr	0758 CIMF 94.9 PQ Hull, ID
1556 GITE 102.7 PQ Sherbrooke, (CITE-1), FF	1100 WKAR 90.5 MI East Lansing, ID
Ment. of "Telemedia," (their network)	1104 WUGN 99.7 MI Midland, ID, QTH
8/23 Au	1233 WGUZ 101.3 MI Grand Rapids, "CUZ-FM"
1815 WEZS 103.7 VA Richmond, ID, TC	10/10 GW
1825 WRVQ 94.5 VA Richmond, "Q-94"	1200 CFMX 103.1 ON Cobourg, CRTC says off air for good!
1830 unID 97.9 ?? ? r, "98-WMPR"	10/11 Au
1842 unID 102.7 ? ? "Q-103," ELT TC	0700 WCAL 89.3 MN Northfield, ID, power & QTH's, freqs. of many stations on net.
1850 WTUE 104.7 OH Dayton, ID, ment. of Cinci-NY game.	0719 KOEL 92.3 IA Oelwein, ID, wx, T-40
1855 unID 101.1 ?? ? R.W. Stanhouse? g pgm.	0724 WZZR 95.7 MI Grand Rapids, ID's
8/24 Au	0830 KDMI 97.3 IA Des Moines, ID, wx, nx
1636 WNUZ 103.5 MI Detroit, ID	0900 WNIU 89.5 IL De Kalb, ID, nx
8/25 tr	0908 WTCM 103.5 MI Traverse City, ID
1051 WIAA 88.3 MI Interlochen	0908 WNUZ 103.5 MI Detroit, g
1051 CBSM 89.5 ON Sault Ste Marie, //CBL	0924 WLLZ 98.7 MI Detroit, ID, r, "Wheels"
1106 WTCM 103.5 MI Traverse City, ID	0930 WIAA 88.3 MI Interlochen, ID

My total heard in Burnt River is 457. A very disappointing end to a summer which began well. I've DXed little in Sept., Oct. & Nov. in Ottawa, but have heard of a few openings. Apparently Toronto DXers got PA, NJ, etc. around Oct. 12 and IN, MA & PQ on Nov. 12-13, but I didn't even have an FM radio with me in Ottawa (t'is the season for AM). The Auroral activity was nice on the one weekend I spent at Burnt River. I must have missed good DX. If anyone hears 93.1 CKCU Ottawa, ON, send reports to me if you want to. CKCU does verie, but they don't send along a sampling of the Ottawa promo-sticker market. CFMX is off until a new applicant is found. They're a big pest and I hope next summer is CFMX-free.

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

Northern Minnesota is being inundated with translators of WAKX 98.9 in Duluth. The loggings from my cabin at Prosit in northern MN reflect two new ones on the air, and according to WAKX, two more are due to come on the air soon (W24OAE in Gilbert and W249AB Aurora; both 10 watts). Since I can usually receive about four of their XLTR's with no problem, it sure does clutter up the dial as far as I'm concerned.

From Prosit, MN cabin. Times are CST. All new loggings:

11/14 tr	1700 W237AF	95.3 MN Buhl, r, new WAKX xltr.
Au	1755 KBBG	88.1 IA Waterloo
	1800 KDCR	88.5 IA Sioux Center, ex-91.3
tr	1830 W249AC	97.7 MN Chisholm, new WAKX xltr.

From the home base in Bloomington, MN (CST)

11/30 tr	0002 KFSI	88.5 MN Rochester, g, s/off
	0005 KDCR	88.5 IA Sioux Center, s/off, ex-91.3

The old FM band is getting very crowded in this Twin Cities area. For example, on Nov. 30 I heard three sign offs on the same frequency of 88.5. First, local KBEM in Minneapolis with 2.1kw, then, as noted above, KFSI Rochester with 7kw and then KDCR from Iowa. Much harder now to log new stations than it was 20 years ago. It is even hard to pick a clean frequency after midnight for trying for any MS DX.

Last month's listing of WSOY 102.9 should have been Decatur, IL, not Cedar Rapids, IA. That's about it from here for now. Will send anything else that classifies as new or unusual FM reception as (and if) it develops. Until the next time, good DX. John

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## NORTHERN FM DX

JANUARY 1982

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

11/14 tr	11/23 tr
0005 CKOT 101.3 ON Tillsonburg, s/off, 270	2059 WQLN 91.3 PA Erie, jc, see notes 290
	11/25 tr
0031 WSAQ 107.1 MI Port Huron, m 210	1901 WRGJ 89.3 OH Reading, r, 130
0153 WCBN 88.3 MI Ann Arbor, j 130	"..400" on top of the hill in Reading.."
	2006 WSHJ 88.3 MI Southfield, r 160
	11/26 tr
11/22 tr	0037 WNAS 88.1 IN New Albany, r 188
0029 WBCH 100.1 MI Hastings, s/off 120	0100 WKIR 98.3 IN Plainfield, g 100
	"Love-98," WARU off
0044 WIRX 107.1 MI St. Joseph, r 100	0221 WNRN 92.1 OH Bellevue, r, 130
	WBST off
0131 KSUI 91.7 Iowa City, s/off 330	

91.3 in Erie had puzzled me for several years as it would often peak over WGTE for a few seconds, but never long enough to positively identify, although I did suspect it was WQLN. Tonight it happened at just the right time. Log is at 731. 73s, Bob

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Richard Reese - 421 Marion St. - Jersey Shore, PA 17740

9/4 tr	10/13 tr
1930 WPLM 99.1 MA Plymouth, Boston BB	1702 WKTN 95.3 OH Kenton, ID
1958 WSNE 93.3 MA Taunton, ad	1815 WOOD 105.7 MI Grand Rapids, town
2000 WGBH 89.7 MA Boston, very strong	10/13 Au
2003 WKKS 107.9 MA Medford, pr	1820 unID 105.7 ?? brief
2006 WAAF 107.3 MA Worcester, r	10/16 tr
2017 WBZ 106.7 MA Boston, ad	1806 WJFD 93.7 MA New Bedford, ID
2020 WBRU 95.5 RI Providence, r	10/30 tr
2025 WHJY 94.1 RI Providence, r, o/WQKY	1651 WSEA 93.5 DE Seaford, ID
2029 WPRO 92.3 RI Providence, r, "Pro-FM"	11/2 tr
2030 WHUE 100.7 MA Boston, m	0727 WPTH 95.1 IN Ft. Wayne, ID
2031 WLKX 101.5 MA Providence, m	11/8 MS
2036 WBAV 92.3 MA Haverhill, ad	0859 WAMZ 97.5 KY Louisville, ID
2045 WMYS 98.1 MA New Bedford, k, o/WFBG	1109 KQIZ 93.1 TX Amarillo, "QIZ-93"
2145 WJIB 96.9 MA Boston, ads	11/13 GW
2157 WNGX 93.1 ME Portland, ad	0700 WLQE 94.3 PA Cresson, ID, \$, "Q-94"
2205 WOXO 92.7 ME Norway, town	11/16 tr
2230 WHEB 100.3 NH Portsmouth, ads	1846 WLFE 99.9 MI Benton Harbor, wx (Shouldn't calls be WHFB?-RS)
9/17 tr	1855 WMUK 102.1 MI Kalamazoo, c, ID
1813 WRCH 100.5 CT New Britain, m	11/18 tr
9/29 MS	1617 WBUR 90.9 MA Boston, ID
0839 WIGY 105.9 ME Bath, "Y-106"	11/22 Es
10/1 tr	0745 unID 90.7 ?? To SW
1000 WKBL 93.5 TN Covington, town	11/29 Es
1015 WSEZ 93.1 NC Winston-Salem, "Says-FM"	Probably missed opening in the early eve., believed to be from South Florida.
1046 WKPQ 99.5 KY Henderson, ID (Shouldn't calls be WKDQ?-RS)	Some good tr activity this fall, adding three new states to my log. I have to thank my brother for informing me of the 10/1 tr. Apparently missed most of it. It was the longest tr ever heard here. I probably missed an Es on 11/29. I was DXing BCB at the time. Turned on the TV at 1930, and the MUF was at TV 4 and falling. Hope I don't miss the next Es session.

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

DX from: West Philadelphia, PA. RX: Technics SA-202 stereo, with bowtie antenna at zero feet AAT. (First floor dormitory room).

9/2 tr	9/21 tr
2100 York, PA, NYC, DC & MD relogs.	2140 WFOG 92.9 VA Suffolk, EZL
9/6 tr	2145 WGH 97.3 VA Newport News, c
0230 Virtually all NYC, even those made difficult by adjacent Phila. locals - (e.g. WPLX 101.9 NY & WNEW 102.7 NY).	2147 WOLC 102.5 MD Princess Anne, religion
0324 WIOF 104.1 CT Waterbury, "Magic-104"	2209 WQMD 92.7 MD Rehoboth Beach, PSA's
1230 WKHI 99.9 MD Ocean City, solid!	2244 WQQQ 104.7 MD Salisbury, call change
9/16 tr	9/26 tr
0044 WNGQ 98.3 NJ New Brunswick, a regular	2102 WBNZ 99.9 CT Bridgeport, "\$-100"
	2115 WKHI 99.9 MD Ocean City, dominant
	2121 WHBI 105.9 NJ Newark, u/superslop.

