

* * * PUBLISHER'S NOTES * * *

MINNESOTA WINS 1987 WTFDA CONVENTION BID! IT'S NOW OFFICIAL! THE 1987 WTFDA CONVENTION WILL BE HOSTED BY NONE OTHER THAN FCC FM NEWS EDITOR DR. BRUCE ELVING. DR. ELVING'S OFFER TO HOST WTFDA CONVENTION '87 WAS UNOPPOSED. OUR THANKS TO BRUCE FOR VOLUNTEERING TO HOST NEXT SUMMER'S CLUB GETTOGETHER, AND TO THOSE OF YOU WHO EXPRESSED SUPPORT FOR HAVING IT THERE. THE SITE OF THE 1987 CLUB CONVENTION IS THE HOME OF THE FM ATLAS, IN THE DULUTH AREA. MORE INFORMATION WILL BE APPEARING ABOUT THIS IN UPCOMING ISSUES--AND, WE'RE HOPING TO SEE YOU ALL THERE NEXT AUGUST!

162 MHZ DXERS TAKE NOTE MANY VHF ENTHUSIASTS MAKE USE OF THE "WEATHERADIO" OUTLETS ACROSS THE NORTH AMERICAN CONTINENT IN THE 162.4 TO 162.55 REGION IN THE U.S., AND ON A SLIGHTLY LOWER BAND IN CANADA. IN ADDITION TO HAVING GREAT DX POTENTIAL (AVID VHF DXERS HAVE EVEN HEARD THEM IN UNUSUALLY GOOD E-SKIP OPENINGS), THEIR REGIONAL WEATHER INFORMATION IS OF GREAT USE DURING TROPOSPHERIC DX SESSIONS, WHEN TEMPERATURE INVERSIONS BRING UHF AND VHF DX OVER THE HORIZON. TENNESSEE DXER MATT SITTEL KNOWS THEM WELL, AND WILL BE DOING A TRIAL COLUMN COVERING THE SUBJECT. THIS WILL BE APPEARING IN THE VUD IN THE NEAR FUTURE, AND YOU CAN GET IN TOUCH WITH HIM AT 220 BROOKFIELD, KINGSFORD, TN 37663-9777 IF YOU HAVE SUGGESTIONS OR INFORMATION ON DXING THESE VALUABLE DX BEACONS.

VHF-UHF DIGEST COLUMN EDITORS PLEASE NOTE: FROM LAYOUT ASSOCIATES COMES A REMINDER FOR YOU TO STAY WITHIN THE STANDARD DIMENSIONS YOU'VE BEEN GIVEN FOR YOUR COLUMNS--DON'T COMPROMISE THE QUALITY OF THE VUD! THE DIMENSIONS FOR YOUR FINISHED COPY ALLOW ROOM AT THE BOTTOM FOR PAGE NUMBERS TO BE ADDED. IF YOU'RE NOT SURE YOU'RE USING THE PROPER FORMAT FOR THE VHF-UHF DIGEST, DROP A LINE TO CLUB H.Q.--WE'LL MAKE SURE THAT YOU GET A COPY OF THESE SPECIFICATIONS. WE APPRECIATE YOUR FINE WORK--WTFDA RECEIVES COMPLIMENTS ABOUT THE LOOK OF OUR MONTHLY BOOKLET FROM INTERESTED AMATEURS AND PROFESSIONALS ALIKE JUST ABOUT EVERY MONTH, AND THAT "LOOK" IS ALMOST TOTALLY UP TO YOU.

FROM OUR OVERSEAS CORRESPONDENTS NEW ZEALAND DX LEAGUE MEMBER BRIAN J. WITHERS, PO BOX 871, HAMILTON, 2000, NEW ZEALAND, WANTS TO HEAR FROM ANY WTFDA MEMBERS WHO WOULD LIKE TO EXCHANGE GOOD QUALITY AUDIO CASSETTES OR REEL-TO-REEL TAPES OF LOCAL STATION ON BOTH THE FM AND THE AM BROADCAST BANDS. BRIAN REPORTS HAVING AN EXTENSIVE COLLECTION OF TAPES OF DIFFERENT STATIONS FROM SEVERAL CONTINENTS, AND IS ALSO AN AVID FM AND AM BAND DXER...IN JAPAN, THE FOREIGN STUDIES DEPARTMENT OF SUGIYAMA JOGAKUEN JUNIOR COLLEGE IS IN THE PROCESS OF COMPILING A VIDEOCASSETTE COLLECTION CALLED "TELEVISION OF THE WORLD" AND HAS BEEN TRYING FOR THE PAST YEAR TO OBTAIN UNEDITED SAMPLES OF TV FROM AS MANY COUNTRIES AS POSSIBLE. PERHAPS DUE TO THE FACT THAT MANY COUNTRIES CONSIDER THEIR TELEVISION TO BE FOR LOCAL CONSUMPTION ONLY, THEY'VE HAD NEGATIVE RESULTS FROM THE LOCAL EMBASSIES OF MOST OF THE COUNTRIES CONTACTED; SO IF ANY MEMBERS ARE WILLING TO PROVIDE THEM WITH VIDEO RECORDINGS THAT MIGHT BE OF USE, CONTACT WILLIAM PETRUSCHAK, ENGLISH LECTURER, SUGIYAMA JOGAKUEN JUNIOR COLLEGE, 17-3 HOSHIGAKAMOTOMACHI, CHIKUSA-KU, NAGOYA-SHI 464, JAPAN.

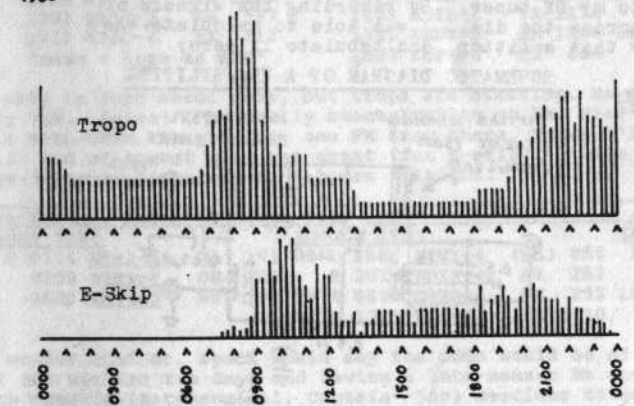
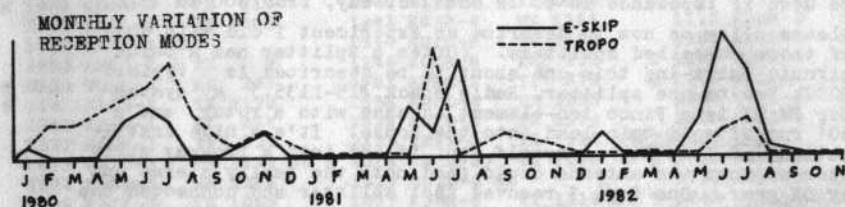
ANOTHER BIG ISSUE! THIS PAST SUMMER'S DX SEASON DEFINITELY RAN HOT AND COLD, WITH A FEW SUPER E-SKIP OPENINGS FOLLOWED BY LONG QUIET PERIODS, AND WITH A TROPO SEASON THAT SAW ABNORMALLY HEAVY AMOUNTS OF RAIN IN WIDE AREAS OF NORTH AMERICA, ALONG WITH LESS ATLANTIC HURRICANE ACTIVITY THAN USUAL (CAUSING FEWER CHANCES FOR LATE SUMMER TROPO DUCTING IN EASTERN AND CENTRAL NORTH AMERICA). NEVERTHELESS, WE HAVE ANOTHER BIG ISSUE FILLED WITH INTERESTING DX REPORTS AND MUCH STATION NEWS. ENJOY!



TECHNICAL TOPIX

Greetings to all. The Selectric-II is down, so this is being typed on a 1955 vintage, portable Remington. By now the 1986 DX season will be winding down for most (excepting myself, for whom it never wound up to begin with!), but never be a pessimist...a few good possibilities for DX occur during the cooler months of the year. For one, there is the possibility of Ms during the Geminids shower, which peaks around December 14th and lasts for about six days (check Dec. 7-15.). This is the second or third most intense shower of the year, with a typical VHR (Visual Hourly Rate, or approx. meteors seen per hour) of 50-60. The Ursids, a minor shower, peaks around Christmas Eve.

The possibilities of midwinter tropo and Es do exist, as has been verified by research into such matters over the years. A record of the day-to-day occurrence of long-distance VHF and UHF radio paths shows, besides the usual peaks in June and July for Es and September for Tr, a small peak in December and Jan.



These graphs depict my personal observations about the time of day and year when DX conditions come up. The number of new FM stations (no re-logs) is plotted versus time. By plotting only new receptions, the random distribution of receiving sites is made clear. If ducts consistently opened up to the same areas according to some pattern, the number of new stations logged ought to decrease over time. Of course, this is not the case. These graphs extend over a period of three years during the peak of sunspot cycle #21. Over this time, the same location, antenna, and tuner was used, with no changes. The reasons why DX varies as it does will be discussed in detail in an upcoming series of Technical Topix articles in early 1987: "The Nature Of DX," all about propagation.

MORE ON COAX...
I hope the coax cable information in the Sep. Technical Topix was useful to all. This is the sort of info which is always handy to have around, and probably way it has appeared in the VUD several times prior. (See Antenna News columns in Dec '83 Jan '84, and Mar '84.) This time around, a complete summary with specs and the most-asked questions seemed in order....

I wanted to make a comment about where the figures in the chart came from. To obtain those numbers, I used published specs from Blonder-Tongue, General Instrument, Winegard, Radio Shack, and Belden. I took an average of all whenever possible. Then, this figure was averaged with specs listed in the ARRL Antenna Book, which were themselves averages of many different brands. The average of averages was used on the chart. No doubt many of you have noticed the wide variation of loss specs among different manufacturers! This in part arises from endless variations in quality of materials, workmanship, measurement techniques, material nonuniformities, advertising requirements, etc. Regardless of reliable specs, all of the general rules and points made in the article hold.

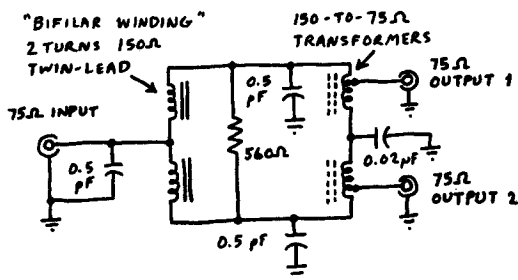
BALUNS...

Also mentioned in the Coax Information article last time was the "balun," a device used to convert 75 to 300 ohms and vice versa. For most purposes, and in ham radio circles, this use of the term is correct. However, if we are nitpickingly technical about it, those little dudes are more correctly referred to as "impedance transformers." A BALUN is a device which interfaces an unbalanced line to a balanced one, such as the feed point of an antenna to a coax cable. A transformer must be used if impedance is to be changed, say, from 300 to 75Ω.

Please allow me now to describe an experiment I did with one of those so-called splitters. (Often a splitter has a balun circuit built-in; this one about to be described is a typical 300Ω two-to-one splitter, Radio Shack #15-1135.) My system for FM DX is a Finco ten-element antenna with a rotor, and a 50' run of good twin-lead into the house. It's a nice installation, if I do say so myself, but it led into a two-way splitter so that the antenna could feed both the family stereo and my DX gear. One day, I removed that splitter and connected the antenna directly to my DX tuner. By recording the signals of several stations across the dial, I was able to calculate the loss introduced by that splitter, and tabulate it here:

FREQUENCY LOSS SCHEMATIC DIAGRAM OF A 75Ω SPLITTER

FREQUENCY	LOSS
88.5 MHz	3.5 dB
91.1	2.1
91.9	6.0
92.3	2.9
93.1	11.0
93.5	1.6
96.1	5.1
97.1	1.8
98.1	2.4
99.7	0
101.1	1.8
102.7	1.3
104.5	1.5
105.9	1.7
107.9	0.6



One reasonably expects a splitter to introduce loss, but I at least expected this to be constant over a fairly narrow range of frequencies. Obviously, it wasn't. Still, I waste to say that the 11dB loss at 93.1 is probably attributable to the removal of a 20' length of cable from the splitter to stereo. It may have been just the right length to act as a sort of trap. Note also that 75Ω splitters for coax are much better behaved, and usually only introduce 1-2 dB of constant loss over the entire VHF-UHF range. Anyway, it was an interesting experiment, as the channels selected for comparison are strong locals with signals here of several hundred μV. If the splitter makes such a difference on locals, what effect did it have on weak, distant signals? HMMMMMMMM...

REPRINT SERVICE...

If nothing really bad happens in the meantime, the NAB reprints service will be introduced next month in your VUD. This will appear as a complete technical index to all the technical articles printed since June, 1979, with simple instructions for ordering copies.

73, TIM McVEY
Route 3, Box 568
Bolivar, TN 38008



UL approved

EASTERN TV-DX

John F. Combs
2969 Harschel #7
Jacksonville, FL 32205

Ready or not, here it comes.



NOVEMBER 1986

Translated from the Arabic by Hassan el-Hazzaboubov

This column includes some of the "last gasp" of the summer E-skip season. While we await the December/January "mini-season," the changing weather patterns of fall should bring some good tropo. Let's hope that August 14th was a sign of good things to come! On that day, Bob Seybold experienced a widespread opening that brought signals from Mississippi to Nebraska--some over 900 miles distant!

Matt Sittel, 220 Brookfield Dr., Kingsport TN 37663

(EDT)

AUGUST 1986		AUGUST 1986		AUGUST 1986	
21 E 1944 XHY-3	YU 1358	28 E 1915 unIDs-5/6		30 E 1038 KFDX-3	TX 936
1947 unIDs-2/4		29 E 1612 Cuba-2/3/4		1058 KIDY-6	TX 1170
22 E 1838 KBTX-3	TX 911	1940 KIII-3	TX 1055	1058 KBTX-3	TX 911
1839 KMOL-4	TX 1053	1942 KGBT-4	TX 1166	1228 KLNE-3	NE 958
1841 unID-3 SS		1946 KRIS-6	TX 1055	1300 KUSD-2	SD 878
1958 KMID-2 ?	TX T	1948 KCEW-6	TX 932	T 1300 WSMV-4	TN 246
24 T 0930 WUNC-4	NC 203	1951 KPRC-2	TX 878	E 1328 KDLO-3	SD 990
28 E 1741 KACB-3	TX 1170	1956 KMOL-4	TX 1055	1359 KGFE-2	ND 1089
1742 KDFW-4	TX 864	2028 KMID-2	TX 1174	1359 KXJB-4	ND 1076
1821 KFDX-3	TX 936	2135 KBTX-3	TX 911	SEPTEMBER 1986	
1823 KMID-2	TX 1174	30 E 1014 KACB-3	TX 1170	6 E 1715 KSNW-3	KS 819
1824 KENW-3	NM 1206	1022 unID-4 SS		1730 KSNW-2	KS 903
1836 KIII-3	TX 1055	1027 KAMR-4	TX 1116	13 T 0748 WRBL-3	GA 313
1900 WLBT-3	MS 527	1028 KMID-2	TX 1174	0836 WTVH-2	GA 313
1912 KJAC-4	TX 812	1031 KENW-3	NM 1206	14 T 0012 WKRN-2	TN 246
"same 4 logo as KOB"		1037 KDFW-4	TX 864	0013 WSMV-4	TN 246

"E-skip is just about gone, but tropo are starting. Haven't seen any UHF tropo, only VHF... [also] I am really concentrating on FM. Nice to see new VHF tropo with WRBL/WTVH. Caught only one FM from there. Maybe I'll see 500 miles this fall. End of August sure was great [for E-skip]. 3 days straight... of FM, too. KENW-3 was in for a record 6 hours straight."

Dave Nieman, Akron NY 14001-9529

(EDT)

AUGUST 1986		AUGUST 1986		SEPTEMBER 1986	
25 T 0726 WTAJ-10	PA 171	28 E 1800 WTVY-4	(FL) 898	1 T 0900 CBCE-16	ON 268
0730 WTOV-9	OH 215	T 2030 WDIV-4	MI 252	0938 Chi 26/32/38	477
0800 WPTV-5	WV 294	29 T 0830 CHRR-4	ON 233	10 T 0730 CROFT-9	(PQ) 218
		E 1329 WVL-4	LA 1110	0800 C----49	PQ ???

"I wonder what Mr. Spock would say the odds would be of having your local ch. 4 off the air for two days and having a late-season Es opening reach that channel both days??? (Astronomical, Captain--jfc) Needless to say I kept an eye on ch. 4 late into the night [of the 28th] and was up early the next morning. One strange slide I saw several times on meteor scatter had only 'Cable 7' on it. (Interesting the way a few stations play up their cable channel more than their on-air channel, but it's usually UHFs that do this.--jfc) The channel 49 seen Sept. 10 must be in the Ottawa-Hull area as it was first noticed during a tropo build-up to there. At 0900 it was still running 3/4 color bars and no tone when it faded out. Later that evening it was seen very weak with French programming. From what I could see and hear it was not running parallel to 30 or 40 Ottawa-Hull or 25 Toronto." (There is a Ch. 49 allocated to Ottawa-Hull, zero offset--jfc)

MYSTERY MAIL: A mysterious envelope graced my mailbox the other day. It bore no return address, only a Hicksville NY postmark (Hicksville is the HQ of PopComm). Inside was a single page torn from the August 1986 QST which contained the 1st page of the "World Above 50 MHz" column. There were no accompanying notes or explanations, only the name "M. Stutterheim" written at the bottom of the page. There was nothing of particular interest to a TV-DX editor in this column, except, perhaps, some reports of 2-meter E-skip back in May. If you are the mysterious Mr. Stutterheim, please come forward!

Bob Seybold, 10567 Bennett Rd., Dunkirk NY
AUGUST 1986

(EDT)

AUGUST 1986
7 T 0400-1000 (continued)

AUGUST 1986
11 T 0800-1100 (continued)

Table with columns for call letters, state, and frequency. Includes stations like WESH-2, WPBT-2, KPRC-2, etc.

Table with columns for call letters, state, and frequency. Includes stations like WKXN-59, WWSH-66, WKAR-23, etc.

Simply Breathing

(where is this one??--jfc)

*not much evidence of closer tropes such as IN, OH, etc., allowing more distant signals in...

BOB'S LOGGINGS CONTINUE ON THE NEXT PAGE

Seybold (continued)

AUGUST 1986

Table with columns for time, call letters, and frequency. Includes stations like MI Us 14/17/19/28/35/41/52/66, OH Us 18/27/28/34/44/48/51, etc.

"There have been a few rare good tropes openings, but not as much as I would expect. A few real good loggings did help, also some late unexpected E-skip, especially August 25th when local channel 4 got knocked off-air by lightning for many hours. What a time for skip--WTVY-4 was uncontested like local for 1 hour."

THIS SPACE FOR RENT



Last, But Not Least

Ralph Strobel, 2300 E. McGalliard Rd., Muncie IN 47303 (EDT)

Table with columns for month/year, call letters, and frequency. Includes stations like MB 950, TX 950, CO 1000, etc.

SUPER!

"If one is primarily a TV-DXer, 1986 proved to be a good year for E-skip. Unfortunately, those of us who also enjoy the FM band E-skip reception suffered. The MUF would usually rise above ch. 4 or 5 and then die! It was noticed as early as May 10 and as late as August 27. Most of my skip is to the Southwest and seeing KNID-2, KHMZ-2, KENW-3 so frequently becomes old, but interesting... Is the name of WLOS-13 in North or South Carolina? (NC--jfc) The 3 cities are given in the order of Asheville (NC)-Greenville (SC)-Spartanburg (SC). I taped an interesting TP and s/off. The only time CBET-9 in Windsor ON gives their call letters is after s/off on a color bar test pattern which lasted about one minute. 'This is CBC in Windsor' is the usual ID. (At least they give that much; some stations aren't even that generous--jfc) CBET was seen perfectly with many interesting commercials, PSAs and s/off saved on my TV-DX tape."

