

From The Staff:

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

A CAPITAL IDEA... It will soon be time for the 1981 WTFDA Convention. This year, WTFDA's annual gettogether is being held in Oklahoma's modern capitol, one of the Sunbelt's most exciting places, Oklahoma City. It's easy to get to OK from almost anywhere in North America. If you've been considering attending a DX convention, make it this one. It's your chance to meet your fellow WTFDAers, the most avid TV, FM, and VHF DX enthusiasts anywhere. You can see films, tapes, and slides of DX equipment, check out QSL collections, exchange tips with the DXers, hear all about that opening we'll all never forget, and voice your opinions about club operations. If you're into VHF and UHF DXing, and if you've never been to a WTFDA gathering, your in for a great time. Further details appear on page 28 of this issue.

CHECK THESE OUT... A couple of major electronics magazines have done some very interesting articles that would be of great use to FM and TV DXers this summer. First, there's an excellent comparison test on FM antennas in the June issue of *Mechanix Illustrated*, and it reveals some very interesting disparities between top-of-the-line FM antenna models. Then, in the July issue of *Radio-Electronics*, the results of an FCC-sponsored UHF TV reception equipment study are published, and should not be missed by anyone with any interest in UHF TV DXing.

COLUMN HAPPENINGS... Due to health reasons, VHF UTILITY DX editor Pat Dyer has had to temporarily suspend work on the column; next month, we'll have word on the resumption of the column...we're looking for volunteers to do columns for the VUD, with a couple of long-dormant columns to hopefully resume soon. Especially needed are DXers interested in doing technical and DX technique features for the VUD; come on, don't just sit there--this is your chance to participate in your club.

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MAILBOX

John Zondlo
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Apt. 107
Bethany, OK 73008
(405) 787-3717
Deadline: 5th

New Members:

Mario Aliaga
Kenneth Brand
R. Michael Ditto
Roger Durham
Dennis Jenkins
Greg Ledbetter
Anthony Lomazzo
Daniel Oetting
Robert Rago

P.O. Box 1093
421 Fairview Ave.
2316 Mayfair Drive
Route 1, Box 389
1833 Prospect
Box 374
14 Shadybrook Lane
2882 Old Cedar Grove Rd.
3509 Avenue S

Fairbanks, AK 99707
Winchester, VA 22601
Logansport, IN 46947
Yazoo City, MS 39194
National City, CA 92050
Purvis, MS 39475
Old Greenwich, CT 06870
Broomall, PA 19008
Brooklyn, NY 11234

Renewals:

Earl Albin, Robert Baker, John Pasehore, Murray Bernstein, Phil Boersma, Roger Bortree, Bill Coleman, Ernie Cooper, Tim Cronin, Mike DeRoo, Eric Fader, Bill Feidt, Barry Gardner, Jim Gill, Robert Goodman, John Griffiths, Michel Guzzi, Phillip Hanger, Harry Hayes, Robert Heckenlively, Bob Hempel, Hank Holbrook, Jim Jennings, George Jensen, William Johnson, Neil Kazaross, James Kingsbury, Michael Lapinski, Ron LeBlanc, Rolland Lindblade, Tim McVey, Randy Miltier, A. Robert Fantazes, Les Prus, Edward Ritchie, Jr., Daniel Sampson, Peter Skinner, William Smith, Edwin Tharp, Alphonse Tobia, Lee Vulgamott, Mel Wilson, Jeff Wolf, Neil Zank, Robert Zent.

Rejoins:

Kenneth Blair-835 Prescott Drive-Lebanon, PA 17042
Ron Ginardi-306 N. Cayuga-Frontenac, KS 66762
Brad Lovett-421 E. College-Coldwater, OH 45828
David Nordmann-1110 Ralph Tr.-Richmond Heights, MO 63117
Randy Schnepf-4202 N. 800 E.-Lafayette, IN 47905
Andrew Smith-R.D. 3, Box 268-Dillsburg, PA 17019

Address Changes:

Roger Bortree-Apt. 504-8165 E. Central St.-Wichita, KS 67206
Saul Chernos-c/o P.O.-Burnt River, ON K0M 1C0
John Clemmer-4524 7th St., #2303-E. Moline, IL 61244
James Kingsbury-P.O. Drawer 560-Grantsville, WV 26147
David Legler-128 E. Magnetic St.-Marquette, MI 49855
John Sulak-1997 Foster Road-Hatfield, PA 19440
Dr. Richard Wood-1922 Rampart St.-Cape Girardeau, MO 63701

Renewals Due in August:

Jim Ayers, David Brumfield, Roosevelt Crawford, Al Ellis, Jeff Falconer, Joe Fela, Paul Gaines, John Gerler, David Hallas, Tom Haskett, Ken Holeman, Robert Langridge, Jr., Albert S. Lobel, Pat McGrath, Bill Migley, David Moody, John Parillo, Paul Petosky, Don Ruland, Richard Turcsany, David Walcutt, Allen Walker, Dave Wardell, Paul Wardell, Jim White, Ron Wing.

From the 49th state comes our first new member this month, MARIO ALIAGA. Mario is a camp worker and a pilot who is interested in TV DX.

What can you say about someone whose local high school's nickname is the Berries? Well first, I'll tell you that his name is R. MICHAEL DITTO. He's a purchasing agent who enjoys FM and ECB DX. He uses a GE Superadio and a Realistic STA-84.

From the hometown of Jerry Clower comes new member ROGER DURHAM. He's a mechanic whose DX interests include SW and TV.

As I recall, IRCA's last convention in Louisville had a small problem with fire alarms. Well, they're not at all alarming to DENNIS JENKINS, who's a fire alarm technician/fire science student. For FM he uses a Blaupunkt-Sultan 5 tube radio, and for VHF/UHF radio a Regency K-500. He also has a 25' home built ground plane for VHF.

(continued on page 38)

CLOSE ENCOUNTER WITH AN FM PIRATE

On February 18, 1981, a very weak signal was heard in Muncie, IN on 88.5 to the southwest of me. I recorded what I was hearing and finally heard call letters which sounded like WELI. After searching through many past issues of the VUD, I gave up trying to find such a station. The following day, I was surprised to find the station coming in much clearer and recorded this announcement:

"Radio station WELI. If you have any questions, comments, QSL reports, album requests, or if you want to bring some albums in, call toll free 1-457-0271. This number reaches a recording which gives you the number in Muncie to dial. That's 1-457-0271. WELI operates on a special wide band FM channel. To get full 20 to 20000 freqs. response, plug your amplifier input into the detector output of your FM tuner. This bypasses the de-emphasis network. The pre-emphasis network operates as a fixed treble boost circuit. To compensate for this, when you bypass the de-emphasis network, turn down the treble. WELI has a special SCA channel. For information on how to pull this in, call us toll free - 1-457-0271. This is WELI. We never play commercials. WELI - main channel number one."

Being of a curious nature, I dialed the toll free number and was given the Muncie number. Within a few days, I called the young man operating WELI. He answered the phone and quite a conversation began. Here are a few questions I asked:

- Q: I'm hearing WELI out on McGalliard Road. How many watts of power are you operating with?
- A: Way out there? About one-half to one watt, with an antenna up forty feet.
- Q: Why are you operating a station here in Muncie?
- A: Well, it's just a neighborhood station. I'm hoping to mainly play records over the air for students giving parties. It's nicer listening to a radio, rather than try to play records in your home. Someone might bump a turntable.
- Q: Then could you charge a fee to do this for students in your neighborhood?
- A: Yes, I would hope to.
- Q: Do you have a license to operate an FM station?
- A: Well, not yet, but I hope to someday.
- Q: Why do you have a toll free number?
- A: Oh, just to play it safe. If everything goes alright, I'll announce my number.
- Q: Aren't you afraid of being caught without a license?
- A: No. Most people pay no attention and it's doubtful anyone would bother me.
- Q: What would happen if you were caught operating or if some mean person reported you?
- A: Oh, not much. You would be told to stop operating, with perhaps a small fine.
- Q: Why did you choose the frequency of 88.5?
- A: Well, I didn't know what frequency was vacant, so I kept my tuner on a number of frequencies for a few days and if I didn't hear anything, I knew it must be vacant.
- Q: Do you know what station is closest to Muncie on 88.5?
- A: No, what is it? (I told him it was WMUB at Miami University in Oxford, OH with 820 watts, just one of seventeen stations I've heard on 88.5).
- Q: Sometimes your signal is perfectly clear, but usually is full of a crackling sound.
- A: Perhaps you could tilt your antenna down and that would help. (I had told him that my antenna was 60 feet high with a rotor).
- Q: Do you build SCA units and sell them?
- A: Yes.
- Q: Where did you get your equipment to operate the station?
- A: Some of it is from Radio Shack. In fact, the Radio Shack on E. McGalliard is getting in a 25 watt transmitter. Just think what I could do with that!
- Q: If I wanted to bring you some records to play, how could I get them to you?
- A: Well, I live at 214 N. Vine St.
- Q: I'm a member of a TV-FM club. We log stations, but few have heard pirate stations. Are there many around?
- A: You've never heard a pirate station? There are at least seven of them in the Indianapolis area. Some are on the FM band and others on the AM band. I was operating this station in Kokomo, IN before moving to Muncie.
- Q: What do the call letters of WELI stand for?
- A: Earth Light Institute.

After responding politely to my many questions, he then read a complete article to me from an electronics magazine regarding pirate FM and TV stations. According to

the article, there are a surprising number of pirate radio and television stations throughout the United States, and possibly even more in foreign countries. Some rock groups such as the Rolling Stones, first aired their music over pirate stations which later enabled them to break into the big time rock 'n roll era. Pirate TV stations have been known to show "XXX" rated films to neighborhood viewers in some cities. Wow, what luck for some!

In April, I recorded another announcement broadcast over WELI:

"Radio station WELI will be going off the air in about five or six hours. We're going to move our transmitting facilities. We'll have a number for you to dial when we've moved. We never play commercials."

WELI was off the air for at least two weeks. One evening Dave Brumfield was visiting me and said, "See if WELI is back on the air." I didn't think it would be, but sure enough, there it was. This time it seemed almost directly west of me.

When Dave went home he decided to tune in WELI. From his location, the signal was full strength when he rotated his antenna in all directions. Obviously, WELI was only a few blocks from his house.

Finally, a phone number was given and Dave called WELI. The young man operating the station graduated from Haworth High School in Kokomo, IN a few years ago and worked for the school's 10 watt station WWSK. This is where he became so proficient with electronic equipment. (Yes, I did hear and tape WWSK from Muncie once).

WELI, at this location, was broadcasting with one and a half to two watts with a directional antenna aimed at Ball State University, hoping to find an audience of college students. On campus, the signal is quite good on my car radio.

Dave asked the gentleman if he would move his signal slightly above 88.5, so he could hear 88.3 WAIF in Cincinnati. He agreed to do so and I taped the following:

"Radio station WELI is going to move to a slightly different frequency. We're going to move up, just about a couple of hundred kilahertz in about five seconds."

WELI is a monophonic or high fidelity station. Most selections played have been rock music, with a little disco and jazz. There are no regular hours. Music may be heard off and on at various hours of the day or night. This to me, seems to be a drawback in trying to find an audience. The transmitter is usually left on at all times, so often we hear nothing more than a dead carrier.

Now the signal of WELI is coming from the northwest, so I suspect he has moved again. Dave said the guy told him that he was leaving Muncie this summer and moving to Australia. The weak signal has not bothered our DXing, and as far as I can tell, WELI has not been frequently broadcasting this summer.

Because WELI is an unlicensed FM station, neither Dave or I will count this pirate station to our logs.

--Ralph Strobel



SEE YOU IN OKLAHOMA CITY



FCC TV NEWS

Bill Fahber
336 Atlantic Street
Bridgeton, NJ, 08302

TRANSLATORS LICENSED IN 1980-1981: Since recording every translator would be unfeasible I had to figure what the best standard would be for reporting. My own conclusion is this: Since the states west of the Great Plains (except for California) have hardly any members, and a vast number of weak translators, and no reporters to the Western TV DX column I must gather that there is little or no use in reporting those translators. In the remaining of the continental (48) states, even the faintest translators are often logged. So I figured they should be included. As I said last month, I have plenty of information available on old and new translators, so feel free to write for more information. In the list below, the first column is the call sign of the translator, with the second and third digits being the channel; next is the power in watts (apparently the ERP may be higher than this); The next three columns are the primary station's call letters, channel, and state. The last column is the community or city which the translator covers. You will note discrepancies in some of the call letters; these are strictly from BROADCASTING magazine, with no other source to double-check.

C.L.	Watt	Prm.	CH	ST	Coverage area
K02JV	10	KPLO	6	SD	Cody, Nebraska
K02KH	5	KTVL	10	OR	Trinity Center, CA.
W05AU	1	WUNF	33	NC	Bat Cave, Gerton, Chimney Rock, Lake Lure North Carolina
K06KA	5	KTVL	10	OR	Port Jones, Etna, Greenville, Callahan, California
K07QL	10	KSFY	13	SD	Mitchell, SD
W08BR	1	WMHT	17	NY	Blue Mountain Lake, NY
W08BS	1	WLTX	19	SC	Sumter, South Carolina
W08BT	1	WLTX	19	SC	Newberry, S. Carolina
K09PA	10	KACB	3	TX	7 miles south of Ozona TX, covering 20x20 mi
K09PI	5	KIEM	3	CA	Happy Camp & North Indian Creek, Calif.
W10AY	1	WCDC	19	MA	Blue Mountain Lake, NY (note: WCDC is a satellite of WTEN)
K10LK		KNBC	4	CA	Monument Manor, Calif.
K11PF	10	WFAX	8	TX	7 miles south of Ozona TX, covering 20x20 mi.
W11AX	1	WFBC	4	SC	Bat Cave, Gerton, Chimney Rock, Lake Lure, NC
K11PQ	1	WAGM	8	ME	St. John Plantation, ME
W12BC	1	WTVH	5	NY	Blue Mountain Lake, NY
K12MG		KABC	7	CA	Monument Manor, Calif.
K13QO	1	KLINE	3	NE	Atwood, Kansas
K13QN	10	KCTV	8	TX	7 miles south of Ozona TX, covering 20x20 mi.

W21AB	1000	WTOG	44	FL	Fort Pierce, Vero Beach & Stuart, Florida
W22AC	1000	WCES	20	GA	Hartwell & Royston, GA
K22AB	1000	WFSU	11	FL	Panama City, Florida
K24AD	1000	KERA	13	TX	Wichita Falls, Texas
W25AA	1000	WHRO	15	VA	Onancock, Virginia
K25AA	1000	KSIN	27	IA	Rock Rapids, Iowa
W29AB	1000	WTOG	44	FL	Ocala, Florida
W32AC	100	WJAN	17	OH	Muncie, Indiana
W38AB	1000	KTN	21	IA	Spirit Lake, Iowa
W41AC	1000	WAVY	10	VA	Onancock, Virginia
W44AD	1000	WTAR	3	VA	Onancock, Virginia
W46AC	10	WHRO	15	VA	Tangier, Virginia
K47AE	20	KBSC	52	CA	Inyokern, Armitage, Field & Ridgecrest, CA
K48AL	100	KSCI	18	CA	Poway & surrounding areas in San Diego, CA
W49AF	100	WLUK	11	WI	Crystal Falls Township, Michigan
W51AB	100	WJHL	11	TN	Honaker, Virginia
W52AB	100	WHRO	15	VA	Craddockville, VA
W53AB	100	WCYB	5	VA	Honaker, Virginia
W54AC	10	WAVY	10	VA	Tangier, Virginia
W55AP	100	WHWC	28	WI	River Falls, Wisconsin
K55CP	100	KWEX	41	TX	Victoria, Texas
W55AO	100	WPNE	38	WI	Twp. of Washington Isl. Upper Door County, WI
K55CN	100	KTNB	40	CA	Bakersfield, Calif.
K55OQ	100	KETA	13	OA	Miami, Texas
K56BF	20	WHO	13	IA	Fenton & Ringsted, Iowa
W56BB	10	WTPAR	3	VA	Tangier, Virginia
K56AX	1000	KPIO	6	SD	Lauri, South Dakota
W56BF	100	WKBD	50	MI	Iron Mountain, Michigan
K56BQ	100	KWET	12	OK	Frederick, Oklahoma
K56BR	1000	KNIV	11	CA	Palo Alto & Mountain View, California
K57BX	100	KELO	11	SD	Lake Andes, S. Dakota
K57BS	100	KEYT	3	CA	Santa Barbara, Ventura, & Oxnard, California
W58AK	100	WTAR	3	VA	Craddockville, VA
W58AL	10	WKSG	46	NY	South of Otsellic and Georgetown, New York
W58AN	10	WNED	17	NY	Ripley, New York
W59AK	100	WUNL	17	NC	Spruce Pine, North Car.
W59AL	100	WJHL	11	TN	Castlewood, Virginia
W59AM	1	WKSG	46	NY	Unadilla, New York
W59AN	1	WKSG	46	NY	Treadwell, New York
W59AO	1	WKSG	46	NY	Guilford, New York
W59AP	1000	WUTR	20	NY	Hermiker, New York
W59AQ	100	WGN	9	IL	Iron Mountain, Mich.
W59AR	100	WUNF	33	NC	Brevard, Cedar Mountain & Sherwood Forest, NC
W60AL	1000	WVEC	13	VA	Onancock, Va. (FCC granted change to ch. 68; see W68BH below. Still operating on ch. 60 as of May, 1981.)
K60BL	100	WIRT	13	MN	Mural and surrounding rural areas, MN