Continued

9/27 tr  
0359 WPTY 95.7 VA Norfolk, ID, new calls, Does WJJC cover Wilson events? (Wilkesboro?)  
ex-WKZZ, promo, "Tidewater: The new Y-95 1331 WVCD 97.9 PA Hazleton, EZL  
plays the mx you want to hear."  
0353 WXTR 104.1 MD La Plata, format change to 10/16 tr  
a/c/oldies, still "Extra-104" 0100 Tidewater, VA relogs.  
0401 WFOG 92.9 VA Suffolk, EZL 0143 WMAR 106.5 MD Baltimore, "Relax R"  
0405 WCMS 100.5 VA Norfolk, k 10/21 tr (420, but barometer 30.35)  
0406 WGH 97.3 VA Newport News, loudest 0104 WGH 97.3 VA Newport News, clear!  
10/5 GW 0112 WMOR 98.7 VA Norfolk  
2030 WFSR 91.3 NJ Trenton, PRG 0127 WSUX 98.3 DE Seaford, r (Sux-FM?-RS)  
10/14 tr (with barometer 30.41) 2130 NY-NJ relogs  
2330 Tidewater relogs 10/22 tr (in fog)  
2335 WBEY 103.1 MD Grasonville, ex-WAQA 0040 WBOC 91.5 MD Baltimore, c  
2348 WNAV 99.1 MD Annapolis, EZL 0055 MYST 92.3 MD Baltimore, "92-Star"  
10/15 tr (cont. high pressure + coastal fog) 0108 WBSB 104.3 MD Baltimore, "B-104," AOR  
0023 WMZQ 98.7 DC Washington, o/VA, no NYC 0119 WMAR 106.5 MD Baltimore, EZL  
0045 WSBA 103.3 PA York, also 96.1, 0120 WAVA 105.1 VA Arlington, AOR  
94.5, 105.7 PA's. 0123 WESR 103.3 VA Tasley, o/WSBA-PA  
0153 WBG0 88.3 NJ Newark, j 0125 WXYV 102.7 MD Baltimore, d  
0157 WYUV 90.7 NY New York, weakest NYC 0130 WASH DC relogs  
0209 WBKZ 95.9 MD Glen Burnie, "Z-96" 0145 WDYL 92.1 VA Chester, g  
0212 WKSS 95.7 CT Hartford, local off 0213 WVCD 97.9 PA Hazleton, no Balt.  
0216 WAAF 107.3 MA Worcester, u/WRQX-DC, 0257 WRBS 95.1 MD Baltimore, g  
MA is new state from PA. 0838 WKRE 98.5 PA Wilkes-Barre, r, ex-WBRE  
0230 WRCH 100.5 CT New Britain 0844 WPOC 93.1 MD Baltimore, k  
0300 WHSL 97.3 NC Wilmington, clear at 1010 WKRR 98.5 PA Wilkes-Barre, very loud!  
415 mi., among my best tr ever! o/WGH-VA. 1013 WDHA 105.5 NJ Dover  
0310 WHUD 100.7 NY Peekskill, "gentle one" 1025 WKES 90.5 MD Worton, r  
0314 unID 99.9 ?? u/WKHI w/top 40... Who? "Kent County High Schools"  
1001 WBJC 91.5 MD Baltimore, nx, then c 1028 WRCH 100.5 CT New Britain  
1031 WGTS 91.9 MD Takoma Park, & DC area 1033 WLIR 92.7 NY Garden City  
1045 WHSL 97.3 NC Wilmington, Still in! 1037 WSEH 95.3 NY Southampton  
Strong w/r, IDs. 11/2 tr  
1058 WDYL 92.1 VA Chester, g 0115 WHP 97.3 PA Harrisburg, m  
1230 WEZN 99.9 CT Bridgeport 11/3 tr  
1232 unID 99.9 NC? Maybe WJJC, w/Southern- 2355 Tidewater & DC relogs.  
ish accent, ment. "Wilson-boro" w/accnt on 11/19 GN? Spur?  
2nd syllable. Burgaw, NC is a little far 1852 WQHS 88.1 PA Philadelphia, a very  
from Wilson. Is there a Wilsonboro, NC? 1905 weak spur of the U of P carrier-  
(None on my map. I'd say Wilkesboro-RS) hear on 730! Apparently, this is a mixing  
product with superlocal WXPN-88.9 (on the same xmtr. tower), and comes in along with  
the weak WXPN slop or spur on 88.1. Call to station confirmed ID. Probably the weird-  
est FM logging ever by me, and doesn't seem countable either, hi. (I wouldn't count it-  
RS). Not heard before or since, can't say I'm upset! Did answer their oldies trivia  
question when I called up and won a T-shirt, so it wasn't a total waste of time.  
Next month: Look for my amazing long haul tr & Es loggings from FL in SFM DX (I hope  
I won't have to make 'em up, hi). I have yet to get winter ES, but it's nice to dream.  
(Perhaps YOU ALL can read between the lines here, as I just did!-RS!)

The above loggings were all made while I should've been studying at the Univ. of PA  
Law School. Correspondents please use NY address.

OK, Here's my entry in "rank-the-trops":

- 6/11-6/13/78. Coastal MA/RI to DE/MD/VA, with most NYC locals off 5/12. Many never-repeated loggings.
  - 9/12-9/13/79. One-of-a-kind opening to upstate NY and ON. Also coastal, MD/DE to MA/ME.
  - 6/29-6/30/79. Coastal, VA to MA.
  - 6/1 -6/2 /77. Boston area.
- The above were from NYC. My two great Philadelphia tropes, 10/15/81 and 10/22/81, are not included for lack of Philadelphia experience and subsequent inability to judge their rarity.

GOOD DX y'all - Eric

\*\*\*\*\*

Ralph Strobel - 2510 E. McCalliard Rd. - Muncie, IN 47303

11/23 tr 0233 WEFT 90.1 IL Champaign, c mono, ID, WIAN, WMBI and WVIK all off. 160  
Not much to report. After trying to help Eric Fader solve his unID on 99.9 to NC, I  
found Wilkesboro to be on the other side of the state from Burgaw, so not it. Perhaps  
it was Wilmington. Since the column deadline is now the 5th, this must be mailed to-  
morrow, Dec. 8th. Three reports arrived on the 7th from John Callarman, Robert Ross,  
and Dave Nieman. They will appear in the February issue. More next month. **73, Ralph**

Albin, Earl-4814 Granada Drive-Valley Station, KY 40272  
Albrecht, Jim-3313 N. Weil St.-Milwaukee, WI 53212  
Aliaga, Mario-Guido 271-Huancayo, PERU  
Allen, Richard N.-RFD-Billings, OK 74630  
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South Carolina (1): Nagel.  
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Manitoba (1): R. Taylor.  
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Quebec (2): Guzzi, Patton.  
Dominican Republic (1): Clark.  
Japan (1): Miki.  
Peru (1): Aliaga.  
West Germany (1): Blodorn.

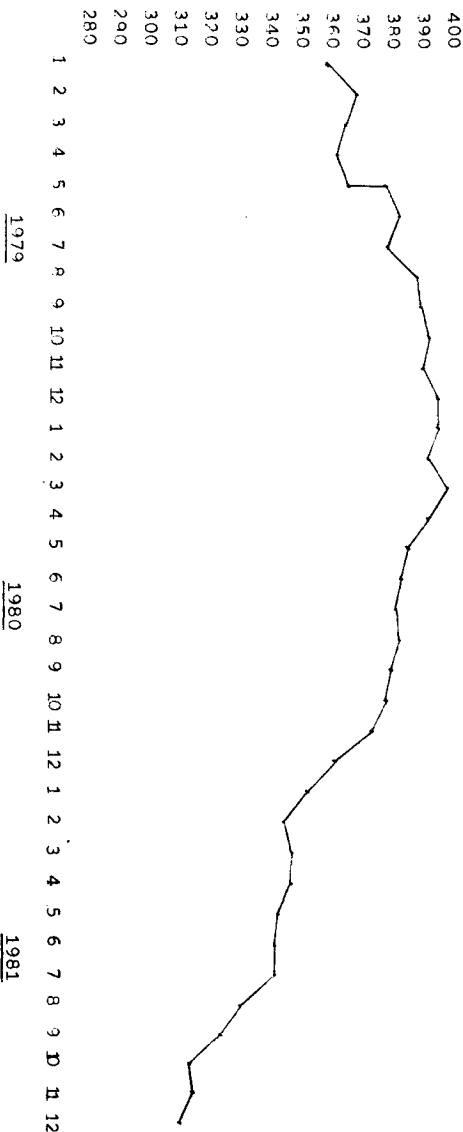
Note: The list above was compiled from mailing addresses, and does not necessarily indicate where an individual lives, as with the following denotations: # Living on an island in the Caribbean; \* Serving in the U.S. Navy; % Stationed in West Germany; ® Stationed in Alaska.

The Membership Top Ten

- 1 New York (27)
- 2 California (21)
- 3 Ohio (20)
- 4 Pennsylvania (19)
- 5 Indiana (16)
- 6 Illinois (16)
- 7 Michigan (15)
- 8 Wisconsin (14)
- 9 Massachusetts (12)
- 10 New Jersey (11)
- Ontario (11)

The Membership Picture

The graph below reflects the growth of WTFDA during the last three years. Note: The method used in counting membership was changed in May 1979. Previously, membership was counted on the third day of each month. Membership is now counted on the last day of each month.



# WESTERN TV-DX

January 1982

Fred McCormack  
Box 5221  
State University Sta.  
Fargo, ND 58105  
Deadline: 2-5-82

New \_\_\_\_\_ New Mode \_\_\_\_\_ Tentative - t Unidentified - unid

Jim Pizzi, P.O. Box 1778, Lovington, NM 89260

MDT/MST

October 1981

10 tr	0607 KSWO 7 OK 289	28 tr	2140 KRIV 26 TX 515	29 tr	2015 KLPB 24 LA 684
	0800 KAUT 43 OK 380		2141 KHTV 39 TX 515		(Ø kHz to KVUE )
	(old western movies)		2200 KTRK 13 TX 515		2022 WLPB 27 LA 743
	KOKH 25 OK 380	29 tr	0735 KEDT 16 TX 505		(20 kHz to KTWS )
	(All American 25)		0736 KLRU 18 TX 377		Dallas U's
	KGHC 34 OK 380		KVUE 24 TX 377		Austin U's
	(wrestling )		0737 KTAB 32 TX 216		2107 KENS 5 TX 320
	KTBC 14 OK 380		0740 KTVV 36 TX 377		KIOL 4 TX 380
	0827 KOKI 23 OK 473		0741 KNCT 46 TX 368		2108 KLRU 9 TX 380
	0828 unid 36 PBS ene		0742 KWEX 41 TX 380		(Ø kHz to KTPX )
	(This Old House ???)		0744 KRIV 26 TX 515		2113 KTVT 11 TX 368
	0829 KGCT 41 OK 473		0745 unid 23 CBS sse		2139 KSLA 12 LA 539
	0855 KTVV 9 OK 380		0747 KHTV 39 TX 515		(Ø kHz to KTXS )
	(CBS ØkHz to KTPX )		0810 unid 18 ese		2146 KAPT 13 AR 567
	0830 Dallas U's 368		(20kHz to KLRU, ads)		(Ø kHz to KLBK, over/
	0910 KTVV 36 TX 377		0819 KLPB 24 LA 684		under KLEK PBS )
	0945 KXLI 12 OK 372		(Ø kHz to KVUE )		2150 Dallas 4,5,8,11
12 tr	0700 Ok City U's 380		0829 KAUT 43 OK 380	30 tr	0010 KTBC 7 TX 377
	0900 KGHC 34 OK 380		0830 KGMC 34 OK 380		0012 KTRK 13 TX 515
	2008 Austin U's 377		KOKH 25 OK 380		0025 Amarillo 7 & 10
LS	2009 KTVV 36 TX 377		1800 WGNO 26 LA 819		snow free
13 tr	0025 Amarillo 7,10		1805 WRBT 33 LA 743		0026 KWET 12 OK 275
28 tr	0830 KTAB 32 TX 216		1845 KHTV 39 TX 515		0040 ESAT 12 TX 380
	0835 KTVV 36 TX 377		2013 WMAU 17 MS 733		(sign/off 3 0048 )
	0840 Austin 18,24		2014 KLLI 18 LA 630		
			(Ø kHz to KLRU )		