See all of you next month...same time, same channel. It's been real.....73,JOHN



QSL CORNER



THOMAS J. YINGLING, JR.
221 PINWOOD ROAD
BALTIMORE, MD 21222-2345

TV QSL's

FL YBBN 20 Fort Myers, 3719
Central Ave., zip 33961. Letter
from Howard L. Hoffman, VP & GM in
5 days. (Van Horn)

FL WQJR 20 Gainesville, P. O. Box
WCJB, zip 32602. Letter plus logo
sticker from Michael Sherrill, CE
in 18 days. (Van Horn)

FL WFTS 28 Tampa, Prepared card &
sticker in 17 days, signer was
chief engineer but is unreadable, &
no address was given. (Van Horn)

NC WHNS 21 Asheville, X Interstate
Court at Pelham Road, Greenville,
SC 29607. Letter, info sheets &
coverage-map from Robert G.
Truscott, CE in 20 days.
(Lavender)

SC WBTY 13 Florence, 3430 TV Road,
zip 29501. Letter from Bernard E.
Moore, CE with a ton of stuff: 2
pencils, 2 key chains, decals,
name-tag stickers, & nicest of all
was a actual color slide of their
Eyewitness Sports logo as described
to them in my report; all this in
only 12 days (yet he apologized
for the delay, hi). (Combs)

ND KUSO 2 Verillion, New Armony
Building, zip 57069. They send a
xerox of my report on which they
wrote the calls, location, date &
time of reception, but nothing
else, and stamped it with an
address stamp. No signature. Not
even sure you could call this a
qsl! Back in 9 days. (Combs)

TX KPRC 2 Houston, P. O. Box
2222, zip 77252. Letter &
attractive card from Jeffery H.
Lee, Exec. VP & GM in 12 days. Also
send pen, bumper sticker & decal.
(Combs)

TX KHID 2 Midland, P. O. Drawer
"B", zip 79711. Letter from Dale C.
Gorsuch, CE in 6 days, with bumper
sticker & mug. (Combs)

IN WIVO 2 Terre Haute, P. O. Box
299, zip 47808. Letter & picture
post card from Arden L. Ramsey, CE
W9JCU in 10 days. (Combs)

NE KLFN 3 Lexington, P. O. Box
83111, zip 68501-3111. Letter &

coverage-map in 9 days from William
R. Ramsay, Dir. of Eng. & Tech.
Services. (Sittel)

TX KRIS 6 Corpus Christi, P. O.
Box 840, zip 78403. Letter in 9
days from Marvin Born, CE.
(Sittel)

CO KTVS 3 Sterling, P. O. Box
868, zip 80751. Letter & a copy of
Northern Colorado TV Guide from
Gary Moser, Station Manager in 5
days. He says "We were a little
surprized that you could receive
our signal even on a CH system (?
ed.) ...our program dept. has had
problems covering a KYCU-5 id. The
reason it appears is that KTVS is
an S-2 satellite, & our switchers
make errors...our network
affiliation is now CBS/NBC, with
primarily CBS...we have many
changes in the works, including a
new ownership, better equipment &
local news. (Sittel)

NC WRAL 5 Raleigh, 2619 Western
Blvd., Box 12000, zip 27605. Letter
& business card from Wilbur Brann,
CE in 1 month. (Ross)

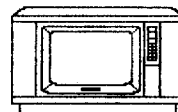
SA CKBI 5 Prince Albert, 22-10th
St. W., zip S6V 3A5. Letter in 1
month from P. Allen Watson, CE.
(Ross)

DC WUSA 9 Washington, 4001
Brandywine St. N.W., zip 20016.
Letter & coverage-map from Richard
A. Wolfe, Mgr. Eng. Ops. in 1 week
after follow-up report. He explains
the call letter change from WDVH-TV
is because Gannett owns both
stations here & in Minnesota along
with six other. The Minnesota
station is now KARE-TV. (Yingling)

NY WRNG 12 Binghamton, 50 Front
St., P. O. Box 1200, zip 13902.
Letter from Ruth A. Epps, Marketing
& Sales Coordinator. reply in 1
week. (Yingling)

Reporter this time: Larry Van Horn,
Glenn Lavender, John Combs (new
reporter-thanks), Matt Sittel
(another new reporter-thanks too!),
Robert Ross, & Tom Yingling,
editor. Keep on sending in those
qsl reports & tv id logos you see.

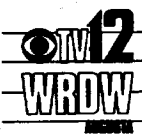
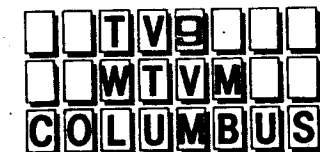
73'S Tom



LOGO'S RUN

THOMAS J. YINGLING, JR.
221 PINWOOD ROAD
BALTIMORE, MD
21222-2345

Welcome to another issue of Logo's Run. This month I will begin with
logos from Bill Fahber & John Combs gave me in past issues of TV Guide.



ACTION NEWS 15
WPDE-TV
 FLORENCE-MYRTLE BEACH

Not so long ago, in a galaxy not so far away...
 Join the Doctor and all his friends as he travels through time and space.



Coming Soon! WSKG-TV 46

39 WQZL
 MIAMI-FT LAUDERDALE

It's Your Station
WHNS-TV 21

WOLO 25

WJHL-TV 11
 "Tri-Cities 1st Station"

28
WBRE-TV

13 WLOS

27
WHTM-TV

30
WAWS-TV



WETO-TV 39
"East Tennessee's Own!"

33

WGYB-TV 5
 The News Station

WKPT-TV 19
Special!

Florida's Super Station, WBFS-TV!

Here is the list of tv logo's seen this month. The list runs from top of page 1 going back & forth the page to page 2. The id logo's range from NY, PA, NC, SC, GA, TN & FL. To do this column, I first cut out the logo from TV Guide. Then I xerox copy it on plain white paper at work. And then cut out the logo & use rubber cement to my computer paper. This way I still have the original copy for future use. So you can see that this column is really cut & pasted. And now on to the list.

WAGT-26 Augusta, GA / WGNX-46 Atlanta, GA / WTV-40 Tallahassee, FL / WRBL-3 Columbus, GA / WALB-10 Albany, GA / WWSB-33 Miami, FL / WBSP-51 Ocala, FL / WNFT-47 Jacksonville, FL / WHP-21 Harrisburg, PA / WGAL-8 Lancaster, PA / WITF-33 Harrisburg, PA / WATL-36 Atlanta, GA / WTAF-29 Philadelphia, PA / WAGA-5 Atlanta, GA / WXIA-11 Atlanta, GA / WDCI-6 Miami, FL / WFTV-9 Orlando, FL / WEXA-24 Macon, GA / WMO-43 Melbourne, FL / WTVX-34 Ft. Pierce, FL / WPVI-6 & KYW-3 Philadelphia, PA / WMT-41 Macon, GA / WTLV-12 Jacksonville, FL / WSB-2 Atlanta, GA / WSAV-3 Savannah, GA / WISC-5 Charleston, SC / WSPA-7 Spartanburg, SC / WTVH-9 Columbus, GA / WWSB-51 Ocala, FL again! / WIS-10 Columbia, SC / WPTV-5 West Palm Beach & WSVN-7 Miami, FL / WRD-12 Augusta, GA / WOFL-35 Orlando, FL // page 2 // WPDE-15 Florence, SC / WSKG-46 Binghamton, NY / WDLZ-39 Miami, FL / WHNS-21 Asheville, NC / WOLO-25 Columbia, SC / WBRE-28 Wilkes-Barre, PA / WJHL-11 Johnson City, TN / WFLX-29 West Palm Beach, FL / WHTN-27 Harrisburg, PA / WAMS-30 Jacksonville, FL / WNSC-34 Binghamton, NY / WETO-39 Greenville, TN / WCYB-5 Bristol, TN / WKPT-19 Kingsport, TN / WWSB-33 Miami, FL again!

Since this is my second issue of Logo's Run I'm looking forward to getting some mail from the membership. I already got some in the mail from Bill Thompson that he got from Paul Gains & Richard Eddie. I have some more old TV Guides from Steve West, so it looks like my second column is off to a good start. I was surprised how well it came out in last month's VUD. So keep on sending in logo's & qal reports too. 73's

VHF UTILITY DX

DONALD L. BLEVINS
 3615 EAST LOMBARD STREET, BALTIMORE, MD 21222-2408
 PHONE # 301-522-2089

VHF Utility DX this month will continue the series on utility frequencies. You may have noted a few abbreviations and so forth with is a list of the abbreviations necessary to compact the information in the space allocated. Tom Yingling's loggings are also included, as this is a DX column.

Abbrviation	Abbrviation for
Elec	Electric
Co-op	Co-operative
Dist	District
Cou	County
REMC	Rural Electric Membership Corporation
Pub Serv	Public Service
Auth	Authority

Tom Yingling, Jr 221 Pinewood Road Baltimore, MD 21222
 Regency MX 7000 1/4 wave groundplane

REPORTS:

06-22 2230 KRT-827	037.24	Huntsville, AR	Madison County Sheriff
06-22 2258 KKM-826	037.10	Berryville, AR	Carroll County Sheriff
06-25 2308 KKD-232	037.24	Harrison City, AR	Harrison City Police
06-25 2310 KAG-731	039.58	Nehama, KS	Nemaha Volunteer Fire
06-27 1044 KEM-431	037.24	Toms River, NJ	Ocean County Sheriff
07-07 1917 WGM-259	046.42	Reedsburg, WI	Reedsburg Rural Fire
07-08 1438	495.8125	Baltimore, MD	Comcast Cable TV
07-09 1924 KGG-667	045.22	Hattiesburg, MS	Forrest County Sheriff
07-09 1954	045.22	Collins, MS	Covington County Sheriff
07-09 2000 KKB-846	045.22	Lucedale, MS	George County Sheriff
07-09 2012 KLI-242	045.22	Pervis, MS	Lamar County Sheriff
07-09 2024 KEP-705	045.22	Raleigh, MS	Smith County Sheriff
07-09 2055 KSV-391	045.22	Centreville, MS	Liberty County Sheriff
07-13 0946 KBK-963	037.24	Lake Village, AR	Chiot County Sheriff
07-13 0950 KDY-432	037.24	McGehee, AR	McGehee Police
07-13 0951 KRA-543	037.24	Searcy, AR	White County Sheriff
07-13 0951 KZZ-331	037.24	Nashville, AR	Nashville Police
07-13 0953 KSL-425	037.24	Arkadelphia, AR	Clark County Sheriff
07-13 1000 WXP-643	037.18	Buffalo, TX	Buffalo Ambulance Crew
07-14 1830 KCY-212	045.32	Richlands, VA	Richlands Fire
07-14 2235 KAB-248	039.58	Ottawa, KS	Franklin County Sheriff
07-20 2100 KAA-958	042.06	Rolla, MO	Missouri Highway Patrol

← 37.52 →

WSU-428	Pea Ridge Water Department	AR	KEA-259	Ocean City	MD
	Lincoln Avenue Water Co		KEA-261	Snow Hill	MD
KEJ-449	Altadera	CA	KAB-809	Dairyland Power Co-op	
	Venice Gardens Utility		KAJ-416	Harmony	MN
KJW-581	Venice	FL	KAA-825	Rochester	MN
	Georgia Power Company			Twin Lakes	MN
KUD-876	Columbus	GA	KLA-908	Ohmaha Public Power Dist	
	Northern Indiana Pub Serv			Elkhorn	NE
KSA-228	Crown Point	IN	KTJ-688	City of Ohmaha	
	Michigan City		KTJ-689	Julian	NE
KUD-835	Hardin Cou Water Dist #2	IN	KAA-468	Kenard	NE
	Elizabethtown			Ohmaha	NE
WGX-510		KY	KUL-400	North Jersey Dist Wat Comm	
				Wanunque	NJ

WXA-852	Plains Elec Gen & Trans Co	NM	KIC-329	Cumberland Elec Mem Corp	TN
KKM-754	Caballo		KIB-330	Ashland City	TN
	Sandia Mountain		KIC-987	Clarksville	TN
	Carroll Elec Co Coop		KIC-331	Dover	TN
KNBA-623	Carrollton	MO		Gallatin	TN
	Frontier Power Co			Tennessee Valley Elec Corp	TN
KQA-515	Coshocton	OH	KIA-262	Savannah	TN
KQA-706	Gallipolis	OH		Cumberland Elec Mem Corp	TN
	South Central Power Co		KIB-332	Springfield	TN
KOG-399	Idaho	OH		Tennessee Valley Elec Corp	TN
	Washington Elec Coop		KIA-262	Waynesboro	TN
WZU-836	Lowell	OH		Texas Power & Light	
KQA-415	Marietta	OH	KGM-662	Bedford	TX
	Holmes Wayne Elec Coop		KKD-464	Brownwood	TX
KQA-467	Millersburg	OH	KWX-258	Buffalo	TX
	Marrow Elec Coop		KKD-471	Cameron	TX
KQA-607	Mount Gilead	OH	KKC-980	Corsicana	TX
	Paulding Putnam Elec Coop		KGQ-675	Dallas	TX
KQB-738	Paulding	OH	KKD-405	Dallas	TX
	Belmont Elec Coop		WRD-924	Dallas	TX
KQC-437	Saint Claisville	OH	KKE-669	Desoto	TX
	Holmes Wayne Elec Coop		KDH-524	Duncanville	TX
KQA-466	Salem	OH		Surfside Waterworks Inc	
	Licking Rural Elec Inc		KTD-690	Freeport	TX
KQA-395	Utica	OH		Texas Power & Light	
	Washington Elec Coop		KKH-345	Garland	TX
WZU-835	Whipple	OH	KKD-248	Hillsboro	TX
	Grand River Dam Auth		KXU-590	Irving	TX
KKM-720	Cushing	OK	KKC-273	Irving	TX
KKC-471	Langley	OK	KKD-457	Jewett	TX
KKC-472	Locust Grove	OK	KKD-458	Lufkin	TX
KKI-579	Pryor	OK	KKM-580	Lufkin	TX
WSP-757	Pryor	OK	KKD-468	Nacodoches	TX
KRU-225	Salina	OK	KKD-477	Palestine	TX
KFN-205	Salina	OK	KNBI-214	Palestine	TX
	Metropolitan Edison		KDN-317	Plano	TX
KBK-530	Boyetown	PA	KKQ-876	Richardson	TX
KGD-654	Cumberland County	PA	KCD-634	Round Rock	TX
KGA-604	Easton	PA	KKF-827	Taylor	TX
KGD-678	Gettysburg	PA			
KGD-354	Glen Rock	PA			
KGD-353	Hanover	PA	KKD-455	Temple	TX
KBK-393	Krumville	PA	WRB-689	Temple	TX
KGB-384	Lebanon	PA	KNBI-216	The Colony	TX
KDQ-539	Middletown	PA	KKB-890	Tyler	TX
KVV-583	Middletown	PA	KKD-459	Waco	TX
KGG-625	Portland	PA		Wahkiakum Cou Pub Util	
KGA-605	Reading	PA	KOQ-373	Cathlamet	WA
KGG-626	Reading	PA	KOA-647	Grays River	WA
KGA-312	Stroudsburg	PA		Wisconsin Elec Power Co	
KFP-620	Topton	PA	KDR-26	Auburn	WI
KGB-385	York	PA	WZH-805	Milwaukee	WI
KFP-621	York Haven	PA	KTA-281	Port Washington	WI
KGB-385	Zions View	PA	KDR-26	Waterloo	WI
			KDR-26	Watertown	WI
			KDR-26	West Bend	WI

	Mitchell County REMC		KKC-701	Reserve	LA
KCK-837	Albany	GA	KKC-703	Sorrento	LA
KID-632	Camilla	GA		New Bedford Light	
KIA-684	Carrollton	GA	KCA-862	Barnstable	MA
KEP-227	Hepzibah	GA	KBW-284	Bourne	MA
KIA-622	Louisville	GA	KJW-965	Hyannis	MA
KIE-382	Sylvester	GA	KCA-365	New Bedford	MA
	Iowa Elec Pow & Light		KCA-429	Plymouth	MA
KAF-680	Armstrong	IA	KCA-270	Wareham	MA
KGJ-822	Belle Plain	IA		Bangor Hydro Elec Co	
KAB-911	Boone	IA	KCC-405	Bangor	ME
KAF-682	Britt	IA	KCA-380	Chamberlain Lake	ME
KAB-909	Cedar Rapids	IA	KCA-305	Eddington	ME
WZB-222	Cedar Rapids	IA	KCA-346	Hancock	ME
KGJ-823	Dundee	IA	KCA-323	Lincoln	ME
KAH-826	Fairfield	IA	KCA-390	Machias	ME
KAA-703	Guthrie Center	IA	KCA-311	Milford	ME
KAF-681	Iowa Falls	IA	KCK-381	Twp 6 Range 10	ME
KAL-356	Jefferson	IA	KCA-344	Twp 6 Range 8	ME
KDU-848	Lone Tree	IA	KCA-310	Veazie	ME
KAD-488	Maquoketa	IA		Tri-County Elec Co-op	
KAB-910	Marshalltown	IA	KQE-752	Blanchard	MI
KBX-231	Nevada	IA	KAS-226	Burnips	MI
KAL-357	Perry	IA	KQE-876	Near Hart	MI
KAI-540	Peterson	IA	KQA-921	Newago	MI
KAF-683	Rolfe	IA	KQB-213	Portland	MI
KBX-230	Sibley	IA		Wolverine Elec Co-op	
KAH-473	Spirit Lake	IA	KDL-466	Scottville	MI
KAN-361	Toledo	IA		Western Michigan Elec Coop	
KAL-353	Williamsburg	IA	KQK-636	Scottville	MI
	Harrison County REMC			North Itasca Elec Coop	
KSA-311	Corydon	IN	KNCC-228	Big Fork	MN
	Orange County REMC		KNCC-228	Northome	MN
WQC-889	Orleans	IN		Missouri Pub Ser Co	
	Southeastern Indiana REMC		KAJ-495	Brookfield	MO
KSA-399	Osgood	IN	KAJ-579	Chillicothe	MO
	Parke County REMC		KAB-633	Clinton	MO
KSC-596	Rockville	IN	KQZ-356	Grandview	MO
	Sullivan County REMC		KAB-632	Lees Summit	MO
KSC-477	Sullivan	IN	KAA-741	Lexington	MO
	Cumberland Valley REC		KAJ-741	Marshall	MO
KIA-297	Cumberland	KY	KAA-321	Nevada	MO
KIA-297	Gray	KY	KAA-742	Platte City	MO
KNBH-652	Gray	KY	KAF-233	Pleasant Hill	MO
	Louisiana Power & Light		KAB-405	Raytown	MO
KKA-323	Amite	LA	KAA-743	Richmond	MO
KKC-712	Amite	LA	KAK-425	Ridgeway	MO
KFJ-746	Bogalusa	LA	KAA-446	Sedalia	MO
KKA-656	Bogalusa	LA	KAA-498	Trenton	MO
KKE-987	Independence	LA	KAA-229	Warrensburg	MO
KKC-700	Kentwood	LA		East Mississippi Pow Ass	
KKC-706	Metairie	LA	KKA-725	Meridian	MS
KBD-642	Montz	LA		City Of Concord	
KDU-939	New Orleans	LA	KDU-864	Concord	NC

WESTERN TV-DX

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

November 1986

Deadline: 12-4-86

This month, we welcome two (actually three) new reporters - Sally Ortega of Santa Clara, California, and Jack and David Dudley of Electra, Texas. It is good to have you with us, and I hope to receive regular reports from you.

September did not appear to be as outstanding a month for tropo as it can be at times, but there were some nice openings. Notable was Jeff Kadet's catching of UHF from SC at up to 800 miles on the 13th and Nate Ely's opening to SD on the 24th.

Nate had good luck with SDPTV stations due, I believe, to their all night programming. I have been meaning to call attention to the practice which opens up quite a number of difficult to log PBS stations for DX'ing after local sign/offs. I don't know when they started it (or how long it will last), but for some time now I have found the South Dakota network on all night, including weekends, with educational programming apparently aimed at VCR's. Between programs they often run an announcement slide for a long period of time - perfect for identification. Perhaps, DX'ers should be checking channel 2 for meteor skip reception of KUSD?

I have been changing all reports of CKCK call letters to CKTV in this column. From now on, I will be changing all reports of CKTV call letters to CKCK! I don't know what the official call letters are, but I intend to be consistent. Bill Faber has maintained that their call was never changed and CKTV is a nonID (as Bruce Elving would say). A recent report of the sale of CKCK-TV (and identified as such) lends credence to that theory; so for now it will again be CKCK-TV in this column (unless proven otherwise).