TRANSLATORS (CONTINUED)

W61AK	100	WTOG	44	FL	Inverness, Florida
K61BW	100	WTOG	44	FL	Okechobee, Florida
W61AN	100	WGCB	49	PA	Newark & Brookside, Del.
W62AY	1000	WAPB	22	MD	Frederick, Maryland
W62AZ	1	WKSG	46	NY	Downsville, New York
W62BA	100	WUNE	17	NC	Hayesville, Brasstown & Shottling Creek, N.C.
W62BB	100	WUNE	17	NC	Highlands, N. Carolina
W63AM	100	WAVY	10	VA	Craddockville, Virginia
W63AO	10	WKSG	46	NY	Bainbridge & Afton, NY
W63AP	10	WKHA	35	KY	Ingram, Kentucky
W64AQ	100	WCYB	5	VA	Castlewood, Virginia
W64AR	100	WYAH	27	VA	Iron Mountain, Michigan
W64AS	100	WHYY	12	DE	Seaford, Delaware
K64BG	100	KXJB	4	ND	Starbuck & all of Pope County, MI (Federal Register listed WCCO in Minneapolis as the primary)
W65AQ	100	WVEC	13	VA	Dickensonville, VA (Federal Register listed WJHL, Johnson City, TN as primary)
W65AR	100	WJHL	11	TN	Tangier, Virginia
K65CA	100	KTBN	40	CA	Arvin & Lamont, Calif.
K65CC	100	KTBN	40	CA	Susanville & Herlong, CA
K66BM	100	KTBN	40	CA	Palm Springs, Calif.
W66AP	100	WKSG	46	NY	Norwich & Oxford, N. Y.
W66AQ	100	WAIM	40	SC	Greenville, S. Carolina
W66AQ	100	WBTI	64	OH	Dayton, Ohio
W67AQ	100	WAIM	40	SC	Burnsville, N. Carolina
W67AR	100	WCPE	57	NY	Willsboro, New York
W67AS	10	WKSG	46	NY	New Berlin, New York
W67AV	100	WUNE	17	NC	Bryson City, Ala, Lauada Alarka, Almond, & Stecoah, North Carolina
K67CA	100	KDLH	3	MN	Big Fork, Marcell, and rural areas, Minnesota
K67CC	20	KBHK	44	CA	Booneville & Philco, CA
W68BH	100	WVEC	13	VA	Onancock, Virginia
K69CR	100	KDLH	3	MN	Big Fork, Marcell, and rural areas, Minnesota
K69CU	20	KQED	9	CA	Booneville & Philco, CA
W69AT	100	WDIO	10	MN	Hinkley & Pine City, MN & Grantsburg, WI.

TELETEXT (CONTINUED)

NBC is also getting interested in the Los Angeles experiment involving CBS (KNXT) and PBS (KCET), and plans to broadcast a third teletext magazine over KNBC-TV. Westinghouse is already giving thought to toying with the Antiope system over KPIX in San Francisco.

INTERNATIONAL NEWS: Israel is getting its second television station, much to its governments dislike. A Honduras-registered vessel plans to broadcast color programs from off the coast to Tel Aviv. They are recruiting advertisers already. (Advertising Age, 4/27/81) Also, the Federation of Australian Commercial TV Stations (FACTS) is consulting with the Advertising Federation to put a stop to using lookalikes of famous people in commercials. Advertising companies are crying "Censorship." Lookalikes of Lady Diana Spencer (for a mineral water ad), Jimmy Carter (travel agency), Robert Redford (carpet company), and various Australian politicians (for household wares) were used. That's as bad as the guy with a Nixon imitation promoting a certain brand of recording tape! (Advertising Age, 5/11/81)

STV UPDATE: The Subscription Television Association said that in early April, 1981, there were 18 STV stations operating, with five more planned for this summer. Dallas has three STV stations. In order to fight decoder pirates, STV stations are talking newspapers into rejecting ads for unauthorized decoders. In January a US circuit court in Detroit fined and jailed marketers of unauthorized decoders. (Advertising Age, 5/11/81)

WWSG, ch. 57 in Philadelphia, PA, has already begun heavy promotion for subscribers, but according to an article in the Philadelphia Inquirer, they have to wait until WRBV, ch. 65 in Vineland, NJ is operational; someone to do with the fact that they are both Wometco affiliates (Wometco owns WHTT, ch. 68)

CBS REJECTS: WMAR, ch. 2 in Baltimore, is definitely going to be NBC. WAST in Albany expects to stay independent.

OKLAHOMA UPDATE: It seems like only recently did broadcasters find out that there's something between Kansas and Texas beside prairie dogs. Here are some additions and corrections from Danny Buntin: Antenna height for KTBO-TV, ch. 14 in Oklahoma City is 1200ft; they are planning to increase power to 1000kw. KOKI (ch.23, Tulsa) is operating 3200 kw. KGCT (ch. 41 in Tulsa) uses 1350 kw, HAAT is 1500 ft. KAUT (ch. 43 in Oklahoma City) is using 2000 kw, with news format from noon to 7:00 p.m. KWTU (ch. 9, OK City) is using a DOPPLER SYSTEM to monitor tornadoes and thunderstorms. It measures wind speed by radar, and displays it on a radar map using false color.

MORE FROM ROBERT GRANT: KUEN (ch.33, Dallas) KGCT (ch. 41, Tulsa), & KAUT (ch.43, Oklahoma City) all on and all STV. WLTV (ch. 12) & WSB (ch. 2, Atlanta) both ABC converts. WGPR (ch.62) planning STV soon. FCC assigned ch. 29 to Fayetteville, AR, which is being used by KTVF.

TELETEXT UPDATE: I came across an article in a magazine stating that WETA, ch. 26 in Washington, DC, is experimenting with a British Teletext system called CEEFAX. I observed the vertical blanking of WETA several times last week, and noticed that they were definitely experimenting with something, using scanning lines 18 thru 20 (estimated) of both scans. (As I reported last week, the French Antiope system uses lines 16 and 17 of both scans. I remember seeing something similar to this on WCAU about a year ago; it looked like the Antiope system.) According to Advertising Age, 4/13/81, Field Communications plans to test a "KeyFax" system on WFLD in Chicago, using technology acquired from British Videotext Systems. Meanwhile, CBS is trying to merge the French Antiope and the Canadian Telidon Videotext System into one system with a common standard. Scheduled for May 20, 1981 in Toronto is a meeting called VIDEOTECH '81, which consists of the Canadian and French developers of these systems, AT&T, and CBS. CEEFAX is being left out of the meeting.

CONSOLIDATED HEARINGS (another way of saying that FCC approval is getting harder!) from the Federal Register, April & May, 1981

- Daytona Beach, Florida, ch. 26; Comark Television, Inc.; Metrovision, Inc.; WTVW, Inc.; Daytona Broadcasting Company, Inc.; Life Style Broadcasting Company, Inc.; Daytona Beach Family Television, Inc.; Daytona Beach Television Corporation.
- Lansing, Michigan (ch. 53): Kare-Kim Broadcasting Company, Inc.; Benko Broadcasting Co.
- El Paso, Texas (ch. 26): Superior Broadcasting Company of Texas; Paso Del Norte Broadcasting Corporation.
- Indianapolis, Indiana (ch. 59): Channel 59 of Indiana, Inc.; Indianapolis Television Corporation; United Television Corporation of Indiana; Indianapolis 59, Inc. (ITVC and United have applied for STV approval; Channel 59 of Indiana is 51% owned by STV Station Corporation.)
- Birmingham, Alabama (ch. 68): Quality Media Corporation; Birmingham Family Television, Inc.; Celtic Media, Inc.
- Richardson, Texas (ch. 23): Buena Vista Telecasters of Texas, Inc.; International American Broadcasting Company, Inc.; Richardson Family Television, Inc.
- Florence, Alabama (ch. 26): Channel 26, Inc.; Alabama Management Company.
- Knoxville, Tennessee (ch. 43): Lloyd Hearing Aid Corporation; Knoxville Family Television.

FCC HEARING: (Kirksville, Missouri) KTVO-TV, ch. 3 (ERP Vis. 100kw; HAAT 1080') wants to move transmitter tower from its present location (4.5 miles east of Lancaster, MO) to 5.6 miles north of Knoxville, MO, change ERP Vis to 83.2kw and HAAT to 1970 feet. KCJB-TV, ch. 17 in Columbia, MO, objects to the move, since this will create an overlap in the Grade B contour areas of the two stations. Involved here is a UHF impact issue, where a UHF station or vacant channel could be adversely affected by a change in an existing VHF station.

CHANGES IN FCC TABLE OF CHANNEL ASSIGNMENTS

ADD:	DELETE
Sierra Vista, CA.....58z	Visalia, CA....*43z
Fresno, CA.....43z, 59z	Kenbridge, VA...*31-
Visalia, CA.....*49z	
Jacksonville, NC....*19z	
Lumberton, NC.....*31z	
Roanoke Rapids, NC...*36-	
Rockingham, NC.....*53z	
Victoria, TX.....*31z	
Farmville, VA.....*31z	

CONSTRUCTION PERMITS GRANTED BY THE FCC:

CH	ERP	HAAT	CITY/STATE/APPLICANT
17	440.5	1057	Grand Rapids, Michigan; TV 17 Unlimited, Inc.
24	4384	1161	San Juan, Puerto Rico; JEM Communications, Inc.

CALL LETTERS APPLIED FOR (NEW STATIONS)

CH	C.L.	CITY/STATE/APPLICANT
61	WGGT	Greensboro, N.C.; Guilford Telec.
17	WWMA-TV	Grand Rapids, Michigan; TV-17 Unlimited, Inc.

CALL LETTERS APPLIED FOR (CHANGE EXISTING)

CH	C.L.	CITY/STATE/EXISTING CALL LETTERS
2	KGAN-TV	Cedar Rapids, Iowa; WMT-TV
23	KTUUV-TV	Anchorage, Alaska; KENI-TV
23	WVEO	Brownsville, Texas; KTDS
	KTUUV-TV	Fairbanks, Alaska; KPAR-TV

CALL LETTERS GRANTED (NEW STATIONS)

CH	C.L.	CITY/STATE/APPLICANT
30	WBAH	Memphis, Tennessee; Memphis Area Telecasters
40	WRJK-TV	Bluefield, WV; Channel 40, Inc.
16	WTWK	Key West, FL; Key West Television
19	WUNM-TV	Jacksonville, North Carolina; University of North Carolina
9	KDSE	Dickinson, North Dakota; Prairie Public Television
30	WRWR-TV	San Juan, Puerto Rico; La Fe Del Progreso Broadcasting Corp.

CALL LETTERS GRANTED (CHANGE IN EXISTING)

CH	C.L.	CITY/STATE/EXISTING CALL LETTERS
51	KUSI-TV	San Diego, California; KJOG-TV
11	WPXI	Pittsburgh, Pennsylvania; WIIC-TV

CHANGE IN FACILITIES GRANTED BY FCC

CH	ERP	HAAT	CITY/STATE/APPLICANT
	5000	1518	Albany, Georgia; WJFT-TV
11	46	705	Atlanta, Georgia; WXIA-TV
27	2570	772	Marion, IL; WDDD-TV (change transmitter location)
46	156	796	Clarksburg, WV; WLYJ

CHANGE IN CITY OF LICENSE GRANTED BY FCC:

KTFX-TV, ch. 9 from Monahans, TX to Odessa, TX

APPLICATIONS TO CHANGE CITY OF LICENSE:

KDUH-TV, ch.4, from Hay Springs, Nebraska to Scottsbluff, Nebraska

WGCB-TV, ch. 49 (presently Red Lion, PA) wants to identify itself as "Red Lion, Lancaster and York"

MAJOR CHANGE IN AN EXISTING APPLICATION FOR NEW STATION: Arecibo Video Corp., Arecibo, Puerto Rico, applicant for ch. 54; increase power to 11.78 kw.

APPLICATIONS FOR NEW STATIONS

CH	ERP	HAAT	CITY/STATE/APPLICANT
2	100	922	Denton, TX; Channel Two Foundation, Inc.
29	3192	803	Wilmington, NC; Wilmington Telecasters, Inc.
28	5000	1313	Hardeeville, SC; Business and Minority Coalition Broadcasters
69	3155	1906	San Diego, CA; Venton Corp. (other ref.= 685 kw)
8	316	1866	Knoxville, TN; Knoxville Broadcasting Corporation
36	2056	1416	Toledo, OH; Toledo Broadc.Corp.
67	1355	978	High Point, NC; Fox Media, Inc.
23	404.6	627	Decatur, IL; Decatur Poursquare Broadcasting, Inc.
40	1619	2022	Tucson, AZ; J.P. Communications
40	685	2010	Tucson, AZ; National Group Telecommunications of Tucson
7	2	262	Brawley, CA; SI-TV, Inc. (a real DX challenge!)
56	1194	1003	Melbourne, FL; Broadcast Production and Management Corp.
51	3083	1091	Longview, TX; KLMB, Inc.
42	1545	557	Paris, TX; KLMB, Inc. (KLMB is an existing station in Texas)
39	586	646	Parkersburg, VA; Eastern Associated Services

(more applications on next page.)

APPLICATIONS (CONTINUED)

49	1600	907	Racine, WI; Racine Television Co
4	100	272	Lander, WY; The Chrysostron Corp.
4	100	1515	Lander, WY; Central Wyoming College
27	692	620	Reno, NV; High Country Broadc'g
27	877	2930	Reno, NV; Country Broadcasting (those last two are from different sources and the applicants seem oddly similar)

APPLICATIONS FOR MAJOR CHANGE IN FACILITIES

CH	ERP	HAAT	CITY/STATE/APPLICANT
4	1542	n.c.	Fayetteville, NC; WKPT-TV
19	2504	n.c.	Johnstown, PA; WJNL-TV
9	133	483	San Antonio, TX; KLRN
54	4645	n.c.	Baltimore, MD; WNUV-TV (not yet on as of 6/1; will be STV)
35	4036	986	Richmond, VA; WRHP-TV
26	5000	2000	Visalia, CA; KMPH
46	156	796	Clarksburg, WV; WLYJ

KCET FIGHTING TO KEEP LICENSE, BUT FCC TURNS A DEAF EAR (LITERALLY)! During the years 1977 and 1978, all eight Los Angeles stations were up for license renewal, and a group of hearing-impaired individuals petitioned the FCC to deny every one of them because of discrimination against them (When you consider that ABC and NBC each spend only a few hours with closed-captioning per week, and that's more than the other commercial stations, you can see their point.). While the FCC saw fit to renew all seven commercial licenses, they denied renewal to KCET, the local PBS station, which has more closed-captioning than any of the others. Why? Because KCET receives federal funds. According to section 504 of the Rehabilitation Act of 1973, recipients of federal funding are bound to serve the interests of handicapped persons, including deaf. And having about 10 to 15% of their programs captioned amounts to discrimination. The issue is now in the US Court of Appeals.

FIRST LOW POWER GRANT BY THE FCC: According to BROADCASTING, 5/18/81, the FCC granted a construction permit for the first low power television station to John W. Boler, which will operate on ch. 26 with 1000 watts for a 40 square mile area around Bemidji, MN. He plans a combination of local programming, Pay-TV, satellite rebroadcast, and rebroadcast of an independent station. (Actually, LPV has been around for a long time; ask WCMC in Wildwood, NJ, how long six AA penlite batteries last them. Why do you think they changed their call letters to WAAT?)

REMINDERS: Send in whatever information you have on network changes, stations going off the air, stations going STV (maybe I could print a complete list of STV stations), all information you can find on Canadian, Mexican, Cuban, etc. stations. Don't forget to send a self addressed stamped envelope (Long size) if you want either the FCC table of television channel assignments, or a list of new television applications published in the Federal Register from October, 1979 to December, 1980. Also, if you have questions about any TV station or translator, maybe I can look it up.

UPDATE FROM PETE TAYLOR: KFTY, ch. 50 in Santa Rosa, CA is now broadcasting on a regular schedule.

ARE THE FOLLOWING STILL ON THE AIR? Robert Grant notes that the following are not listed in local TV Guides: WXNE, ch. 25 in Boston, MA; WNYE, ch. 25 in New York, NY; WHFV in Fredericksburg, VA; and KVFD, ch. 50 in Fort Dodge, IA. (oops! WHFV is ch. 69) Actually, I've noticed lately, and so have others, that the TV Guide is not as complete as you would think. It took months before they acknowledged WMDT-TV in Salisbury, MD, and I think the Baltimore-DC and Eastern Virginia editions are still omitting some stations.