Trops continue to be excellent at this location. Still using family TV antennas, also have Finco P-7 UHF @ 10' above ground and AC-4990 for 10-29 loggings. Working on getting tower up plus other antennas. Till next report - Best of DX, Jim

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

CST

Equipment: RCA 1982 XL-100 Color, J.C. Penney 5" B&W portable, Archer VU-120 with coaxial lead-in

November 1981

1 tr	1620 WTVV 18 WI 237	4 tr	0606 WWSV 10 WI 237	21 tr	1349 KCCI 8 IA 178
	1622 WLRE 26 WI 222		(CB before KTTC s/on)		1554 KLIN 12 IA 178
	1629 WPNE 38 WI 222	7 tr	0859 KTIN 21 IA 128		1650 KTIN 21 IA 128
	1635 WKOW 27 WI 168		0901 KHIN 36 IA 257		1658 KDIN 11 IA 178
	1638 WHA 21 WI 168		(parallel to KYIN )		1700 WHO 13 IA 178
	1640 WHRM 20 WI 155		0950 WKOW 27 WI 168		2126 K22## 22 MN 177
	1648 KRIN 32 IA 118		1002 WLEF 36 WI 170		(Brainerd KSTP-5)
	1656 WTVV 9 MI 336	12 tr	1007 WHA 21 WI 168	22 tr	0915 WKOW 27 WI 168
	1659 WMYT 36 WI 237		0712 KTIN 21 IA 128		1017 WHA 21 WI 168
	1721 WTVV 18 WI 237		0717 WHO 13 IA 178		1022 WHTV 15 WI 168
	1725 WLSN 12 WI 237		1644 KCRG 9 IA 148	24 tr	1705 WKOW 27 WI 168
	1734 WCGV 24 WI 237		1836 WLEF 36 WI 170		1814 KIIN 12 IA 178
	(STV barker-SelectTV)		1835 WABO 12 WI 178		1835 KCRG 9 IA 148
	2129 WLUK 11 WI 220	20 tr	1630 KSPY 13 SD 217		1838 WMT 2 IA 148
	0714 WKOW 27 WI 168		1632 KELO 11 SD 217		1840 WMTV 15 WI 168
2 tr	0716 WGVC 35 MI 336		1633 KCAU 9 IA 227		
			21 tr	1100 KHIN 36 IA 257	

November was a good month for DX. Unseasonably mild temperatures produced good tropo for the first half. The later part gave me shorter tropo. This month I am working on coverage maps for KTMA, WFBT, and KXLI from Minnesota for predicted pix's for the Winegard AC-9880 I plan to put in next spring. By the way, does anyone know when KTMA and WFBT are going on? I read in the local paper that KXLI in St. Cloud is scheduled to go on the air sometime in fall of 1982. I should have bought the AC-9880 in the first place and the RCA XL-100 sometime in 1982! But, I want a set that won't break down all the time. That's all for now. See you in 30 or later. 73's, Ronald

# EASTERN TV-DX

January 1982

Above normal temperatures and slow moving, fair weather systems during the first half of November, in the Northeast, provided some better than normal tropo activity.

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

May 1981  
 9 Es 1916 KNOP-2 NE 1230  
 22 Es 1730 KOET-3 OK 1090  
 1731 KJRH-2 OK 1080  
 1755 WBC-5 TN 820  
 Memphis  
 1759 WREG-3 TN 820  
 Memphis  
 1802 KMOA-4 MO 725  
 1810 KSDK-5 MO 685  
 1829 WPSD-6 KY 685  
 Paducah  
 WSIL-3 IL 665  
 Harrisburg  
 2145 WESH-2 FL 885  
 23 Es 1357 KSNB-4 NE 1115  
 Superior  
 1500 KLMN-3 NE 1185  
 1529 KUSD-2 SD 1020  
 KPHY-4 SD 1195  
 Pierre  
 26 Es 1829 WPBT-2 FL 1110  
 WTVJ-4 FL "  
 1915 WCIX-6 FL "  
 Cuba-3 & 5  
 1930 WPTV-5 FL 1040  
 27 Es 0640 WPBT-2 FL 1110  
 0654 WBRZ-2 LA 1095  
 0700 WCIV-4 SC 615  
 WSCS-5 SC "  
 Charleston  
 28 Es 1657 Cuba-2,3 & 5  
 1716 WPTV-5 FL 1040  
 1729 WCIX-6 FL 1110  
 WDEO-6 FL 930  
 1759 WEDU-3 FL 985  
 1859 WDI-2 AL 855  
 1959 KQTV-2 MO 935  
 KOLT-3 OK 1090  
 2100 WCIX-6 FL 1110  
 2129 WKRG-5 AL 965  
 2132 WDSU-6 LA 1080  
 2129 KATC-3 LA 1135  
 2230 KBTX-3 TX 1305  
 KCEN-6 TX 1315  
 Temple  
 29 Es 0958 KTVY-4 OK 1170  
 0959 KYTV-3 MO 910  
 1045 KNOS-6 MO 880  
 Sedalia  
 1059 KTVG-6 KS 1250  
 Dodge City  
 1125 WNT-2 IA 760  
 1129 KTVI-4 IA 1000  
 WISC-3 WI 645  
 Madison  
 1200 KPCA-2 MN 855

June 1981  
 2 Es 2032 KCKT-2 KS 1170  
 3 Es 1900 KTVI-2 MO 725

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

Deadline: 1st

June 1981  
 3 Es 1907 WMT-2 IA 760  
 2207 WNGE-2 TN 630  
 8 Es 1230 KJRH-2 OK 1080  
 1459 KDLO-3 SD 1045  
 KXON-5 SD 1080  
 1520 KXJB-4 ND 1095  
 Valley City  
 12 Es 2059 WPBT-2 FL 1110  
 18 Es 1225 WRBL-3 GA 755  
 1229 WRCE-3 TN 620  
 Chattanooga  
 1300 KATC-3 LA 1135  
 WMAB-2 MS 865  
 1320 Cuba-3 & 5  
 1435 KDFW-4 TX 1240  
 1629 WJXT-4 FL 810  
 WUFT-5 FL 865  
 1740 WSAV-3 GA 685  
 2000 WEAR-3 FL 950  
 2029 WWL-4 LA 1080  
 WCTV-6 FL 860  
 Tallahassee  
 2059 WSB-2 GA 660  
 KATC-3 LA 1135  
 WAGA-5 GA 660  
 Atlanta  
 19 Es 1659 WDAF-4 MO 945  
 KCMO-5 MO "  
 1727 KTVO-3 IA 800  
 1729 KSNB-4 NE 1115  
 1800 WEDU-3 FL 985  
 1940 KARD-3 KS 1100  
 KCKT-2 KS 1170  
 1936 WWL-4 LA 1080  
 1959 WPBT-2 FL 1110  
 2029 KALB-5 LA 1105  
 WDSU-6 LA 1080  
 21 Es 2036 KATC-3 LA 1135  
 23 Es 1617 CBHT-3 NS  
 1630 CKCW-2 NE 700  
 1758 KPCA-2 MN 855  
 1827 WBAY-2 WI 605  
 Green Bay  
 1829 WTMJ-4 WI 570  
 Milwaukee  
 1900 CKPR-2 ON 790  
 1913 CEWF-3 MB 1160  
 Winnipeg  
 2059 CBHT-3 NS 700  
 WLEZ-2 ME 480  
 Bangor  
 25 Es 1713 KARK-4 AR 950  
 1722 WDAF-4 MO 945  
 1729 KLAS-5 NE 1110  
 Hastings  
 1759 WQWT-6 NE 985  
 Omaha  
 2059 KOET-3 OK 1090  
 KFSM-5 AR 1025  
 2210 KOAM-7 KS tent.