New ___ New Mode ___ Tent. - t Unidentified - unid S/O - + S/Off - =
ID Color Bars - @ ___ Unid Color Bars - % IHTP - \$ Misc. Test Patterns - &

BN Baja California Norte	CJ Coahuila	QR Queretaro
BS Baja California Sur	NL Nuevo Leon	TM Tamaulipas
CH Chihuahua	QN Quintana Roo	YU Yucatan

Marvin Shults, RR#1, Toulon, IL 61483

CDT

August 1986	16 tr 0430	WPWR 60 IL off	18 tr 0726	Dayton 22, 45
4 Es 2059	CBFTt 2 PQ	W51AF 51 IL has	0728	WLIO 35 OH
	2100	CJBRTt 2 PQ	0756	KSHB 41 MO
8 tr 0746	K56BX 56 MO		20 tr 0629	KITN 29 MN
	(Steelville LPTV)	Es 1030	0659	WLEF 36 WI
	0748	K60CLt 60 IA	21 tr 0830	KLDH 49 KS
	0750	KC's 41, 50, 62		KC's 19, 41, 50, 62
		KPTM 42 NE	1058	KRGV 5 TX
		KMEG 14 IA	1100	KRIS 6 TX
		0826	1108	KMOL 4 TX
12 ms 0430	Poor, some unids		1130	KENS 5 TX
tr 0434	KSHB 41 MO			KACB 3 TX
	0440	KCTV 5 MO	1158	KIII 3 TX
	0501	+WDAF 4 MO		KMID 2 TX
	0504	+KMOV 4 MO	1228	XEPM 2 CH
13 tr 0411	KARE 11 MN			KENW 3 MN
	0412	WCCO 4 MN	1229	KDBC 4 TX
	0418	WAVE 3 KY	18 tr 0630	K42## 42 ?? TBN
15 tr 0900	WKON 52 KY	KET		CKCO3 42 ON
16 tr 0430	KCTV 5 MO			Detroit 50, 56, 62

September 1986

3 tr 0414	WLWT 5 OH
0417	WXIX 19 OH

Jeff Kruszka, 1900 Stevens Drive, # 224, Richland, WA 99352

PDT

Equipment: Sylvania 12" black and white

August 1986	3 Es 1928	unid ch 3 movie	6 Es 1900	KSNC 2 KS 1100	
		w / Sp subtitles	2000	KENW 3 NM 1115	
1 Es 1940	unid chs 2, 3	1945	KTVK 3 AZ 915	2018	KNMZ 2 NM 945
2010	KMID 2 TX 1280	2000	KVBC 3 NV 690	8 Es 1659	KUSD 2 SD 1075
3 Es 1900	KCBS 2 CA 790	2004	unid channel 5	1713	KOTA 3 SD 740
	KEYTt 3 CA	6 Es 1715	KSNC 2 KS 1100	1718	KIVVt 5 SD
	KNBct 4 CA		KSNW 3 KS 1190	1948	KWGN 2 CO 790
1907	KTLat 5 CA	1743	unid channel 4	2000	KMID 2 TX 1280

37.54

37.54

Ohio Edison Company	OH		
KQA-912 Akron	OH		
KQB-249 Alliance	OH		
KQB-241 Elyria	OH		
KQB-239 Florence	OH	KKE-872	Arkansas Power & Light
KQG-889 Lorain	OH	KKA-432	Arkadelphia
KQB-246 Mansfield	OH	KKA-453	Atkins
KQB-245 Marion	OH	KKE-275	Atkins
KQB-244 Massillon	OH	KKE-274	Bald Knob
KGI-241 Mount Gilead	OH	KKC-444	Beebe
KQB-238 Niles Junction	OH	KKE-677	Berryville
WSM-637 Peoria	OH	KKE-677	Brinkley
KQB-243 Sandusky	OH	KKB-296	Camden
KQA-910 Springfield	OH	KKA-456	Conway
KQB-242 Wadsworth	OH	KFX-490	Crossett
Metropolitan Edison Co	PA	KKC-462	Dumas
KKB-530 Boyertown	PA	KNBQ-371	Earle
KGD-564 Cumberland County	PA	KKA-831	Eldorado
KGD-678 Gettysburg	PA	KKC-458	Eldorado
KGD-354 Glen Rock	PA	KKB-298	England
KGD-353 Hanover	PA	KKE-752	Fordyce
KKB-393 Krumsville	PA	KKD-271	Forrest City
KGB-384 Lebanon	PA	KKA-350	Glenwood
KDQ-539 Middletown	PA	KKC-459	Gurdon
KVV-583 Middletown	PA	KKA-621	Hamburg
KGA-605 Reading	PA	KKA-202	Harrisburg
	PA	KKF-295	Harrison
	PA	KNBU-229	Hazen
KBG-626 Reading	PA	KKE-676	Hot Springs
KFP-620 Topton	PA	KKE-676	Hughes
KGB-385 York	PA	KKU-274	Jacksonville
KFP-621 York Haven	PA	KNBU-228	Jones Hill
KGB-385 Zions View	PA	KKR-999	Junction City
	PA	KKC-456	Lake Village
KET-591 Alvin	TX	KNBQ-370	Lake Village
KKZ-542 Angelton	TX	KKD-274	Little Rock
KKC-896 Baytown	TX	KNBQ-369	Little Rock
KKC-894 Bellaire	TX	KNBQ-374	Magie
KJC-723 Channelview	TX	KKB-297	Magnolia
KSU-519 Donnie	TX	KKD-272	Malvern
KKC-899 Freeport	TX	KKE-549	Mariana
KKC-898 Galveston	TX	KKE-561	Marion
KKC-893 Houston	TX	KKE-562	Marked Tree
KKC-901 Houston	TX	KKF-291	Marshall
KKD-348 Houston	TX	KKC-455	McGhee
KKQ-341 Houston	TX	KKC-399	Monticello
KKQ-880 Houston	TX	KKA-459	Morrilton
KRH-303 Houston	TX	KKI-510	Mountain Home
KSP-755 Houston	TX	KKE-272	Mountain View
KSR-783 Katy	TX	KKA-620	Newport
KKA-546 Rosenberg	TX	KTS-385	Russellville
KJL-451 Seabrook	TX	KKA-619	Searcy
KKZ-423 Sealy	TX	KNAG-287	Snakover
KKG-438 South Houston	TX	KEP-945	Stamps
KFO-983 Tomball	TX	KKD-269	Stuttgart
KKF-294 Wharton	TX	KKE-565	Truman
	TX	KKE-566	Wynne
	WI		New Haven Water Company
KSA-730 Alma	WI	KCD-626	Hamden
KSB-295 Baldwin	WI		
KSB-631 Cassville	WI		
KSB-294 Elk Mound	WI		
KSB-296 Genoa	WI		
KYX-515 Iron River	WI		
KSA-234 La Crosse	WI		
KSB-604 Ladysmith	WI		

<u>Jeff Kruszka (continued)</u>			
21 Es 1700	unids ch 2-4	CDT	22 Es 2000
	1711	unid channel 5	2010
10 Es 1747	unids chs 2-4		2018
1758	KBME 3 ND	1740	unids ch 3,4
1800	unid channel 5	1859	PDT
1824	KXJB 4 ND 975	22 Es 1935	unids chs 2-5
1836	KXMA 2 ND 735	1944	2100
15 Es 2008	KNMZ 2 NM 945	1948	unid channel 2
		2000	2235
			KNAZt 2 AZ

This was the best August of E skip ever for me in my six years of DX'ing. Unfortunately, I'm still having troubles recording what I'm seeing - I'd appreciate knowing if there have been any articles published on the topic of DX videotaping. The DX on the 22nd was heavy from two areas, the east and the south. I'm positive the two California stations were in northern California. KIEM-3 would be pretty short E skip at 425 miles.

Nathaniel Ely, 1237 East Johnson St., #2, Madison, WI 53703 (608)-257-5220 CDT

Equipment: UHF - modified Channel Master 7 foot dish with 4990 and 4975 preamplifiers, .412 aluminum cable. VHF - Channel Master 1110 with Channel Master Spartan II preamplifier (0061), .412 cable, vertically polarized ten element low band yagi at 28 feet. Tower - QDMX-56 (56 foot free standing). Receivers - Zenith System III's (#SL1971 and #SL1927w, both 19"), Zenith B1310w 13", RCA Colortrack 2000 (25" stereo monitor #FLR2523E), RCA 12" b&w (AJR122s) (Es monitor), and Radio Shack 5" b&w.

Since I sort of blew it on reporting this season, I'll just report those stations which are new. My full loggings will resume with the month of August. My apologies to those unsung historical researchers! Hi! Here's the plunder:

<u>May 1986</u>			
1 tr 0100	WTJR 16 IL 280	27 tr 0330	KMTV 3 NE 360
10 Es 1200	WCTV 6(GA)		(Now CBS)
25 Es 1429	KYCU 5 WY 865	30 tr 0819	WEIU 51 IL 250
1605	KXLY 4 WA 1430	0900	W57AO 57 IL 290
			(Robinson TBN & PTL)

<u>June 1986</u>			
5 gw 1145	WMSN 47 WI 8	August 1986	7 tr 0135 =KDLH 3 MN 300
	(Testing. 40dBmV sig here. Whew!)	11 tr 0546	WDRB 41(IN) 400
7 Es 1032	XHRIO 2 TM 1250	Es 2054	CKSA 2 AB 1170
9 tr 0314	WCPO 9 OH 375	2254	CITL 4 AB 1170
	(WGN off air?)	12 ms 0200	KTBST 3 LA
10 tr 0130	WJRT 12 MI 280	15 ms 0107	CBFT2t 3 PQ
11 Es 1303	WDSU 6 LA 880		(Philips TP)
15 Es 1203	KTVV 4 OK 610	16 tr 2138	WCLQ 61 OH 400
1230	KAMR 4 TX 890	18 tr 0156	CKCO 13 ON 440
18 tr 0200	KNLJ 25 MO 350		CKCO3 42 ON 370
21 tr 0025	CICA 19 ON 485		CIII22 22 ON 510
0050	CICO20 20 ON 360	0215	WJET 24 PA 465
26 tr 0316	WTVV 4 IN 280	0400	WBKB 11 MI 330
0421	WBNA 21 KY 400	0434	WVIZ 25 OH 400
0424	WNAE 3(IN) 400	0445	WCIU 12 PA 465
0445	WBIR 10 TN 580		(Through WISN)
0458	WYMT 57 KY 510	0457	WUAB,WOIO OH 400
0536	WDKY 56 KY 460	0458	+WITE 28 OH 410
0558	WETO 39 TN 585	0500	WSEE 35 PA 465
0626	WFFF 48 AL 585	0516	WNWO 24 OH 315
0632	WHNT 19 AL 585		(xWDHO, NW Ohio)
0644	WAAY 31 AL 585	0525	WSFJ 51 OH 420
	(Station # 500)	0527	WBGU 27 OH 310
28 tr 1429	K52AY 52 MO 310		(Formerly ch 57)
	(St. Louis SIN)	0536	WCLQ 61 OH 400
29 tr 0200	KPTM 42 NE 360	0540	WAKR 23 OH 420
		0550	CITY 57 ON 465
		19 tr 0112	K66BV 66 MI 315
			(Detroit SIN)

<u>July 1986</u>			
18 Es 1228	WKTV 2 NY 710	0158	KELO 11 SD 400
19 tr 1035	KTVI 2 MO 310	0300	WBNS 10 OH 410
1130	WSTU 8 IL 375		
23 Es 1323	KTYM 6 MT 1170		

<u>Nate Ely (continued)</u>			
3 tr 0055	WUAB 43 OH 400	17 tr 0257	WBNS 10 OH 410
0059	WSEE 35 PA 465	0437	WTVQ 36 KY 430
0126	WJET 24 PA 465	0446	WHAS 11 KY 400
0153	W8BY 8 WI 60	0518	W47ABt 47 OH
	(Milwaukee LPTV)		WITE 28 OH 410
	("Much Music")	0534	WUAB 43 OH 400
	(My 1st V LPTV)		WCLQ 61 OH 400
17 tr 0225	WVAH 23 WV 525	0540	WKYT 27 KY 430
0235	WAKR 23 OH 420	0545	WDKY 56 KY 455
		0554	WPBO 42 OH 420
		0614	WCVN 54 KY 390
			Also many s MN xlters and LPTV.
			(Crystl Falls WGBA-26)

To sum up the season, I would have to say it's been so-so. Es was good at times though I did not add many new ones via this mode. For tropics there were moments of great "DX-tasy", but overall, my enthusiasm lagged (which may explain my poor reporting all summer).

Next month, if there is any DX to report, I'll run some comments on the new UHF system which was completed on the 24th of June.

That's all for now from Mr. Nate's House of TV-DX. 73, Nate

Sally Ortega, 854 Harrison Street, Santa Clara, CA 95050 PDT

Equipment: Zenith color TV, Zenith VCR, Channel Master UHF-VHF antenna

<u>July 1986</u>			
26 Es 1236	KNMZ 2 NM 920	17 Es 1052	KENW 3 NM 1060
1341	KMID 2 TX 1225	1114	KMID 2 TX 1225
		22 Es 1241	KOTA 3 SD 1179
		1306	KTVQt 6 MT
<u>August 1986</u>			
3 Es 1924	KAVE 6 NM 1040	1807	CKCK 2 SA 1325
9 Es 0554	unid channel 6	1948	CFSS 3 SA 1228
tr 0606	KSBY 6 CA 262	2010	CFAC 2 AB 1288
		31 Es 1315	unid channel 2

me started to TV DX'ing and I'm truly hooked. He had assisted me in my loggings and getting the verification letters written. So far, I have had two confirmations, those being KMID and KNMZ. I'm interested in knowing if there are other TV DX'ers in the northern California area.

August 22 was a great day for E skip in this area. It started early in the morning and lasted into the evening. I was able to get five new catches, three of them in Canada. It was a shame I had to work during the day, but living only a block away from the job enables me to check on skip during lunch and sometimes at break. Thanks to VCR's, they record skip even when you're not at home. Too bad the season will end soon.

Jack & David Dudley, 320 N. Electra St., Electra, TX 76360 CST

Equipment: Radio Shack U-120 and 15-1627 multi-bay antennas, 15-1225 Archer rotor on a 25 foot mast with a 50 foot run of RG-59 cable to a Radio Shack TC-1000 19" color monitor. QTH 98.9°W/34.1°N and 1100' a.s.l.

<u>August 1986</u>			
29 Es 1500	WPBT 2 FL 1300	30 tr 1945	WNTZ 48 MS 465
	unid 2 Spanish	2012	KJTM 38 AR
1900	WESH 2 FL 1100		
	WDIQ 2 AL	25 tr 0540	WIBW-13 on ch 36
30 tr 1900	KMJD 38 AR 400	0545	KSNT 27 KS
1903	KHBS 40 AR 270	0615	KSHB 41 MO
1920	WAPT 16 MS 560	0619	KZKC 62 MO
		0936	KBIN 32 IA
		0937	KYFC 50 MO 420
		29 Es 1913	XEW 2 DF 1100
		1942	XHTV 4 DF 1100

(I suspect your Kansas loggings on channels 36, 56, and 57 were due to Oklahoma translators picking up and relaying the signals from Kansas. K36AB (KETA-13) at Lawton could relay WIBW, channel 13; and K56BQ (KWET-12 via K19AA) at Frederick could relay KWCH, channel 12, on channel 56 and also relay KUPK, channel 13, on its upper adjacent channel, channel 57. In the case of K56BQ, this would indicate that the situation also existed at K19AA, Altus. If you can arrive at another explanation, let me know. fm)

(Jack and David would like to correspond with other TV DX'ers to "learn more about the fine points of the hobby." They would also like recommendations as to which of the VUD back issues contain the most helpful information for beginning DX'ers. If you can help, please write to them. fm)

Paul Mitschler, 4911 Idlewilde SE, Albuquerque, NM 87108

MDT

Equipment: Magnavox 9" black & white, BP V-7739 converter, Hitachi 9" color, Universal V-1000 converter, five element channel 6 yagi, four element channel 3 yagi at 30 feet.

June 1986	25 Es 1035	WBRC	6 AL	1150	4 Es 1805	KNMZ	off the air
26 Es 0800	WEART	3 FL			1828	WMAB	2 MS
2145	KOABT	3 OR		1200		WDIQ	2 AL
30 Es 0908	KCRAT	3 CA			2000	KNMZ	back on
0930	KEYT	3 CA	725	1230		KBTX	3 TX 610
				1300		KCRA	3 CA
				1345	5 Es 0855	KVIE	6 CA
July 1986	28 Es 1200	KBME	3 ND			KRON	4 CA
17 Es 0930	WSIL	3 IL		29 Es 0917	1130	KVIQ	6 CA
1000	WCIA	3 IL	922			KIEM	3 CA
19 Es 1700	WAVE	3 KY	1175			KIEM	3 CA
	KTVO	3 IA	850		8 Es 0835	KIEM	3 CA
	2107	WCIA	3 IL		0900	KVIQ	6 CA
	2145	WISC	3 WI	917	11 Es 1000	KTVO	3 IA
23 Es 0900	KATC	3 LA		August 1986	16 Es 1100	WREG	3 TN 950
1000	WRBL	3 GA	1100	1 Es 1400		KEYT	3 CA
1030	WLBT	3 MS	848	3 Es 0730		KEYZ	3 QR
1055	KIII	3 TX	735		1230	KEYT	3 CA
24 tr 0600	KENW	3 NM			1240	KCRA	3 CA
25 tr 1230	KENW	3 NM			1925	KCRA	3 CA
26 Es 0855	WEAR	3 FL	1028		1945	KEYT	3 CA
0905	WLBT	3 MS			2045	KVIQT	6 CA
1035	KCRA	3 CA			2100	KSBY	6 CA
					2100	WSIL	3 IL
					4 Es 1800	WSIL	3 IL

The summer of 86 provided many opportunities to observe E skip in a new location. Even with strong locals on channels 2, 4, and 5, I still managed to log a little more than half of the US stations on channel 3. I was quite surprised to get a very good signal from KRON-4 by positioning my channel 6 antenna to null out KOB-4. Next year, I plan to get ready for more attempts on local channels. I was really pleased to have KNMZ go off the air during a high E skip period and open up channel 2. Both TV converters have been great for working channel 3, except when the antenna is pointed directly at Sandia Crest. My best signals on channel 3 have come from my Universal V1000 fed into the Hitachi. While the BP V7739 appears to be very similar to the Teknika 6510, it continually grabbed channel 4 whenever the channel 3 signal faded. Anyway, I fear that I am now entering the seasons of no signal.

Dave Pomeroy, 1169 Webster, Topeka, KS 66604-1502

(Dave sent a post card advising that his unid logging of Hit Video USA on channel 61 on July 28 has been identified as LPTV K61CU in Lincoln, Nebraska. fm)

Randy Miltier, 1068 Fairview Avenue, San Jose, CA 95125

Absolutely nothing to report. There was an opening here on September 21 as new member Sally Ortega logged KENW-3, KMID-2, and XEW-2. I was at the fire station so all I could do was hear the DX by phone - say, can I count DX by phone? (Just kidding!)

Well, I learned a lesson about telescopic masts this past month. I learned that the top section DOES slip out of the second section when raising it. I learned that once the top section is out, you can't get it back in quick enough to avoid a catastrophe. I learned you can't hold up a 10 foot mast with a rotor and a CM 1160A with a 12 foot boom while standing on top of a 6 foot step ladder for very long. I learned to swear very loudly. I learned how to make a CM 1160 (VHF) out of a CM 1160A (VHF-UHF) - basically nose first. Amazingly, the only damage was to the butterflies at the front, and the UHF still works fine without them. This will force me to put my 6 foot dish up that's been sitting in the garage for 20 years.

This all occurred after reading Tim McVey's article on coaxial cable in the September 1986 VUD. I inadvertently put up the wrong RG59/u coax. I switched to the RG59/u foam and noticed a substantial difference even without the butterflies. I will put RG11/u on the UHF dish.

Tom Yingling, I enjoyed your logo's. I will be sending you some from this area. 73

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260 (505)-396-3251

MDT

July 1986	25 Es 1710-1900	unids ch 2-6	9 Es 1800	unid ch 2 Mexico
7 tr 0800	KLMG	51 TX 504	10 Es 2100	KXMA 2 ND 936
9 Es 0845	unids chs 2-6 ne	(Had to go work)		CFSS 3 SA 1103
12 Es 1859	WBRC	6 AL 959	26 Es 0650	unids chs 2,3 ne
1941	WSB	2 GA 1098	27 Es 1647	WBRZ 2 LA 743
1945	WAGA	5 GA 1098	1648	unids chs 2-6 e
15 Es 0800	unids 2-4 Mexico		1900	WDIQ 2 AL 1008
tr 0810	KLMG	51 TX 504	1904	WSB 2 AL 1098
17 Es 0820	unids chs 2-6 e		28 Es 0820	KGFET 2 ND
tr 0845	WNOL	38 LA 830	31 Es 1950	KTVU 2 CA 1116
0846	WLAE	32 LA 830	1956	KRON 4 CA 1116
Es 0931	WBAY	2 WI 1125	1957	KPIX 5 CA 1116
1400	KGAN	2 IA 878	August 1986	
1734	CBWFT7	2 ON 1215	3 Es 1000	KCBS 2 CA 855
1740	WBBM	2 IL 1040		KEYT 3 CA 945
18 Es 1943	WLNS	6 MI 1215		KNBC 4 CA 855
2000	WBBM	2 IL 1040	1100	KTVO 2 MT 900
19 Es 1735	WTWO	2 IN 981	1130	KXMA 2 ND 936
2059	KGAN	2 IA 818	1659	XHGWT 2 BS 743
2101	WBAY	2 WI 1125	1755	LA 2, 4 CA 855
2112	WTMJ	4 WI 1067	1900	KTVU 2 CA 1116
2113	WITI	6 WI 1067	2030	KSBY 6 CA 1004
2115	WFRV	5 WI 1125	2100	KPIX 5 CA 1116
2116	WOI	5 IA 788		KRON 4 CA 1116
2117	WMMT	3 MI 1148	4 Es 1815	unids chs 2-6
2122	KDLH	3 MN 1094	1920	XHAN 2 QN?1320
2321	WDTN	2 OH 1152		(Cancun, QN ??)
20 Es 0910	unids chs 2, 3 e		2110	XHY t 3 YU
1811	KNBC	4 CA 855	5 Es 2000	WJBF 6 GA 1238
1829	KEYT	3 CA 945		unids chs 2-5
	KCBS	2 CA 855	6 Es 1910	KEYT 3 CA 945
2312	XHAQ	5 BN 716	1912	KSBY 6 CA 1004
	XHBC	3 BN 716	2000	KCBS 2 CA 855
	(KCBS still in)		2217	KPVI 6 ID 833
2319	KTLA	5 CA 855	2218	KUTV 2 UT 707
23 Es 0825	unids chs 2-6 e	(Had to go work)	2220	KBCI 2 ID 990
			2259	KHQ 6 WA 1226
24 Es 1915	KCBS	2 CA 855	7 Es 0001	KREM 2 WA 1226
	unids ch 2 (two)			

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

CDT

My AB-300 preamplifier went on the fritz; first time that's happened since I put it up about eleven years ago. I fixed it today and will probably get it back up on my 40 foot tower (its used with the single Winegard SC713 (chs 7-13) yagi) by the end of the week. It was probably damaged by the excessive rainfall we've had lately or probably lightning damaged it. I know one night we had thunder and lightning all night from 2300-0630. Lots of rain, but no flooding here. We live in the highest part of town. Needless to say, there wasn't too much tropo action - no E skip.