SPANISH STATIONS IN THE UNITED STATES: ADVERTISING AGE, 4/6/81, contained an article on Spanish stations, and contained these stations:

- KSCI ch. 18 San Bernardino, CA
- KBSC-TV ch. 52 Los Angeles, CA (also STV)
- WNJU-TV ch. 47 New York, NY
- KEON-TV ch. 20 Houston, TX

The following are affiliates of SIN (Spanish International Network)

- KMEX-TV ch. 34 Los Angeles, CA
- KWEX-TV ch. 41 San Antonio, TX
- WLTW ch. 23 Miami, Florida
- KPTV ch. 21 Hanford, Calif.
- WXTV ch. 41 Paterson, NJ

The following is a list of translators (not from the article)

- K27AF Las Vegas, NV (KWEX)
- KA2KEG Denver CO, ch. 31 (KMEX)
- W35AB Philadelphia, PA (WXTV)
- K48AL Poway, CA (KSCI)
- K48AM Albuquerque, NM (KWEX)
- K55CP Victoria, TX (KWEX)
- KA2KEH Washington, DC, ch. 56 (KWEX)

If you know of other Spanish stations, send me a list.

MORE TRANSLATORS (I knew when I started this fourth page that I'd have trouble filling it)

- K14AC 1000 KDIN 11 IA High Point, Iowa
- K25AB 1000 KDIN 11 IA Mount Ayr, Iowa
- K31AC 1000 KDIN 11 IA Centerville, Iowa
- K41AD 1000 KRIN 32 IA Lansing, Iowa
- K65BY 100 WJAN 17 OH Waterloo, Iowa
- W65AS 100 WJAN 17 OH Crowley, Louisiana
- K62BH 100 KDLH 3 MN Max, Minnesota
- W12BD 1 WLOS 13 NC Old Port & Greenlee, NC
- W65AT 100 WUNE 17 NC Marion, North Carolina
- W55AN 100 WAST 13 NY Frankfort, Iliion, Mohawk & Utica, New York
- W56BE 10 WCNY 24 NY Dundee, New York
- W63AN 100 WAST 13 NY Dolgeville, Heriker, Little Falls, New York
- W58AM 1000 WNEO 45 OH Youngstown, OH
- K58BD 100 KIVV 5 SD Long Valley, SD
- W67AT 100 WCVB 5 VA Dickingsonville, VA

Note on Honaker, VA: Two conflicting sources have W51AB and W51AD.

ILLISIBLE ON THE MAY COLUMN was that ch. 7z was assigned to Bozeman, Montana. I used correction fluid there, but apparently the printer picked up the mistake.

SOUTHERN FM DX

Danny Buntin, editor
1312 N. Skyline
Stillwater, OK 74074
DEADLINE: 10th

SOUTHERN FM DX

Samford, cont.

JULY 1981

JULY 1981

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

1000 MILE DUCTING RETURNS JUST LIKE LAST YEAR!

As this is written it looks as if some classic DX history is repeating itself. The May-June weather pattern in the Southwest, consisting of weeks of monsoon-like rains abruptly replaced by clearing skies and record-breaking heat with a slow cold front nearby, has climaxed in an outbreak of long haul tr, remarkably similar to June 1980. Initial reports show that Oklahoma has heard from Virginia and South Carolina representing a distance of around 1000 miles. Since this fantastic opening occurred so close to deadline, the extent of it can only be partially realized this month. Hopefully more can be learned next month, so please report.

Interestingly, Es this season is also behaving similar to 1980; it was late getting started. The May 22-June 4 period has had several good openings, but nothing very far out of the ordinary in, so far.

Rick Sanford, 404 S. McNeill, Burnet, TX 78611 - May 6 to June 7 GMT

5/12 tr
0915 WRPM 107.9 MS Poplarville, m
1001 KZBZ 95.1 TX Beaumont, ex-KALO, now r, "B-95-FM"

5/13 tr
0854 KBIM 94.9 NM Roswell, ID, ABC Y nx
0917 KHNL 94.9 NL Monterrey, Sp. mx, same heading as KOYE

5/22 Es
1617 WKID 94.7 KY Mayfield
1618 WBRK 92.5 KY Owensboro
1621 WSAI 94.1 OH Cincinnati, k
1628 WSRW 106.7 OH Hillsboro, g
1630 WEMM 107.9 WV Huntington, k
1633 WEBN 102.7 OH Cincinnati
1636 WTCC 103.9 KY Campbellsville
1638 WKRQ 101.9 OH Cincinnati
1643 WFPK 91.9 KY Louisville
1644 WVLC 92.9 KY Lexington
1646 WSLM 98.9 IN Salem
1648 WHOP 98.7 KY Hopkinsville, ad, sports
1659 WHBN 99.3 KY Harrodsburg
1650 WMDH 102.5 IN New Castle, k
1652 WPPR 102.7 IN Terre Haute
1658 WTHI 99.9 IN Terre Haute
1705 WBES 96.1 WV Charleston, CBS nx
1709 WAMX 93.7 KY Ashland-Huntington WV
1715 WTIO 102.7 WV Charleston, m
1716 WKOX 100.3 KY Hopkinsville, wx
1718 WGGC 95.1 KY Glasgow, Swap'in Shop
1721 WLAF 94.5 KY Lexington, r,
The Music FM 94 1/2
1726 WFCB 94.3 OH Chillicothe, r, The Memory Marathon show
1728 WYFC 101.5 OH Gallipolis
1729 WPAY 104.1 OH Portsmouth, M nx

5/26 tr
0925 KSEL 93.7 TX Lubbock, Rock-93
0956 KLKE 94.3 TX Del Rio, AM Del Rio talk show, thru KPFM
1000 KGNZ 88.1 TX Abilene, g, "Your Good News Music Station, TX #216

5/26 tr
1003 XHPL 99.7 COA Ciudad Acuna, SS \$ EE
IDs, American rock, mono
1056 KKQQ 99.1 NM Clovis, psa
1102 KTQM 99.9 NM Clovis

5/28 tr
0535 KASC 104.9 LA Abbeville, ex-KROF
0611 KSMH 94.5 LA Lafayette, K-94
0622 KEAZ 101.7 LA De Ridder, auto K, Bill Robinson Show
0637 KBIU 103.7 LA Lake Charles, ex-KGRA
0647 KTIJ 96.9 LA Alexandria, s, National Black Net., nx at 0700
0856 KVPI 93.5 LA Ville Platte
0904 KBIM 94.9 NM Roswell, nx, wx
1000 KACV 89.9 TX Amarillo, Mutual Lifestyle Report, p

5/29 tr
0032 WQXY 100.7 LA Baton Rouge
0032 WAJY 101.9 LA New Orleans, Joy-102, wx, ID

5/30 Es
1239 KIIS 102.7 CA Los Angeles, Kiss
1240 KIQQ 100.3 CA Los Angeles
1242 KZLA 93.9 CA Los Angeles, k
1243 KMET 94.7 CA Los Angeles
1257 KTMS 97.5 CA Santa Barbara
1250 KRUZ 103.3 CA Santa Barbara, EZ
1254 KWTC 94.3 CA Barstow, Angels BB
1258 KPRA 92.5 CA Paso Robles
1259 KRXX 98.1 CA Yermo, ID w/KXVR 99.5

6/4 Es
1106 KFAC 92.3 CA Los Angeles
1117 KMET 94.7 CA Los Angeles
1120 KBIG 104.3 CA Los Angeles, m
1123 KTKF 94.3 CA Garden Grove, ad, k, 94-Kick-FM
1125 KBBY 95.1 CA Ventura-Oxnard
1127 KHTZ 97.1 CA Los Angeles, K-Hits Beach Report
1130 KSEB 88.5 CA Mission Viejo
1137 KNOB 97.9 CA Long Beach, \$-98, K-Knob, m

cont.

6/4 Es
1140 KVCR 91.9 CA San Bernardino
MUF 107.5 @1142

1143 KWXY 98.5 CA Cathedral City, ad for Palm Springs business

So far the skip season seems to be running about average, with no day long sessions yet observed. Several very heavy rains in late May and early June contributed to the virtual nonexistence of trop activity during this period. Tropo will have to be very good in June and July to make up for what we have missed in March, April & May. 73s, Rick.

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

Equip: General Electric Superradio #7-2880B

4/24 tr
0730 WWWB 102.5 AL Jasper, ad 191
0730 WCPC 93.3 MS Houston, nx 230
0740 WPEZ 107.9 GA Macon, n 198
0745 WRCK 106.3 AL Sheffield, ads 173
0800 WKRG 99.9 AL Mobile, r 385

5/3 tr (in from Radcliff, Kentucky)

0945 WRVG 90.1 KY Georgetown, j 75
0950 WLBH 96.9 IL Mattoon, m 200
0950 WRUL 97.3 IL Carmi, k 137
0952 WACF 98.5 IL Paris, k 193
0955 WCSI 101.5 IN Columbus, k 113
0957 WRJA 101.3 IN Richmond 150
0958 WKMI 100.5 IN Kokomo 193
1000 WBOQ 107.5 IN Terre Haute, nx 185
1000 WDNL 102.1 IL Danville, r 237
1045 WFCL 89.5 IN Franklin, rp 129
1050 WHIO 99.1 OH Dayton, m 185
2125 WIGR 88.7 IN Indianapolis, r 140
2150 WJBL 89.1 IN Indianapolis, 10wts, 140
2157 WXGT 92.3 OH Columbus, r, 92X 240
2212 WBEX 93.3 OH Chillicothe, k 210

ms
0800 KODA 99.1 TX Houston, nx, prev. Es
tr
0825 WLHN 97.9 IN Anderson, bb scores 185
0840 WPCJ 97.7 OH Miamisburg, g 183
0955 WVTJ 100.7 IN Terre Haute, r 185
0955 WPPR 102.7 IN Terre Haute, pr 185
0957 WPAY 104.1 OH Portsmouth, g 245

My goal for this dx season is 1500 stations with a lot of luck and lots of E-skip and tropo. Remember we're gonna have dx fun in '81.

Ken Simon, 513 6th Ave. South, Lake Worth, FL 33460

12/26-80 gw
1930 102.3 WHLG FL Jensen Beach, g, new local
5/22 Es
1828 90.3 WBCL IN Fort Wayne, ID
1829 90.1 WNMU MI Marquette, ID, end ATC

5/26 Es
1735 90.1 WUSE NY Stony, rock Bohemia ment.
1800 90.1 WMEA ME Portland, ID
1804 93.7 WLWH CT Hartford
1808 93.7 WCGY MA Lawrence, ID & promo
1812 95.1 WRKI CT Brookfield, I-95
1817 103.9 WRCC NY Riverhead, ID
1822 107.3 WAAF MA Worcester, ad, wx
1829 107.1 WUOU NJ Long Branch, ad, 107 FM
WRNW NY Briarcliff, ID

1830 107 WJTF ?? ID
1835 105.5 WQGN?? NY/NJ area, ad, Q-105
WBAT ??
1837 104.1 WIOF CT Waterbury, Magic 104
1845 107.5 WBLS NY NYC, ID
1847 100.1 WJRX NJ Manahawkin, ads, ID
1854 102.9 WDRG CT Hartford, "DRC" ID

2120 WKRE 100.5 WV Huntington, r 200
5/5 tr
0855 WCIL 101.5 IL Carbondale, nx 123
0927 WPSR 90.7 IN Evansville, big bands 112
1100 WNKJ 89.3 KY Hopkinsville 85
1305 KADL 94.9 AR Pine Bluff, nx 330
1307 KLPQ 94.1 AR Little Rock, r 315

5/6 ms (back in Chickamauga)
1350 WKQK 93.9 MN Hibbing, wx 1239
1350 WSCD 92.9 MN Duluth, prev. Es 1154

5/8 tr
1655 KHLIS 96.1 AR Blytheville, nx 320
1715 WROQ 95.1 NC Charlotte, rp 307

5/12 tr
1945 WQUT 101.5 TN Johnson City, r 225
1955 WKTP 93.9 KY Madisonville, Reds bb 228
2000 WHOP 98.7 KY Hopkinsville, k 195
2015 WBKR 92.5 KY Owensboro, k 262
2300 WCKQ 103.9 KY Campbellsville, r 215

5/13 tr
0800 WKQQ 98.1 KY Lexington, r 292
0845 WCAK 92.7 KY Catlettsburg, sports 380
0850 WLAP 94.5 KY Lexington, rp 292
0855 KAJN 102.9 LA Crowley, g, like local 595
0900 WPMI 100.1 KY Winchester, rp 290
0930 KWEE 104.1 LA Monroe, m #1385 475
0955 WFMF 102.5 LA Baton Rouge, nx 531

5/26 Es, cont.
1856 101.9 WFOR ME Portland, ID
1903 99.1 WPLR CT New Haven, ID
1908 92.5 WHAV MA Haverhill, ads
1916 92.5 WNYZ CT Watertown, FM92 ID
1918 93.3 WMMR PA Philadelphia, ID
1926 94.7 WENE NJ Newark, g
1936 95.7 WFLN PA Philadelphia, c
2938 96 WNEV ?? ID fadeout 1945
2132 93 WSME ?? ID, wx, FM-93
2135 88.5 unID Rocking Richard show, winner of phone in --934-9296--in New Haven, ct
2140 93.7 WLWH CT Hartford, SS w/ID
2142 91.1 WFMU NJ East Orange, w/call-in, ID

5/28 Es
1718 89.1 WNYU NY New York City, ID
2003 89.9 unID jazz w/host Eric Jackson EDT ts
1958 93.1 WMGX ME Portland, ads
WHYN MA Springfield, ID
2022 95.1 WZZO PA Bethlehem-Allentown, Z-95, ads
2031 93.7 WLWH CT Hartford, SS
2036 88.7 WNHU CT West Haven, concert sked.
2100 90 WUCF FL Orlando, nx (tr)

More reports cont....

Charles George, 6407 Howard, Dallas, TX 75227 CDT

5/13 (all tr)
 2310 KSEL 93.7 TX Lubbock, "Rock-93", r,RKO
 0020 KVRP 95.5 TX Haskell, k, "Stereo 95"
 0040 KFMX 94.5 TX Lubbock, rp, "94-FMX" T nx
 0050 KMWV 103.3 TX Midland, m
 0730 KKQV 103.3 TX Wichita Falls, ex-KNTO
 0750 KLMT 96.7 TX Marlin, k

5/18
 0700 KMWT 95.9 TX Mineral Wells, k

This time last year was getting many of the Houston stations often, but only station from Houston in is KUHF 88.7.

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74074 - May 24 to June 11

Equip: Pioneer TX-9100 tuner, Antennacraft GFM-10 34 ft. high, rotor

5/24 Es
 1920 KEZJ 95.7 ID Twin Falls, ID 1030
 1930 KVMT 104.7 CO Vail, wx, close Es
 1932 KNAQ 92.1 ID Rupert, ID
 1956 KMTW 96.5 ID Twin Falls
 2030 KBXL 94.1 ID Caldwell, ID 1200

5/27 Es
 0950 WDSY 107.9 PA Pittsburg
 0952 WRKZ 106.7 PA Elizabethtown
 0957 WKXK 96.1 PA Pittsburg, "96KX"
 1000 WMMC 98.3 PA Mifflinburg, ID
 1000 WQKX 94.1 PA Sunbury, ID
 1001 WKTL 90.7 OH Struthers, ID
 1003 WWSW 94.5 PA Pittsburg "3WS"
 1005 WVPW 88.9 WV Buckhannon
 1007 WFBG 98.1 PA Altoona, wx
 1024 WMSY 98.1 MA New Bedford-Fall River (144.5 mi.)
 1028 WFBJ 105.1 RI Providence, ad "JB-105"
 1029 WQYT 98.1 NY Binghamton, ID

5/28 tr
 0921 KFER 95.7 NM Hobbs 420
 0930 KBAT 93.3 TX Midland, k, nx, ID 400
 2200 KFMV 107.9 AR Magnolia 300
 2215 KCOL 107.3 TX Lake Jackson, g, ID
 2220 KXKJ 107.5 LA Ruston, ad 360
 2224 KMLQ 102.1 TX Clear Lake City, ad 485
 2239 KFMK 97.9 TX Houston, ID 460
 2245 KQUE 102.9 TX Houston, "K-Q"

6/3 Es
 1245 XHMT 99.5 SIN Mazatlan, ID in English
 2153 KCTV 104.5 OR The Dalles, ID 1410
 2159 KFXD 94.9 ID Nampa, ID 1160
 2108 KSNM 93.7 ID Pocatello, ID 950

6/6 tr
 0120 KJHK 90.7 KS Lawrence, rp 260
 "the 100 wt. sound alternative"
 2115 KVRP 95.5 TX Haskell, k, new to air 260
 6/8 tr (super)
 0938 KFJH 94.3 TX Ft. Stockton 500
 (also others in from all over the Texas panhandle)
 2058 WIVK 107.7 TN Knoxville, ID, k 735
 2100 WKYV 106.7 MS Vicksburg, ID 445
 2113 WKBK 92.3 TN Milan, k 460
 2139 KWTX 97.5 TX Waco, ad 320
 2151 KLRE 90.5 AR Little Rock, ID 290
 2155 KTYL 93.1 TX Tyler
 2159 KTIJ 96.9 LA Alexandria 435
 2204 WQLT 107.3 AL Florence, strong \$ 540
 2231 WKIR 104.1 TN Jackson 460

(super strong, over KOPM of OKC)

5/21
 0700 KLAW 101.5 OK Lawton, k
 1230 KEBE 106.5 TX Jacksonville, k
 1235 KBFM 104.1 TX Edinburg, pop mx
 1325 KIOV 96.5 TX Corpus Christi, m
 1312 KIPR 95.5 TX Diboll, k
 5/28
 0745 KMFM 96.1 TX San Antonio, g
 0755 KELT 94.5 TX Harlingen, k
 0800 KQXT 101.9 TX San Antonio, m, "FM-102"

This time last year was getting many of the Houston stations often, but only station from Houston in is KUHF 88.7.