June 1981  
 26 Es 0835 WRCE-3 TN 620  
 0857 KQTV-2 MO 935  
 0929 KNOP-2 NE 1230  
 1010 WBRZ-2 LA 1095  
 1028 WWL-4 LA 1080  
 1059 WKRG-5 AL 965  
 1229 KEMV-6 AR 905  
 Mountain View  
 1829 KBTX-3 TX 1305  
 KIII-3 TX 1490  
 Corpus Christi  
 28 Es 1930 CBHT-3 NS 700  
 CHSJ-4 NB 625  
 1959 CJCH-5 NS 700  
 Halifax  
 CHAU-5-2 PE  
 Perce  
 29 Es 1110 WESH-2 FL 885  
 1129 WJXT-4 FL 810  
 1133 WKRG-5 AL 965  
 1259 WSB-2 GA 660  
 1313 WDSU-6 LA 1080  
 1715 WERC-6 AL 760  
 1832 KATC-3 LA 1135

July 1981  
 1 Es 2128 WBRZ-2 LA 1095  
 4 Es 0859 KETX-3 TX 1305  
 KPRC-2 TX "  
 1059 WEAR-3 FL 950  
 1159 WDEO-6 FL 930  
 WCIX-6 FL 1110  
 1232 Cuba-2  
 1829 KATC-3 LA 1135  
 1840 WLBT-3 MS 960  
 1845 KARK-4 AR 950  
 1859 KETS-2 AR "  
 1929 KCMO-5 MO 945  
 5 Es 1648 Cuba-3, 4, 5 & 6  
 1658 WPBT-2 FL 1110  
 1759 WCIX-6 FL "  
 WPTV-5 FL 1040  
 1804 WSAV-3 GA 685  
 1839 WRBL-3 GA 755  
 WTVY-4 AL 840  
 2029 WSM-4 TN 630  
 Nashville  
 WTVF-5 TN 630  
 Nashville  
 7 Es 1229 WJXT-4 FL 810  
 8 Es 1430 WTVJ-4 FL 1110  
 1443 WCIX-6 FL "  
 1500 KJAC-4 TX 1230  
 1529 WLBT-3 MS 960  
 1558 WDIQ-2 AL 855  
 1832 WCBT-4 MS 830  
 1915 WNGE-2 TN 630  
 10 Es 0825 WESH-2 FL 885  
 0859 KETS-2 AR 950  
 KARK-4 AR "

Eastern TV-DX

July 1981  
 10 Es 1058 WLEF-4 IL 705  
 Rock Island  
 1059 WOC-6 IA 705  
 Davenport  
 13 Es 1917 KTBS-3 LA 1110  
 1920 KPAL-6 LA "  
 1929 KARK-4 AR 950  
 1932 KFLA-3 TX 1275  
 2159 KJRH-2 OK  
 18 Es 2159 KPCA-2 MN 1095  
 KQFE-2 ND  
 KUSJ-2 SD  
 2317 KTBS-3 LA 1110  
 KATC-3 LA "  
 21 Es 1434 WBRZ-2 LA  
 22 Es 0729 WTVJ-4 FL  
 0735 WCIX-6 FL  
 0744 WEDU-3 FL  
 0759 WDEO-6 FL  
 Cuba-5  
 0826 WEAH-3 FL  
 0906 WDSU-6 LA  
 23 Es 1859 KFLA-3 ND 1240  
 Bismarck  
 1910 KJRH-4 ND 1095  
 1920 KFYR-5 ND 1240  
 Bismarck  
 1940 WISN-3 WI  
 26 Ms 1228 WNGE-2 TN  
 Es 1329 WCIX-6 FL  
 1358 WPTV-5 FL  
 1359 WSB-2 GA 660  
 1427 WKRG-5 AL  
 1429 Cuba-2 & 4  
 1448 WPR-6 PR 1680  
 San Juan  
 1450 WPR-3 PR 1650  
 Mayaguez  
 1457 WPA-2 PR 1680  
 San Juan  
 WPA-4 PR 1680  
 San Juan  
 1500 Woha-5 PR 1650  
 Mayaguez

Richard Reese; continued---

July 1981  
 26 Es 1559 KABL-6 MN 825  
 Austin  
 KBJR-6 MN 855  
 Duluth  
 1629 WQWT-6 NE  
 WPT-2 LA  
 1759 WTVJ-4 FL  
 1829 WWL-4 LA  
 28 Ms 0658 WTWO-2 IN 555  
 1915 WDTN-2 OH 380  
 Dayton  
 August 1981  
 2 Es 1959 WPBT-2 FL  
 6 Es 1059 CBHT-3 NS  
 1129 WESH-2 FL  
 1229 WERS-2 FL  
 WTVJ-4 FL  
 Ms 1329 KETS-2 AR  
 Es 1443 WBRZ-2 LA  
 1625 KTBS-3 LA  
 1629 KATC-3 LA  
 1731 WPTV-5 FL  
 1733 WCIX-6 FL  
 1759 WTVY-4 AL  
 WCTV-6 FL  
 1959 KPRC-2 TX  
 2000 KJAC-4 TX  
 2129 KATC-3 LA  
 WHAB-2 MS  
 2159 KPCA-2 MN  
 2229 KDLH-3 MN  
 2255 KARK-4 AR  
 KFTV-3 MO  
 2310 WOI-5 LA  
 2318 WEAR-3 FL  
 2329 WQWT-6 NE  
 KMTV-3 NE  
 2359 KETS-2 AR  
 7 Es 0002 WESH-2 FL  
 8 Es 1805 WESH-2 FL  
 1817 WJXT-4 FL  
 1949 WTVJ-4 FL  
 2030 KNOP-2 NE

January 1982

August 1981  
 8 Es 2030 KDFW-4 TX  
 2058 KETS-2 AR  
 2059 KFDX-3 TX  
 2105 KAMR-4 TX t  
 KXTX-5 TX t  
 9 Ms 0959 WLEF-3 MS  
 Es 1158 KCKT-2 KS  
 11 Ms 1923 KATC-3 LA  
 12 Ms 0859 WEAR-3 FL  
 0959 WESH-2 FL  
 1059 WSKJ-2 TN  
 Sneedville  
 WCAAX-3 VT  
 13 Ms 0650 WSB-2 GA  
 Es 2045 KPRC-2 TX  
 WESH-2 LA  
 16 Es 2127 KTBS-3 LA  
 22 Tr 0859 WFSB-3 CT  
 1029 WTNH-8 CT  
 New Haven  
 29 Tr 0829 WCAAX-3 VT  
 September 1981  
 4 Tr 1959 WLEF-6 FL  
 New Bedford  
 WJAX-10 RI  
 2029 WPRI-12 RI  
 Providence  
 October 1981  
 7 ae 2129 KJRH-2 OK  
 2157 KETS-2 AR  
 KOET-3 OK  
 9 Tr 1815 WENN-32 DC  
 14 Tr 0729 WONY-24 NY  
 au 1820 Unideas; very  
 brief.  
 15 Tr 2146 WSPF-45 ND  
 23 Ms 1029 WVAR-2 MD 130

"This is my first report to Eastern TV-DX since joining WTPDA. My equipment is an RCA 9" beam TV, 1980 model, with home made VHF antenna and a 7" loop for UHF. Reception on VHF in all directions except NNE of up to 250 miles is common, but beyond that is rare. Reception beyond 150 miles on UHF is rare.

quite a bit of Es seen this summer but not much tropo. Forty-four new stations were logged bringing my total to 215. 35+ US, 6 Canadian, 2 Foreign, 44 tpu's!

Robert Grant; 5775 Bishop, Detroit, MI 48224 EDT (313)-884-3025 before 10 P.M. 9-3-81 Tr 0215 CKCO-4-11 ON 9-12-81 Tr 1000 super-but ant. is down for roofing. (w/3000\*%2&w/3000\*111)

"When I put my V-90 back up it will be accompanied by a Finco P-7 dish. No amplifier is planned because of overloads from 20, 50 & 62.

I have 31 U.S. states, not 32. I have found out that WCYB-5 is in TN and not VA as I had thought.

In the Sept. WUD I incorrectly stated that the Cuban station had audio 6 Mhz above the video. What I had meant to say was that the channel was 6 Mhz wide. The audio was 4.5 Mhz above the video. (U.S. standard)."

Greg Kelley; 211 St. Clair Ave S.W., New Philadelphia, OH 44663 EST  
 October 1981  
 4 Tr 2000 WwVU-24 WV 90  
 WRET-31 MI 150  
 WTV-36 KY 215  
 October 1981  
 4 Tr 2000 WUTV-29 NY 190  
 WFFT-55 IN 170  
 14 Tr 0800 WENY-36 NY 230  
 October 1981  
 14 Tr 0800 WBRF-28 PA 260  
 WNEP-16 PA 270  
 Scranton

Eastern TV-DX

October 1981

14 Tr 0800 WJTV-29 NY 190
WJVC-34 NY 275
Binghamton
WICZ-40 NY 275
Binghamton

Greg Kelley; continued---

October 1981

22 Tr 2200 W58AK-OE 80
All Erie U's.
WJTV-29 NY 190
November 1981
1 Tr 0730 WYI-20 IN 225

January 1982

November 1981

1 Tr 0730 W65AH OH 55
W69AO OH 35
W47AB OH 80

Log totals at 177, with 24 states. The last several days of October has been great for Detroit, as all UHF from there has been viewable every day.

Well, never did get my tower, or the new preamp.. guess that will wait till Spring. I did however, put my B-T preamp right on the feed section of my 5' dish. It did make a considerable improvement. Usually some signal from 65, 69, and 47 (translators) comes in each day and I do feel the Jerrold CAC-11 cable has been a help. I've been thinking about a 7' dish in the Spring... could any member out there, tell me how the Penco 7' compares with the OM 7'??

William R. Hepburn; 5659 Highland Ave., Niagara Falls, OH L2G 4X2 LDT-LST
Here's my TV-DX report for October 1981. Only one day of tropo - to Elmira/NE Penn. - rare from here. Some weak Ls or something 27th thru 29th. Other than that - nothing else to report. Log totals now 224."

October 1981

14 Tr 0146 WXYZ-7 MI t
0722 WICZ-40 NY 175
Binghamton
WJVC-34 NY 175
Binghamton
WSKG-46 NY 175
Binghamton
0734 WVEB-28 PA 210
Wilkes-Barre

October 1981

14 Tr 0734 WDAU-22 Pa 210
Scranton
WNEP-16 Pa 210
Scranton
0739 WJTM-18 NY 130
Elmira
0801 Detroit 4,20,50,62
0832 WVLA-44 Pa t
Wilkes-Barre

October 1981

14 Tr 0835 CBET-9 ON 205
WINT-31 MI 240
WUHQ-41 MI 315
0839 CJOH-13 ON t
1812 W30AA-30 NY t
27 Es? 2221 ch.2
28 Es? 2104 muf to ch.3
29 Es? 2246 muf to ch.3

Michael P. Hollis; 102 Star St., Enterprise, AL 36330 CST

October 1981

23 Tr 2200 WAGT-26 GA 270
WFDW-12 Ga "
24 Tr 1130 KNOE-8 La 390
KLTM-13 La "
31 Tr 2350 WSPA-7 SC 340

November 1981

1 Tr 0035 WNEP-16 PA 900
Scranton
0040 WVLA-44 Pa 900
Scranton
0048 WGBS-40 MA t
0124 WJZY-2 NC 490
Greensboro
0020 WTVT-30 CT 1040
Hartford

November 1981

1 Tr 0127 WXII-12 NC 470
WLOS-13 NC 350
WSOC-9 NC 400
WPCQ-36 NC "
0505 WILR-28 PA 900
Wilkes-Barre
0520 WTVG-9 IN 270
WDEF-12 TN "

"I got a real treat on Halloween. I had returned home from a friends house around 2300 and was getting the normal +300 tropo to the Northeast. A high pressure system had been holding all week in the Northeast so I was expecting some good tropo as it was beginning to move Eastward. However, I never expected to pick up stations in PA & CT from Southeast Ala. WTAF & WNEP were received with light snow picture quality. The only bad part of the opening was I didn't get any photos as they faded at I.D. time or I wasn't quick enough with the camera. Well, anyway, I got enough program material to qsl all the stations and have already received verifications from WVLA-44 and WTVT-30. WTVT said in their letter I was the longest reception in their history."