August 1986	4 tr 0825	WKON	52 OH	437	18 tr 2136	WKON	52 KY	437
28 tr 2100	WCET	48 OH	400		20 tr 2121	WCET	48 OH	400
31 tr 0907	WKOH	31 KY	467			WKON	52 KY	437
	(Snow free)				2125	WKLE	46 KY	473
	WKMA	35 KY	499	7 tr 2030	WCET	48 OH	400	2138
	WFIE	14 IN	420			WCET	48 OH	400
	WEHT	25(KY)	420	10 tr 1915	WCET	48 OH	400	2200
	WLNT	19 KY				WTVO	36 KY	473
	WBAK	38 IN	348			WKON	52 KY	437
	(Lots of stations booming in, but fast deterioration after 0935)				LS 2050	WDKYt	56 KY	
					tr 2050	WKLE	46 KY	473
					13 tr 0826	WCET	48 OH	400
					0830	WKON	52 KY	437
					17 tr 0629	WFTTt	22 PA	
September 1986						WFGHT	53 PA	
4 tr 0825	WCET	48 OH	400	18 tr 2136	WCET	48 OH	400	

William Draeb (continued) 25 tr 2232 W57AR 57 WI 28 tr 2042 WDRB 41(IN) 437
 (Sayner WSAW-7) WTVQ 36 KY 473
 25 tr 1830 WDRB 41(IN) 437 26 tr 1902 WPTT 22 PA 480 WKPC 15(IN) 437
 WKONt 52 KY 2040 WCET 48 OH 400 WXIX 19 OH 400
 WCET 48 OH 400 28 tr 0730 Iron Mtn xlt 100 2054 WNEO 45 OH 405
 1837 WPTT 22 PA 480 2039 WCET 48 OH 400 WEAO 49 OH 380
 2232 WKON 52 KY 437 WKON 52 KY 437 WGGN 52 OH
 WOSU 34 OH 395 LS 2042 WDKY 56 KY 495 WOSU 34 OH 395

That's all for now. 73's, Bill

Jeff Kadet, Box 20, Macomb, IL 61455

CDT

Equipment: Zenith 9" black & white, Zenith 12" black & white, Zenith N1310, Zenith Y1310 (all circa 1979-1982), Channel Master 1110 with CP 3800 preamp, RG-11 at 50', Channel Master 7' dish with PA 4975 preamp, .500 cable at 55', Winegard 5 element low band vertically polarized at 20'

August 1986

1 tr 2326 K42## 42 ?? TBN 16 Es 1029 KGBT 4 TX 1065	29 Es 1758 WPBT 2 FL 1175
3 Es 1900 WPBT 2 FL 1044 KRGV 5 TX 1160	WEDU 3 FL 980
4 Es 1629 KGBT 4 TX 1065 1059 KIDY 6 TX 880	unid ch4 Spanish
KIII 3 TX 960 KENS 5 TX 890	1807 XEZ 3 QR 1225
1700 XEZ 3 QR 1225 1148 KMOL 4 TX 890	1919 XHGCT 5 DF
XHZ 5 QR 1200 KACB 3 TX 840	2012 XHY 3 YU 1295
1725 XHGCT 5 DF KENW 3 NM 820	2018 KGBT 4 TX 1065
1730 XEPE 2 TM 1040 18 tr 0450 Detroit-Srnia U's 30 Es 0929 KMID 2 TX 890	1100 WEDU 3 FL 980
1732 XEPE 2 NL 1160 0529 WBGU 27 OH 360	1130 KPRC 2 TX 800
1730 unid ch 4 Mexico WUCM 19 MI	
1758 KMOL 4 TX 890 0600 W46AD 46 MI 385	
1810 KDBC 4 TX 1055 (Traverse City WCM-6)	September 1986
1844 XHAE 5 CU 1205 20 tr 0525 +WUCM 19 MI 405	12 au 0130 Strong chs 2-6
2128 unid channel 2 21 Es 1029 XEPE 2 NL 1160	13 tr 0120 Huntsville chs
(Spanish words) 1100 KGBT 4 TX 1065	19, 31, 54 455
5 Es 1500 XHRIO 2 TM 1085 22 Es 1130 XEPM 2 CH 1055	0134 WGNX 46 GA 575
1600 KMID 2 TX 890 1320 KNMZ 2 NM 890	0213 =WATL 36 GA 575
1621 WVAR 2 MD 725 1328 KCNC 4 CO 755	0320 WTAT 24 SC 800
WTKR 3 VA 810 1347 KWGN 2 CO 755	0328 WGGST 16 SC
7 Es 1210 unid ch 2 Mexico 25 tr 0141 WCYB 5 VA 525	0413 WTBS 17 GA 575
11 Es 1030 XEPM 2 CH 1055 0417 @WKPT 19 TN	0444 @WLOS 13 NC 550
1053 KNMZ 2 NM 890 0456 +WYMT 57 KY 450	0515 @WDEF 12 TN 475
1100 KNAZ 2 AZ 1180 @WJHL 11 TN 530	0520 @WATL 36 GA 575
12 ms 0255 @WCYB 5 VA 525 28 Es 1420 unid channel 2	0544 @WTVQ 9 TN 475
16 tr 0129 KSLA 12 LA 580 (Weird TP)	WJCL 22 GA
0403 KBJRT 6 WI 1529 WPBT 2 FL 1175	0553 WTGS 28 SC 780
0448 WDBB 17 AL 535 XEZ 3 QR 1225	0616 WDCO 15 GA 690
0451 WTVB 9 MS 450 1630 KATC 3 LA 725	(Wedge TP)
0600 WBMG 42 AL 575 1653 WBRZ 2 LA 705	0700 WJSU 40 AL 545
Es 0900 WPBT 2 FL 1175 1720 WESH 2 FL 950	0805 WNAL 44 AL 520
1029 KIII 3 TX 960 1829 WJXT 4 FL 865	0827 WJSP 28 GA 635
1029 KRIS 6 TX 965 WEDU 3 FL 980	0840 WCAJ 68 AL 575

Only one decent tropo opening in September, but it was a gem; getting into a part of the country I never thought would be possible from here. WTAT-24 was in for about an hour, mostly in color, but KNLC pretty much covered them up except for at one pinpoint antenna position. South Carolina is tropo state #29. WNAL-44 must be a satellite of WDRB-17. That is all they identified as on channel 44

We have yet another nonID'ing LPTV out here. This one is on channel 42 with TBN. This may be from Ottumwa, Iowa which used to have an LPTV on channel 42, but with different programming. Unless I hear otherwise, this won't be counted as a new station. 73.

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CDT

Only two items of DX were noted this reporting period. A strong auroral opening was noted at 0100 on September 12. Auroral hash was seen right through high band VHF, and the low band channels were occasionally developing recognizable video, but no ID's were made.

The other item of DX was a tropo opening to Iowa on September 26 producing KRIN-32 (395 miles) at 0930.

SOUTHERN FMDX

Danny Buntin
 1312 N. Skyline
 Stillwater, OK 74075
 DEADLINE: 10th

YOUR OLD RELIABLE SFM EDITOR IS BACK

Thanks to ex-editor Eric Bueneman for his forwarding of reports so there is plenty of material for me to get back into action as editor of SFM after nearly a year's vacation from it. Gee, all that time went by fast. The past summer had some nice, heavy Es days, with the fantastic day of June 11th still being covered. August seemed to be more active than usual for Es while July was on the busy side. Trop continues to lag with openings staying well under 400 miles. Now on to the reports. There is a marathon of them!

DON'T MISS GLEN'S LATIN DX!

Gus Mancuso, 5615 Inwood St., Cheverly, MD 20785 (301)773-3072

Equip: Technics SA-222 with European freq. allocation, hooked to Radio Shack plain rabbit ears.

Took our best receiver to my parents' place in FL this time and managed to increase totals about 40%. Bartow is just under halfway down the peninsula and is on a line between St. Pete. and Canaveral, somewhat closer to the Gulf side of the state. Constantly changing weather patterns with t-storms coming and going frequently made for many short time directional openings. Incredibly flat terrain make for easy 200 mile plus reception where station power and lack of adj. channel interference allowed. (Yes, I remember being surprised when I first saw FL topography, flatter than what I was used to in Ok. DB) Best reception was after dark, although a few stations were logged only on sunny mornings. Biggest drawback was obviously the narrowness of the state, limiting the land area to work with. Adjacent channel problems were significant although we were a good 35 miles from Tampa, mainly due to the proliferation of 100,000 watters. These monster stations with their 1000' towers seem to have the dial pretty well tied up, forcing new stations onto already over crowded freqs., such as 105.5 where at least one pair of stations are only 65 miles apart, a very short distance for flat as a board terrain. On the other hand there are several freqs. that have no FL stations, although I can easily locate an area where one could operate without adj. chan. problems. However, I guess the same could be said for many areas. (Yes, most of what you said about FL is likewise in Ok. DB) Not many stations signed off at 0900 Sun. night other than those which shut down every night (or at least every "weeknight") at midnight. This was disappointing because Monday AM is best time for DXing back in DC area. Re: aforementioned freq. crowding, have now received 5 of 9 FL on 105.5 and all except St. Augustine are within 90 miles of Bartow. Back in DC have picked up only four after years of trying! (wipe that smirk off your face, Saul.) Hope to return here in Oct. or March.

8/14 tr
 2110 WAAC 92.9 GA Valdosta
 2124 WRMF 97.9 FL Palm Beach
 2141 WMXJ 102.7 FL Pompano Beach
 2146 WLOQ 103.1 FL Winter Park
 2329 WLWV 106.3 FL Holiday
 2346 WKZM 105.5 FL Sarasota
 2347 WGLU 105.5 FL New Port Richey
 2352 WOKD 98.3 FL Arcadia
 2359 WQHL 98.1 FL Live Oak
 8/18 tr
 0127 WAlA 97.3 FL Miami
 0729 WWLV 94.5 FL Daytona Bch
 0730 WLEJ 91.5 FL New Port Richey
 0732 WVHG 92.1 FL Labelle
 0739 WOGJ 107.1 FL Lehigh Acres
 0746 WAXY 105.9 FL Fort Lauderdale

28 new plus 76 back in April brings count to 104, will send in complete list soon for Stats column. The two long range catches (Phila.+ Hartford) may have been Es. They were picked up over locals by swiveling rabbit ears to lowest gain on FL Stations, did not seem to snap in and out like typical Es. In fact each was in only once for about 5 or 6 min. each. I must confess to not knowing as much about technical aspects as most clubbers seem to. (Ok, Saul, stop snickering!) (It also takes experience perhaps more so than knowledge to distinguish tr from Es, which seems very difficult to pick up in the congested DC area. DB)

Jim Pizzi, F. C. Box 1778, Lovington, NM 88260 (505) 396-3251 MDT

7/9 Es, in car	7/12 Es
0853 WLP 94.5 KY Lexington 1080	1830 WFLA 98.3 AL Scottsboro, promo 1004
0855 KBR 92.5 KY Owensboro, cl 968	1859 WLS 96.1 GA Atlanta, 96 Rock 1098
0900 KCGQ 99.3 MO Gordonville, new cl 810	1900 WRAS 88.5 GA Atlanta, ID
7/12 Es	1901 WBCX 89.1 GA Gainesville, cl, wx 1274
1837 WSSB 105.1 AL Albertville, cl 990	cont.....

7/15 Es, in car
0850 XHVE 102.1 VER Veracruz, r, SS 1032
7/17 Es
0815 unID's 88-92, east
tr
0855 Houston, TX FMs 530
Es
1004 WNGN 98.1 WI Madison, Magic 98 1013
1032 WRVM 102.7 WI Suring, tent., g
1034 WNMU 90.1 Marquette, ID 1364
1035 WFNE 89.3 WI Green Bay, ID 1125
1038 WJJA 92.1 WI Spencer, cl 1060
1045 WJPD 92.3 MI Ispeming, wx 1215
1047 KQYB 98.3 MN Spring Grove, promo 959
1054 WDUX 92.7 WI Waupaca, promos 1058
1101 WXPB 91.7 WI Rhinelander, ID 1125
1121 WHHE 92.5 OH Toledo 1215
1123 WBTU 93.3 IN Kendallville 1143
1124 CKLW 93.9 ON Windsor, tent, oldies r
1125 WOZY 95.5 MI Detroit, ads 1260
1128 CKGL 96.7 ON Kitchender, ads 1438
1130 CJOM 88.7 ON Windsor, wx 1262
1135 WNWV 98.5 MI Coldwater, ads, EBS test
1136 WOSY 98.3 MI Houth Haven, promo, ads
1140 WHME 103.1 IN South Bend, tent., g
7/19 tr
0727 KRRG 98.1 TX Laredo, r 460
Es
1739 WXCC 96.5 WV Williamsburg, ads 1220
1744 WQJY 100.3 NC High Point, promo 1328
1749 WOMS 100.5 VA Norfolk, cl 1539
1751 WRAL 101.5 NC Raleigh, ID 1430
1753 WGBT 100.1 IN Bluffton, calls 1125
1754 WPEZ 100.3 AR Jacksonville 657
1756 unID 100.5 east, ment. "thorntonburg"
1759 WUSY 100.7 TN Cleveland, ID 1058
1835 unID 88.5, east, r, ph# 658-4488
2125 WQJB 88.9 WI Hayward, Indian mx 1071
2127 KCWC 92.1 MN Waseca 916
2131 WYRQ 92.1 MN Little Falls, nx 999
2133 KXLP 93.1 MN New Ulm, ads 900
2135 WSCK 92.9 MN Duluth, tent., j
2136 WTBX 93.9 MN Hibbing, promo 1112
7/20 Es
1733 XETRA 91.1 BCN Tijuana, 91-X 797
1737 XHCM 88.5 MGR Cuernavaca, tent 985
1740 XHZN 91.9 MIC Zamora, Estereo color, ads
1756 KIFM 98.1 CA San Diego, ads 810
1757 XHRM 92.5 BCN Tijuana 797
1758 KSDO 102.9 CA San Diego 810
1759 KJQY 103.7 " " , wx, K-Jou
1802 KGB 101.5 " " , ID
1803 KSCN 97.3 " " , k
1812 KPLC 107.1 CA Fallbrook, ads 805
1814 KLZZ 106.5 CA San Diego, EZ-106 810
1816 KUNW 92.1 CA Escondido 801
1821 KFSG 96.3 CA Los Angeles, g
1830 KSCA 88.7 CA Santa Barbara, ID 945
1840 KHTY 97.5 CA Santa Barbara 945
1842 KCAL 96.3 CA Redlands 900
1845 KDAR 98.3 CA Oxnard, ads, g 815
1847 KDB 93.7 CA Santa Barbara, c 945
1900 KCLA 99.5 CA Los Angeles, g
1902 KXLU 88.9 CA Los Angeles, calls
7/23 Es
0829 WFLN 90.3 TN Nashville, ID 968
0830 WNAZ 89.1 TN Nashville, wx
0833 WQOX 88.5 TN Memphis, X-88 784
0839 KUCA 91.3 AR Conway, wx
0840 WKQD 93.3 TN Tullahoma, ads 990

7/23 Es
0842 KHSL 96.3 AR Blytheville, wx 790
7/25 Es
1710 to 1830 most all DF and Puebla FMs
1731 XEg 92.9 DF Mexico City, L, ID 960
1815 XHRJ 92.5 MX Toluca
1816 XHNU 94.5 GRC Acapulco, c 1116
7/26 Es
0742 WBVM 90.5 FL Tampa, cl 1300
0750 WFLN 92.5 FL Key West, cl 1463
0755 WSHE 103.5 FL Ft. Lauderdale, promo 1473
0802 WAXY 105.9 FL Ft. Lauderdale, ID
(the previous 3 heard on car FM)
1118 WPRF 92.5 FL Panama City, cl 1071
1119 XHRS 93.3 VER Veracruz 1032
1123 XHRN 96.5 " " "
1126 XHVE 102.1
1127 XHPR 101.3
1232 WSCC 103.7 NC Charlotte, ads, promos 1206
1232 XEJP 93.7 DF Mexico City 960
1305 WPHK 89.7 SC Columbia, cs
1311 XHDK 94.7 JAL Guadalajara, ads, promos
1312 XEBA 97.1 " " "
1316 WFCX 97.1 GA Gainesville, cl 1125
1317 WNGC 95.5 GA Athens, cl 1148
1336 WAKW 93.3 OH Cincinnati, promos 1125
1339 WMVC 93.7 CH Mt. Vernon, 094FM 1238
1340 WBSZ 93.7 PA Pittsburgh, ads
1533 WYQC 102.9 TN Shelbyville, cl 977
1536 WGLF 104.1 FL Tallahassee, ads 1233
1539 WKA 92.3 FL Orlando K92fm 1359
1549 WSKZ 106.5 TN Chattanooga, KZ-106 1035
1555 WJST 94.5 FL Port St. Joe, ad, T94 1094
1558 WSSF 104.1 FL Cocoa Beach, Whisper 104
1559 WKTR 98.5 Crystal River, cl 1265
1707 WAPI 94.5 AL Birmingham, ads, I-95
1712 WHMA 100.5 AL Anniston, ads, promos 1013
7/27 Es
1643 WDBN 105.3 GA Macon, ads 1148
1644 WPEZ 107.9 GA Macon, ads, EZ Hits 108
1712 WREZ 103.3 AL Montgomery, cl 1004
1716 WSTH 106.1 AL Alexander City, South-106
1719 WSB 98.5 GA Atlanta, cl 1098
1725 WMOG 104.9 GA Milan, Country 105 1184
1726 WZZK 104.7 Birmingham, cl 959
1729 WSGY 100.3 GA Tifton, ads 1170
1730 WKEU 97.7 GA Griffin, Q97 1103
1733 unID 105.7 WRJM, Montgomery?? Sunny 105
1735 WHAY 105.5 MS Aberdeen, ads 855
1739 WHMA 100.5 AL Anniston, ads 1013
1740 WMJJ 96.5 AL Birmingham, Magic 96, cl
1759 WAGR 103.9 MS Columbus, tent, soul
1801 WKWX 106.7 AL Enterprise, Max 106, cl
1804 WAAC 92.9 GA Valdosta, wx, cl 1193
1805 WDJG 93.7 AL Birmingham, g 954
1812 WJST 94.5 FL Port St. Joe, promos, T094
1813 WLGA 95.9 GA Valdosta, ads 1193
1814 WLCS 96.1 FL Jacksonville, cl, Class FM
1826 WJAD 97.3 CA Bainbridge, ads 1116
1830 WDLT 98.3 AL Chickasaw, cl, 98 Light
1834 WDDJ 92.1 GA Adel, ads 1184
1835 WAFE 95.1 FL Jacksonville, cl
1839 WTTY 95.5 AL Dothan, ID 1067
7/31 Es
1959 KQED 88.5 CA San Francisco, ID 1116
8/3 Es
1956 KKHI 95.7 CA San Francisco, c 1116
on vert. ant.
2000 KYUU 99.7 " " , ID cont.