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74074 - May 24 to June 11

Equip: Pioneer TX-9100 tuner, Antennacraft GFM-10 34 ft. high, rotor

6/8 tr
 2300 KUCA 91.3 AR Conway, ID 275
 (in against local KOSU despite 59' tower)
 2318 KWKK 102.3 AR Dardanelle, ad "Quick 102"
 2325 KNTU 88.5 TX Denton, ID
 2353 KMMK 95.3 TX McKinney
 2357 WNNQ 89.9 LA New Orleans 595
 2359 KUHF 88.7 TX Houston 460

6/9 tr, cont.
 0000 WUWF 88.1 FL Pensacola, ID 695
 0005 KFXE 92.3 AR Pine Bluff 320
 0008 KYKR 93.3 TX Port Arthur 475
 0034 KNOE 101.9 LA Monroe 400
 0036 WXXX 106.9 AL Birmingham "Kix 106" 620
 0105 WBHM 90.3 AL Birmingham
 0131 KROZ 92.1 TX Tyler, ID 290
 0134 WJDD 101.3 MS Meridian "Q-101" 545
 0139 WAID 106.3 MS Clarksdale, ID 390
 0200 WMBW 88.9 TN Chattanooga 675
 0619 KUFO 97.9 TX Odessa, ID 420
 0636 KCR1? location not known, on 103.1
 0647 KMLA 103.9 AR Ashdown, ID, lake rpt. 240
 0655 WQNZ 95.1 MS Natchez, r, ad 460
 0700 WTSU 89.9 AL Troy, ID 710
 0727 KSTA 107.1 TX Coleyman
 0836 KSNY 101.7 TX Snyder, ID, m 325
 2034 KMOO 96.7 TX Mineola, ID
 2100 WJFS 106.7 SC Orangeburg, g, ID 960
 2200 WRJA 88.1 SC Sumter 970
 2214 WIVK 107.7 TN Knoxville 735
 2229 KWNM 98.3 TX Stephenville, ID
 2252 WQLT 107.3 AL Florence 540
 2306 WLRH 89.3 AL Huntsville, ID 610
 2359 KGNZ 88.1 TX Abilene, g, mono, s/off 300

And shortly before midnight the cold front passed through and silenced most everything to the east. After seeing and feeling the heat and humidity rapidly climb (97 degrees, 60% humidity isn't easy to bear) I figured dx had to break loose from the skies. However, I didn't expect to get SC so soon again after that state came in on the classic ducting of last June. When I tuned in WMBW, Chattanooga, mention was made of a caller from Okla. City. The station forgot to get the caller's name and wanted a card from him. "We want to know who you are", WMBW said. I got word from John Zondlo that he was the one they were after. He also had Roanoke, VA in on 89.1, clearly. Probably John will have his report in next month. I expect to make it to the WTFDA convention in OKC hope to see many of you there. 73

NORTHERN FM-DX

Ralph Strobel, editor
 2510 E. McGalliard Rd.
 Muncie, Indiana 47303
 Deadline: the 10th

JULY 1981

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.

E-SKIP BEGINS IN MAY

Saul Chernos - c/o P.O. - Burnt River, ON. KOM 1CO
 Equipment: Sony TFM-1102 with Rabbit Ears

4/24 tr
 2144 WRRN 92.3 PA Warren, ID, EZL mx 210
 4/25 tr
 0815 WLYT 92.3 OH Cleveland Heights, ID 285
 1551 WCML 91.7 MI Alpena, ID WCML/WCMU 250
 4/25 ms
 0645 unID 92.3 ad for grand opening:
 "Stateline Speedway" car racing
 1546 unID 92.3 ad for "Payne's Pizza"
 4/26 tr
 0840 CBE 89.9 ON Windsor, CBC-\$ 280
 1000 WGLN 91.3 PA Erie, ID on hour 190
 1106 WREO 97.1 OH Ashtabula, 245
 not WFUN as I reported earlier!
 4/26 ms
 1240 WESC 92.5 SC Greenville, SC wx 730
 4/26 au
 0711 WTCM 103.5 MI Traverse, 355
 ID's in dense hash
 0730 WIAA 88.3 MI Interlochen, 1/2 hr. ID 365
 0754 WWRM 106.7 MI Gaylord, "Warm-107" 315
 0800 WJGS 98.5 MI Houghton Lake, 325
 ID in mess of hash & CCI
 1730 WVWR 89.1 VA Roanoke, ID & QTH, 540
 Had to leave. Rats!
 5/15 tr
 0245 WOMC 104.3 MI Detroit, 290
 ID in fade-in
 1523 WKGW 104.3 NY Utica, 215
 ID in fade-in
 1631 WIAA 88.3 MI Interlochen, 365
 PSA for ? in Traverse City
 5/15 au
 0303 WEZS 103.7 VA Richmond, 510
 Right where I left off!
 1745 WEZS 103.7 VA Richmond, 510
 ID & QTH again!!!
 5/16 tr
 0715 WNIC 100.3 MI Dearborn, ID, T-40 295
 0740 WTCM 103.5 MI Traverse City, ID 355
 0800 WCMU 89.5 MI Mt. Pleasant, 330
 ID for WCML/WCMU
 0819 WRVO 89.9 NY Oswego, ID 145
 & s/on type info. (New calls are WBLZ-RS)

The period I am reporting represents the only time spent up at the DX shack up north in all of April/May. I decided to start digging behind the auroral hash which is frequent up here. Until I joined WTFDA, I thought hitting the radio would stop all that noise!! Little did I know. The "worst" times for this noise here seems to be the non-trop/skip months of late Sept. to early June and a bit in the summer when tr/es aren't happening. I also was able to send a few QSL reports, and in most cases, I had no trouble with ID-ing. Just turned the rabbit ears...one north, one south, and often in the direction of the station. The "due north" thing does not seem to apply to my radio, except that the antennae must go in the exact opposite directions. As for my MS unIDs, especially the Stateline Speedway, is a brand new car racing place. Surely someone in WTFDA is near it. Whoever can solve that or other unIDs will get a nice package of promo stuff &/or my local TV guide...his or her choice. Just write me. All correct solutions win, not just the first! May E-skip inundate us all.

+ + + + +

Andy Bolin - 709 Lincoln - Charleston, IL 61920

2/6 Au 1745-1840 lots of Des Moines & Cleveland. 3/23 MS @1259 KSET 94.7 El Paso TX (1140). 4/12 0030-0215 Au brought WAER 88.3 Syracuse NY (630) and WAMU, WKYS both DC (595). 4/13 Au @0100 KC-EZ 94.9 KC; 0124 WIVK 107.7 Knoxville TN; 0126 WLRS 102.3 Louisville KY. 4/26 Au 1615-1700 mostly Des Moines & St. Louis. 5/6 Es @1344 KRAI 93.7 Craig CO (1025) & KFKZ 96.1 Greeley CO. 5/10 Au and the rare AEs began at the same time on TV @2315. The AEs MUF just missed FM. 5/11 Au (cont.) 0001 CBE 89.9 Windsor ON s/off; 0003 KANU 91.5 Lawrence KS s/off; 0010 CBLG 93.5 London ON s/off, then mostly noise til 0120. 5/12 Tr @2000 WRAS 88.5 Atlanta (445). 5/13 Tr @0045 W-EZ-C 104.7 Charlotte NC (505); 0100 WJSQ s/R 101.7 Athens TN (340); 0730 xWTGO now "Super Q" WCQK 103.9 Campbellsville KY; 0759 WRSL mono/nx 95.9 Stanford KY; 0812 WKHG \$/promos 104.9 Leitchfield KY; 0815 WLSK nx/wx/s Lebanon KY. 5/22 INTENSE Es @1530 XHAAA, XHSRO & XET. 1543 XHNL changes to \$/EZ 94.9 Monterrey NL (1190); 1546 XHKL "M-U-S-I-C, \$ Hollywood" w/R 91.7 Monterrey; 1559 XHMN "\$ sie7e" w/R 107.7 Monterrey. I had no luck IDing the new 101.3 & 102.1 in Monterrey or 102.5 Reynosa. @1645 KGUL \$/R/P/jingles 95.9 Port Lavaca TX (905). Then 1715-1805 some NYC, NJ, MA relogs were WCTO, WMYS, WGBH, WNCN, WNYC, WPLJ, WQXR, WPAT & WVNJ. 5/24 Es @1105 KAMA 93.1 El Paso TX. 5/28 Es 1115-1155 from NM were KYKK, KBIM & KENW. @1140 KNIT w/KENM-AM siml/mono/upbeat MOR-almost rock 95.3 Portales NM (925). Later more Es from W. TX, NM & MX brought KFIN, KLAQ, XHPX, XHEM, XETO, K-LIT, KOB, KYDB from 1950-2105. I won't even tell you about the surprise in El Paso on 93.9. 2125-2155 WMCU, WLRN & WMTI all Miami FL (1045). 5/29 Es @0920-1105 from CT was WNHU; from NY was WHUC, WAMG; from MA was WERS, WGBH, WSOX, WJFD, WRLM, WPCR & WHAV now calling itself "wave"; from NH was WXLQ, WHOM; from ME was WMGX, WXXA, WABK, WQDY & WHOU.

Morris Sorensen - General Delivery - Amaranth, MB ROH OBO

Rx: Panasonic RF-2800 w/"whip" antenna located on third (top) floor of small hotel.

5/3 tr	1254 KDUZ 97.1 MN Crookston, "Z-97"	350km	5/25 tr	2057 KYTN 94.7 ND Grand Forks	320km
	2006 KIZZ 93.7 ND Minot, "Z-94"	322km		2059 KBTO 101.9 ND Bottineau	233km
5/15 tr	0010 CBWY 92.7 MB Jackhead Harbor			2318 CBWA 101.3 MB Manigotogan, 154w	
	0018 CBWZ 104.3 MB Fairford	112km		2333 KVOX 99.9 MN Moorhead	
5/20 tr	1900 KQDY 94.5 ND Bismarck,		5/26 tr	2257 KFJM 89.3 ND Grand Forks	320km
	(thru CHIQ splatter)			Lots of tropo this month, but no Es.	
				Time - CDT	73, Morris

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

5/13 tr 0629 WUTC 88.1 TN Chattanooga 415

Spent the last half of May visiting friends in northwest New Mexico in the little town of Crownpoint, which is about 100 miles NW of Albuquerque and 7200 feet above sea level. Although these friends are not DXers, they have a top flight Pioneer receiver and I was able to do some DXing. Normal reception consists, surprisingly, of several Albuquerque stations: KLYT 88.3, KUNM 90.1, KRST 92.3, KOB-FM 93.3, KWXL 94.1, KZZX 99.5, KKJY 100.3 and a very faint signal from KHFM 96.3. Also a station in Farmington and two from Durango, CO about 110 air miles. All this with only an indoor dipole. The stations in Gallup, 40 air miles, were very difficult to receive because of a nearby mesa.

As for DX: On 5/25 at about 1630 MDT a 15 second burst on 96.3 overrode KHFM and IDed as KADI St. Louis. I assume this was meteor scatter, but am very surprised to have logged it with an indoor antenna! On the morning of 5/29 at about 1000 MDT an E-skip opening into Louisiana and East Texas. Logged KYKR "kicker" 93.3 Port Arthur, TX. Also several unidentifieds in Louisiana.

I also visited Sandia Crest, NE of Albuquerque, the transmitter site of Albuquerque's TV and FM stations. 73s, Bob

Harry J. Hayes - 9 Henry St. - Wilkes-Barre, PA 18702

Equipment: GE Superadio, FM-4G Antenna at 25 ft., w/CM VHF amp. at Thornhurst, PA

4/19 as 1901 WMYK 93.7 NC Elizabeth City, 390 mi.
 5/22 Es 1730 KBFC 93.5 AR Forrest City, ID
 1740 KSSN 95.7 AR Little Rock, strong
 1820 KRFG 93.5 MO Greenfield, AOR, ID, "That Greenfield Station"
 1824 KSD 93.7 MO St. Louis, "KS-94," Coke ad supporting loc. police
 1830 KWFPM 93.9 MO West Plains, "The Great Ones"
 1830 KRMSt 93.5 MO Osage, ment. Camdenton, L. Ozark and Laurie
 2030 WPFM 107.9 FL Panama City, ID, strong

1981 so far, for skip and even tropo, is a bummer as of 6/5. Let's hope for a change.

Richard E. Wood, Ph.D. - 1922 Rampart St. - Cape Girardeau, MO 63701

Equipment: SAE 8000 w/indoor rabbit ears (tower still under construction at new QTH).

5/22 Es	1630 KET	94.1 NL Monterrey, \$, rancheras, till 1718	950
	1633 KOYE	94.9 TX Laredo, "\$-95," m	890
	1653 WLWH	93.7 CT Hartford, SS PSAs, US-accented SS jingle	950
	1656 WSOX	94.9 MA West Yarmouth, Cape Cod nx	1025
	1656 WTIC	96.5 CT Hartford, "TIC-FM, traffic report, m, verified quickly w/card, T-shirt	950
	1701 KBOP	98.3 TX Pleasanton, local nx, verified w/letter and bilingual bumper stickers	790
	1705 XHAAA	93.1 TA Reynosa, "XE-triple A," "Estéreo Recuerdo en la nostalgia musical," most common Es station here but still not verified.	900
	1706 WHYN	93.1 MA Springfield, "WHYN Action News," stocks	975
	1710 WMGX	93.1 ME Portland, live m DJ show, PSAs	1100
	1714 KIOU	96.5 TX Corpus Christi, local bank ad	820
5/27 Es	1030 WEZF	92.9 VT Burlington, timecheck, Burlington Intl. Airport	975
5/29 Es	0915 WEZF	92.9 VT Burlington, c	975
	0925 CKCU	93.1 ON Ottawa, hard r, strong Canadian EE accent	920
	0930 CJMF	93.3 PQ Québec, "Les informations CJMF," Centre Normandie, Route Trans-Canada ads, solid	1165
	0936 CFQC	93.9 PQ Trois-Rivières, FF interview w/accented anglophone, Québec chansons, non-commercial	1100
	0941 GJFM	94.9 PQ Hull-Ottawa ON, German pop song, FF DJ, Ottawa items	920
	0945 WHOM	94.9 NH Mt. Washington, ad for "Heritage NH," m	1150
	0955 WMGX	93.1 ME Portland, "The Source," booming	1105
	1000 CBM	93.5 PQ Montréal, substitute programming due to protracted CBC strike, nx read drably, apologies	1010
	1010 CBV	95.3 PQ Québec, also strike-impacted, c	1165
	1012 CKMF	94.3 PQ Montréal, ads for La Ouerasse (obligatorily francised from the Warehouse) auto ads, "Vous écoutez l'émission André...à CKMF," m	1010

Eric Fader - 23-25 Bell Blvd. Bayside, NY 11360

Equipment: GE Superadio

This report covers Sept-May, from West Phila. All stations new to Philadelphia log.

9/4 tr (1980)	2329 WNOR 98.7 VA Norfolk, r	4/2 tr (1981)	0017 WRVQ 94.5 VA Richmond, "Q-94"
	2358 WESR 103.3 VA Tasley, g		0030 WQMS 103.5 DC Washington
9/5 tr	0047 WXRA 105.9 VA Woodbridge, k		0037 WEUR 96.3 DC Washington
	0058 WLIR 92.7 NY Garden City		0100 WEZS 103.7 VA Richmond, WMGM-NJ off
	0120 WHUD 100.7 NY Peekskill	4/24 tr	0035 Virtually all NYC FM & TV.
9/12 tr	0047 WNAV 99.1 MD Annapolis	5/4 GW	0830 WFEB 88.1 PA Philadelphia, 10w 1st day on the air
9/24 tr	1800 WDBK 91.5 NJ Blackwood, 10w	5/10 tr	0130 WFMU 91.1 NJ East Orange
10/11 tr	2105 WOBN 92.7 NJ Toms River	5/18 tr	0100 WSOU 89.5 NJ South Orange
	(One of "closest unheards" from NYC!)		2130+ DC & MD tropo.
10/19 tr	0205 WETA 90.9 DC Washington, j	5/25 tr	0159 WBKZ 95.9 MD Glen Burnie
	0258 WTR 95.9 DE Bethany Beach	5/26 Es	2001 WMCU 89.7 FL Miami
11/23 tr	2223 WGH 97.3 VA Newport News		2018 unID 89.7 Cuba? w/SS u/WMCU
	2247 WCMS 100.5 VA Norfolk, k		Let's see some more of them Es, guys!
	2358 WASH 97.1 DC Washington		73s, Eric

Frank Merrill - P. O. Box 7207 - Toledo, OH 43615

Happy DX'ing and happy times to all! As expected, DX was slim during the off season. Much of the listed DX is comprised of relogs by new propagation modes (Au), though five new logs boost my total to 1101 heard.