Greg Kelley; 211 St. Clair Ave. SW, New Philadelphia, OH 44663 BST

November 1981

10 Tr 1800 WMAZ-68 KY 270
Louisville
WTKX-19 KY 220
Newport
Cincinnati U's
W5VI-47 Va 240
W6KY-32 KY 270
WDRB-41 KY "

November 1981

10 Tr 1830 WMUL-33 WV 150
(now WPEY-wd)
WTVQ-36 KY 240
1900 WKON-52 KY 260
Owenton
1930 WKSQ-29 KY 290
Somerset
2300 WKYE-57 KY 250
Hazard

November 1981

10 Tr 2300 WNAS-11 KY 270
Louisville
13 Tr WLDU-16 IN 230
WFUM-28 MI 190
WUHQ-41 MI 220
WGVG-35 MI 250
WCMU-14 MI 240
Log total: 186; States:24
UHF: 105, VHF: 81, CN: 15
Hazard

Xltrs: (USA) 4. "We drove up on the hill where new houses will be built. With an elevation of 1100' (200' above us), I decided to take along the battery operated TV. WMAZ-15, Parkersburg at 110 mi. was normal reception with only a bow tie! Think of what a 7' dish would do!!!!!" (sounds like a hot spot--wd)

Eastern TV-DX

Bill Fahber; 336 Atlantic St., Bridgeton, NJ 08302 EDT

"Sorry to hear about Steve's New York pen problems. He should get a DX pen, the kind with frequent skips. Speaking of skip, I got a surprise on October 20. I was checking my shortwave's calibration by producing a third harmonic (55.26 Mhz + 3= 18.24Mhz) on WMAA-2. Not much else to do on a rotten DX night. When I switched off the SW at 0014, I was still getting 5 1/2 Hz cci from a CBS station. After half a minute it wiped out WMAA until 0018, then weakened until it disappeared at 0023. It came back on strong at 0027 with WMAA-2 i.d. I got an unidid PBS at 0030. Muf reached ch. 4 at 0036 (CBS station, maybe WCCO in Minneapolis) and ch.5 at 0037 (NBC, probably WJTV in Green Bay) a ch.3 at zero offset came in at 0101, and CBS ch.3 at 0109(WISC in Madison could qualify for both). (So could KDLA-wd). Skip faded out completely by 0120.

I had electric problems on the night of 10/31 - 11/1 so the preamp was out, but I got some good WJF during a hot tropo opening. The logging of WJNK-25 on 10/15 was odd, since I couldn't even get in Virginia that night. The tropo opening of 11/3-4 was the best so far this year. A weather report described two high pressure areas over Pennsylvania and off the Carolina coast, which could explain why I could log North Carolina but not New England.

The WJYH i.d. on ch.19 on 11/4 is a puzzle but if W19AL could pick up W25AA (which was relaying WJYH at the time) it would also rebroadcast WJYH. Just imagine, from Lebanon, PA to Craddockville on ch.15; thence to Onancock on ch. 52, thence to Jacksonville, NC on ch.25, thence to Bridgeton on ch.19!

My previous report complained about images produced by the preamp. That was on the large quasar II color set. I'm now using a 12" portable Zenith box. The only images I get now are 15 channels below, and they are pretty faint and rare. But I get plenty of harmonic interference when the other set is on VHF stations.

With UHF DX nearly gone, I decided to disconnect my UHF dish from the preamp and connect my UHF-VHF antenna. The UHF corner reflector is worthless for DX, but locals come in strong on the preamp. This should help scatter log-jings during the heavy snows in December and January. BS watching has been horrible lately. KRW-3 is on all night, and a weak signal from a local cable system on channel 2 not using NTSC rates just ruins any burst coming in, since my set doesn't have enough time to straighten out the horizontal sync. lines. I did manage to get WJCE in Nashville on 11/19 at 0408. They had what appeared to be an all night weather service rebroadcasting a VHF radio weather service and a weather map. The bottom read "WJCE TV2 NASHVILLE" in white letters over black."

October 1981

1 Tr 0054 WCNV-24 NY 247
Syracuse
WJVC-34 NY t
0056 WJYG-12 NY 186
WSKG-46 NY "
4 Tr 0830 WJAG-25 MD 146
WMPB-31 MD "
14 Tr 0040 Unidid-24; ABC
15 Tr 0006 WJLN-7 NC 242
(7 1/2 Hz cci over WJVC)
WJLT-12 VA with
300 Hz cci.
0010 41,44,60 xltrs
from Onancock.
27,33 Driver, VA
WTVT-30 CT 202
0034 WCDC-19 MA 249
0117 WCTI-12 NC 321
0130 W59AA CT 176
0134 WATR-20 CT 186
0223 WPTA-28 NC 325
0227 WTAR-3 s/off;
W44AD xiting KYW-3
0250 W63AM VA 130
0301 WWLP-22 MA 227
0304 WJNE-6 MA 261
0305 W64AS xiting
WPRI & WCTI w/240
Hz cci.

October 1981

15 Tr 0308 WGGT-48 NC 351
Greensboro (15
Hz over WKBS.)
0312 W44AD xiting
KYW-3
0710 Unidid-19; CBS
WENY-36 NY
Elmira
Unidid-43; PBS
0718 WSKG-46 NY t
2230 WCDC-19 MA 249
WSKG-46 NY 186
WVIT-30 CT 202
W3MW-27 MA 273
(cci w/WYAE varying
from 120-280 Hz.)
2318 WWSG-57 w/cci
WSBE-36 RI t
WLVJ-56 MA t
2330 WJNK-25 NC 297
Greenville
16 Tr 0548 WJNE-25 MA 290
20 Es 0014 lasted until
0120.
21 Tr 2200 15,27 Driver, VA
WJCT-18 CT 206
WEDH-24 CT 207
WVIT-30 CT 202
WJEX-8 VA 183

October 1981

21 Tr 2226 W62AY MD 121
WCDC-19 MA 249
W3MW-27 MA 273
WNEC-13 VA 192
WVIT-30 CT 202
WJBT-12 VA 180
Unidid-36; PBS
2336 WJAG-25 MD 146
WMPB-31 MD "
2351 Unidid-63; PBS
(maybe image)
22 Tr 0017 WJZ-13 image &
CBS audio.
0024 WEDW-13 SC 416
Florence
31 Tr 2346 WSLI-10 VA 307
(360 Hz over WCAU)
November 1981
1 Tr 0031 WVVA-6 WV 355
Bluefield
2 Tr 2315 WCCR-50 DC 101
Washington
3 Tr 2300 WJEX-8 VA 183
15,27,33 Driver
VA.
W19AB NC 345
WJNK-25 NC 297
heavy cci on WETA-21

January 1982



Eastern TV-DX  
November 1981

3 Tr 2300 WUNJ-39 NC 389  
Wilmington  
2332 Onancock; 41, 44,  
60 Mtrs.  
2345 WITN-7 NC 242  
4 Tr 0015 WNET-12 VA 180  
0020 W25AA relaying  
WNAZ-53 on 26 and WJTT-52  
on 25.  
0025 W63AK VA 130  
0033 WAVY-10 VA 192  
0100 WPTF-28 NC 325  
0104 W25AA relaying  
WPEL-15 on 25 & WBOC-16 on  
26 (W52AB must have kicked  
back on.)  
0110 Unided 53 CBS  
" 58 " "  
" J.J. PBS on 73;  
no RC signals in VBI so must be  
relaying WJFS-23 since  
50, 52, 58 all are RC; must  
be W73AS Mtr of WCVB-23.  
0129

Bill Pantler; continued---  
November 1981

4 Tr 0129 W25AA; shut off  
0132 WTVB-11 NC  
0137 W25AA relaying  
WJTT-52 on 25.  
0151 W60AL relaying  
WNET-12 audio  
on ch. 59.  
0212 WCTI-12 NC 321  
W64AS relaying  
WCTI on 64.

George Rogers; 320 Lafayette Rd., Chicamauga, GA  
30707 EST-EDT

September 1981

29 Tr 0832 WTVN-7 IN 275  
October 1981  
1 Tr 1127 WTVY-4 AL 317  
1128 WFTC-4 SC 195  
1130 WRML-3 GA 224  
WLBZ-3 MS 389  
3 Tr 1210 KATV-7 AR 459  
7 Es 2115 CKPR-2 ON 1348  
16 P2 1235 WBC-1 HI 5  
TVA-1 41.25

November 1981

4 Tr 0235 W25AA relaying  
WLYH-15 on 25  
so W52AB must be  
back on.  
0252 WLYH seen on ch.  
19.  
W52AB relaying  
WLYH-15.  
October 1981  
24 Tr 0840 WSPA-12 AL 218  
0850 WALB-10 GA 314  
0900 WALA-10 AL 385  
0905 WJHG-7 FL 397  
0930 WFTV-4 AL 317  
0945 WFTS-13 FL 397  
WTTN-13 AL 145  
November 1981  
10 Tr 2125 WNC-5 TN 322  
2140 KATV-7 AR 459

November 1981

10 Tr WKHO-10 TN 322 2150  
11 Tr 0825 WBEJ-7 VA 260  
WMAZ-2 MS 275  
0928 WKUW-21 KY 250  
0930 WAIQ-26 AL 105  
21 P2 1120 WBC-1A  
22 Es 2000 KGWJ-2 CO 1317  
2015 KOKA-4 CO "  
25 Tr 0810 WTVF-5 TN 129  
WVGE-2 TN "  
0815 WERC-6 AL 145  
0835 WFTM-13 AL "  
2025 WKSO-29 KY 160

November 1981

25 Es 2035 WFLA-2 TA 1100  
26 Tr 0845 WALA-10 AL 385  
0850 WENG-42 AL 145  
0905 WKRQ-5 AL 385  
0950 KATV-7 AR 459  
1040 WDLA-2 AL 305  
Dozier  
1140 WTVY-4 AL 317  
28 Tr 0845 WOVL-15 AL 175  
0848 WAPT-16 MS 389  
Jackson  
0850 WCOV-20 AL 213  
WDAZ-7 MS 379

November 1981

28 Tr 0855 WSLA-8 AL 225  
0935 WLTZ-38 GA 224  
0940 WLOX-13 MS 420  
0945 WHTV-24 MS 296  
WTOK-11 MS "  
1000 KATV-7 AR 459  
1315 WNC-5 TN 322  
29 Tr 1010 WETV-30 GA 113  
1110 WCVB-41 GA 198  
1330 WVEU-69 GA 113  
Atlanta  
Total stations: 517

"I would like to wish all WFDAs members a very Merry Christmas and a Happy New Year and have them reading my report to please send me their TV Guide edition to me. I plan to make a logo mural poster to hang in my room. In 81 we had DX fun but in 1982 DX will come thru!"