8/3 Es
2001 KHTY 97.5 CA Santa Barbara, ID 945
2003 KDDB 92.5 CA Paso Rcbles, ads 1012
2003 KJLH 102.3 CA Compton, cl, s 850
2004 KXFM 99.1 CA Santa Maria, r 990
2006 KDB 93.7 CA Santa Barbara, c 945
2008 KLFA 92.1 CA King City, SS 1035
2009 KSNI 102.5 CA Santa Maria, ads 990
2010 KRUZ 103.3 CA Santa Barbara 945
2013 KRTH 101.1 CA Los Angeles, tent. 855
2014 KHAY 100.7 CA Ventura, ads, cl 923
2015 KBAY 100.3 CA San Jose, cl 1080
2021 KIGI 101.3 CA San Francisco 1110
2022 KRAY 103.9 CA Salinas, SS
2024 KLYD 97.7 CA Shafter, ads 915
2028 KARA 105.7 CA Santa Clara 1084
2029 KLZE 97.7 CA Los Altos 1090
2029 KMZY 107.1 CA Seaside 1067
2032 KMEL 106.1 CA San Francisco, cl 1116
2035 KLOK 103.7 CA San Francisco, cl
2036 KHGB 104.1 CA Modesto 1035
2037 KOSG 93.1 CA Patterson, KO-93 1035
2046 KMYT 97.5 CA Merced, K-Might 1004
2047 KNAX 97.9 CA Fresno, full ID 959

2052 KBLX 102.9 CA Berkley, cl 1110
2058 KFTG 101.1 CA Fresno, cl 959
2101 KQJY 98.9 CA Dinuba, K-Joy 950
2103 KWAV 96.9 CA Monterey, K-Wave 1070
2104 KRQR 97.3 CA San Francisco, cl 1116
2107 KKKJ 105.9 CA Fresno, ad, cl 959
2108 KLTG 107.5 CA Hanford, r 954
2108 KJUC 106.7 CA Tulare, k 945
2109 KSCU 107.7 CA San Mateo 1105
2110 KITS 105.3 CA San Francisco, cl 1116
2113 KYBB 100.9 CA Tracy, B-100
2115 KYNG 95.7 CA 959
2121 KSLY 96.1 CA San Luis Obispo, ads, S1996
2124 KLOI 107.1 CA Grover City, ads 1000
2126 KFYE 93.7 CA Fresno 959
2129 KIQQ 104.5 CA Atascadero 1008
2130 KFUG 104.5 CA San Francisco 1116
2145 KTWI 92.1 CA Bakersfield, c 910
2146 KCFM 101.5 CA " " , b
2147 KJSV 91.5 CA Fresno 459
2153 KCBX 90.1 CA San Luis Obispo, reggae mx
2154 KZOO 93.1 CA San Luis Obispo 1004
2156 KCFR 91.3 CA " " , tent.

Lots of Es for this report period. A couple of long awaited openings to CA. Looking to relocate back to CA as job advancement has stopped here due to oil crunch. Anyone interested in a hot DX spot for \$80,000(4 bdrm, 2100 sq ft. house on 2 1/2 acres included) (Many people must wonder if the tower farm comes with the deal. DB) 73's till next report.

Glenn. Hauser, Box 490756, Fort Lauderdale, FL 33349 (all times and dates UTC)

It's hard for me to find the time to DX, let alone keep up with reports for publication, so I hope you'll find interesting this compilation condensed into my DX LISTENING DIGEST format, skipping all merely domestic FM DX, and including a few opening-relevant TV catches.

COLOMBIA I used to be a very active FM-DXer, especially 13-14 years ago when I was in Von Ormy TX. Sporadic E DX is much more exciting than ordinary SW DX since it's either totally in or totally out, usually the latter, and is not very predictable; to get the most out of it, one must be prepared to surrender oneself to nonstop DXing when the skip is in. For about a decade, thanks to a crummy location in Knoxville TN, and for the past two years in FL where I have deliberately refrained from purchasing an external VHF antenna, I have managed to avoid much VHF DX activity, giving me time for such things as publishing two SW-oriented magazines, broadcasts, etc. But in late July a severe geomagnetic disturbance set off some terrific Es openings for many hours a day several days in a row. Using only the supplied indoor dipole (which I quickly mounted on my rotatable MW frame loop antenna) I let myself get hooked into some FM DXing, since a lot of it was coming from Latin America; a lot of countries are within single-hop range from South Florida, one of the reasons I moved here, unlike any other part of CONUS. Even the Atlantic coast of Colombia is only about 1100 mi away, a prime Es skip distance, and one of the stations early in the opening was therefrom, my first SAm FM DX. (It turned out that not a single other SAm stn would be logged in the next few days, just several countries in Central Am, Mexico and the Caribbean, plus lots of US states.) 25/7 at 1342 UTC I found Es from Spanish stns on 92.1 and 89.1, a few minutes later on 88.5 and 96.1, but I stuck with 92.1 which was the first to cut from mx to anmts at 1347--adstring including one for "Máximo" at Calle 77, Carrera 74 esquina; Jabón Rexona; Cristalería Selman, Calle 70...something selling camisas y pantalones... "en la ciudad de Barranquilla" and also adds in Paseo Bolívar and San Blas; Super Calzado, Centro Comercial Acuario at Carrera 43, 59 esquina, and at 1350 jingle ID as "Me gusta más [etc.], Radio Olímpica Estéreo" Actually it sounded more like "Límpic" between quick fades, but this correlates with the 1340 MW stn listed for Barranquilla in WRTH 86 (which is useless for FM itself--you'd never know it existed in IAm) By 5 mins later the opening was concentrating on Nicaragua; and Honduras, another 92.1 stn (gh) Very nice of Miami's Latin stn WCMQ to have moved from 92.1 to 92.3 several months ago (gh)

David Gleason, PR, helps out with some info on my FM DX. 92.1 is Radio Olímpica, HJWJ, 9.5 kW, Barranquilla, address Calle 72 No. 48-37. Co-owned with R Tiempo, 96.1, which he sells mx svc to. 89.1 is Caracol Estéreo, Barranquilla, 11 kW HJFT. 88.5 is Cartagena, Indias Estéreo HJLL with 1.4 kW. He keeps up with IAm FM development, counting 975 FMs outside of Brazil (gh)

EL SALVADOR Previously reported several stns hrd by groundwave while in Guatemala; now some by Es hrd in Florida! 25/7 1505 UTC on 98.5 PSA about 'gracias, soldados salvadoreños', \$, 9:05 TC en "su cadena Cuscatlán, la onda de la juventud, Radio Cuscatlán," live DJ, Boy George mx; 1512 another ID in passing from DJ named Falco. Also logging various Nicaraguans, Hondurans, Guatemalans, Mexicans, and then again at 1546 tear-jerker, Cadena Cuscatlán to xmit from CR on domingo. By 1730 I was mostly getting Pennsylvania & W Virginia stns, but at 1731 98.5 was back w/ID, Óptica Salvadoreña ad, sports, and at 1736 still the only CAm stn being hrd. I later had a letter from World of Radio listener Jesús Humberto Molina Melara, who is in the Depto de Cuscatlán, at San Bartolomé Perulapía and on 25/7 betw 16 & 17 UTC hrd various US FM stns, incl "Personal Friend" on 108 MHz, and Ft Lauderdale on 105.9 -- ID sounded like "XC FM"--that was of course WAXY pronounced as a word Waxeey--a nice proof of reciprocal path opening! At 1606 on 94.5 hrd ad mentg Zona Rosa, which may have been CCI from Mexico City, but then ad in colonos, mentg Teatro Nacional, Santa Tecla, Sonsonate--which stn is this? (gh)

Matt Sittel, 220 Brookfield Dr., Kingsport, TN 37663 (615)239-9186 EDT
 Equipt: NEW-Sony STR-AV 340 tuner, GE 7-4875A clock radio, CM 1160 Quantum Antenna at
 34' AGL/1453' A.S.L.

August 1986

5 Es	1818	WEZF	92.9	VT	743	1953	KRAV	96.5	OK	747	
	1819	WNTQ	93.1	NY	567	1957	KRPT	103.7	OK	891	
	1820	ur ID	93.5	r		2001	KQTZ	105.9	OK	941	
	1821	WKXZ	93.9	NY	563	2003	KISR	93.7	AR	678	
	1821	unID	94.1			2007	KSCB	107.5	KS	1024	
	1821	WYYY	94.5	NY	567	2008	KDLZ	107.5	TX	887	
	1821	CFLX	95.5	PQ	834	2106	KNFO	95.5	TX	936	
	1821	unID	99.7			2138	KNIN	92.9	TX	936	
	1823	CFGL	105.7	PQ	784	2138	KSAQ	96.1	TX	1053	
	1823	WPYX	106.5	NY	634	2139	KAJA	97.3	TX	1053	
	1826	WLWY	94.3	NY	497	2140	KLLS	100.3	TX	1053	
	1829	CBV	95.3	PQ	927	10 Tr	1846	WHAJ	104.5	WV	95
	1830	CJFM	95.9	PQ	783	12 MS	0016	unID	92.9	m or ez	
	1834	CBF-10	101.1	PQ	834		0034	WBBM	96.3	IL	471
	1835	CJRT	91.1	ON	526	13 Tr	1102	WMUJ	94.5	SC	113
	1835	WQNY	103.7	NY	527		1141	WRDU	106.1	NC	267
	1836	WKPQ	105.3	NY	486		1150	WANS	107.3	SC	128
	1838	CBF	100.7	PQ	783		1201	WSEZ	93.1	NC	130
	1840	CIBL	104.5	PQ	783		1205	WXLK	92.3	VA	158
	1841	CIFE-1	102.7	PQ	834		1214	WMAA	90.1	NC	130
	1841	WMHR	102.9	NY	567		1216	WFDD	88.5	NC	159
	1842	CHOM	97.7	PQ	783	GW	1232	WSWV	105.5	VA	44
	1844	WEZG	100.9	NY	581	16 Tr	1114	WSM	95.5	TN	246
	1911	KILO	93.9	CO	1230	21 Tr	1538	WZEE	92.9	TN	246
	1911	KSPZ	92.9	CO	1230		1538	WKTG	93.9	KY	282
	1911	KKFM	96.5	CO	1230	28 Es	1646	KITY	92.9	TX	1053
	1913	unID	92.5	cj			1651	KSAQ	96.1	TX	1053
	1914	KEZU	94.5	KS	1019		1653	KAJA	97.3	TX	1053
	1916	KJCK	94.5	KS	808		1653	KLLS	100.3	TX	1053
	1917	KRXL	94.5	MO	608		1653	KZFM	95.5	TX	1055
	1918	KDCK	95.5	KS	970		1656	KGKL	97.5	TX	1170
	1918	KZZC	98.9	KS	711		1657	KZEP	104.5	TX	1053
	1919	KWKR	99.9	KS	1044	29 Es	1946	KZFM	95.5	TX	1055
	1922	KQLS	100.3	KS	1033		1949	KITY	92.9	TX	1053
	1923	KJCO	100.9	CO	1127		1950	KRYS	99.1	TX	1055
	1923	KVUU	99.9	CO	1241		1952	KSTE	93.9	TX	1055
	1923	KSPK	102.3	CO	1232		1953	KSTX	89.1	TX	1053
	1924	KJLS	173.3	KS	936	30 Es	1102	KGZV	88.1	TX	1088
	1924	KNAB	104.1	CO	1025		1107	KNFM	92.3	TX	1174
	1924	KRLN	103.9	CO	1254		1108	KTXE	93.9	TX	1170
	1925	KZMC	105.3	NE	1016		1115	KBEL	92.9	TX	1170
	1925	KMXX	105.5	CO	1152		1143	KTXT	88.1	TX	1116
	1925	KQKY	105.9	NE	943	Tr	1302	WSM	95.5	TN	246
	1925	KAZY	106.7	CO	1242		1303	WZEE	92.9	TN	246
	1925	KRXY	107.5	CO	1242						
	1926	KSYZ	107.7	NE	912						
	1927	KMCX	106.5	NE	1085						
	1937	KONT	88.1	NE	906						
	1937	KGNU	88.5	CO	1262						
	1937	KCSC	90.1	OK	837						
	1937	KRVN	93.1	NE	955						
	1937	KYEZ	93.7	KS	832						
	1938	KMCS	93.9	KS	970						
	1939	KNFB	94.3	OK	736						
	1939	KEBC	94.7	OK	837						
	1939	KXXY	96.1	OK	837						
	1941	KECO	96.5	OK	953						
	1942	KBXR	97.3	OK	914						
	1942	KRLG	98.1	OK	909						
	1943	KZBS	98.9	OK	837						
	1943	unID	100.3	k							
	1948	KJYO	102.7	OK	837						
	1949	KOFM	104.1	OK	837						
	1951	KKNG	92.5	OK	837						



September 1986

13 Tr	0836	WNKS	102.9	GA	313
	2257	WMBW	88.3	TN	186
	2259	WZEE	92.9	TN	246
	2301	WDOD	96.5	TN	186
	2304	WUSY	100.7	TN	166
	2306	WSXZ	106.5	TN	186
	2307	WKZL	107.5	NC	130
	2342	WTQR	104.1	NC	130
	2359	unID	88.7	??	CDT
29 Tr	0651	WZGC	92.9	GA	216
			(first logging on STR-AV 340)		
	1550	WHLZ	92.5	SC	246

Greetings to all DXers. As you can see, FM E-skip is gone, but tropo are not. Only logged 1 Columbus FM on the 13th. 29th was interesting. Car radio caught WHLZ surpris-ly. 92.5 has WESC on it, very strong here. No sign of Columbia, SC though. The Sony does well on everyday FM's but great on tropo. One problem is: my clock radio acts like an appliance is bothering it. No stations can be received on 92.1 or 92.3. On the Sony it's 92.5 and 88.5. What causes it? Is anything really mean to stereos like that but only on selected frequencies?

I didn't underline all stations on 8-5, as all but KRVN, KXXY and the Texas ones except KDIZ were new, and KISR was not new either. Unfortunately, tape problems made recording the 5th opening bad, and sounds awful. Also caught my first northern opening, too. While on the phone with a friend 3 miles away, we had different stations for awhile. I had KSCB in KS while he had KDSZ in TX. The TX Es on the 5th came in, while the MUF was only ch 4. KNFM was on 92.5 on the 30th. Caught off guard on 28th, did not check tv, had no FM Atlas in car. (Do most DXers carry them in car for emergencies such as this?) (I only carry mine in my car when I go out of town. DB) I thought I had Atlanta when I heard "Power 93" but forgot about KITY.

Now, I would like to announce that the "Bumper Sticker Trading Post" is under planning by none other than me. Many DXers have expressed interest in it, so I am going to hopefully get it going. What I have planned is this: The DXer will send in 10 of his local station's bumper stickers along with \$1 to cover postage. In return, 10 bumper stickers, all different, will be returned, along with promotional info if received. At first, I suggest that no money be sent in. At first, just send in the stickers. If you have more than 1 set of 10 you would like to send in and not receive any in return, or send in 2 sets but only want 1 sent back would be fine. Really, it means if you can send in many of them, or donating, really please do. With the help of all DXers, you can get an assortment of bumper stickers from all across the USA, and you Canadians are welcome, too, as to make a REAL assortment). Also, tell your non-DXer friends who collect them to send in, too. Maybe it can be a huge thing. So, by the time you are reading this, I will be ready for them, so send them in. If you have comments, suggestions, etc., let me know. Also I hope to make a 90 minute tape full of ID's of all sorts, which I hope to have ready for sale or trade by the time this is read. I'd be interested in hearing other DXer tapes, too. Already I have heard tapes of ID's from Dave Nieman and John Sullivan. Thanks a lot they were great. Hope to hear from you DXers out there, so I can get the bumper sticker trading post going and growing....73's. (And I still have TVG's to get rid of.)

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

EDT

Equipt: Fortavision 55

6/9 tr
 0755 WSVS 104.7 VA Crewe, k
 6/10 tr
 0755 WCWI 102.9 VA Norfolk
 6/19 tr
 0753 WNNN 101.7 NJ Canton, g
 7/20 tr
 0920 WXRI 105.3 VA Portsmouth

8/1 tr
 0810 WRAR 105.5 VA Tappahannock
 0848 WCTD 107.1 MD Federalburg
 0806 WESR 103.3 VA Crancock

8/8 tr
 0849 WCAU 98.1 PA Philadelphia
 traffic rpt. on NJ 70

John B. Mannel, 819 Center St., #232, Ruston, LA 71270

Hi, I'm a former member of WTFDA from about 10 years ago; guess the itch hit me again and I rejoined. I am attending Louisiana Tech University and majoring in electrical Engineering Technology and living in Ruston, LA, about 70 mi. east of Shreveport. Equipment hasn't changed much in 10 years, although I did purchase a Proton 300 receiver advertised as "The Radio" Really can't say it's "The Radio" for FM DXing, but it has an IHF sensitivity rating of 1.0 microvolt (@ 300 ohm input). I like the digital readout and ability to tune in between channels, i.e. continuous, also have a Pioneer SX-1050 receiver (1977) but don't use it for DXing because the ganged tuning capacitor is gone. Guess one thing manufacturers of hi-fi equipment don't think about is all the dial turning DXers do! (Maybe they were in 1974 when I bought my Pioneer TX-9100 that still works fine. DB) Have a small double-driven FM antenna from Radio Shack mounted in the attic of my apartment, (had one on roof but manager made me take it down) pointed due west towards Dallas. Only good catch I've made here is reception of my first translator, 96.7 Texarkana, TX, 115 mi. Main station 101.7 KXAR Hope, AR. (Rest of report consisted of local news and forwarded to Bruce Elving. DB)

Eric Bueneman, 836 Lamplight Lane, Hazelwood, MO 63042

8/18 tr (from Lincolnshire, IL vaction)
 2133 WNZE 94.3 IN Plymouth 105
 2134 WJFM 92.7 MI Grand Rapids 140
 2137 WDCW 92.1 MI Dowagiac 105
 2140 WVPE 88.1 IN Elkhart 120
 8/18 tr
 2145 WCKK 105.7 MI Grand Rapids 145
 2147 WVCY 107.7 WI Milwaukee 70
 (Between WGGI 107.5 and WAUR 107.9)

Keith Fugh, 227 Martin St., New Hope, AL 35760

Squipt: J. C. Penny #3921 portable, Archer 18db amp, Archer 6 el. at 30' AGL

6/7 Es			
1145	KUWH	91.9 WY	1130
1153	KNKB	94.1 NE	1060
1206	KRQU	102.9 WY	1130
6/8 Es			
1024	KKLS	93.9 SD	
1045	KRCG	93.1 SD	1140
1048	KSDZ	95.5 NE	998
1227	KFKB	95.7 CO	1075
1233	KHHH	94.7 CO	1085
1239	KBCO	97.3 CO	1085
6/10 Es			
1141	WFCR	88.5 MA	920
1143	WOKQ	97.5 NH	1015
1144	WHE	97.3 PA	640
1152	WBDC	92.3 ME	1082
1157	WHMP	99.3 MA	910
1158	WSSH	99.5 MA	968
1159	WJJB	97.7 NY	820
1200	WJNH	91.3 NH	995
1201	WROW	95.5 NY	875
1203	WCTY	92.1 PA	649
1215	WRKS	98.7 NY	790
1218	WNUA	91.1 MA	920
1534	KAMZ	93.1 TX	1160
1838	WQFS	99.9 FL	676
1940	JBC	91.1 Jamaica	?
1855	KTNT	93.5 NM	1030
1908	JBC	97.3 Jamaica	
1917	unID	91.3 "stereo Hoya"	
2129	KUNM	90.1 NM	1160
2136	KRWG	90.7 NM	1165
2159	KBNL	89.9 TX	890
2228	KQXT	101.9 TX	765
2230	KPEZ	102.3 TX	710
2233	KSAQ	96.1 TX	765
2236	KTFM	102.7 TX	765
2251	KOCV	103.1 TX	718
2301	KGNZ	88.1 TX	780
2303	KCGV	91.3 TX	935
2305	KATX	97.3 TX	870
2309	KMML	98.7 TX	875
2319	KRZA	88.7 CL	1110
2329	KMLQ	91.5 NM	1160
2332	KNKQ	105.9 NM	1085
2341	KET	94.1 NL	
6/11 Es, cont.			
0003	XHXL	91.7 NL	
0013	XHRK	95.7 NL	
0049	KRKE	94.1 NM	1160
0050	KNYN	95.5 NM	1085
0108	KQIZ	93.1 TX	875
0904	XHRS	93.3 VER, tent.	
0906	XHRN	96.5 VER	
0918	XHRF	101.3 VER, tent	
0923	XHFB	99.7 VER	
1000	KWVJ	103.3 TX	925
1009	KFJH	94.3 TX	970
1015	KBNA	97.5 TX	1160
1039	KKTC	103.9 TX	910
1045	KBFY	104.1 TX	900
1056	KSCX	101.7 TX	860
1057	KVLY	107.9 TX, ex tr	900
1100	KRLX	99.5 TX	880
1104	KELT	94.5 TX	870
1112	KZEW	107.9 TX	730
1131	KIWW	96.1 TX	870
1154	KLJN	92.3 TX	930
6/11 Es			
1200	KGAR	106.3 TX	885
1206	KUHF	88.7 TX	620
1208	KOYE	94.9 TX	895
1221	KROB	99.9 TX	810
1226	KITY	92.9 TX	765
1228	KEXL	106.7 NE	780
1240	KHOK	100.7 KS	740
1244	KTNR	92.1 TX	760
1254	KAJA	97.3 TX	765
1300	KTSD	91.1 SD	950
1301	KCFR	88.5 TX	900
1302	NAZI	88.7 TX	700
1307	KMIT	105.9 SD	895
1321	KCGN	101.5 NM	920
1323	KZZY	103.5 ND	1130
1324	KMCA	106.5 MN	1020
1328	KBRF	103.3 MN	980
1336	KBJU	107.1 MN	855
1339	KRYA	88.5 ND	1200
1345	KDCM	94.3 MN	800
1400	KBQQ	99.9 ND	1210
1521	KGCR	99.9 NE	700
1539	WHCV	88.3 VA	580
1544	WFOG	90.3 VA	560
1551	WBRJ	97.3 VA, prev. ms	570
1554	WCCQ	103.9 MD	640
1559	WKHI	99.9 MD	650
1603	WOLC	102.5 MD	629
1608	WCCO	97.5 MD	630
1610	WAFI	97.7 DE	660
1611	WSEA	93.5 DE	659
1617	WAYV	95.1 NJ	710
1622	WDSD	94.7 DE	661
1630	WBQR	100.9 ON, tent.	
1636	CKWK	103.1 EB	1230
1700	CKX	96.1 MB	1261
1717	KHHT	97.1 MD	1210
1723	KBTC	101.9 ND	1220
1726	KIZZ	93.7 ND	1210
1730	KHFR	88.9 NE	1210
1745	KMTP	91.9 ND	1085
1746	KTKQ	92.1 SA	1415
1759	KVY	96.1 ND	1280
1800	KGCH	93.1 MT	1300
1807	KDSB	101.1 ND	1280
1840	KLLI	96.3 TX	880
1901	KXTT	86.1 TX	880
1910	KXYV	96.1 OK	875
1916	KBYU	94.1 TX	875
2030	f/out		
6/12 Es			
0936	KLYT	88.3 NM	1160
6/14 Es			
0900	KRTZ	98.7 CO	1240
0906	KRZA	88.7 CO	1110
0917	KRST	92.3 NY	1160
0938	KLYT	88.3 NM	1160
6/15 Es			
1154	KSDN	94.1 SD	1120
1155	KYYV	92.9 ND	1165
1157	KNHA	91.3 NE	1240
1159	KGND	90.5 ND	1165
1200	KESD	88.3 SD	915
1209	KYYZ	96.1 NE	1280
1215	KRYA	88.5 ND	1200
1246	KMCM	92.5 MT	1300
cont.....			