* Continued *

Table with columns for call letters, frequency, and location. Includes entries like 1/3 Es 1713 WIDE 94.3 ME Biddleford, ad: Continental CATV in Saco.

I am hoping that I will be home this time when the big 1981 Es opening hits. I've had the McIntosh MR-78 and rotatable 9-element yagi for almost two years now, and I have yet to be home during a "super" skip opening! Very disappointing.

Ernest R. Cooper - National Radio Club - 5 Anthony Street - Provincetown, MA 02657

The first E-skip opening of the season occurred around here on the evening of May 26. Last year it was on the morning of May 30th. It seemed limited to the middle of the dial here and brought an opening into Central Florida. I logged WCKS 101.1 in Cocoa Beach and WDIZ 100.3 in Orlando, areas I had visited last December on a vacation trip, so hearing these stations was doubly exciting.

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

Table with columns for call letters, frequency, and location. Includes entries like 2/1 Es 1400 KWLS 93.1 KS Pratt, k, ID 1170 and 5/28 Es 2211 WJYM 99.7 MS Jackson, pr 1305.

This E-skip season seems to be starting out pretty well. I doubt it will keep the pace. However, tropo was limited to the 300 mile range. I hope this DX season is as productive as last years was. One strange thing about the skip so far this year is that I seem to be getting everything I didn't get last year.

Alan L. Michalek - 227 Redlands St. - Springfield, MA 01104

Equipment: SABA 300 Stereo and Panasonic RF-2900

Table with columns for call letters, frequency, and location. Includes entries like 2/17 GW 2030 WNEK 97.5 MA Springfield, new freq. 1810 and 5/22 Es 1047 KWTO 98.7 MO Springfield, AOR 1047.

Robert S. Ross - VE3JFC - Box 4373, Stn. C - London, ON N5W5J2

Tropo and E-skip season just starting here in Ontario. A few E-skip openings at end of May, but not strong enough yet to ID any stations. Antennas here are six element FM Yagi, rabbit ears, and a dipole, all at 130 feet on balcony facing south.

Table with columns for call letters, frequency, and location. Includes entries like 5/4 tr 0129 WOOS 106.9 OH Canton 150 and 5/19 tr 0147 WBEA 107.3 OH Elyria 125.

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

Equipment: Heathkit AJ-1510 and Akai AT-V04 w/winegard antenna at sixty feet up.

Table with columns for call letters, frequency, and location. Includes entries like 5/28 Es 97.5 MUF (w/Heathkit) 1170 and 6/5 Es (w/Akai) 2159 KTKG 88.7 TX Fort Worth 860.

The FM band was totally dead here in April and most of May. Finally, late May and early June produced a few openings. It was surprising to hear 10 watt WKHR Bainbridge, OH. To be sure WKHR is still 10 watts, I have written them and hope to receive a reply. I wrote 88.3 WBWC Berea, OH and received an answer.

EASTERN TV-DX

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

Eastern TV-DX

Deadline: 5th

The E-Skip season got underway here but, as in the past few years, it was late in arriving and the openings left much to be desired. Let's hope things pick up next month.

Steve Sprachman; 3939 Eve Drive, Seaford, NY 11783 EDT

"How is everything in Wisconsin? I visited your state on my vacation last week. (Why didn't you drop in?--wd) The natives were friendly and the places I visited were nice.

First, let me give my report, then I'll make a few comments from my trip. Up till the time I went on May 6th, DX here was very slow. I came back to what could best be described, a surprise.

5-21 Tr 2000 WWSG-57 PA --I.D. on barker channel over W57AB New York. Also received 17, 23, 29, 48, 52 Philadelphia area, 16, 28 Salisbury, MD.

5-22 Tr 0630 W59AA West Haven, CT(WVIT-30, rare). 25, 38, 56, 68 Boston. 22, 40 Springfield, MA. 20, 30 CT. 17, 29, 48 Philadelphia

WFTI-54 Poughkeepsie, NY with religious programs now definitely on the air.

Es 1900 (first of the season) chs. 2-6.

WCIA-3 IL
KTVO-3 MO

Unided-3 with "PM Magazine".

5-23 Es 0700 Unideds.
Tr WDCR-20 DC

Now--comments from my vacation. I was able to watch two STV stations. WCLQ -61 Cleveland and WHHT-31 Ann Arbor. I did not notice any barker channel on either. (Neither have I--wd)

I picked up 23 different editions of TV Guide. Two came in handy for my Es on May 22nd. WSFJ-52 Newark, OH is listed in the Columbus Metro Edition. ON-TV (Detroit's STV service) is listed in the Detroit TV Guide but WHHT-31's IT service is not.

And finally, some local cable companies bring in interesting stations. The ABC station on Pierre, SD's was KBTB-9 Denver, as opposed to much closer KXON-5 Mitchell, SD."

Robert S. Ross; Box 4373 Stn. C, London, ON N5W 5J2 VE3JFC EST

2-27 Tr 1858 <u>WPTD-16 OH</u> Dayton	4-2 Tr 1950 <u>WCLQ-61 OH</u> Cleveland	5-1 Tr 0152 <u>WKBN-27 OH</u> 0154 <u>WKBD-50 MI</u>
2122 <u>WTAP-15 WV</u> Parkersburg (State No.25)	5-1 Tr 0140 <u>WGPR-62 MI</u> 0149 <u>WUAB-43 OH</u> 0200 <u>CKCO-42 ON</u>	0157 <u>WJAN-17 OH</u> 0200 <u>WKYC-3 OH</u> 0204 <u>WSPD-13 OH</u> (Now WTVG)
2320 <u>WPGH-53 PA</u>	0150 <u>WSEE-35 PA</u>	0205 <u>CKCO-13 ON</u>
28 Tr 0037 <u>WNED-17 NY</u>		

DX equipment includes a Toshiba portable TV.

George Rogers; 320 Lafayette Road, Chickamauga, GA 30707 EDT

4-26 Es 2205 <u>XHRIO-2 Tam</u> 2207 <u>KGBT-4 TX</u> 2210 <u>KRGV-5 TX</u> 2213 <u>XHD-4 Tam</u>	From Chickamauga: 4-27 Es 2230 <u>KTCA-2 MN</u> 4-28 Es 1045 <u>KNOP-2 NE</u>	4-29 Es 2135 <u>KMID-2 TX 1119</u> 2137 <u>KWAB-4 TX 1079</u>
5-3 Tr 0915 <u>WLEK-18 KY</u> 0917 <u>WZTV-17 TN</u> 0918 <u>WZHT-25 IN</u> 0918 <u>WKYT-27 KY</u>	From Radcliff, KY: 5-3 Tr 0920 <u>WKPD-29 KY</u> <u>WKOH-31 KY</u> Owensboro	5-3 Tr 0925 <u>WKON-52 KY 80</u> <u>WKGB-53 KY 85</u> 0928 <u>WKMR-38 KY 175</u> Morehead

Eastern TV-DX

George Rogers; continued---

5-3 Tr 0930 <u>WTHR-13 IN</u> 0935 <u>WTW-2 IN</u> <u>WTV-4 IN</u> <u>WISH-8 IN</u> <u>WCPO-9 OH</u> 1900 <u>WTHI-10 IN</u> 2130 <u>WLWT-5 OH</u> <u>WRTV-6 IN</u>	5-4 Tr 0850 <u>WDTN-2 OH</u> 0852 <u>WGCN-12 OH</u> 0855 <u>WPTO-14 OH</u> <u>WPTD-16 OH</u> 0900 <u>WBAK-38 IN</u> 0902 <u>WXIX-19 OH</u> 0910 <u>WBTI-64 OH</u> Cincinnati	5-4 Tr 0910 <u>WCWN-54 KY 130</u> 0912 <u>WHIO-7 OH 183</u> 0915 <u>WKBF-22 OH "</u> 0920 <u>WFYI-20 IN 140</u> 2130 <u>WPSD-6 KY 177</u> 2135 <u>WVIN-9 IN 112</u> 5-5 Tr 0805 <u>WTVW-7 IN "</u> <u>WDCN-8 TN 131</u> <u>WPKO-13 KY 70</u>
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July 1981

From Chickamauga:

5-5 Es 1630 <u>XHFM-2 Ver</u> Veracruz	5-8 Es 1000 <u>CBFT-2 QB</u>	0815 5-13 Tr <u>WGR-38 KY 350</u>
5-6 Es 1145 <u>WPLT-2 FL</u> 1300 <u>CBWFT7-2 ON</u> Kenora	5-12 Tr 1915 <u>WDCN-8 TN</u> 1930 <u>WTVF-5 TN</u> 2145 <u>WKSO-29 KY</u> 2303 <u>WTVW-7 IN</u> 1330 <u>CNPR-2 ON</u> 1335 <u>CHFD-4 ON</u>	5-13 Tr 0820 <u>WDAM-7 MS 376</u> 0825 <u>WTVQ-36 KY 292</u> 0840 <u>WLKY-32 KY 303</u> 1005 <u>KATV-7 AR 454</u> 5-15 Es 1132 <u>KOAA-5 CO 1204</u> 1137 <u>KWGN-2 CO 1316</u>

Equipment: RCA 12" portable Model No. 4FR-246-W. "Total stations to date is 454. I hope to reach between 460 and 470 by the end of the season and I still hope for my first high-band E-Skip ever this summer. Remember, we're gonna have DX fun in '81."

Robert Grant; 5775 Bishop, Detroit, MI 48224 (313)884-3025 CDT/C2DT

4-19 Au 2330 Unideds on 5, 11 & 13.	5-3 Ms 0615 <u>WCBS-2 NY</u> 5-9 Au 0245 Unideds on chs. 2, 3&4.	5-20 Ms 0411 <u>CKCO-2 ON</u> Ms #11
22 Tr 0530 <u>WPXI-11 PA</u> (was WIIC)	0424 Over ch13	5-21 Tr 0429 <u>WSAZ-3 WV 280</u> 0500 <u>WTVV-4 IN 235</u> Ms 0515 <u>WSB-2 GA</u> 0517 <u>WNGE-2 TN 470</u>
23 Au 0105 Unideds on 5, 10, 11, & 12.	5-11 0110 Unideds chs. 5-13.	5-22 Tr 0215 <u>W67AJ MI 43</u> Es 1800 <u>WEDU-3 FL 1000</u> <u>WPET-2 FL</u> Miami #215
Tr 0236 <u>WSAZ-3 WV</u> Huntington	0122 Dead on hi-band.	1850 <u>WTVJ-4 FL</u> Miami #216
Ms 0502 <u>WNGE-2 TN</u>	Ae 0216 Unided-3 NNW.	1930 <u>WCIV-4 SC</u> Charleston
Au 0505 Unided-3		1950 <u>WCSC-5 SC</u> Charleston #218
26 Au 0500 Unideds on 2, 3&4.	0228 Ae & Au both lost.	2010 <u>MUF dives to ch.2.</u>
Ms 0533 <u>WCCO-4 MN</u>	5-15 Au 0000 Unided on ch.5.	
27 Tr 0300 <u>WISN-12 WI</u>	0220 Superstrong	
Au 0410 Unided-4	0318 Gone	
29 Ms 0515 <u>WSB-2 GA</u> 0523 <u>CBFT-2 P.</u> 0534 <u>WCBS-2 NY</u>	5-16 Au 0300 Unideds chs. 2-11.	
30 Gw 2330 <u>CICO-32 ON</u> (w/WFUM prog.)	5-17 Tr 0400 <u>WGN-9 IL</u> 5-18 Tr 0525 <u>WTHR-13 IN</u>	

"One thing I think I better mention is that Au was going wild thru April & May. I wish it was possible to I.D. stations via this model

I use a RS V-90 log (their second cheapest) on Gemini AR-1 rotor. On 5-13 I redid the lead in scheme w/100' of RS 15-1175 lead in and standoffs. (The old lead in was K-Mart type (50') and no standoffs. It was also too short.

The skip of 5-22 was on the 2nd anniversary of my 1st Es which also started out with WEDU. WTVJ was so close to perfect & offset with WDIV-4 that all I saw was a picture over WDIV that switched polarity twice every 3 seconds. WCIV was about 2 hz to WDIV."

Rich Turcsany; 7 Cayer Circle, Shelton, CT 06484 EST

2-16 Tr 1030 <u>WWSG-57 PA</u> Philadelphia	2-22 Tr 1815 <u>WCAN-13 ME</u> Portland	4-30 Tr 2330 <u>NYC xltres</u> NJ U's snowfree
"testing"	3-27 Gw 2250 <u>WFTI-54 NY</u> Tidewater U's	5-1 Tr 0650 <u>Boston,</u> Philly U's
2-22 Tr 1750 <u>WCBB-10 ME</u> Augusta	"testing xmtr at Highland, NY"	WMDT-47 MD 220 mi.

Only a few things to report this time. WFTI-54 came on the air Easter Sunday with (according to prez Keith Houser) "family" TV programming. They

July 1981

Rich Turcsany; continued---

don't like to use the term "Christian", but about 90% of its shows are Christian oriented. ERP is 5000kw directional from Illinois Mountain in Highland, with studios in Poughkeepsie. WRBV-65, Vineland, NJ was to be on by now broadcasting WHT pay TV service, but I think they are going to wait until their low powered xtrs are granted. Es KSTS-48 San Jose, CA also going to put WHT on its xtrs? (I have found the correct channels for a few stations listed in FCC TV News... KUSK-7 Prescott, AZ, WFGC-53 Palm Beach, FL, WBHA-66 Joliet, IL, WRHP-63 Richmond, VA, WENX-35 Richmond, VA, WCCT-57 Columbia, SC, WMAC-53 Atlantic City, NJ, WFWY-43 Syracuse, NY, WSTG-64 Providence, RI, KNAN-39 W. Monroe, LA, WGSE-43 Myrtle Beach, SC, KTMA-23 Minneapolis, MN, WFLX-25 W. Palm Beach, FL, WKNA-43 Melbourne, FL, WKME-38 Seaford, DE, WGN-51 Sandusky, OH)

Family TV is now equipped for CATV (incl. HBO), seems the engineers have been DXing with their TVRO's as I have caught WTBS-17, USA Network, The Movie Channel, PTL, Trinity, Modern Satellite Network, and even CHN on the wrong channel. CATV is only supposed to provide HBO, CNN, SPN, KWEX-41 feed, C-SPAN, ESPN, and CHN.

Frank Wheeler; 6589 Wattsburg Road, Erie, PA 16509 EDT

5-5 Es 1201 KNOP-2 NE 5-27 Es 1200 KCKT-2 KS 5-29 Es WDAF-4 MD 779 @ 1100
 5-27 Es 0930 WEAR-3 FL 5-29 Es 1000 KETS-2 AR 1130 KCKT-2 KS 1015
 1000 KATC-3 LA 1030 KARD-3 KS 5-30 Tr 2000 WOTE-30 OH 185
 1030 KETS-2 AR 1031 KTVI-4 OK Toledo

Log totals: 280 received---214 verified. Equipment: 1976 Sylvania color TV. Antennas: Archer WU 120. Servo-Rotor.

"Bought a used Sylvania 25" color--year 1976. New picture tube. Guarantee 2 years. Better & stronger on UHF than my '70 Zenith."

Pat Durkin; 8829 W. Orchard St., W. Allis, WI 53214 CDT

5-4 Es 1110 KWGN-2 CO 5-23 Es 1900 KPRC-2 TX 1010 5-29 Es WLEZ-2 ME 945
 Denver 5-28 Tr 1806 WGTU-29 MI 165
 5-12 Es 1030 KTWO-2 WY 1844 WLEZ-26 WI 105 Equipment: Tuner section
 5-15 Tr 0030 WQAD-8 IL Green Bay of RCA Selectavis-
 0125 KDUB-40 IA Es 2000 WBRZ-2 LA 890 ion VDT-501 VCR, with
 0250 WBBF-4 IL 2030 WESH-2 FL 1035 Panasonic CT-93 19"
 Rock Island Dayton Beach color TV. Winegard CT-
 (WTMJ off) 2045 KPRC-2 TX 1010 1001 VHF-UHF-FM antenna

with rotor at 35'. Log totals: 133; 61 VHF, 72 UHF.

There was little DX here in the Milwaukee area in March and April, other than the usual tropo across Lake Michigan into Michigan, Indiana etc. However, there was a dramatic improvement in May, with a few strong tropo openings and Es on a semi-regular basis. The most intense Es and tropo openings both occurred on 5-28, when there was a tropo opening to the North and East and a Es opening to the South. During this opening I was finally able to pick up WLEZ-26 Green Bay, WI after 4 months of trying. They ran very few commercials, only a 2 minute break each half hour. The Es opening that night was strong, as I was able to pick up a Florida FM station on 107.9 for a short time.