Steve Sprachman; 3939 Lve Drive, Seaford, NY 11783 EST-EDT  
"Between the elections, traveling, and the holidays, who has a chance to write? Now that things have calmed down, here's my report:"

Days with Tropo - Oct. 5, 14, 15, 17, 18, 20, 21, 22. Nov. 5, 26. Highlights:

October 15 Tr 1700 WLYH-15, WNEP-16, WNET-17, WNET-18, WDCG-19, WWLP-22, WXNE-25  
WITN-27, WERE-28, WITF-33, WSBK-38, WLVI-39, WGGB-40, WTVB-51, WNAZ-53, WFTI-54  
WLVI-56, WREB-65.

October 21 Tr 2000 UHF from Providence, RI to Salisbury, MD.

October 22 Tr 0730-1000 great Tropo - All UHF from MA, Eastern PA, NJ, CT, plus  
20, 26 from DC, 22, 45, 47 from MD. WFF - 3, 6, 12 Philadelphia, 10, 12 Providence,  
WJZ-13 Baltimore, WCVB-5 and WNAZ-7 Boston.

November 5 Tr 1830 UHF from Boston to Philadelphia.

also - from Lubec, ME: Oct. 11-13 Tr WED-13 Calais, WVII-7 Bangor, CKLT-9  
St. John, N.B.

"My 'equipment' in Maine was my 'cheapie' AM, FM, TV radio. The people I stayed  
with had cable (the cable antenna, including earth station were less than a 1/4  
mile away.) They told me that they sometimes get ch.11 (Yarmouth, NS) through  
22 cable channel. When it comes to lack of stations, Lubec is very desolate.

Eastern TV-DX

On AM there are no local stations at night (nearest local AM is 25 mi. away on  
1400 KHz). On FM there are several CAC FM's that don't I.D. - a couple, I  
couldn't find listed anywhere. The radio station my friend was listening to  
was WBL - 1030 AM. On the positive side - no local low band WFF-TV. There  
aren't too many places on the east coast like this. And the local scenery is  
beautiful. I hope to go back for another visit next fall. That's it for now.  
I hope every one has a great 1982."

William J. Draeb; Ellis St. R.R.#2, Kewaunee, WI 54216 CST  
November 1981

4 Tr 0540 W36AB MD 542  
Oakland  
0540-0800  
WPTT-22 PA 480  
WPGH-53 PA "  
WNEO-45 OH 406  
Youngstown U's 420  
WUOC-44 OH 427  
5 Tr 1915 WTVV-36 KY 473  
WVLE-46 KY "  
8 Tr 1650 WPTT-22 PA 480  
1932 WNET-48 OH 400  
9 Tr 1821 KCBJ-17 MO 450  
1915 KDNL-30 MO 432  
KILN-36 IL 457  
10 Tr 0632 KMTC-27 MO 589  
KMLD-29 NE t  
0640 KDNL-30 MO 432  
KCBJ-17 MO 450  
0659 KOKI-23 OK 725  
KDMA-41 MO 525  
0702 KCCO-41 OK t  
0705 KGMG-34 OK 820  
0710 KTVB-29 AR 683  
KLNH-24 AR t  
0730 KOLR-21 MO 589  
1855 WCEB-48 OH 400  
WLYK-32 KY 437  
WTVV-36 KY 473  
WVLE-46 KY "  
WDRB-41 KY 437  
WKSO-29 KY 538  
WVLE-46 WV 515  
1905 WBO-42 OH 461  
11 Tr 2111 WCEB-48 OH 400  
12 Tr 0540 WPTT-22 PA 480  
WPGH-53 PA "  
WUTV-29 NY 445  
0659 WPCB-40 PA 480  
0602 Youngstown U's  
0610 WJET-24 PA 405  
WSEB-35 PA "  
0613 WCEB-48 OH 400  
0615 W36AB MD 542  
0625 WTVV-36 KY 473  
0635 WPEY-33 WV 498  
0704 WNEO-45 OH 406  
WVU-24 WV t  
1750 WJET-24 PA 405  
WSEB-35 PA "  
WUTV-29 NY 445  
CELFT-44 ON 458  
CELFT-34 ON 374  
W47AB OH 358  
WQLN-54 PA 405  
W46AB NY 406  
CHMT-47 ON 410  
CICO-19 ON "  
CELFT-25 ON "  
WNPE-16 NY 600  
WNEP-16 PA t  
WVIA-44 PA t  
CELFT-76 ON 345

Steve Sprachman; continued---

12 Tr 1750 CITY-79 ON 410  
1812 WJFF-31 NY 500  
1830 WJBT-27 KY 473  
WTVV-36 KY "  
WVLE-46 KY "  
WLYK-32 KY 437  
WPEY-33 WV 498  
WVLE-47 VA 587  
WNET-48 OH 400  
WVPC-15 KY 437  
WVLE-42 OH 461  
WMSY-52 VA 617  
(minus offset)  
14 Tr 1825 WKON-52 KY 437  
(plus offset)  
1904 WBSJ-52 OH 395  
(zero offset)  
WVLE-57 KY 551  
CINR-22 ON 413  
1912 WNEO-45 OH 406  
WUOC-44 OH 427  
WBTI-64 OH 400  
1944 WCVN-54 KY 407  
1951 WPTI-22 KY 554  
2046 WKMA-35 KY 551  
2056 WRGB-53 KY 530  
2108 WTKX-19 OH 400  
2113 WKSO-29 KY 538  
2117 WPGH-53 PA 480  
2118 WPTI-51 VA t  
WLYJ-46 WV 515  
WZTV-17 TN 585  
2149 WKEW-7 NY 445  
13 Tr 0445 CATO-9 ON 410  
0505 WSVN-47 TN 587  
0745 WKON-52 KY 437  
WVLE-46 KY 473  
WVLE-42 OH 461  
WPEY-33 WV 498  
WBTI-64 OH 400  
WKMA-35 KY 551  
WMSY-52 VA 617  
WUOC-44 OH 427  
WCVN-54 KY 407  
WCEB-48 OH 400  
WQLN-54 PA 405  
WJET-24 PA "  
WSEB-35 PA "  
Buffalo U's  
CHMT-47 ON 410  
0804 WXYH-57 KY 551  
0826 WKAS-25 KY 486  
1733 WUHF-31 NY 500  
Buffalo U's  
Erie U's  
CELFT-25 ON 410  
CICO-19 ON "  
CHMT-47 ON "  
W46AB NY 406  
WXXI-21 NY 500  
(snow free)  
1747 WCNV-24 NY 575 (more DX next month-wd. 23

January 1982

13 Tr 1747 WUHF-20 NY t  
CELFT-44 ON 458  
1836 WBAO-49 OH 380  
WNEO-45 OH 406  
WVLE-47 VA 587  
WCEB-48 OH 400  
WUOC-44 OH 427  
2058 WUST-16 IL 402  
WVUT-22 IN 405  
KDNL-30 MO 432  
Evansville U's  
WKMA-35 KY 499  
W59A(WGN) 100  
Iron Mt., MI  
W64AR(WJAH) 100  
Iron Mountain, MI  
(previously seen  
on ch. 61; now  
on ch. 64)  
15 Tr 1929 W70AO(WISN) 65  
(very strong)  
No sign of W75AJ  
must be off or  
something.  
21 Tr 1945 KDNL-30 MO 432  
Es 2050 KUTV-2 UT t  
KTVX-4 UT t  
22 Tr 1922 KDNL-30 MO 432  
WPEY-33 WV 498  
1936 WCEB-48 OH 400  
WVLE-46 KY 437  
WDRB-41 KY "  
23 Tr 1800 WPTT-22 PA 480  
WPGH-53 PA "  
1900 WKPC-15 KY 437  
WVLE-46 KY "  
WDRB-41 KY "  
24 Tr 1952 KDNL-30 MO 432  
1956 KCBJ-17 MO 450  
1958 KYFC-50 MO 525  
25 Tr 1934 WLYK-32 KY 437  
WTVV-36 KY 473  
WVLE-46 KY "  
WCEB-22 TN t  
27 Es 2020 +2; South  
28 Tr 0720 KDNL-30 MO 432  
0818 KCBJ-17 MO 450  
1530 WKMA-35 KY 499  
1539 WKMU-21 KY 553  
WUST-16 IL 402  
1725 Evansville U's  
WKOH-31 KY 467  
1730 WDDD-27 IL t  
(10 khz ccl on  
WKOH in that  
(WDDD's direc-  
tion.)  
1736 WPCB-29 KY t  
1800 WKPC-15 KY 437  
WCEB-22 TN 589  
WVLE-46 KY 437  
WDRB-41 KY "

# SPECIAL REPORT

## ch A2 F<sub>2</sub> event

# Lights, Camera, ...DX

Ch A2 F<sub>2</sub> event: Wednesday, November 25, 1981

CSI used

- 0810, during an intense 50-MHz opening into Latin America (mostly Ecuador and Colombia areas) a strong slanting CCI pattern began to cover the 190-mi tropo signal from Ch 2 in Houston (which was above normal level itself).  
-after several minutes of just CCI it became evident that there was a test pattern of grids and squares in there; at this time the fading and multi-path ghosting was too rapid to attempt a 1/8-sec photo exposure.
- 0830? Sometime later programming commenced with two seated men conversing (interview?).  
By this time, though up to a half-dozen unevenly spaced and variously polarized ghosts were present, the fading was slow enough (and the sync stable enough) that several photos would have probably been possible (which to my chagrin I did not attempt!)
- 0845, video much the same - never any audio; I would guess that the MUF was in the 56 to 57 MHz area at best
- 0900, rapid fall down in strength (almost a dissolve effect as the MUF fell)
- 0905, only the Ch 2 Houston tropo signal left (now much weaker due to the daytime heating)

I have only had 2 previous Ch A2 F<sub>2</sub> events.