6/15 Es			
1318	KIKG	101.3 MT	1310
1721	WAYU	93.9 ME	1095
1726	WLKN	99.3 ME	1205
1727	WMMR	96.3 ME	1070
1734	WHOM	94.7 NH	1025
1735	WDBX	98.5 ME	1096
1738	WHCG	94.3 VT	900
1739	WCVN	100.9 VT	949
1740	WCVR	102.3 VT	949
1748	WZPF	92.9 VT	960
1750	WCGY	93.7 MA	959
1800	WMLR	91.5 VT	1019
6/17 Es			
1148	KRCG	93.1 SD	1140
1154	KKLS	93.9 SD	1120
6/18 tr			
1050	WFGA	100.9 GA	207
1056	WBYZ	94.5 GA	292
1106	WUFP	92.1 GA	245
1144	KTXR	101.5 MO	425
1158	KCFX	100.7 MO	500
1212	KRZA	107.9 AR	450
6/25 Es			
1542	KNEB	94.1 NE	1060
6/28 tr			
2001	WLTR	91.3 SC	307
2041	WSSL	100.5 SC	240
6/29 tr (while WAHR off)			
1109	WAYS	99.1 GA	197
1124	KTMO	98.9 MO	238
1205	WFMQ	99.1 MS	317
1214	WSWC	99.1 MS	237
ms			
1222	WMYX	99.1 WI, calls	585
7/7 Es			
1127	JBC	91.1 JAM	
1136	WINZ	94.9 FL	710
1136	WIVE	93.9 FL	710
1139	WRMF	97.9 FL	665
1144	WIRK	107.9 FL	660

7/7 Es			
1145	WMXJ	102.7 FL	700
1147	WAXY	105.9 FL	710
1148	WALA	97.3 FL	709
1152	WJNY	94.3 FL	660
1154	WLRN	91.3 FL	709
1157	WLYF	101.5 FL	709
1158	WKGR	98.7 FL	619
1200	WCXL	101.7 FL	610
1207	WKFX	88.5 FL, tent., (ph #748-2828)	
7/9 Es			
0948	KRYN	95.5 NM	1085
0950	KRZA	88.7 CO	1110
0958	KRCB	99.9 TX	810
1047	KAMZ	93.1 TX	1160
1049	KTEP	88.5 TX	1160
1050	KEZB	93.9 TX	"
1100	KLTO	94.7 TX	"
1141	KLYT	88.3 NM	"
1152	KRKE	94.1 NM	"
1158	KRST	92.3 NM	"
7/10 Es			
0855	WJYJ	94.3 ME	1035
0858	WZBC	90.3 MA	969
0904	WHRB	95.3 MA	970
0905	CJLS1	93.5 NS	1280+
0910	WSCI	101.3 CT	875
0913	WCRB	102.5 MA, prev. ms	980
0921	WMGX	93.1 ME	1060
0930	WHCF	88.5 ME	1160
0937	CIOO	100.1 NS	1310
tr			
0942	WRJT	107.1 TN	130
Es			
0943	WFAT	93.1 NJ	788
0948	WJLK	94.3 NJ	735
0950	WTCN	90.5 MA	925
1029	CKHJ	93.1 NB	1280
7/12 Es			
1851	KEZB	93.9 TX	1160
1852	KAMZ	93.1 TX	1160

A number of great Es openings this season. June 11 was outstanding! June 10 wasn't bad considering it extended into the morning hours of the 11th. As I see it, this has been an above average season, at least compared to the last 3 seasons, but that covers my whole DXing experience. So I don't know what should be an average season, really. Whatever, I'll take it! Hope all had an above average skip season. 73s. EDITOR'S NOTE: Keith also discusses the DX, some of it super that the ex-editor failed to print.: In Nov. '85 I had a few days with minor trop, added 13 new, then in Dec. I had some luck with meteor scatter, 5 new. Dec. 20th '85 gave an Es opening to TX and MX, only 2 new. Then I had luck with weak trop through the rest of the winter with around 17 new from Dec. '85-Feb 16th, '86. And the best tropo ever for me took place Feb 18-21. 31 new with that trop event and new record trop--KVLY Edinburg, TX 107.9 at 900 miles on Feb. 19th and on Feb. 20 XHAAA 93.1 Raynosa at 925 mi. (How disgusting that the ex-SFM editor has caused us to be kept in the dark until now of such a notable tr event even if it was simply because his station management sent back some reports. DB) From then on till May 1 DX was dead with only a few relogs. E-skip opened here full swing on May 10th and stayed very active most of the summer.

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20815

Stations logged and reported from our cottage at Fair Haven Cliffs, MD overlooking the Herring & Chesapeake Bays 15 mi. below Annapolis, MD. All tr except first logging.

8/11 ms			
0835	WJIS	88.1 FL Bradenton, g	1035
8/13 tr			
1255	WRVS	90.7 NC Elizabeth City	170
8/14			
1112	WRBE	107.9 NC Westport, r, ads	250
2345	WRRU	88.7 NY Hempstead	210
"The Long Island Sound"			
8/15			
0116	WNWK	105.9 NJ Newark, ads	180
0201	WHTZ	100.3 NJ Newark, contest prizes, ads, NYC wx	180
8/17			
0550	WNCT	107.9 NC Greenville, Fighting it out with WRBE. WFSI off with apparent transmitter trouble. Beautiful music 230	

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075 CST
 Equipt: Cnkyo T-9090, Channelmaster 4408 up 20 ft., RG6 coax used, not RG8

8/5 Es			
1848 WBBA	107.3	OH Elyria, B107	910
1853 WKTX	96.7	FA Mercer	
1856 WRKZ	106.7	FA Hershey, Z107	
1900 WNCT	107.9	NC Greenville	1130
1900 WDBA	107.3	PA DuBois	1115
1914 WWCX	105.7	NC Columbia	
1915 WDOG	105.1	NC Durham	
1916 WXRI	105.3	VA Norfolk	1110
1917 WBCY	107.9	NC Charlotte	940
1919 WSFL	106.5	NC New Bern	1125
1931 WBBF	95.7	NY Olean	1100
1953 WBTU	93.3	IN Kendall-Ft. Wayne	800
2000 WLSY	98.3	MI South Haven, ad	
8/12 Es			
0859 KVAZ	91.5	OK Henryetta, g, ID	80
8/14 Es			
1941 KBOG	99.3	OK Cordell, k, \$	125
2002 KNYD	90.5	OK Broken Arrow, g, \$	75
8/17 tr			
2112 KAPM	97.7	OK Durant	155

For all the trouble the heavy rains caused during late Sept.-early Oct., little good came out of it like long haul trop. It rained over 12 inches here in a week with hardest hit places getting kinda close to the OK annual average of 32 in. Here in the county catastrophic flooding happened along the Cimmaron River with all 11 bridges across it closed for a time. Three huge ones were destroyed. It flooded here in town, too, but with little destruction since the local flood plains are mostly undeveloped. Two nights after the rains ended it was interesting how the signal levels from several of the Tulsa stations nearly doubled in strength.

I now have all the DX reports received printed, though Pat Dyer's report may have to continue next month as things are about to get out of hand this month. If you had a report that didn't get in you're welcome to try again to send one in. Many thanks again to Eric Bueneman for kindly forwarding to me the many reports he had been holding, helping to get my return to SFM off to a more than plentiful start. 73.

Fat Dyer, 5315 Silvertip Dr, San Antonio, TX 78228
 Equipt: Realistic TM-1001 tuner into Allied 425, Archer 6-e. beam at 20' with rotor, 370ASL

3/23 tr			
0200 KPCB	102.3	TX Rockport, ID	135
4/1 tr			
2315 XBT t	94.1	NL Monterrey	275
2330 XHJdt	98.9	NL Monterrey	275
4/2 tr			
0100 KTIZ	96.9	LA Alexandria, ID	385
0122 KTDY	99.9	LA Lafayette, ID	395
0133 WCKW	92.3	LA Laplace, ads	495
0310 KMYD	92.1	TX Seabrook, ID	210
4/7 tr			
2210 WNFM	92.3	TX Midland, ID, k	280
2211 KODM	97.9	TX Odessa, ad	275
2222 KWES	102.1	TX Monahans, ID	295
2247 WCKW	92.3	LA Laplace, ads, r	495
4/8 tr			
0027 KBIM	94.9	NM Roswell, ID	440
0047 KXTX	88.1	TX Lubbock, ID, j	340
0059 KUFO	104.7	TX Lamesa, ID	300
0123 KZOR	94.1	NM Hobbs, ad	360
0146 WRKF	89.3	LA Baton Rouge, ID	450
0159 WNMF	88.5	FL Tampa, ID, r	985
0208 WYNK	101.5	LA Baton Rouge, ID, k	450
0242 WKSJ	94.9	AL Mobile, ID, k	630
0244 WONO	89.9	LA New Orleans, ID	510
0250 WPAP	92.5	FL Panama City, ID, k	785
0259 WUFT	89.1	FL Gainesville, ID, j	975
0325 KTDY	99.9	LA Lafayette, ID	395
0431 WKES	101.5	FL St. Petersburg, ID, c	
0459 WFSU	91.5	FL Tallahassee, ID c	855

4/25 Es			
1104 WKPX	88.5	FL Sunrise	1145
1106 WMCut	98.7	FL Miami, g	1150
1108 WRMB	89.3	FL Boynton Beach, wx, ID	
1110 WSWN	93.5	FL Belle Glade, ads	1110
1122 WOVV	95.5	FL Fort Pierce, ID	1115
1124 WGYL	93.5	FL Vero Beach, ads	1110
1129 WMNF	88.5	FL Tampa, ID	985
1136 WYNF	94.9	FL Tampa, ads	985
1154 f/outs			
1450 WTEB	89.5	NC New Bern	1305
1515 WXLkt	92.3	VA Roanoke, r	1195
1520 WKSI	98.7	NC Greensboro, ad	1175
1522 WLvk	96.9	NC Statesville, k-97, k	1110
WFGC	97.9	NC Concord, ID	1120
1523 WQDR	94.7	NC Raleigh	1230
1524 WESC	92.5	SC Greenville, ID	1010
1528 WWTI	94.5	NC Eden, ads	1180
1529 WFDL	88.5	NC Winston-Salem	1150
1531 WRVQ	94.5	VA Richmond, ads	1325
1543 WRVL	88.3	VA Lynchburg, ID	1235
1553 WFSS	89.1	NC Fayetteville, NC wx	
1557 WSHA	88.9	NC Raleigh, NC nx	1230
1605 WRNST	95.1	NC Kinston, k	1275
1610 f/outs			
4/30 Es			
0910-0913 unID	89.7	ne	
5/5 Es			
0849 WINZ	94.9	FL Miami Beach, ad	1150
0855 WFLN	92.5	FL Key West, wx	1090
0859 WMCU	89.7	FL Miami, g, ID	1150
0910 WCMQ	92.3	FL Hialeah, Sp., ads	1150
0916 WMNFt	88.5	FL Tampa, j	985
0947 f/outs			
5/7 tr			
0035 WCKW	92.3	LA Laplace, ads	495
0059 KDAQ	89.9	LA Shreveport, ID	350
0144 KRNG	92.5	OK Oklahoma City, m, ID	
0157 KEBC	94.7	OK Oklahoma City, k, ID	
0202 KZBS	98.9	OK Oklahoma City, r, ID	420
0217 KDNT	94.5	TX Gainesville, ads	300
Es			
0950-0957 unIDs	88-92.3	ne	
5/9 tr			
0011 WCKwt	92.3	LA Laplace	495
0021 KRKft	89.3	LA Baton Rouge	450
5/10 Es			
0922 WVIC	94.9	MI E. Lansing, ad	1195
0926 WDDT	96.5	OH Akron, r	1240
0930 WQOD	93.3	OH Youngstown, ID	1275
0931 WPRO	99.1	OH Fremont, ID	1190
0933 WGNR	88.9	MI Grand Rapids, ID	1175
0937 WJMK	104.3	IL Chicago, ad	1045
0940 WMSU	106.9	MI Muskegon, "107-MUS"	1190
unID	107.9	MUF	
0944 WHSB	107.7	MI Alpena, ad	1355
0946 WMHE	92.3	OH Toledo, ID	1190
0949 WCAI	92.3	MI Detroit, ID	1225
0951 WLLZ	98.7	MI Detroit, ID	
0955 WBJC	94.7	MI Birmingham, ad	1235
WCSB	94.5	OH Fort Clinton, ad	1200
0956 unID	93.5	CAN	
1000 CJFI	99.9	ON Sarnia, ID	
1004 WRZ	107.9	MI Flint, Cars-108	1240
1014 WDEY	103.1	MI Lapeer, ad	1260
1017 WTCV	97.7	MI Sandusky, WMIC AM ID	1250
1025 KRQK	94.5	WY Casper, ID	1015
1030 KFBB	97.9	WY Cheyenne, Q-98	875
1104 KYOU	92.5	CO Greeley, ID	830
1133 KQPI	99.1	ID Idaho Falls, ad	1215

TO BE CONTINUED NEXT MONTH.....

NORTHERN FM-DX

Joseph Fela
150 Robert Place
So. Plainfield, N.J. 07080
1-201-755-3852

NORTHERN FM DX

NOVEMBER 1986

NOVEMBER 1986

Deadline: 8th of the month

Band conditions from mid-August thru most of September could best be described as winter-like. Even mild tropo was absent on many dates during this period. However, a rare September skip opening on the 24th did provide a few loggings for some of us. At least five DXers did get in on this opening, but all noted it after it was peaking out. Does anyone know when it started?

FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS

(Continued from last issue...)

JUNE 1986
11 Es from FARGO, NORTH DAKOTA (CDT)
1917 KACT 105.5 TX Andrews, k,wx,"Country KACT". Wheee...I had WACT here earlier
1921 KISJ 104.1 TX Brownwood, "Stereo 104.1, KISS-FM", ads, Central TX wx.
1929 KORQ 100.7 TX Abilene, temp "at KORQ"
1942 KBAT 93.3 TX Midland, "ROCK 93 KBAT"
1945 KJKY 94.9 AZ Tucson. Perfect ID!
GW
1950 KJKJ 107.5 ND Grand Forks, now r, and "KJ-108"

Es
2010 KLCY 94.1 UT Salt Lake City "KLCY" and SLC ad
2015 KLPX 96.1 AZ Tucson, "Tucson's only rock and roll station"
2025 KIKO 100.3 AZ Globe, ID after song, r, still mono.
2032 KOOL 94.5 AZ Phoenix, SID
2038 KNIX 102.5 AZ Tempe, ID before song
2039 KMLE 107.9 AZ Chandler, promo, g
2046 KZZP 104.7 AZ Mesa, ID between songs
2053 KJMB 100.3 CA Blythe, snuck in an ID thru dominant KIKO; consider best CA bet from Macomb, too.
2103 XHBA 104.1 MEX/BCN Mexicali, c format, in SS, mention Mexico
2109 KQEZ 103.9 AZ Coolidge, calls after ad
2111 KSLX 100.7 AZ Scottsdale, CLASSIC 100 History or Rock & Roll
2117 KKF 92.3 AZ Glendale, "FIRE" station promo, r
2123 FINALLY start heading for Grand Forks

Final Tally - 80 Es signals Ibed (72 at 100.1 or higher), 18 states logged plus Mexico

JUNE 15th at BRANDON, MANITOBA (CDT)

Es
Low 50s and rainy, not Es weather!
1513 WDHP 96.9 ME Presque Isle, "The hottest hits...on 96.9 WDHP".
Nothing else on TV or FM!

DAVE NIEMAN - AKRON, NEW YORK - 14001-9529

Equipment: Carver TX-11 tuner, CM Stereo Probe 9 at 25' (815' ASL), RG-11 coax

SEPTEMBER 1986
3 GW
1925 WITU 103.5 NY Cobleskill r\$, "U-103" 205
13 Tr
0900 WETS 89.5 TN Johnson City t\$, (NPR) 504
17 Tr and GW
0929 WTNV 93.5 NY Watertown \$(testing)149
1424 CKLH 102.9 ON Hamilton,\$(testing) 68

JUNE 15 (cont'd.)

GW
1830 KZPR 105.3 ND Minot is now "MAGIC 105"
Es
1842 KECO 96.5 OK Elk City, promo
1845 KFFN 107.9 TX Abilene, "ROCK 108" mentioned KASL-1560.
1848 KRPT 103.7 OK Anadarko, SID
1850 KKQV 103.3 TX Wichita Falls, "QV-103" and Texas' Music Authority
1908 KWOX 101.1 OK Woodward, Okla.'s best k, "K-101"
1911 KLAJ 101.5 OK Lawton, wx, "K-Law"
1912 CIGV 100.7 BC Penticton, Penticton & Princeton ad
1918 CFFM 98.3 BC Kamloops, ads
1929 CHRK 97.5 BC Kamloops, "K-97" with Expo ad
1943 KORQ 100.7 TX Abilene, "Q-100" wx, KORQ calls
2000 CBUS 91.3 BC Hundred Mile House CBC mono, never gave ID on hour, not even CBU
2007 KFMX 94.5 TX Lubbock, "94FMX"
2009 KALS 97.1 MT Kalispell, KALS call
2015 KUEZ 102.5 MT Missoula, "It's coming to Missoula."
2020 KWSI 96.5 OR Warm Springs PSA: Warm Spring Indian Reservoir
2033 KZZK 102.7 WA Richland, Tri-City ads, Pasco ad
2036 KWHT 103.5 WA Walla Walla, WW college ad
2040 KFAT 106.1 OR Corvallis, "K-FAT-106"
2043 KHWK 106.5 WA Richland, "106 1/2, K-Hawk FM", promo
2046 KYTE 101.1 OR Portland, I-102 & Hwy 99 in ad,, faded back anncing next c piece
2048 KKRZ 100.3 OR Portland, "Z-100", r
2117 KLTQ 93.3 UT S.L.C., "K-Light"
2125 KLCY 94.1 UT S.L.C., song about SLC, buried by m
2134 KLRZt 94.9 UT Provo. Tent., ad for Trafalgar Amusement Park - I don't know where this park is.