Some local TV news: WMVS-10, WVTM-18, and WMVT-36 all Milwaukee, all recently boosted their coverage areas by moving to a new 1100' tower. Channels 10 and 18 began operating from this tower about April 1st and ch.36 began operation from the tower about May 15th. The greatest improvement in coverage was in WMVT-36, which should make this station less of a challenge to Midwest TV DX'ers.

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

5-18 Tr 2300 WXEX-8 VA 183 5-22 Es 1801 WDAF-4 MD 1034 5-22 2025 fade out.
 5-21 Tr 2315 25,41,44&60 1814 WOI-5 IA 976 5-23 Es 1345 KHAS-5
 Onancock, VA 1818 KMTV-3 NE 1100 Hastings
 xtrs. 1823 WWL-4 LA 1066 1400 KMTV-3
 5-22 Es 1720 KJRH-2 OK 1139 1919 WDSU-6 LA " KTVO-3
 New Orleans 1415 fade out

July 1981

Bill Fahber; continued--- 5-25 Es 1730 WPBT-2 FL t 5-26 Es 0705 KOET-3 OK
 Unided-3; 8 WLEB-3 MS
 5-24 Tr 2320 WXEX-8 VA 1745 fade out. 5-28 Es 1630 WPBT-2 FL
 WAVY-10 VA 1820 Unided-3; WPTV-5 FL t
 WWBT-12 VA not USA. 1700 Unided-3;
 2335 WYAH-27 VA WTVJ-4 FL 1700 Unided-3;
 Unided-62 1828 Cuba ch.5. 2000 WESH-2 FL
 (W62AY?) 1830 WPBT-2 t
 (Frederick, MD) 1918 WESH-2 FL "Thanks for forwarding
 WTVZ-33 VA Daytona Beach the material to me for
 5-25 Tr 0810 WCVW-57 VA t 2105 fade out. the FCC TV News column.
 Unided-26 N or S; not WETA.

Here is my report for Feb.-May: Tropo conditions for February and March were dead, as to be expected. I finally installed a rotor in time for the skip season, but was having mechanical problems which hindered DX'ing in April. Things are working fine now. I decided to list my frequent Virginia loggings (Richmond, Onancock, Norfolk, etc.) only when they are unusually strong. First sign of skip was on 5-15, when several stations were coming on my employer's radio (45.84 Mhz). I was able to talk to one guy in Tyler, TX using 300 watts. First sign of skip on TV was 5-18 at 1605 lasting 20 minutes, reaching only ch. 2. On 5-22 skip lasted from 1545 until 1600, but came on strong at 1713 with signals pouring in from every direction, with MUF reaching ch.6 by 1745. A few curious notes about that evening's skip: Firstly, ch. 4 and 6 in New Orleans were in strong all evening, even when there was no trace of skip elsewhere. The picture on WWL was a double image, offset horizontally about an inch. Since both images were equally strong, and could not be eliminated by rotating the antenna, I wonder if two skip clouds could be reflecting the signal. Tom Yingling was logging Florida stations that evening, but I couldn't get any trace of Florida. My first Cuban logging was May 25 during a strong opening towards Florida. I was surprised to see it producing 10 Khz CCI over WTTG-5 since the Cuban and American systems are so different. But according to the World Radio TV Handbook, the video for Cuba's channel four and our channel 5 are both 71.75 Mhz. Since WTTG's video is 71.74 Mhz, 10 Khz CCI is produced. Now how do I find out which Cuban channel 4 I received?(This is news to me. I thought U.S. and Cuban channels & frequencies were generally the same.--wd). Judging by the activity in the past two weeks, I think we're in for a super skip season."

Greg Kelley; 211 St. Clair Ave S.W., New Philadelphia, OH 44663 EDT

5-29 Es 1100 KNOP-2 NE 950 6-1 Tr 0630 The usual UHF from Detroit, Toledo,
 KWGN-2 CO 1150 Ann Arbor, Canada, & Huntington!!
 Denver

"Colorado is #18 for me! With the exception of the above Es, there was nothing outstanding to report. I did talk to a guy that lives on a 1200' hill, has a 40' tower with CM 7' dish and 38 db preamp...says Chicago UHF's is normal reception! Yeah..guess it would be.

I'd like to mention the fact that I am able to offer Elonder-Tongue preamps to club members at a discount. The discount would range from 10% to 28% off retail prices. I buy very little from the distributor so its hard to say how long I can buy wholesale. So if any of you might be interested, please drop me a S.A.S.E. for a list."

Bill Hepburn; 5659 Highland Ave., Niagara Falls, ON L2G 4X2 EDT

"Here's my TV DX report for May 1981. The E-skip started on May 22nd here, nothing spectacular though. Some Au noted on the 10th & 11th during a minor geomagnetic storm, but no I.D.'s Tropo was good on the 22nd (hi-pressure Tr) and on the 30th (weak cold front passed). Sandusky NOAA Wx Radio (at 215 mi.) was received during that opening. You're probably already logging 600 mile stations by now, hi!"(Not lately, just the usual stuff at 400 mi.--wd).

5-4 Tr 0812 WKBD-50 MI t 5-11 Au 1231 Unideds; 5-20 Tr 0832 W26AA NY 45
 W58AO NY t chs.2&3. (WNED xtr back on!)
 5-6 Es 1239 MUF to ch.4 5-14 Es 1703 MUF to ch.4 5-22 Tr 0735 Detroit U's
 5-8 Tr 0746 Detroit U's 5-15 Es 2227 " " ch.3 0807 W??-67 OH
 0821 WIHT-31 MI 5-16 Es 1846 " " ch.4 Canton
 Es 1221 MUF to ch.2 5-20 Tr 0743 WNP1-18 NY (testing)
 5-10 Au 2204 Unideds on 0819 WTVS-56 MI 0808 CICO-32 ON
 chs.2 & 3.

Eastern TV-DX

Bill Hepburn; continued---5-24 Tr 0833 WXON-20 MI t 5-28 Es 2100 WEAR-3 FL t
5-22 Tr 0808 WGTE-30 OH Es 1216 MUF to ch.2
Toledo Es 5-26 Es P.M.; weak ch.2
0820 WBGU-57 OH 5-27 Es 0746 WDIQ-2 AL t
Bowling Green 0807 WLBT-3 MS t 5-29 Es 1205 MUF ch.3
Es 1731 WMAB-2 MS t 0812 WEDU-3 FL t
1742 WEAR-3 FL 0923 WEAR-3 FL 5-30 Tr 2028 WEYI-25 MI
1800 WCBI-4 MS 0931 WKRG-5 AL t
Columbus 0939 MUF to 91Mhz
1801 MUF to 91Mhz 0943 WTVY-4 AL t
5-23 Es 1136 WSB-2 GA t 1000 WSB-2 GA
1308 KETS-2 AR 5-28 Es 1902 WESH-2 FL
Daytona Beach
1315 WLBT-3 MS 1916 WJXT-4 or
1327 MUF-ch.5 WTVJ-4
1343 WREG-3 TN t
1430 KJRH-2 OK t 2020 WCBD-2 SC
1437 KARK-4 AR t 2030 WPBT-2 FL

Ken Simon; 513 Sixth Ave South, Lake Worth, FL 33460 EST/EDT

4-1 Tr 2000 ICR6-9 Cuba 5-5 Es 2000 KIII-3 TX 5-19 Tr 0415 WTOG-11 GA
Tele-Rebelde-13 " 5-16 Tr 0648 WJKS-17 FL 5-20 Es 2000 KLNE-3 NE t
4-4 Tr 2145 WJKS-17 FL 0730 WTSP-10 FL 2100 KTBS-3 LA
WAWS-30 " WJCL-22 GA 5-21 Es 1359 KPRC-2 TX
4-13 Tr 1755 " " 0815 WAWS-30 FL 5-22 Es 1600 WTWO-2 IN
WJCL-22 GA 0840 WXAQ-47 FL WCIA-3 IL
4-27 Tr 1800 WAWS-30 FL 0900 WJCT-7 FL WTMJ-4 WI
1820 WJKS-17 5-17 Tr 0557 WTLV-12 FL 5-26 Es 1728 WFSB-3 CT
over WLRN 1958 WJCL-22 GA MUF to 107.5 to NE U.S.
WJCL-22 GA 5-18 Tr 0628 WAWS-30 FL 1930 WRGB-6 NY
1823 WJWJ-16 SC 0815 WJCL-22 GA Schenectady

Robert S. Ross; Box 4373 Station C, London, ON N5W 5J2 VE3JFC EDT

5-18 Tr 0232 WIHT-31 MI 5-20 Tr 0143 WTVS-56 MI 5-21 Tr WUAB-43 OH 110
Ann Arbor 0145 WCLQ-61 OH
0347 CFMT-47 ON 0148 WQPR-62 MI Stats:
5-20 Tr 2240 WGTE-30 OH 0158 WSEE-35 PA
Toledo 5-21 Tr 0123 WDHO-24 OH 157 seen ----- 105 verif.
0130 WXON-20 MI 0125 WEYI-25 MI
0132 Uxbridge-22 0127 WKEN-27 OH states seen-----25
0136 WJBT-24 PA 0130 WAKR-23 OH states verified-----20
0139 WKBD-50 MI 0132 WFMJ-21 OH provinces seen-----2
provinces verified-----2

"Antennas used are UHF Flying Arrow, rabbit ears and dipole all at 130 feet high on balcony facing south."

Harry J. Hayes; 9 Henry St., Wilkes-Barre, PA 18702 EST

5-4 Es 1100 KPRC-2 TX 5-23 Es 1423 KQTV-2 MO 5-28 Es 1930 WPBT-2 FL
1500 KLNE-3 NE 1942 WJXT-4 FL
5-16 Es 1905-1920 Un- 1600 KUSD-2 SD 2000 WCIX-6 FL
ids on 2&3. 1602 fade out 2130 WBRZ-2 LA
5-22 Es 1730-2030 Un- 1930 WTVJ-4 FL 6-2 Es 2030 Unids-2
ids 2 through 71 5-26 Es 1900 WPBT-2 FL 6-3 Es 1910 KTVI-2 MO
Too busy on FM. 5-27 Es 2340 WESH-2 FL 1915 WMT-2 IA
5-23 Es 1400 KARD-3 KS 5-28 Es 1730 WESH-2 FL 2000 KUSD-2 SD
WDAF-4 MD 1930 WTVY-4 AL 2015 KDLO-3 SD

Equipment: RCA 25" XL-100 connected to Winegard 2-6 VHF antenna mounted on two chairs in a spare bedroom.. RCA 12" XL-100 connected to 5' CM parabolic dish in attic. CM amp. on Winegard 2-6, Winegard AG-4990 on dish.

The channel 7 skip on 5-22 was not seen by me personally but by Glenn Jacobs in nearby Sterling. He saw full color skip on that channel around 1830. The quality of the skip year so far is just like or worse than the last three. Skip is just very scarce. June so far has produced next to nothing. I monitor the set almost constantly when I'm not at work. My goal this year is not to add new stations to the log book but to see how many stations I can photograph. On the UHF scene; WFTI-54 Poughkeepsie, NY is always visible

July 1981

Eastern TV-DX

Harry J. Hayes; continued---

here as a weak choppy signal which isn't bad for them since they are 90 mi. away in a bad direction, my QTH is deep in a valley and my dish which is in the attic below roof level must point smack in the direction of a row of neighbors houses to pick them up.

Frank Merrill; P.O. Box 7207, Toledo, OH 43615 EST/EDT 11-16-80 to 6-3-81

"Hi y'all and happy DX and everything else! There was some DX to be had over the winter, but not like the '79-'80 winter. Of course I didn't expect a reoccurrence of everything that great anyway, hi! Thanks to Rob Kramer's photo tips I am now photographing my DX. Unfortunately, until the time he told me how to take TV pictures, I thought it required one of those \$300 cameras and I didn't know in time for my Houston Tr, etc. in 1979. Three new loggings (one of them unided, but definite) will boost my logged TV total to 572."

11-16 Es 2000 KRIS-6 TX 11-26 WDHO-24 continued 5-8 Tr 2255 W46AB NY
Corpus Christi 5-11 Es 0152 CFSS-3 SK
11-23 Tr 0048 CICO-60 ON power for several 5-27 Tr 0001 KETC-9 MO
("who is this") weeks. KIDL-30 MO
(I don't know; 2-27 Tr 0010-0035 KFVS-12, WBAK-38 IN
but mabe it's WFTL-14, WAND-17 WAND-17 IL
CICO-59--wd) snowfree as was 0049 WIGS-20 IL
CICO-19, CKGN-22, WLF1-18, WKOW-27, WICD-15 IL
CBLFT-25, 44, 76, WICS-20, WFYI-20, WTHI-10 IN
CITY-79, both over WXON-20 WTVW-2 IN
0122 WNBP-16 PA , KIDL-30, WRDU-19 W68AA IL
WNPE-16 NY WLKY-32, WBAK-38, KPLR-11 MO
0200 WVIA-44 PA WEHT-25, WTHI-10. 5-28 Es 1300 KENW-3 NM
CJOH-13 ON t 0125 WEEK-25 IL 2130 WEDU-3 FL
2047 WVED-17 NY 0300 KPLR-11 MO 2217 MUF 92.7
WUTV-29 NY 1200 WGTU-29 MI 6-2 Tr 0110 WKPT-19
11-26 Tr 1840 WXON-20 off, Lexington U's 1430 WKPC-15 KY
leaving-- WLEX-18 KY
WUOB-20 OH W64AK, 6-3 Es 2307 KMID-2 TX
WICS-20 IL CITY-79, 2359 KWGN-2 CO
WPHY-20 IN CBLFT-76, WKMR-38, 2400 WCLQ-61 OH
WAND-17 IL WIXT-9, CFMT-47, Cleveland
WNPE-16 NY 2100 WJEX-16, W36AA
WPHN-7 MI 3-1 Tr 2225 WKPT-19 TN And Frank says his
WILL-12 IL 3-6 Tr 1920 WGTQ-8 MI work schedule has
WKLE-46 KY 5-6 Tr 2140 WROC-8 NY changed so he won't
1851 WDHO-24 off, 5-8 Tr 2240 WVED-17 NY let his reporting fall
leaving-- WUTV-29 NY so far behind.--wd
WVWU-24 WV CICO-19 ON

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

5-3 Tr 2120 WKAS t 5-23 Es 1926 KBTX-3 TX 5-29 Es 2200 KWAB-4 TX t
2207 WBTI-64 OH 5-24 Tr 0715 KIDL-30 MO 5-31 Tr 0618 WDIO-10 MI
2224 WNEO-45 OH (rare here)
2238 WPGH-53 PA Es 1601-2100 Unids;
2253 WJET-24 PA watch. chs.2&3.
Youngstown U's 5-28 Es 1957 WESH-2 FL 5-29 Es 0915 WSAV-3 GA
WJAN-17 OH WJXT-4 FL KTVY-4 OK t
5-4 Es 1200 KXLF-4 MT 2004 WEDU-3 FL 1000 WTKR-3 VA
KRTV-3 MT 2025 WTHS or WRC-4 DC t
5-10 Es 2140 CBHT-3 NS WPBT-2 FL 1015 KYW-3 PA
CHSJ-4 NB 2040 WCBD-2 SC 1040 WBZ-4 MA
CHSJ-1-6 NB 2105 WCTV-6 t 6-1 Es 2055 Unids; 2&3
2314 CBJRT-3 t 2129 WSB-2 GA 6-3 Es 2121 WBRZ-2 LA
5-12 Tr 0702 W39AAA IN 2220 WEAR-3 FL KATC-3 LA t
0737 CBLFT-26 ON 5-29 Tr 0510 CKSO-3-11 KJAC-4 TX
(WLRE off) 2200 KPRC-2 TX
0824 WTVQ-36 KY CKNC-1-7 2212 KBTX-3 TX
WCET-48 OH (Elliott) 2305 KMID-2 TX
Lake, ON; 2315 KWAB-4 TX t
In almost 2317 KENW-3 NM
CICO-20 ON daily.) KAMR-4 TX
5-20 Tr 0802 WVUT-22 IN Es 2200 KMID-2 TX t 2340 KOE-4 NM
5-22 Tr 0545 KIDL-30 MO KFDX-3 TX (More reports next mo.--wd)
5-23 Es 1915 KIII-3 TX

July 1981

WESTERN TV-DX

July 1981

New _____ New Mode _____ Tentative - t Unidentified - unid

Charles George, 6407 Howard, Dallas, TX 75227 CDT

Equipment: Panasonic TR-619A portable, rabbit ears

May 1981

28 tr 0800 unid ch 24 CBS 28 tr 0825 **KSAT** 12 TX 260 28 tr 0910 **KLRN** 9 TX 260
0813 **KTVV** 36 TX 180 0830 unid ch 41 PBS (thanks for the report, fm)

Fred McCormack, Des Lacs, ND 58733 CDT

May 1981

23 Es 1130 WLBT 3 MS 1250	5 Es 2159 KACB 3 TX 1150	8 Es 1029 KDKA 2 PA 1185
2013 KTVK 3 AZ 1165	6 Es 1208 unid 2 Spanish	1058 WJFK 2 MI 975
(MUF 105.9 @2134 CA)	1259 KMID 2 TX 1115	1059 WKYC 3 OH 1080
2258 KENW 3 NM 995	1430 KDKA 2 PA 1185	1130 WKZO 3 MI 865
24 Es 1220 KMID 2 TX 1115	1510 KYW 3 PA 1415	1157 CKGN2 2 ON 1170
1717 WNGE 2 TN 1125	1559 WFMY 2 NC 1390	1232 KMID 2 TX 1115
1928 unid 2 Spanish	1600 WPSX 3 PA 1230	*1259 C---- 2 ON 1010
	1758 WSJK 2 TN 1240	1303 CBFT2 3 QU 1225
	8 Es (MUF 105.1 @0039 ON)	1354 CBFT 2 QU 1325
	0044 unid CB 2-6 Can	1356 unid. 6 Canada
June 1981	*0118 C---- 2 ON 1010	1459 KETS 2 AR 1065
5 Es 1640 KMID 2 TX 1115	0215 WREG 3 TN 1085	
(MUF 90.7 @2035 -LA)	1028 WGR 2 NY 1170	
2058 WBRZ 2 LA 1355		

*CFCL2 Kearns call?