One was on March 8, 1970 (the day after the total solar eclipse; and the largest magnetic storm of Cycle 20) around 1730 cst wherein Ch 2 was crammed full of CCI (even audio) like the wildest of Es events, while Ch 3 was serene with a Corpus Christi tropo signal.

The other, in April of 1979 (also in the afternoon period), was much like this event. I'm fairly sure that they were from the same station, probably in Colombia.

Like the 1979 event, I tried to spread word on the 6-meter 28.885 MHz info net. But as before, it seemed to leave little impression on most of those there.

During the fall of 1979, when intense 50-MHz Alaskan openings were often noted, I had kept the TV that way with Ch 2 on to no avail. This was also done this season during many of the Latin American 6-m events, again without even a hint of signal until this date.

Mr. Pat Dyer, WABYX  
5315 Silvertip Drive  
San Antonio, Texas 78228

by ROBERT GRANT

Do you shoot home movies? If so--you can keep the memory of your TV DX loggings in motion with your home movie camera. And you can take pictures for printing in PHOTO-NEWS when you please.

For best results, use a daylight-balanced, ASA 25 film and set the lens at f/2 if your camera has a manual override. With ASA 40 tungsten film use the yellow conversion filter and f/2. With ASA 160 tungsten film use the filter and f/4.

If you do not have a close up lens stand about 5 feet from the TV screen. Your zoom lens should be at the widest setting. You can always move the projector back to get the largest TV screen image.

Turn off all room lights or your movies will be ruined by reflections. If your movie camera is not an SLR type you must compensate for parallax. If the viewfinder is 3" above the lens you must aim the view 3" above the center of the CRT.

Start the camera rolling just before you think an ID is about to be shown. It is also a good idea to include names of newscasters in your movies. I have often forgotten these names when I want to write for a QSL.

A clock on the TV is also a good idea.

The projected TV DX movie will flicker. Because of this, still exposures off the movie screen must be time exposures of  $\frac{1}{4}$  second or longer. Use a very fast B&W film.

# VHF UTILITY DX

Donald L. Slevins  
1715 Earhart road  
Baltimore, MD 21221  
phone: 301-574-2714

This month's feature will continue the series on mobile radio telephone frequencies. May I remind you to refer to the legend provided.

**IOWA**

Cascade	YK
Bloomfield	JK
Brooklyn	YJ
Cedar Rapids	JL YR
Centerville	JL
Chariton	YP
Chelsea	JS
Clear Lake	YK JS
Coon Rapids	JS
Cresco	JR
Creston	JK
Cumberland	YK
Des Moines	YJ YK YS YR
De Soto	JR
Dubuque	JS
Eldorado	JR
Elk Horn	YP
Emerson	JS YS JR
Fairfield	YS
Forest	JR
Fort Dodge	JP JK
Gowrie	YL
Harian	YK
Havelock	YJ YK
Harper	JR
Knoxville	JP
Lawton	YJ
Lidderdale	YS
Logan	JP
Manchester	YJ
Mount Ayr	YS
Mount Pleasant	YL
Newton	YL
Ringsted	YS
Rockford	YJ Jk
Sanborn	JR
Schaller	JL
Sioux Center	JP JK
Sioux City	YL YP
Waterloo	YP
Wellman	YK
West Branch	JK
West Liberty	JP
Wilton	JP
Woodward	JL

**KANSAS**

Ashland	YP
Brewster	YJ
Burdett	JR
Chanute	YP
Conway Springs	JR

**KANSAS**

Delevan	JS
Dodge City	YJ
El Dorado	YK
Ellinwood	JP
Emporia	YJ
Garden City	YP YS
Girard	JR
Grainfield	YP
Great Bend	JL YJ YR
Harper	YP
Haviland	YL JK
Hays	YL YK YR
Hutchinson	YK
Independence	YJ
Junction City	JK
Kendall	JP
Lawrence	Jh
Lenora	Jh
Leoti	JL YR
Liberal	YL YK
Long Island	JP
Manhattan	YK
Meridian	JP
Natoma	YK
Newton	YP
Olpe	JP
Potwin	JS
russell	YL YS
Salina	JL YP YJ
Scott City	YK
Sharon Springs	YL
Topeka	YP
Tribune	YR
Udall	JP JS
Ulysses	JL YJ
Wellington	YK
Wichita	JL YP YS YR

**KENTUCKY**

Ashland	JK
Bowling Green	YL YK
Calvert	JP
Cave City	YP
Florence	YS
Frankfort	JP JS
Irvington	JR
Lewisport	JS
Lexington	JL YL YP YK YR
	JK JR
London	JP
Louisville	JL YJ Yr JK
Morganfield	JL

## VHF UTILITY DX

### KENTUCKY

Owensboro	YS JK
Puducah	JK
Pikeville	JP YR
Prestonburg	YJ YR
Winchester	YJ

### LOUISIANA

Alexandria	JP JR
Baton Rouge	YP YJ
Bonitia	YK
Buras	YP
Cameron	JS
Collinston	JR
Delcambre	YP JS
Erath	JP YR
Franklin	YS
Gonzales	JK
Houma	JS YR
Jennings	YJ YS
Lafayette	JL YL YK JS
	JR
Lake Charles	JL JP YR
Larose	YL YK
Leeville	JK
Marion	YJ
Monroe	YL JS JK
Morgan City	YL
New Orleans	JL YJ YS JR
Plain Dealing	JR
Port Sulfur	JP
Shreveport	JL YL YP

### MAINE

Augusta	JR
Bangor	YJ
Houlton	YJ
Lewiston	JP
Lovell	YL
Norridgewock	YK
North Anson	YP
Portland	YJ
Presque Isle	JP
Rockland	JP
Stratton	YJ
Strong	JS
Union	JK
Unity	YS

### MARYLAND

Annapolis	JP
Baltimore	JL YJ YR JR
	QC QA QP ZL
Chestertown	YL
Cumberland	YL
Easton	YJ
Fredrick	YL
Hagerstown	YJ
Havre de Grace	YK
La Plata	YL
Oakland	YJ
Rising Sun	YK
Salisbury	YL

### MASSACHUSETTS

Boston	JL YL YP YK JK
	QB QK QD QE QP
	QE
Brocton	YS QY
Hyannis	JS
Lawrence	JP QY
New Bedford	JP
Pittsfield	YS
Springfield	JP YP YJ
Worcester	JS JR QO

### MICHIGAN

Adrian	YJ
Alma	JR
Alpena	YJ
Ann Arbor	JL
Benton Harbor	JR
Cadillac	JK
Camden	JL
Chesaning	JP
Detroit	YL JP YP YK YJ
	JS YS YR JK QC
	QD QE QB QO QY

Donken	JP
Echerman	YK
Flint	JL YR
Grand Rapids	JL YR
Hiawatha Forest	YL
Homer	JS
Jackson	JK
Kalamazoo	JP
Lambertville	YP
Lansing	YJ JK
Ludington	JL
Manistee	JP
Millington	YS
Monroe	JK
Muskegon	JR
Munising	JK
Osseo	YR
Petosky	JL
Pontiac	JR
Port Huron	JL
Saginaw	YK
Sault Ste Marie	YK
Traverse City	YJ JS JR
Wallace	YR

### FREQUENCY LEGEND

ZL	35.66	QC	454.375
JL	152.51	QJ	454.400
YL	152.54	QD	454.425
JP	152.57	QA	454.450
YP	152.60	QE	454.475
YJ	152.63	QP	454.500
YK	152.66	QK	454.525
JS	152.69	QB	454.550
YS	152.72	QO	454.575
YR	152.75	QR	454.600
JK	152.78	QY	454.625
JR	152.81	QF	454.650

Thomas J. Yingling 221 Pinewood Road Baltimore, MD 21221 EST Time  
 Equipment: Bearcat 101 & 300 † wave ground plane @ 55 feet

11-15-81  
 1240 KSY 276 46.40 Columbia, CA FD Columbia Junior College  
 1243 KDV 876 46.38 Livermore, CA CFD Tassajara Fire Protection Dist  
 1245 KYQ 366 45.70 San Diego, CA SO San Diego County Sheriff  
 1255 WSL 641 45.66 Palos Verdes, CA SO  
 1310 KOH 637 39.82 Billings, MT SO Ravalli County Sheriff  
 1402 KSS 858 45.22 Twain Harte, CA SO Tuolumne County Sheriff  
 1425 KMA 455 45.66 Redwood City, CA SO San Mateo County Sheriff  
 1508 KUN 432 39.80 Auberry, CA SO Fresno County Sheriff  
 1520 KTX 799 39.82 Bozeman, MT SO Gallatin County Sheriff  
 1532 KEX 317 39.18 Coppermine, AZ SO Coconino County Sheriff  
 1541 KCA 999 39.76 Concord, NH SP State Police  
 (through unID Latin Repeater in 44.94)

11-19  
 1650 KMA 412 45.50 Camino, CA SO El Dorado County Sheriff  
 1655 WBC 412 45.38 Auburn, CA SO Fresno County Sheriff

11-26  
 1216 KAN 567 45.60 Sutter, CA SO Amador County Sheriff  
 1244 KMA 341 46.32 Fullerton, CA FD Fire Department  
 1258 WBE 357 45.22 Madera, CA SO Madera County Sheriff  
 1428 KMF 305 45.74 Chowchilla, CA PD Police Department  
 1500 KML 958 46.50 San Rafael, CA CFD Marin County Fire Dispatch