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, N.Y. - 13041

Equipment: Receivers - Heathkit AJ-15 and Carver TX-11a tuners

Antenna - Channel Master Stereo Probe 9 with rotor at 30' with pop-up mast

AUGUST 1986

5 Es 1839-2045 to south and sw - MUF 108+
1847 KCIL 107.5 LA Houma "ALL hits KCIL"
1238
1854 WCHK 105.5 GA Canton, ID
1858 WLTS 105.3 LA Slidell, "LITE-105"wx/ID
1909 WKJN 103.3 LA Hammond, "CAJON-103 FM"
1913 KHOM 104.1 LA Houma, "FM104", local ads
1922 WYNK 101.5 LA Baton Rouge, "WINK" wx
1927 KVTT 91.7 TX Dallas, g program SW Radio Church

5 GW

2017 WJNY 90.9 NY Watertown, //WCNY //WUNY 60
23
Procured Carver TX-11a tuner to replace aging Heathkit AJ-15

26

Refurbished/reinstalled Stereo Probe 9 ant.

New Carver tuner and reinstalled/refurbished antenna really rejuvenated the FM DXing here. The very sensitive system pulls in weak signals including a lot of meteor scatter bursts. It's good to hear 150+ mile stations on adjacent channels of locals - static free... e.g. CKLN-88.1 Toronto despite 88.3 WAER. Totals now up to 1238. I enjoyed the WTFDA Convention at Jamestown... Mike has quite an impressive DX location! 73 - Fred.

BILL NOLLMAN - BOX 184 - RFD#1 - BOZRAH, CT. - 06334

JULY 1986

9 Es
1813 WBRC TV6 AL Birmingham 975
1821 WAPI 94.5 AL Birmingham "I-95" 975
1824 WLTB 99.5 AL Birmingham "LITE 95 FM" 975
1826 WZZK 104.7 AL Birmingham 975
1833 WGNF 98.5 FL Panama City, "GENIE"1090
10 Es
0953 WCMQ 92.3 FL Hialeah, Spanish 1190
0955 WPCB 94.9 GA Atlanta 875
0955 WJNZ 94.9 FL Miami Beach 1190
0959 WONA 96.7 ?? Wenonah, poss AL,GA,ILL (It's WONA Winona, MS - jf)
1000 WBIL 95.9 AL Tuskegee 975
1005 WLWI 92.3 AL Montgomery 1000
1014-1024 FL usuals WJNK, WVFM, WYNF, WPDS
1036 WLVE 93.9 FL Miami Beach "LOVE 94" 1190
1043 WMXJ 102.7 FL Pompano Beach 1160
1046 WGNF 98.5 FL Panama City 1090
1052 WXOS 100.3 FL Plantation Key
1056 WJST 94.5 FL Port St. Joe 1100
1101 WTYX 94.7 MS Jackson 1200
1107 WQYK 99.5 FL St. Pete 1115
1110 WAVE 102.5 FL Sarasota 1140
1111 WDUV 103.3 FL Bradenton 1150
1148 WSEI 92.9 IL Olney (where the h--- did this one come from??) 860

14 Es

1722 WZGC 92.9 GA Atlanta, "Z-93" 875
1729 WZEZ 92.9 TN Nashville 875
1815 WTYX 94.7 MS Jackson
1817 WYNN 96.3 MS Jackson, "CLASS 96"
1819 WQMV 98.7 MS Jackson, "Q99"
1823 WMAA 91.3 MS Jackson, "PRM" 1200
1825 WLTN 95.5 MS Jackson 1200
1826 WLTV 99.5 AL Birmingham
1826 WJMI 99.7 MS Jackson

AUG 27 Tr

2201 CKLN 88.1 ON Toronto, ID 167
2237 WKYN 97.5 PA St. Marys, "97-KYN" 171
31 Tr
1740 WFRM 96.7 PA Coudersport, r 135
1835 WFTI 103.9 PA Kane, local ad/ID 170
1931 CBCD 96.7 ON Pembroke, CBC talk 192
2055 WLTW 106.7 NY New York, "LITE-FM" ID/wx
2156 WHOM 94.9 NH Mt. Washington, b mx, ID
2159 WEZF 92.9 VT Burlington, b mx/ID
SEPTEMBER 1986
1 GW
1406 CBOF9 88.7 PQ Chapeau, FFC, //102.1 // 98.1 197
1831 CFLG 104.5 ON Cornwall, ID, wx, MOR mx 168
2048 WCOD 106.1 MA Hyannis, "106-FM", r 316
2 Tr
1829 WJSL 90.3 NY Houghton "FAMILY RADIO" 106

JULY 14 Es (cont'd)
1900 WMSI 102.9 MS Jackson (7 down - 2 to go!!) 1200
1902 WLHQ 96.9 AL Enterprise. "Q97" 1005
1908 KQID 96.9 LA Alexandria WOW!! 1315
1925 KNOE 102.1 LA Monroe 1250
1939 WMRQ 103.3 MA Boston, "Q-103", new calls, GW reception.
1950 KZOU 98.5 AR Little Rock "ALL HITS ZOU 98" 1220
1952 KZLE 93.1 AR Batesville, "93FM" 1120
2000 Return to MS Es.....
18 Es
1305 KLOH 98.7 MN Pipestone 1235
1312 KDMI 97.3 IA Des Moines, mono 1105
1327 KXLP 93.1 MN New Ulm, "XL 93" 1140
1337 KRIT 96.9 IA Clarion 1105
21 Es
1956 WAAC 92.9 GA Valdosta 975
23 Tr
0744 WRDR 104.9 NJ Egg Harbor City
0749 WSNJ 107.7 NJ Bridgeton
0752 WMJY 107.1 NJ Long Branch, "Y-107"
0755 WMVB 97.3 NJ Millville 210
0839 WADB 95.9 NJ Pt. Pleasant
0843 WSEA 93.5 DE Georgetown, "SEA93"
0847 WKHI 99.9 MD Ocean City
0855 WLQE 99.3 NJ Pleasantville
ALL NYC FMs near FULL STRENGTH AT 1930 HRS
2021 WNBR 100.7 NJ Wildwood
2022 WOLC 102.5 MD Princess Anne 310
2032 WESR 103.3 VA Onley/Onancock
25 Tr
0810 WHYY 90.9 PA Philadelphia 190
0815 WXTU 92.5 PA Philadelphia 190
1929 WXJY 96.3 MA Nantucket 110
1934 WVVY 92.7 MA Tisbury "Album Radio" 80
1954 WQWR 91.9 MA Provincetown finally!! hi Ernie!! 110

(Bill Nollman's DX, continued...)
 JULY 25 Tr (cont'd.)
 2015 CBHY 92.1 NS Yarmouth, mono 325
 2027 CKO 103.5 NS Halifax 450
 2031 CIOO 100.1 NS Halifax, "C-100" 450
 2032 CBHA 90.5 NS Halifax, // CBHY 450
 2036 CBFA-19 92.3 NS Halifax, mono 450
 2037 CBH 102.7 NS Halifax 450
 2042 CFRQ 104.3 NS Halifax, "Q-104" 450
 2100 WGAO 88.3 MA Franklin 55

Highlights of this report are my first Canadian stations with incredibly strong tropo into Nova Scotia where I could literally tune any Halifax station at will, and did six out of the seven! Interestingly when I got the duct about 8:30 p.m., Mike Bugaj 50 miles to the north had nothing. It did, however, get his way 'bout 11 p.m. long after it had died out here. (It was noted that morning and lasted to about 0100 the following morning here in NJ - jf) He had just as good of luck too!! The other super day was the 18th when I was reassured that the midwest still existed. I snagged a couple weak Iowa's and got my first Minnesotians. This Es season has been super as it is my first concentrated attempt at Es with 76 new FMs since May plus another 13 via tropo. Totals now at 313 stations, 99 via Es,, 2 via MS, 20 states plus one Canadian BUT still 3 empty frequencies. -Bill

SCOTT H. HOOD - 7 AUBURN ROAD - BEVERLY, MASS. - 01915-2501 EDT

MAY 1986
 We 21 Es
 1125 WENN 107.7 AL Birmingham 1125
 Su 25 Es
 1245 WJCL 96.5 GA Savannah, EZ 975
 1255 WQXI 94.1 GA Atlanta, "94-Q-FM" 1000
 1300 WKRG 94.9 AL Mobile 1325
 Mo 26 Tr
 1455 WQCB 106.5 ME Brewer, k, "Q-105"
 Power increase(?), as it appears to be present whenever Augusta is in. (Better than a power increase - NEW STATION - jf) 184

JUNE 1986

Fr 6 Tr
 0025 WALK 97.5 NY Patchogue 170
 (WALK also listed on 16 other dates - jf)
 Su 9 Tr
 0135 WAWZ 99.1 NJ Zarephath 235
 (WAWZ also listed on 6 other dates - jf)
 Tu 10 Es
 1115+ ?? MUF TV6+, DX'ing on department store TVs)
 We 11 Tr
 0110 WITqt 99.3 RI Block Island (last I heard, they hadn't hit the air yet - please check - jf) 110

We 11 Es
 1645 WQUE 93.3 LA New Orleans 1450
 1715 WVFJ 93.3 GA Manchester 1075
 Su 15 Es
 1930 WPDS 93.3 FL Tampa(call change) 1275
 Mo 16 Tr
 0015 CT in Strong
 0015 WKXW 101.5 NJ Trenton 260
 0020 WCB5 101.1 NY New York 205
 0020 WHTZ 100.3 NJ Newark 215
 0025 WJRZ 100.1 NJ Manahawkin "The New Power 100" 270
 0025 WRKS 98.7 NY New York 205
 0025 WEVD 97.9 NY New York 205
 0030 WUSL 98.9 PA Philadelphia 295
 0035 WPLJ 95.5 NY New York 205
 0035 WMMR 93.3 PA Philadelphia 295
 0045 WWDB 96.5 PA Philadelphia 295
 0050 WEAZ 101.1 PA Philadelphia 295
 0055 WNEW 102.7 NY New York 205
 0055 WSN1 104.5 PA Philadelphia 295
 0100 WNSR 105.1 NY NYC (call change) 205

JULY 27 Es
 1453 WRGI 93.5 FL Naples, "G93" 1180
 1456 WCVU 94.5 FL Naples, "Seaview" 1180
 1507 WSFP 90.1 FL Ft. Myers 1170
 1514 WCMQ 92.3 FL Hialeah 1190
 1523 WKJX 96.5 FL Miami, "96X" 1190
 1533 WLVE 93.9 FL Miami Beach, "LOVE 94" 1190
 1534 WJIS 88.1 FL Bradenton 1150
 1538 WBUS 104.7 FL Big Pine Key, US-1 1365
 1543 WRBQ 104.7 FL Tampa, "Q-105" 1105
 1554 WEEJ 100.1 FL Port Charlotte 1160
 1559 WJQY 106.7 FL Fort Lauderdale 1170

Monday JUNE 16 Tr, cont'd
 0105 WBL5 107.5 NY New York 205
 0210 Philly out, WAWZ and WCB5 only non-New Englanders left (and weakly)
 Fr 27 Tr
 0050 WRCN 103.9 NY Riverhead 145
 0055 WWHB 107.1 NY Hampton Bays 145
 WALK at 0040 and 1840
 Su 29 Tr
 0050 WILI 98.3 CT Willimantic 90
 0115 WCB5 101.1 NY New York 205

JULY 1986

Mo 7 GW
 2155 WMRQ 103.3 MA Boston, ex-WHTT AC, "Quality" and "Q-103", switched sometime between 1700 and 2155 17
 Th 10 Es
 1115 WJDQ 101.3 MS Meridian 1250
 1120 WCPG 93.3 MS Houston 1225
 Mo 14 Es
 1645 WOOF 99.7 AL Dothan, "WOOF-FM" 1175
 1645 WEDRt 99.1 FL Miami, RBB 1375
 1650 WLOV 100.1 GA Washington, k 950
 1650 WEIZ 100.1 AL Phenix City 1100
 1700 WKUE 97.7 GA Griffin 1025
 1740 WLDI 92.3 AL Montgomery, k, I-92 1150
 1850 WQWvt 98.7 MS Vicksburg, "Miss.... phone 372-???? 1375
 1855 WVFJt 93.3 GA Manchester 1075

Fr 18 Es
 1335 KBRX 102.9 NE O'Neil, wx for n.central and ne NE 1475
 Sa 19 Tr
 1035 WWGT 97.9 ME Portland for for call change 84
 Mo 21 Es
 2000 WHOO 96.5 FL Orlando 1225
 Th 24 Tr
 2155 WCB5 101.1 NY New York 205
 Fr 25 Tr
 0020-0320 relogs: WHTZ, WRKS, WALK, WNSR WBL5, WEVD, WNEW, WPLJ, WMMR, WJRZt, WEAZ, and WUSL

0040 WSN1 104.5 PA Philadelphia (WXLO off briefly?) 295
 0040 WNCN 104.3 NY New York 205
 0045 WDAS 105.3 PA Philadelphia 295
 0125 WWDB 96.5 PA Philadelphia 295
 0125 WKSS 95.7 CT Meriden 120

(Scott Hood's report...)
 Friday JUNE 25 cont'd.
 0215 WADB 95.9 NJ Pt. Pleasant, EZ 240
 0140 WYSP 94.1 PA Philadelphia 295
 0215 WK5 100.3 PA Media 295
 0230 WMGK 102.9 PA Philadelphia 295
 0235 WTRK 106.1 PA Philadelphia "Electric-106" 295
 0235 WMKR 106.5 MD Baltimore, r, "K-106" 380
 0245 WDSB 94.7 DE Dover, k 345
 0315 WPDH 101.5 NY Poughkeepsie 170
 0320 WIOQ 102.1 PA Philadelphia 295
 0935 WCAU 98.1 PA Philadelphia 295
 (Some Philly, NYC, and WALK in and out, but weak and deteriorating.)
 2145 WLVY 92.7 MA Tisbury, in Strong 82
 2150 WLNG 92.1 NY Sag Harbor 130
 2225 WWHB 107.1 NY Hampton Bays 145

Sa 26 Tr

0100 CIOO 100.1 NS Halifax, r and AC, "c-100" 420
 0100 CBH 102.7 NS Halifax, j 420
 0100 CFRQ 104.3 NS Halifax, AOR, "Q-104" 420
 0135 CKO-9 103.5 NS Halifax, t 420
 0220 WILI 98.3 CT Willimantic 80
 0245 Except for NS, the band is near normal (although WCB5 appears to be coming back stronger.)
 Tu 29 MS
 0045 unID 105.3, "Joy 105" (no sign of WJYY-105.5

AUGUST 1986

Su 3 Tr
 2105 WCB5 101.1 NY New York 205
 Tu 5 Es
 1705 WSTH 106.1 AL Alexandar City, k 1125
 1715 WBAMt 98.9 AL Montgomery, "99-FM" 1150
 1720 WJQA 101.3 MS Meridian 1250
 1735 WYNF 94.9 FL Tampa 1275
 1740 WVFJ 93.3 GA Manchester "VICTORY 93" 1075

1745 WAPE 95.1 FL Jacksonville "THE NEW POWER 95" 1100
 1745 WQXI 94.1 GA Smyrna, r, "94Q" 1000
 1755 WTVY 95.5 AL Dothan, k 1175
 1755 WLWI 92.3 AL Montgomery 1150
 1800 WMJ 96.5 AL Birmingham 1125
 1805 WFOX 97.1 GA Gainesville, "FOXY" 950
 1805 WJAD 97.3 GA Bainbridge "THE HOT FM" 1175
 1810 WSIX 97.9 TN Nashville, k 1025
 1810 WCO5 97.9 SC Columbia, k 850
 1835 WNK5 102.9 GA Columbus, "KISS FM" 1100
 1840 WQEN 103.7 AL Gadsden, "Q-104" 1075
 1845 WENN 107.7 AL Birmingham 1125
 1845 WAID 106.3 MS Clarksdale 1275
 1850 WQSB 105.1 AL Albertville, k 1050

We 6 Tr

2025-2335 Relogs: WCB5, WUSL, WWDB, WILI WALK, WEAZ, WIOQ, WJRZ, WKSZ, WHTZ, 2145 CT in Strong
 2150 WBL1 106.1 NY Patchogue 170
 2155 WRCN 103.9 NY Riverhead 145
 2235 WMGK 102.9 PA Philadelphia 295
 2250 WDAS 105.3 PA Philadelphia 295
 2250 WSPK 104.7 NY Poughkeepsie "K-104" 170
 2335 WTRKt 106.1 PA Philadelphia 295

AUGUST 1986

Th 7 Tr
 0030-0205 Relogs: WBL5, WEVD, WWHB, WNSR, WNEW, WAWZ,
 0035 WPDH 101.5 NY Poughkeepsie, in Strong
 0050 WCAU 98.1 PA Philadelphia 295
 0105 WAPP 103.5 NY Lake Success 195
 0135 WYSP 94.1 PA Philadelphia 295
 0135 unID 93.5 in Spanish (It's almost certainly WRTN New Rochelle, NY - jf)
 Su 10 GW
 2025 WBR5 100.1 MA Waltham extremely weak 23

Th 14 Tr

0000-0030 Relogs: WLNGt, WALK, WWHBt, WCB5
 0000 WEBI 92.1 ME Sanford 63
 1920 WMCN 93.5 ME Rockland 139
 1925 WYJY 94.3 ME Biddeford (call change) 68
 1925 All of Portland in super Strong!! Rest of SE and south central ME in or near Strong.)
 2000 WCM5 96.7 ME Boothbay Harbor 105
 2205 WQCB 106.5 ME Brewer, in local strength 184

Sa 16 Tr

0030-0255 Relogs: WCB5, WJRZ, WEAZ, WWDB, WUSL, WHTZ, WNSR, WDAS, WWHB, WIOQ, WALK, WEVD, WRKS, WKKXt, WMGK, WNEW, and WPLJ
 0035 WKHI 99.9 MD Ocean City 375
 0110 WBL5 107.5 NY New York 295
 0210 WFME 94.7 NJ Newark 215
 0220 WBAB 102.3 NY Babylon, AOR 175
 0230 unID on 106.3 (WVIP or WSLT) (or WHTG? -jf)
 0255 WP1X 101.9 NY New York 205

COMMENTS: This Summer turned out to be productive, even after an overall dismal May and June. The E skip this season definitely appeared to be centered around Alabama and Mississippi (I didn't even log one station from the Midwest). The Aug. 5th grand finale was by far the most intense Es opening I have ever experienced; For awhile, every frequency below about 98.5 had at least 3-4 stations all fighting for supremacy (93.3 and 94.1, for instance, were all but unintelligible - they almost sounded like a AM local channel at night!! X my heart!!)

As for tropo, excluding the big April Fools opening, the biggest episode of the season so far has to be July 24-26. Getting Philly in Strong was exhilarating, to say the least. I can't even begin to imagine what Franklin must have been experiencing! In addition, the Nova Scotia duct was a pleasant surprise.

Otherwise, I am settling into my first "real" job: a runner for a "freight forwarder/Customhouse brokerage firm" at Logan Airport in Boston (I essentially get paid to jockey the subway system, ride up and down in elevators and generally roam

the downtown streets!) Needless to say, being an 8:30-5 job, my evening DX'ing ventures have been somewhat curtailed (although the way the weather pattern has been the past month - and the way it appears to be continuing - I don't think there is going to be much DX to miss.

RALPH STROBEL - 2300 E. McGALLIARD RD. - MUNCIE, IN. - 47303

Equipment: McIntosh MR-78 tuner, Channel Master Stereo Probe 9 at 55 ft. with rotor.

Table of radio stations with columns for call letters, frequency, and location. Includes sections for DECEMBER 1985, JANUARY 1986, FEBRUARY 1986, and MAY 1986.

Table of radio stations with columns for call letters, frequency, and location. Includes sections for MAY 21 Es, JUNE 1986, and AUGUST 1986.

>>> Continued >>>

(Ralph Strobel's report, continued....)

Table of radio stations with columns for call letters, frequency, and location. Includes sections for JULY 1986, AUGUST 1986, and various station reports.

Table of radio stations with columns for call letters, frequency, and location. Includes sections for AUG 25 MS, SEPTEMBER 1986, and METEOR SCATTER RESULTS (1985).

>>> CONTINUED >>>

(Ralph Strobel's report, continued...)