I took a long weekend at Des Lacs on the 5th hoping to see a lot of Es. Unfortunately, it was generally poor. The most interesting was probably from 0000-0300 on the 8th. However, it was also the most frustrating. Almost all the stations received were running unid 3/4 color bars. On the FM, numerous CBC French and English relays of the type used in remote villages were received. Of course, they are also very difficult to positively identify.

Does anyone know the call letters for channel 2 at Kearns, Ontario? I assume I was watching the same station on the 8th at 0118 and at 1259, however, at 0118 a CFCL sign/off was seen, while at 1259, a CKNC-9 ID was seen.

Fred McCormack, 3022 18 St S, Fargo, ND 58103 CDT

May 1981

10 Au 2214 hash ch 2-9	28 Es 2109 XEPM 2 CH 1180	3 Es 2130 KMID 2 TX 1060
AE 2230 unid 3 French	29 Es 0824 KMID 2 TX 1060	4 Es 0037 KMID 2 TX 1060
11 Es 2136 unid 2 s NBC	(MUF 94.7 @ 1042 NV)	8 Es 2058 CKGN2 2 ON 945
2207 unid 2 Spanish	1058 KUTV 2 UT 880	(MUF 92.3 @ 2239)
15 AE 0105 unid 3	(MUF 93.1 @1122 -ID)	2250 CFAC 2 AT 840
18 Au 0213 hash 2-6	1130 KBCI 2 ID 960	11 tr 2330 K59HL 59 SD 145
26 tr 2228 WHWct 28 WI 270	1132 KID 3 ID 805	(Ipswich KXON-5)
27 tr 2258 K66AO 60 MN 180	1157 KATU 2 OR 1240	2359 K62AV 62 SD 185
(Redwood Falls KMSP-9)	1908 unid ch 3 Fr	(Lowry KXON-5)
28 Es 1958 WGBH 2 MA 1290	2200 WLBT 3 MS 1070	12 Es 2009 CFAC 2 AT 840
(MUF 104.5 @2025-Mx)		2217 unids 2-4 west
2026 KUTV 2 UT 880	June 1981	
	3 Es 2129 KVVU 5 NV 1200	

CHANNEL 10



CBS



Logos courtesy of Pete Taylor, San Francisco, California

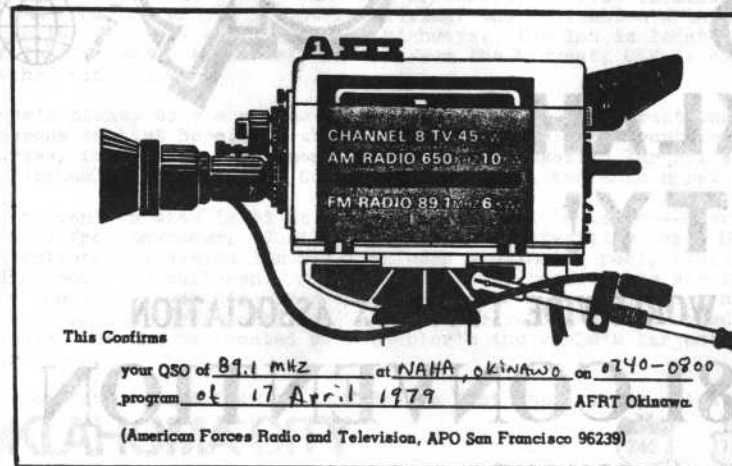
Fred McCormack
Box 5221
State University Sta.
Fargo, ND 58105

Deadline: 5th

QSL CORNER

FM QSL's

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



- AFRT 89.1 Naha, Okinawa, American Forces Radio & Television, APO, San Francisco, CA 96239. Received (forwarded) by chance at my new duty station here in the States after much forwarding by postal service. It took 470 days on surface mail, no return postage. (In case you like to look this up on a map, look for Okinawa Island in the Ryukyv Island group south of Japan, ed.) Hardester
- ON CHRW 106.5 London, U.C.C. Bldg, Rm 42 U.W.O., N6A 3K7. Letter from Roy Blake, Tech. Dir. in 2 weeks, with full data. Ross
- MA WKZE 104.7 Orleans, Box 1170. Letter from Gordon D. Benoit, CE Cooper
- ME WPOR 101.9 Portland, 562 Congress St. Letter from Patricia A. Littlefield, Cooper
- WKXA 98.9 Brunswick, Box 900, 04011. Letter from Priscilla Seimer, Cooper
- WIGY 105.9 Bath, P.O. Box 329, 04530. Letter & promo sheet from Steve Rogers, PD, in 1 month. Belives my report is the furthest confirmed reception that this station has had. Wood
- MD WRSB 104.3 Baltimore, 7 E. Lexington St, 21202. Return my prepared card, signed by James Cox (I believe). I used prepared card as they failed to QSL WDJQ call. Holbrook
- WBKZ 95.9 Glen Burnie, c/o WFBR-AM Radio, 13 E. 20th St, 21218. Return prepared card, signed by Floyd Daisey, CE of WFBR. For years had send reports with no answer (befor was WISZ-FM, ed.) & gave above address over the air, & surprized they were affiliated with WFBR! Holbrook.
- MN KCPI 95.3 Albert Lea, 305 S. First Ave, 56007. Letter from D. K Christan (?ed.) from photo copy of letter. Hempel
- KLGR 97.7 Redwood Falls, One line letter from Bruce E. Tolzmann, Hempel
- KSJN 91.1 St. Paul, 45 E. 8th St, 55101. Letter from Tim Metzger, Dir of Eng, Minnesota Public Radio. Reply in 21 days. Hempel
- OH WPWC 88.3 Berea, Baldwin-Wallace College, 44017. Letter from David Bobco, Dir. of Eng. verifying reception of an erp of 15 watts, not 1450watts as in FM Atlas. Reply back in 1 month. Strobel

Reporters this time are Mike Hardester of San Marcos, CA (a new reporter), Ernest R. Cooper of Provincetown, MA; Robert S. Ross of London, Ont; Hank Holbrook of Chevy Chase, MD; Bob Hempel of Manson, IA; Richard E. Wood of Cape Girardeau, MO; & Ralph Strobel of Muncie, IN. For those that read last month QSL Corner that Saul Chernos is offering help in getting QSL's from Canada, his address has changed to: c/o Post Office, Burnt River, Ontario, postal code (zip code) KOM 1C0 for the TV-Ontario Network, reception reports QSLs use with return postage US stamps ok. Thanks for the update on address Saul. 73's for

Tom now. 27

COME TO OKLAHOMA CITY!



WORLDWIDE TV-FM DX ASSOCIATION

1981 CONVENTION

JULY 31 - AUGUST 2

In just a few short days, all the fun of OKC '81 begins! It's a convention you'll long remember.

The convention will be held at the Ramada Inn West at Interstate 40 and Meridian. For those arriving by air or bus, your host will provide transportation to the site. If you need more information on getting to the site, let me know.

The meeting room will be open at noon, July 31, with official opening of the convention at 7 that evening. Many attendees will be in town a day or two early, tho, so the fun should be just getting into full swing.

Saturday, August 1st, we'll have several station tours. As of this time, we'll be touring KJIL and KTOC/KJYO. We'll also hear a talk on PSB by Don Blevins. That evening we'll have the annual banquet, which will feature swiss steak. After the banquet, Joe Gragg will answer your technical questions about the hobby.

Sunday morning we'll have the club business meeting. The meeting room will be open to accomodate those staying late.

A registration form for the convention appeared in the May VUD. If you need more information, give me a call at (405) 787-3717 or 787-1140. Get your registration in soon, as we can't guarantee you a room at the Ramada after the 17th. If you need directions, let me know.

I look forward to seeing you all at Oklahoma City '81, a capital ideal!

John Zondlo - 1802 N. Rockwell - Apt. 107 - Bethany, OK 73008

Getting there is easy! Oklahoma City is served by these major airlines: American, Eastern, Delta, Braniff, Frontier, Texas International, Southwest, and United. The Ramada Inn West provides shuttle service between the airport and the Inn. Or, if you're traveling via bus, both major national lines, Greyhound and Trailways, provide excellent service to and from the area. If you're driving, the convention site is a cinch to reach via the interstate highways. The Inn is located just off I-40, a major east-west route. From the Midwest, OKC is easily reached via I-35.

There's plenty to see and do in the OKC area. Local attractions are too numerous to list here, but the area does include over twenty golf courses, four lakes, amusement parks, the Southwest's largest science and technology museum, the Cowboy Hall of Fame, and much more.

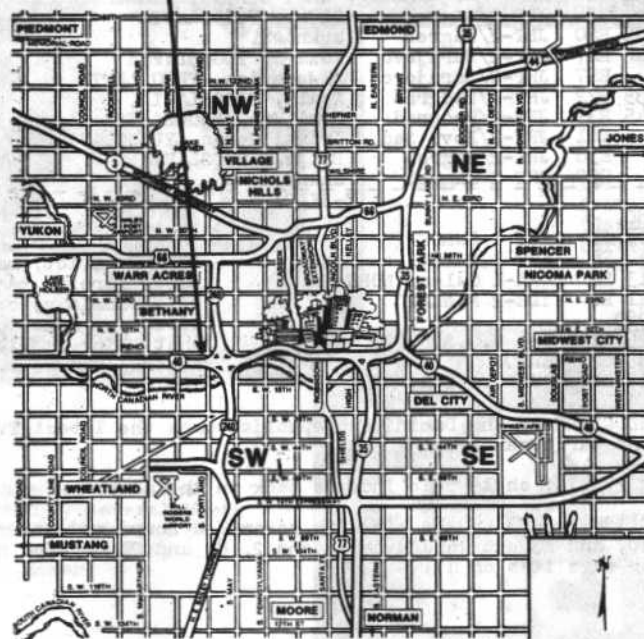
Our convention site is right in the heart of OKC's action--just five minutes from downtown. Just the right kind of facility for a DX club convention, the Ramada Inn West includes a swimming pool, plus a small wading pool for children. A large variety of restaurants are located near the Inn--everything from a McDonalds, to a Denny's, to a nationally famous gourmet restaurant, Applewoods. For you urban (and suburban) cowboys, the Inn is located near Shepler's the world's largest western wear store.

The convention registration deadline is fast approaching. Act now!

OKLAHOMA CITY
Oklahoma
(AIRPORT WEST)



**RAMADA
INN**



INTERNATIONAL NOTES from

Ken Simon
513 6th Avenue South
Lake Worth FL 33460



Photo from
Kocsis Forenc

First, a report:

KOC SIS FORENC, Fertod, Hungary (times in GMT), TROPO:

September 1980

21 Tr	2010 E7	ARD-1 Brotjackriegel, WEST GERMANY	325 km
	2129 E6	ARD-1 Dillberg, WEST GERMANY	460
22	1802 E25	TVP-2 Wroclaw, POLAND	390
23	0930 E27	ZDF Pfarrkirchen, WEST GERMANY	325
<u>October 1980</u>			
4 Tr	0831 E21	ZDF Regensburg, WEST GERMANY	385
27	1744 E28	JRT-2/Zagreb Sljme, YUGOSLAVIA	200
	2105 E40	JRT-2/Zagreb unknown	
	2144 E27	JRT-2/Sarajevo Kozara, YUGOSLAVIA	275
	E47	JRT-2/Sarajevo Pljesevica, YUGOSLAVIA	320
28	1635 E22	JRT-2/Beograd Avala, YUGOSLAVIA	425
	1645 E35	JRT-2/Beograd Crni Vrh, YUGOSLAVIA	695
	E41	JRT-2/Novi Sad Iriski Venac, YUGOSLAVIA	350
	E38	JRT-2/Zagreb Belje, YUGOSLAVIA	250
	E50	JRT-2 Zagreb unknown	

E-SKIP:

October 1980

10 Es	1507 E2	SVT-1 SWEDEN
	E4	SVT-1 SWEDEN
	1513 E2	NRK-1 Gulen, NORWAY
	1541 E2	YLE-2 FINLAND

November 1980

1 Es	0925 R1	TSS U.S.S.R.
	1235 E2	unID
2	0710 R1	TSS U.S.S.R.

(Thanks a lot, maybe other foreign members will submit reports!?! Gives you some idea what DXing is like in Central Europe...)

From RICHARD CLARK of the Dominican Republic comes the latest TV and FM news from the Caribbean area:

DOMINICAN REPUBLIC: ch 13 Tele Inde is back on the air.

TURKS AND CAICOS: ch 3 on the air with scrambled sound and using Tampa FL chs 8, 10, and 13 and Vancouver BC chs 2, 8, and 21 delayed programming (Cooper says it's ch 4).

INTERNATIONAL NOTES

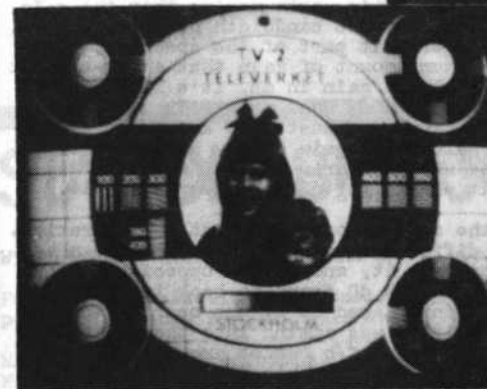
July 1981

HAITI: (Now on-the-air TV!!!)

ch	2	Tele-Haiti	Port-au-Prince	French and Spanish
2	4VTNH TV National	Cap Haitien	CP	
4	Tele-Haiti	Port-au-Prince	English (Miami chs 4, 7, 10 with IDs repeated)	
7	4VTNH	Cap Haitien	CP	
8	4VTNH	Port-au-Prince	Government non-commercial	
10	4VTNH	Aux Cayes	repeats ch 8	

FMs will be in next month's column.

ID slide from
ICELAND
(from Keith Hamer,
Derby, ENGLAND)



Test pattern
from SWEDEN
(Garry Smith,
Derby, ENGLAND)

BBC-1 TV animated ID-- the same one seen by several North American TV DXers during the 1979-81 F2 peak activity (from Keith Hamer)



understanding fm antenna specs

For many years now, audio enthusiasts have been specification-oriented. Data abounds on tuners, amplifiers, turntables, etc., as a result of the growing awareness among consumers. In the very competitive market of today, most manufacturers now will freely tell you more than you need to know about their tuners and receivers.

Fortunately for the FM DX enthusiast, some of this has carried over to the antenna manufacturers. Some major antenna makers, such as Finco, are very "up-front" about their FM antenna line, and will send you detailed spec sheets if requested.

Traditionally, specifications have been hard to come by for TV and FM antennas. In some cases, it almost seemed as if they didn't want the potential customer to know their antenna specs; in others, it was clear that they weren't even sure of the specs themselves.

You can't afford to buy every top-notch FM antenna model and test them for yourself. The next best thing is to get a look at a set of specs. No matter how good the antenna looks in an illustration or photo, the actual electrical specifications remain the true proof of performance.

Unless you know how to interpret them, specs really don't mean much. There are also some "specs" that really are of no use to the DXer, such as the hilarious "mileage" claims used by some manufacturers. To assist you in making a wise decision when selecting an FM DX antenna, here's a brief run-down on what the specifications actually mean.