11-27  
 1307 KXJ 300 33.82 Houston, TX Northwest Volunteer  
 1311 KMK 405 46.50 Alhambra, CA City Fire  
 1345 KMA 438 45.58 San Francisco, CA Police Department  
 1350 KFI 462 46.16 Nevad City, CA Goldflat Fire District

11-28  
 1217 KKC 881 44.70 Pawnee, OK Oklahoma Highway Patrol  
 1220 KZK 264 39.76 Helena, MT Lewis & Clark County Sheriff  
 1544 KOA 722 39.88 Missoula, MT Missoula County Sheriff  
 1548 KOA 722 39.82 Missoula, MT Missoula County Sheriff  
 1616 KOE 204 39.82 Deer Lodge, MT Montana State Patrol

Donald L. Blevins 1715 Earhart Road Baltimore, MD 21221  
 Equipment: Bearcat 210 † wave ground plane @ 50 feet

11-22  
 1202 KOE 381 39.82 Billings, MT Yellowstone County Sheriff  
 1208 KOA 580 39.82 Thompson Falls, MT Toole County Sheriff  
 1213 KOA 852 39.82 Havre, MT Police Department  
 1216 KMJ 521 45.70 Dulzura, CA San Diego Sheriff  
 1220 KOA 998 39.82 Sidney, MT Richland County Sheriff  
 1223 KMJ 631 46.14 Bolero Peak, CA Orange County Fire  
 1226 KRG 863 45.50 Placerville, CA Eldorado County Sheriff  
 1228 KMJ 958 46.50 San Rafael, CA Marin County Fire  
 1230 KMA 455 45.66 Redwood City, CA San Mateo Sheriff  
 1230 KMA 428 45.58 San Francisco, CA Police Department  
 1240 KMA 428 45.18 San Francisco, CA Police Department  
 1249 KME 341 46.32 Fullerton, CA Fire Department  
 1250 KOA 287 39.82 Choteau, MT Teton County Sheriff  
 1254 KMF 371 46.32 Pleasant Hill, CA Contra Costa County Fire  
 1255 KMD 661 46.28 Huntington Beach, CA Fire Department  
 1256 KWQ 516 39.82 Libby, MT Lincoln County Sheriff  
 1300 KOA 287 39.88 Choteau, MT Teton County Sheriff  
 1337 KOL 924 45.32 McMinnville, OR Yamhill County Sheriff  
 1337 KME 405 46.50 Alhambra, CA Fire Department

11-22 (Blevins continued)  
 1341 KSX 276 46.40 Columbia, CA Columbia Junior College Fire  
 1343 KND 61 46.50 Woodlake, CA Tulare County Fire  
 1353 KMA 956 45.22 Madera, CA Madera County Sheriff  
 1411 KMF 964 39.98 City of Industry, CA Southern California Air Management  
 1412 KME 293 46.26 Garden Grove, CA Fire Department  
 1415 KAR 957 46.20 San Rafael, CA Fire Department  
 1415 KMJ 958 46.20 San Rafael, CA Marin County Fire Department  
 1420 KBD 696 46.42 North Tahoe, CA Fire Department  
 1420 KCI 995 46.42 Tahoe, CA Fire Department  
 1423 KDZ 376 46.32 La Habra, CA Fire Department  
 1430 KME 358 46.34 Santa Ana, CA Fire Department  
 1441 KMM 601 46.50 Larkspur, CA Fire Department  
 1441 KMH 644 46.32 Brea, CA Fire Department  
 1500 KJI 511 46.06 Cambridge, MD Dorchester County Fire Department  
 1500 KMF 968 46.16 San Clemente, CA Fire Department  
 1611 KOB 246 39.74 Spokane, WA Police Department  
 1644 KUN 432 39.88 Auberry, CA Fresno County Sheriff  
 1651 KOG 907 39.80 Butte, MT Silver Bow County Sheriff

11-28  
 1216 KKC 881 44.70 Pawnee, OK Highway Patrol  
 1216 KKC 883 44.70 Oklahoma City, OK Highway Patrol  
 1218 KUP 598 44.70 Muskogee, OK Highway Patrol  
 1219 KAA 243 42.06 Springfield, MO Highway Patrol  
 1227 KEA 812 44.94 Raritan, NJ State Police

Richard Faloney 222 Robin Road Hershey, PA 17033: passes along some local information.....

York County 155.625 Police "North Dispatch"  
 33.90 Countywide Fire Dispatch  
 154.19 City of York Fire Dispatch

Berks County 155.07 Countywide Dispatch Police  
 453.40/155.01 City of Reading Police\*  
 33.94 County Fire Dispatch (in limited areas)  
 154.43 City of Reading Dispatch  
 154.31 Wocommising & Area Fire Dispatch

Dauphin County  
 460.075 Central Dispatch "County" Police  
 460.025 South Dispatch "County" Police  
 156.21 City of Harrisburg Police Primary  
 155.70 City of Harrisburg Police Secondary  
 45.84 Hershey Police

Lebanon County  
 37.26 Countywide Dispatch Police  
 155.73 City of Lebanon Police  
 33.90 Countywide Fire Dispatch

Lancaster County  
 155.685 Countywide Dispatch Police Primary  
 155.64 Countywide Dispatch Police Secondary  
 154.875 City of Lancaster Police  
 33.90 Countywide Dispatch Fire  
 33.82 City of Lancaster Fire  
 33.60 Ambulance to Hospital  
 33.64 Firegrounds/Main

(State of the Club, cont.)

With the beginning of a new year comes expectations of great things. We'll be issuing an update to the TVSG, and an expanded New Member brochure will soon appear, featuring club rules for counting stations and a DXers Constitution. A new reprint catalog is in the offing, our logo may change, and a new CCI editor is in the wings. The club convention will be held in Staten Island July 30, 31, and August 1. We'll also be offering some special deals on club publications and supplies.

Our membership goal is 350 this year, reversing the downward trend of the last two years. We'll again have a mailing to former WTFDA members, plus we'll drop brochures to those mentioning in other club bulletins they engage in TV-FM DXing. The IRCA/NRC mailing has been scuttled, due to the cost involved. The reported demise of Communications World, however, can only hurt recruiting efforts.

Currently, we have two critical needs- technical articles and a bookkeeper. As mentioned before, those with the expertise are needed to share their knowledge with the membership. We'll help in whatever way possible to get the article in the WUD. A bookkeeper should have some knowledge of basic accounting procedures, but needn't be an expert.

If any group of members is interested in taking over the operation of the club, we'd like to hear from you. We're not waving the red flag or threatening to quit, but after 6 years of operation, the NW Indiana crew would like a rest. We have other things to accomplish in our lifetimes, which would be more easily done minus WTFDA responsibilities. We've stuck around much longer than most crews in the hobby these days, and much longer than some figured we ever would. We enjoy the job, but it's time for a change.

What we say every year at this time is still true: we need your support to keep the club going. Whether it being writing articles, reporting to the columns, or making suggestions for improved club operation, we want to hear from you. If we can be of service, don't hesitate to write, or call Mike Hogan at (312) 868-4392, or John Zondlo at (405) 681-5991.

Have a DXful 1982!

The WTFDA Board of Directors

Morrie Goldman  
Mike Hogan  
Pete Oprisko  
Bill Thompson  
John Zondlo

## TECHNICAL TOPICS



Q: "Which is better for FM DXing--an FM receiver, or, an FM tuner (to be used with a separate audio amplifier)?"

A: In general, separate components offer higher performance from the point of view of the audio enthusiast. For the DX enthusiast, the tuner itself is of more importance than an audio amplifier. Certain FM receivers (a "receiver" being a tuner plus audio amplifier in one unit) are very "hot" DXwise, but tuners will tend to be better "DX machines" due to the fact that they are designed more for the enthusiast than the person who just wants to listen to music. Just as with receivers, some tuners are much better for DXing than others, but you'll get more DX performance per dollar with a tuner. Keep in mind that with a tuner alone, you'll need the companion audio amplifier to drive your speakers.

Q: "Which spec is more important in an FM tuner--sensitivity or selectivity?"

A: These days, even the least expensive of tuners offers very good selectivity--it's not really a problem to produce a sensitive tuner anymore. Selectivity now tends to be much more of a concern. The more sensitive a tuner is to weak signals, the more selective it had better be--otherwise, it won't be very good for DXing. When checking tuner specs, FM DX enthusiasts should make sure that the IHF mono sensitivity figure is about 1.5 uV at 300 ohms (which is also expressed as 8.8 dBf) for optimum weak signal performance. That spec won't be too hard to find on modern tuners, and the lower, the better; but what the FM DXer will need will be very high selectivity and image rejection.

Q: "What's image rejection? How much do I need in an FM DX tuner?"

A: This specification is actually as important as selectivity or sensitivity to an FM DXer, especially to a DXer who has many strong local or semi-local FM signals. Image rejection is often overlooked by the DXer, but should be carefully considered, along with spurious signal rejection. With many strong local signals present, images and mixing products will appear all over the dial--unless image rejection and spurious rejection are high. Image rejection is the tuner's ability to reject signals that are occurring as a result of strong local signal mixing and/or signals of very high local field strength outside the FM band, such as aeronautical transmissions at frequencies around 21.4 MHz above the tuned frequency (that's twice the IF stage frequency of the typical FM tuner). Most tuners offer at least 60 dB of image rejection. To be assured of a relatively "clean" band for DXing, you'll need a tuner with at least 75 dB of image rejection, and preferably one with 100 dB or greater. Spurious signal response should also be very high, especially if you live in an area with many local FM stations. The higher that the spurious rejection is, the less chance you'll have of encountering cross-modulation (strong local stations appearing at one or more places on the dial). Look for a spurious rejection of at least 75 dB on an FM DX tuner--if you live in or near an area with strong FM locals, you may need as much as 100 dB of spurious rejection in an FM tuner. The best tuners offer more than 100 dB of spurious rejection, but beware--you don't always get a high spurious rejection response in very expensive tuners. The ultimate FM DX tuner for a DXer in a large, FM-crowded urban area such as New York City or Chicago would offer image rejection response of 120 dB.