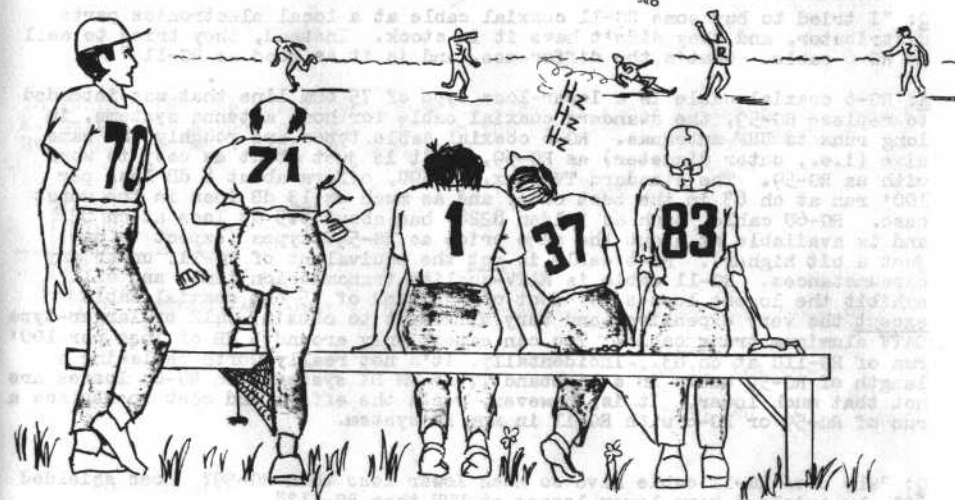
GAIN: Usually the most important antenna spec to a DXer, and the one most likely to be "sweetened" or inflated by the antenna maker. When measured against some kind of known standard, such as a $\frac{1}{2}$ -wave reference dipole, this figure (measured in dB) tells much of the story. An FM yagi having a measured gain of 6 dB over a $\frac{1}{2}$ -wave dipole would be producing twice the signal voltage of the dipole. One having 12 dB gain would be producing four times the signal level of the dipole, etc. It's worth noting that the gain of even the best FM yagi design is limited by the bandwidth of the antenna. The FM broadcast band is 20 MHz wide. For that part of the spectrum, 12 dB gain over a dipole is close to the maximum amount of gain that a ten-element yagi can produce. If anyone claims much more gain in dB, it's likely that they're using an isotropic reference--which adds just over 2 dB to the gain figure. If you have the gain specification, you must also know what kind of reference was used to measure the gain. The gain of any antenna (also called forward gain) is best expressed when measured against a $\frac{1}{2}$ -wave dipole. Look for "dBd" in the specs--it stands for dB gain over a dipole.

FRONT-TO-BACK RATIO: In most cases, the second most important consideration. Also expressed in dB, this tells you difference in signal level between a signal with the antenna pointed directly at it, and in the opposite direction. In a ten element DX quality antenna, 20 dB front-to-back is about the ultimate, and it means that a signal being picked up by the rear of the antenna would be ten times weaker than if it was coming into the front of the antenna. In most ten-element FM antennas, f/b ratios are more often closer to 15 dB over most of the band. The higher this figure is, the better for the DXer.

VOLTAGE STANDING WAVE RATIO (VSWR): Often ignored by DXers, but important to understand, this tells you how well the antenna impedance matches up to the ideal impedance--and thus, how efficiently the signal voltage will be transferred to your balun or transmission line. The ideal VSWR would be 1 to 1--a perfect electrical match. In the real world, this doesn't happen. In a well-designed FM antenna, this should never exceed 2 to 1 (expressed 2:1--or sometimes, just 2.0). The lower this ratio is measured at, the better. Look for VSWRs as close to 1.0 as possible. Expect a good FM antenna to average around a 1.7.

We've only just scratched the surface here, with the three most important FM antenna specs. There are others to consider, such as front-to-side ratio and beamwidth. Be sure to get the facts before you buy an FM DX antenna.

THE VHF-UHF GAME



There's this baseball team...they've really had problems. One guy got kicked out for giving the coach a lot of static. Another 15 guys were given other jobs to do. We've got 55 guys who are victims of prejudice and spend most of the time sitting on the bench, and another 12 team members who are being worked to death. I ask you, is that any way to run a ball team?

--Bill Fahber

STATION BREAK

c/o Bill Thompson
1907 Seneca Street
Buffalo, NY 14210

WTFDA member ads only. 3 line or 30 word limit.

FOR SALE - Realistic CB-60 portable. AM, FM CB, PSB hi and lo, UHF. \$40 postpaid. Danny Buntin, 1312 N. Skyline, Stillwater, OK 74074.

WANTED - TV GUIDE editions from your hometown. Will trade NJ-PA or NY Metro edition, or send you cover price plus postage. Robert E. Schweitzer, 7 Madeline Ave., E Brunswick, NJ 08816.

TRADE - I'll personally visit stations ignoring your QSL requests. I'll even QSL myself if need be. I can cover a radius of 50 air miles around Toronto, and the Peterborough area, and all TVONTARIO stations and more... if you'll do the same for me. Saul Chernos, c/o P.O., Burnt River, Ontario K0M 1C0.

Your non-commercial ad can appear in the VUD free of charge! Got a piece of gear you'd like to sell? Looking for something? Advertise in STATION BREAK.

TECHNICAL TOPICS



Q: "I tried to buy some RG-11 coaxial cable at a local electronics parts distributor, and they didn't have it in stock. Instead, they tried to sell me RG-6 cable. What's the difference, and is it as good as RG-11?"

A: RG-6 coaxial cable is a lower-loss type of 75 ohm line that was intended to replace RG-59, the standard coaxial cable for home antenna systems, in long runs to UHF antennas. RG-6 coaxial cable types are roughly the same size (i.e., outer diameter) as RG-59, so it is just about as easy to work with as RG-59. The standard TV coax, RG-59U, offers about 8 dB loss per 100' run at ch 83 in the best case, and as much as 13 dB loss in the worst case. RG-6U cable, such as Belden 8228, has about 6.5 dB loss at ch 83, and is available at about the same price as RG-59U types (expect to pay just a bit higher). RG-6 cable is not the equivalent of RG-11, under any circumstances. RG-11 cable is MATV-quality transmission line, and will exhibit the lowest losses per foot of any kind of 75 ohm coaxial cable except the very expensive (and very difficult to obtain) #12 or larger-type CATV aluminum trunk cable. You can expect only around 5 dB of loss per 100' run of RG-11U at ch 83. Incidentally, it's not really worth replacing a length of RG-59 cable in a highband TV or FM DX system with RG-6; losses are not that much lower. It is, however, worth the effort and cost to replace a run of RG-59 or RG-6 with RG-11 in any DX system.

Q: "Why does RG-11 cable have so much lower loss than RG-59? Does shielded 300 ohm twinlead have lower losses at UHF than RG-11?"

A: RG-11 coaxial cable has such lower losses because it's physically larger --the center conductor is #14 copper wire, which has a larger diameter than the #18, #20, or (in the cheapest types of RG-59) #22 copper center conductor. The larger the diameter of the center conductor, the more signal current (and hence, less attenuation) that can flow through the cable. Of course, by making the center conductor larger, the rest of the cable has to be made larger also, to maintain the proper shield-to-center conductor ratio that gives the cable its characteristic impedance. Shielded 300 ohm twinlead has greater losses than RG-11 at UHF. However, you don't need to use baluns with 300 ohm twinlead, so in some cases, some of the better types of shielded 300 ohm line may have close to the same loss figures in equivalent runs, but you're still better off with the RG-11 and baluns, because the shielded twinlead is not quite as versatile, and not cheap. RG-11 will last longer in severe weather, too.

Q: "Is there any special type of coaxial cable to use if you're also going to have a mast-mounted antenna preamp?"

A: If you're using a 75 ohm mast-mounted preamp, use the best 75 ohm coax you can afford. There are no special considerations for most preamps--they will work using any kind of 75 ohm cable. However, they will only work the best using the lowest loss cable. The kind of cable itself has no actual bearing on the preamp's electrical connection to the power supply, as long as there are no breaks in the coax. Make sure the F-connectors are cleanly in place, with no strands of braid or shield material sticking out--this could short circuit the preamp's power supply. If you have your preamp mounted on a mast or tower below your rotatable DX antenna, you should use RG-11U foam shielded with aluminum, rather than ordinary RG-11U foam with braid shielding. This type of coax is more durable, and the short run of it from your antenna balun to the preamp is subject to more stresses than at any other place in your DX system. You should take special care to weatherproof this run of coax if you live in a northerly climate, since this is the part of your transmission line that can easily take on water. The rotation of the antenna will subject it to more stresses than just the weather itself.

FEEDBACK

E-SKIP EXPERT RECOGNIZES THE TV DXERS

In April's VUD, we published a copy of Glenn Hauser's letter to Dr. Ernest K. Smith, the author of an article in the February 1981 IEEE Spectrum. Here's Dr. Smith's reply to Glenn:



JET PROPULSION LABORATORY California Institute of Technology • 4800 Oak Grove Drive, Pasadena, California 91103

Refer to: 339EKS:bv

23 March 1981

Glenn Hauser
University Radio WUOT
Knoxville, TN 37916

Dear Glenn:

It was good to hear from you, and our apologies for slighting the TV-DXers in the Spectrum article Ed Davis and I authored. I am indeed aware (and in fact own at least one copy) of the VHF-UHF Digest published by the Worldwide TV-FM Association. For reasons of brevity we had lumped everyone who is interested in sporadic-E transmissions as a hobby as an "amateur". However, I do appreciate the distinction between hams and TV-DXer's and we perhaps should have recognized the latter separately. The eavesdropping aspect is also real, and we chose not to get into it.

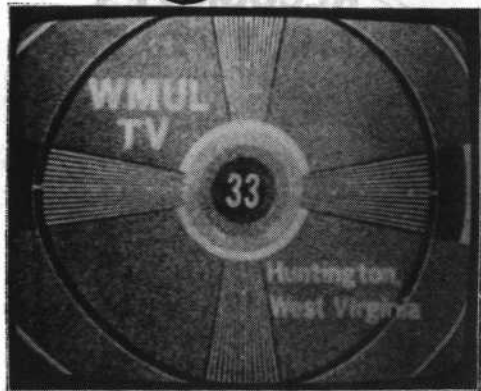
Very truly yours,

Ernest K. Smith

cc: E. W. Davis
IEEE Spectrum
Bill Thompson, Ed VHF-UHF Digest

We'd like to thank Dr. Smith for remembering us. Depending upon how you define the term "TV DXer," there may be as many as several thousand of us in the United States alone. One of the biggest problems that has faced the hobby has been getting TV DXers in touch with each other; that's one of the reasons that WTFDA exists. Recognition by such physicists as Dr. Smith is greatly appreciated. WTFDA HQ would like to thank member Jim Brown, W5DRP, of Alexandria VA for forwarding a copy of the IEEE Spectrum article.

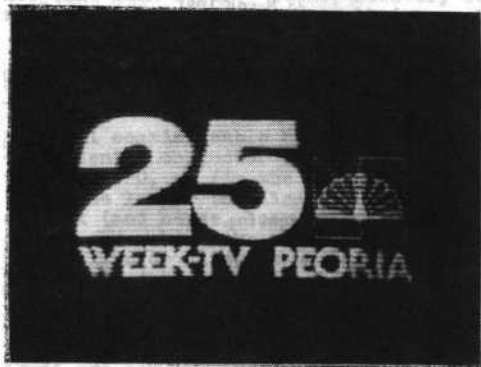
Jim Alexander
4 Brook Court
Parsippany, NJ 07054
July, 1981



WMUL-33 Huntington, WV
370 mile tropo
7/13/80 (Kramer)



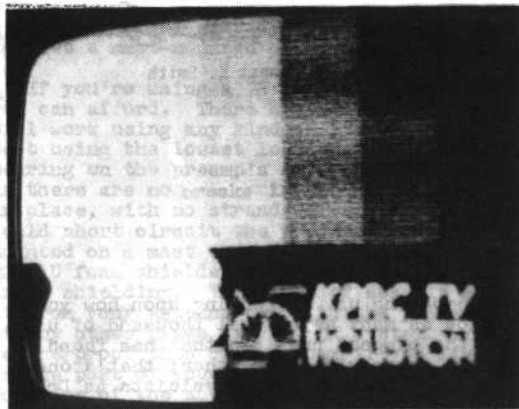
KIII- 3 corpus Christi, TX
1,280 mile E-skip (Gaines)



WEEK-25 Peoria, IL
345 mile tropo (Gaines)



WANX-46 Atlanta, GA
405 mile tropo (Combs)



KPRC- 2 Houston, TX
E-skip
7/26/80 (Grant)

Contributors:

Robert Kramer,
Chicago IL

Paul Gaines,
Detroit MI

John Combs,
Orlando FL

Robert Grant, (photo taken at
Honor, MI)

73 and good DX, *Jim*

SPECIAL REPORT: CAN YOU HELP?

Dear fellow radio enthusiast,

Could I please invoke the international spirit of cooperation and friendship among radio enthusiasts and amateurs and ask your assistance?

I am a keen TV DXer, also a radio and TV amateur. I am very interested in the history of broadcasting and am assembling a collection of broadcast TV equipment of the vacuum tube era. Already acquired are monitors, test generators, image iconoscope, etc. The pride of the collection, however, is two monoscope cameras, which as you will doubtless be aware were once the mainstay of TV stations putting out the test card or tuning signal between programmes. Nowadays they are more or less museum pieces and while time is still on my side I am trying to collect the old monoscope tubes with the test cards in them. So far I have representative tubes from Britain (and Poland!) but apart from a blemished "Indian Head" have nothing to represent the USA, the birthplace of the monoscope. I am particularly keen to get hold of a tube incorporating the traditional US test card and station I/D. The tubes are type 2F21 or 1899.

Do you know where these tubes still exist, possibly stored away somewhere or still in use and soon to be taken out of service? I have written to several TV stations but had no success and I am hoping a WTFDA member may be able to help. I would be delighted to hear from anyone who has a tube or knows a TV station which still uses them. All expenses will be refunded, but please don't leave it to another guy! I am prepared to pay for the tube and shipping, or possibly collect it on a vacation which I hope to take soon. 73s,

Andrew Emmerson, G8PTH
4, Mount Pleasant,
Blean Common,
CANTERBURY, Kent, CT2 9EU
GREAT BRITAIN

ANTHONY LOMAZZO is a physics professor at the University of Bridgeport CT.

Keystone state new member DANIEL OETTING is interested in weather forecasting, and uses a Panasonic RF-2600 for DXing. He writes, "I use its internal antenna, but wish to get an outdoor antenna. I'm located on the highest point in our county so DX is considerably plus from other surrounding areas. I have a Bearcat weather scanner with all three NOAA frequencies. I also DX on TV with a Panasonic BSW portable. Your sample copy of VUD made me jealous of some of the DX received by DXers around my area, so I just bought a 10 element FM antenna."

Finally, ROBERT RAGO is a data processing programmer who enjoys TV DX.

Tidbits.....

Vernon Eaton has such a deal for us! His son in law's father has a mess of galvanized cable he's selling cheap. It's $\frac{1}{4}$ " cable, and it's going for 5c per foot. Normally, such cable sells for 50-60c per foot. Minimum order is 500 feet. Also available are 4500' and 5000' rolls of the cable. The cable will be shipped by bus, or other appropriate method. Vernon estimates the cost at 2-4c per foot for delivery. For information, call Vernon at 501-847-2066, or write him at 82 Springhill Acres, Route 1, Benton, AR 72015. Send all orders to Vernon, and make checks out to him. His son in law's father bought a cable TV outlet, hence the availability of a lot of cable. He may also have some CATV cable, in case you're interested.

Word has it there's a new system being used to inform fellow members of skip openings. It works like this: if you hear something on skip from a particular area, call a fellow member in that area person to person and ask for Mr. E. Skip. Remember, too, that that cloud may help someone else. For example, if a DXer in Ohio is hearing Louisiana, that same cloud would have a DXer in North Carolina hearing Kansas and Oklahoma. Some will question the ethics of such a method, of course, but it works.

Welcome back to Ron Ginardi! He writes, "Glad to be back! There wasn't much going on last year, and even less so far this year. I hope conditions improve some. Present equipment includes a Realistic TM-1001, CM4408, an FM preamp, and an RCA 13" digital remote TV. UHF selectivity is excellent. It's something else to be able to know whether one is looking at channel 33 or 34 in the middle of tropo. VHF antenna is a Radio Shack V-185. UHF antenna is also from RS. I know it doesn't have any high end, but don't see how to put a 7' dish up at 46' with everything else on one mast. I plan to meet everyone in OKC at the convention!"

Next up, some words from Neil Kazaross: "It's good to see FCC TV news again. I'm also looking forward to the preamp reviews. If I'm still in RI this summer, I hope to get a 7' dish and preamp up at my family's place in Narragansett RI. After receiving a couple of coastal VA translators with 100 watts at 350 miles using only a normal 6" UHF loop antenna, I'm curious as to what I can receive with about 40 dB more gain supplied by a dish and preamp!"

And to wrap it up this month, let's continue with comments from European DXer Paul van Rossum: "Its sensitivity and selectivity are very good, although there are sets that equal that, and the Accuphase tuner even surpassed it - but only on the lower end of the scale, while being distinctly less sensitive than the Technics on the higher part of the scale. It also has a linear dial, but that has been solved by many of our members who connected a counter to it. I preferred to straighten out the dial to zero-deviation which makes, combined with the easy to read scale of the set, digital readout unnecessary. I'll stop talking on this subject before you start thinking I own stock in that company or something!" We'll continue this next month.

Elsewhere in this issue you'll find some last minute comments on the convention. I hope to see many of you here. See y'all in August.....

.....73.....jz

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