COMMENTS: Many thanks goes to Robert Grant and Jeff Kadet for translating two Mexican unIDs I heard and taped this past summer. Jeff was able to translate some of my tape, but Robert really came through with the translation of two very fine IDs. I will let Robert comment in his CCI column. This information was also sent on to Bruce Elving. When I heard these Mexicans, I thought I had an ID on 89.5, but the one from Merida, Yucatan on 97.7 was quite a surprise. It pays to tape reception and hang on to the tape! Robert sent me a tape in which he pronounced each letter of the Spanish alphabet. This will be helpful in future years, in the event I hear more Mexican FMs. Another thank you to Fred Nordquist who accurately measured the distance from Muncie, IN to Merida, YU, and for returning my self-addressed postcard with this information.

Thank you also goes out to Bob Zent, Huntingdon, IN; Dave Brumfield, Richmond, ID; and again to Jeff Kadet, Macomb, IL for giving me early morning phone calls when E-skip was in.

There were few days when E-skip got into the FM band, as opposed to TV. MUF hovered around channels 4 and 5 many days, but only to fizzle out before it could get into FM! Tropo was poor this summer, with few new stations logged in that mode of propagation.

The Perseids meteor showers (Aug. 9-14) were not as good as in previous years. I was able to log a few new stations before and after the August showers. Since I never receive E-skip from the Northeast, the only way I can log these states seems to be by MS reception. Fortunately, the new states of NJ and NH were logged. From the east, I am still in need of VT and DE. Will I ever hear them?

Happy DXing from me to everyone! 73, Ralph

HARRY J. HAYES - 9 HENRY ST. - WILKES-BARRE, PA. - 18702

Equipment: GE Superadio, Jerrold QFM-9 antenna in attic.

SEPTEMBER 1986

20 Tr
0040 WHOM 94.9 NH Mt. Washington, in/out with EZL

24 Es
1840 WSHF 103.5 FL Ft. Lauderdale, lcl ads
1841 WIRK 107.9 FL W. Palm Beach, no call heard

1850 WBJW 105.1 FL Orlando
1856 WPCV 97.5 FL Winter Haven, w/wx
1900 unID 96.1 FL ID ment. Ft. Myers-

Naples but faded on call, a 95.9 in this area but nothing listed for 96.1. (Most assuredly WLEQ who has a CP for 96.1-jf)

COMMENTS: I put a 9 element antenna in my attic a week ago and find it works pretty well considering that I'm not getting as much overload that I expected though I can only aim it North and East now without significant overload. I am hoping to take care of my overload problem with appropriate filters in the near future and I am hoping to replace my present receiver, a dismembered Superadio with the guts hanging out with no tuning indicator with a decent tuner of some kind. The 9/24 opening was the very first time in my 16 years as a DXer that I've experienced any type of Es in September.

WILLIAM R. HEPBURN - #18-62 WALKOVER ST. - THUNDER BAY, ON - P7B 1L2 - CANADA EDT

Equipment: Receiver: JVC R-X330V, Antenna: Indoor Dipole - 2nd floor

Signals 10 db or more shown as S-10, S-15, etc.

JULY 1986 AT TORONTO, ON

7 Tr
2009 WOIV 105.1 NY DeRuyter 190
2129 WRQC 92.3 OH Cleveland Heights 185

24 Tr
0354 WGRN 107.5 MI Detroit, S-10 205
0402 WNUZ 103.5 MI Detroit, S-10 205
0424 WNIC 100.3 MI Deaborn-Detroit, S-10 215

0432 WWWW 106.7 MI Detroit 205
0441 WLLZ 98.7 MI Detroit, S-10 205
0859 WCVJ 90.9 OH Jefferson 150
0958 WVNP 89.9 WV Wheeling 245

AUGUST 1986

5 Es
1850 MUF 107.7
1855 WBJW 105.1 FL Orlando, S-10 1050
1858 WABE 90.1 GA Atlanta 745
1914 KVTI 91.7 TX Dallas 1210
1917 KCBIT 89.3 TX Dallas 1210
1924 KZPS 92.5 TX Dallas 1210

My first complete summer south of 60 degrees North since 1981....with only one day of Es! I should have stayed in the Arctic.

73s Bill 38

SEPT 24 Es (cont'd.)

1913 WCVU 94.5 FL Naples, "Sea-View" ID, EL mx
1916 WVMF 94.1 FL Lakeland, ID o/semi-Local WKQX.

1924 WYNF 94.9 FL Tampa-St. Petersburg "95-YNF", album type r
2000 WNL T 95.7 FL Tampa-St. Petersburg "LITE" ID and call

26 Tr
2200 WNCN 104.3 NY New York, weak

AUG 5 Es (cont'd)
1936 KIKK 95.7 TX Houston 1305
1940 WNNQ 89.9 LA New Orleans 1115
1945 WBSN 89.1 LA New Orleans 1115
1958 KPFT 90.1 TX Houston 1305

SEPT 5 Es (cont'd)
CIRV 88.7 ON Toronto, S-20, mono, NEW STN. 3
8 GW (new rcvr) - AT NIAGARA FALLS, ON
---- WGCC 90.7 NY Batavia 72
---- CHEQ 101.1 ON Ottawa Valley, "q-101" 165
---- WCUC 91.7 PA Clarion 185
---- CBEG 90.3 ON Sarnia, CBC, // CBE-1550, ex-106.3 170

9 Tr
0928 CBMS 89.5 ON Sault Ste. Marie, "CBC" Northern ON 320

17 GW
---- CKLH 102.9 ON Hamilton, testing, S-60 62

18 Tr
1500 WPHN 90.5 MI Gaylord (car radio) 295

JOHN EBELING - 9209 VINCENT AVE. SO. - BLOOMINGTON, MN. - 55431 CST

Equipment: At Bloomington, Pioneer TX9500 tuner and Heathkit AR-15 rcvr.

10 element Channel Master 10 element yagi w/rotor on 30 ft. mast

At Prosit, Another Pioneer TX9500 tuner, 5 element Radio Shack FM antenna.

AT PROSIT

JULY 1986

1 Tr
0001 K237BE 95.3 MN Babbitt, t-KBHW-99.5 International Falls

18 Tr and Es

Tr 1000 KBTQ 101.9 ND Bottineau
Es 1030 WINC 92.5 VA Winchester
Tr 1102 KYYY 92.9 ND Bismarck "Y-93"
1105 KNDR 104.7 ND Mandan

Es 1115 WMJS 92.7 MD Prince Frederick
1130 WPOC 93.1 MD Baltimore "FM93"
1136 WSEA 93.5 DE Georgetown

Tr 1138 KQDY 94.5 ND Bismarck, "KQ94", k
1152 KMAV 105.5 ND Mayville
1201 KBYZ 96.5 ND Bismarck

Es 1854 CJAX 92.5 AT Edmonton
1903 CIRK 97.3 AT Edmonton
1931 CKXM 100.3 AT Edmonton
1940 CISN 103.9 AT Edmonton

2000 ?? 88.1 ? CBC network - no ID Hinton, AT.???)

20 Es

1630 KAJA 97.3 TX San Antonio
1703 KHLC 98.3 TX Bandera (mentioned Kerville XLTR K237BR)

26 Es

1130 KIOU 96.5 TX Corpus Christi
1131 KTXN 98.7 TX Victoria

AUGUST 1986

3 Es

1753 WJST 94.5 FL Port St. Joe "T-94"
1754 WPCV 97.5 FL Winter Haven

AT BLOOMINGTON

AUGUST 1986

5 Es

1730 WAAC 92.9 GA Valdosta
1731 WVJF 93.3 GA Manchester
1735 WAPE 95.1 FL Jacksonville, "BIG APE"
1743 WMBW 107.3 FL St. Petersburg, "EZ-107"

1745 WQSB 105.1 AL Albertville
1759 WMAU 88.9 MS Bude
1800 WUSF 89.7 FL Tampa
1805 WGPC 104.5 GA Albany

1813 WEAT 104.5 FL W. Palm Beach
1816 WMEZ 94.1 FL Lakeland
1842 WWOZ 90.7 LA New Orleans
1847 WGGZ 98.1 LA Baton Rouge

1849 KWCL 96.7 LA Oak Grove
1850 KCIL 107.5 LA Houma, + SCA t (67 kHz)
1854 KUCA 91.3 AR Conway
1856 KDEA 99.1 LA New Iberia (vocal on 67 kHz SCA)

1900 KVPI 93.5 LA Villa Platte
1900 WDUV 103.3 FL Bradenton, b
1905 WJIS 88.1 FL Bradenton, AP nx

13 Ms

0045 WQLT 107.3 AL Florence, good strong burst with ID
0230 WDBA 107.3 PA DuBois, "----BA Weather for western Pennsylvania ----"

0330 WVCM 107.3 WV Miami, caught ID on fair burst.

15 Tr

2358 WJJA 92.1 WI Spencer/Medford

16 Tr

0000 WJCH 91.9 IL Joliet, g
SEPT 1986
11 Au (brilliant Au display)

2333 KWNU 90.7 IL St. Louis
2340 KCLC 89.1 IL St. Charles
2355 WDLM 89.3 IL East Moline
2358 WJCH 91.9 IL Joliet

12 Au

0002 KUSR 91.5 IA Ames



P.O. Box 1640
Bradenton, FL 33506-9990

ROBERT S. ROSS - BOX 4373 - STN. C - LONDON, ON. - CANADA - N5W-5J2

Equipment: Viking SC5813 rcvr., 10 element Realistic beam at 15 ft.

AUGUST 1986

1 Tr

0050 WYRK 106.5 NY Buffalo
0053 WBYR 107.7 NY Buffalo, ex-WUWU

5 Es

1815 WNAA 90.1 NC Greensboro NEW STATE

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

Equipment: MR-78 tuner, Channel Master Stereo Probe 9 at 40 ft. AG w/rotor.

JULY 1986

22 Tr

2200 Norfolk area at fair strength
2254 WKRE 107.5 VA Exmore, k, "K-104" over local WBL 222

23 Tr

2100 Norfolk again, fair-good.
24 Tr
2000-2200 Norfolk again! Fair-good.
2300 Most Bostons doing well
2312 WUMB 91.9 MA Boston, PSA, ID 213

JULY 25 Tr

0647 WVCA 104.9 MA Gloucester, c with bad announcing by owner, Simon Geller, way over WRDR 239

0702 CIOO 100.1 NS Halifax, "C-100", r 618
2047 CIOO in again, good signal, way o/WJRZ
2100 CBHA 90.5 NS Halifax, CBC nx followed by Halifax news 618

2102 CBAF-30 107.3 NS Yarmouth, CBC French 480
>>> CONTINUED >>>

(Joe Fela's report, continued)...

JULY 25 Tr, continued
 2143 WOPR 102.3 CT Stonington, "Classic Hits" + call for call change 141
 2300 WZLX 100.7 MA Boston, legal ID, "Classic Hits" Last time heard they were WCOP! 213
 2303 WOPR 91.9 MA Provincetown, ID, j 242
 2315 CBHY 92.1 NS Yarmouth, CBC, actually o/WLNG, 0011 s/off 480
 2325 CBHM 106.5 NS Middletown, CBC, // CBHY-92.1 562

JULY 26 Es
 1055 WJIS 88.1 FL Bradenton, ID, wx 1017
 1100 WRMB 89.3 FL Boynton Beach, ID, religious 1022
 1101 WKPX 88.5 FL Sunrise, ID, r
 1128 WHGS 90.3 FL Haines City, ID, g 954
 1133 CUBA? 90.3 Cuban tentatively here, Possible "Rebelde" ID
 1200 CUBA 91.9 Cuban for sure here with production ID mentioning Havana and Rebelde at 1200. Had some sort of play or short skits before ID.
 1212 WQLM 92.7 FL Punta Gorda, ID 1039
 1215 WSOR 95.3 FL Ft. Myers, nw, wx, ID, g format 1053
 1229 WQEZ 99.3 FL Ft. Myers Beach ID, b 1067
 1230 WSSP 104.1 FL Cocoa Beach, contest "WHISPER 104" 917
 1231 WRCC 103.9 FL Cape Coral, ID, r 1062
 1240 WEEJ 100.1 FL Port Charlotte, ads, call, b 1037
 1300 WKRL 97.9 FL Clearwater, legal ID, "Classic Rock", o/Local WEVD 993
 1307 WXCR 92.1 FL Safety Harbor ID, classical
 1314 WSGI 103.1 FL Naples, old r "ALL NEW CLASS 103" 1084

27 Es
 (Es in progress when I walked in....)
 1552 WSGI 103.1 FL Naples, old r 1084
 1557 WCIF 106.3 FL Melbourne, g, ID 933
 1610 WKQS 99.9 FL Boca Raton, promo, k, "KISS" (a little unusual for a k station to use Kiss?) 1035
 1614 CUBA 95.9 FL A Radio Reloj here, complete with clock ticks in the background.

AUGUST 1986

3 Es on the car radio while returning from the Jamestown Convention! (In NE PA, between Scranton and Binghamton)
 1800a Ided the following -
 WKKA-92.3 Orlando, FL
 WFYN-92.5 Key West, FL
 WRGI-93.5 Naples, FL
 WCVU-94.5 Naples, FL
 WPCV-97.5 Winter Haven, FL
 + many unIDs (Like who was the SS on 91.5?)

5 Es
 1910 WJMI 99.7 MS Jackson, ID, wx 1046
 1920 KNAN 106.1 LA Monroe "MAGIC 106" 1029
 1938 KPCH 97.7 LA Dubach-Rustin, ID 1148
 1942 KDBH 97.7 LA Natchitoches, ID 1205
 2000 KVTI 91.7 TX Dallas, ID, g 1352
 2010 KSBJ 88.1 TX Humble, ID, g 1386
 5 Tr
 2230 WIAV 96.1 VA Cape Charles, "WAVE 96", r 244

AUG 6 Tr
 1838 WOTB 107.1 RI Middletown, ID, j 175
 2020 WOPR 91.9 MA Provincetown, ID, ad? 242
 2100 WMDK 92.1 NH Peterborough, "92-MDK" DJ with English accent, r 203
 2135 WQVR 100.1 MA Southbridge, Red Sox BB, ID, "Q-100" 161
 2150 WFNX 101.7 MA Lynn, r, ID 222
 8 Tr
 0300 WUNY 89.5 NY Utica, c, net ID with WCNV-91.3 and WJNY-90.9 180
 0320 WZYC 103.3 NC Newport, r, "Z-103" WPRB off 421

9 Tr
 1104 CKBY 105.3 ON Ottawa, briefly o/WDAS with ID, eastern ON & w. PQ wx 342
 14 Tr - super strong to MD/DC
 0750 WYST 92.3 MD Baltimore, "STAR-92" soft r, o/Local WXRK 146
 0825 WCEM 106.3 MD Cambridge, r, ID 164
 0828 WQRA 94.3 VA Warrenton, "SUNNY 94", news, wx, ads 220
 0844 WFTR 95.3 VA Front Royal, ID 231
 15 Tr
 0045 W221AC 92.1 PA Mt. Pocono, t-WGBI-101.3 Scranton 61
 0100 W265AC 100.9 MD Salisbury, t-WRBS-95.1 Baltimore, very clear! 164
 16 GW
 0115 WFUN 91.9 NY Brooklyn (pirate) noted on again with old r music 20
 23 Tr
 0853 WTPS 103.9 PA Muncy, AM/FM ID, "All Hit Radio", r 130

25 Tr
 Pests WFME 94.7 Newark and WKDN-106.9 Camden OFF but conditions completely dead. 106.9 just an occasional weak signal but -
 0020 WMAS 94.7 MA Springfield, r, "WMAS 95" much WDSO QRM plus tent. WLTT MD 142

SEPTEMBER 1986

19 GW/Tr
 2200 WVLT 92.1 NJ Vineland noted back on the air with this call, ex-WKQV. Now "92 FM Lite", light r, satellite feed and a pest! Apparently antenna and/or tower work performed while off. 81
 2045 WSFM 99.3 PA Harrisburg, SUNNY 99 131
 24 Es
 1859 WAIV 96.9 FL Jacksonville, ID 815
 1900 WGGG 97.7 FL Micanopy-Gainesville ID, "LOVE 98" 885
 1901 WKRL 97.9 FL Clearwater, legal ID 993
 1914 WYGC 100.9 FL Gainesville, k, GC-101 876
 1920 WAAC 92.9 GA Valdosta, ads, ID 836
 1930 WQPD 94.3 FL Lake City, with college football prgm (interviewing coach) - Same program also on 92.1, 95.3, and 102.3 (apparently WTRS), ads, ID during break 854
 1958 WLLQ 92.1 FL Williston, "WILLOW 92" 897

29 Tr
 0030 Local WNYC-93.9 noted off, WKYS DC fair on channel. Weak signals at times from tentatively CFMO on and WAYU ME. NO WKXZ NY - off Monday mornings?

LATE NEWS: There was a nice FM Es opening to Texas the evening of Oct. 8th. Also some TV skip Oct. 9th 73, Joe

ANARC UPDATE

PART 3 - ANARCON '86 - THE LAST DAY!!

One good thing about doing this column is that I can stretch one event into 3 months worth of material. So now, thankfully, I present the final chapter of this year's convention.

We started the day by availing ourselves of the Hotel's buffet breakfast. With the value of the Canadian Dollar, it looked more expensive than it actually was. And it was all you can eat!

The first event of the day was the taping of HCJB's (Quito, Ecuador) program Saludos Amigos hosted by Ken MacHarg and John Beck. It was quite a good show. They went into the audience and did several short interviews. Normally the show is a mailbag show, so a live program was something new for the hosts.

This was followed by the World radio TV Handbook Quiz. It was the Americans vs the Canadians. The Yanks lost due to the Canadians superior knowledge of the book. Andy Sennitt, host of the Quiz started by reading a review of the book that supposedly was broadcast over Radio Albania. They called the book decadent and all those reading it will have their minds poisoned (So, why did the reviewers read the book and why does Radio Albania make contributions to the book each year?). The Quiz questions were very hard this year. There were questions on the names of agencies and station's names in their native language. All the participants were winners, even if they were on the losing team. The prize was the 1987 WRTH.

The WRTH Quiz was followed by lunch. Joyce and I went to the McDonald's across the street from the hotel. I ordered a hamburger. After receiving the burger, I realized that burger places outside New York serve their hamburgers with mustard and catsup on it. I asked for a hamburger with catsup on it only. The counter clerk looked at me quizzically. I realized that he did not understand English very well, so I said "NO Mustard" several times over. He said I had to wait a few minutes. When I got the burger, I sat down and I unwrapped the hamburger. I took off the bun. Under it I found all mustard and NO Catsup.

The final event of the convention was the International Broadcaster's Forum. Representatives from Radio Canada, The Voice of America, Radio France Internationale, The Voice of Free China and Radio Netherlands sat on the panel this year. Great interest was expressed by the audience that stations should set up additional relays to help improve reception. All the broadcasters stated that this was very expensive. I felt like asking why international broadcasters do not use advertising to supplement their income. The station reps all told of how their funds were limited and budgets were being cut. I knew that if I asked that question, I'd be unceremoniously ushered out of the room.

At 3pm, the convention ended. Joyce and I drove off in the rain to Vermont.

Convention post scripts- The hotel elevators became a major topic at the convention. It took at least 15 minutes before an elevator would come. Then it would stop at almost every floor. If there were more than 10 people in the elevator, which was most of the time, there was a chance that the elevator might get stuck between floors. If this happened, and you pushed the emergency button, a voice would get on and say "Is everything OK?". There was an incident where one group of conventioners did get stuck in the elevator for 45 minutes. They somehow got themselves out of the elevator. When they got out, the little voice started to yell that they should have waited for the elevator mechanic who would have been there in another 15 minutes.

Plenty of interviews were conducted at this year's convention. Convention attendees were heard for months after the convention on several international stations. The "Saludos Amigos" program was broadcast a month and a half after the convention. And quite recently, I caught an interview of Alain Pepin over the DX Partyline program of HCJB.

Commentary- This year's convention was well attended. It was well publicized and for the most part, well organized. But, several sectors of the DX Hobby were left out when it came to having programs for them. There was not a single program for TV and FM DX'ers. This is best summed up in the attitudes of the Shortwave DX'ers. I asked Ian McFarland why he did not do a feature on TV and FM DX on his program, the SW Digest. He stated that he would do one if someone provided him with one and it was professionally done. The ANARC Newsletter stated that the lack of a program for TV and FM DX'ers was that WE THE TV AND FM DX'ERS did not provide one! I can not believe

ieve that the organizers with the resources of the CBC and Radio Canada International could not find someone to do a program or seminar on this. They couldn't get a CBC or RCI engineer to talk about propagation of VHF and UHF signals. They could have gotten people from the local AM and FM stations to talk about the Montreal Radio scene. Or a group of local Chief Engineers to discuss station policies regarding DX'ers, reception reports and QSL's. If we hosted the convention, we would not ask the Shortwave DX'ers to provide programs. We would be required to find people to host such programs. So, why should we be asked to provide a program for our aspect of the hobby. The organizers of future conventions must be required to provide programs on all aspects of the hobby.

The non-DX'ers were not catered to at the convention.. This led to the spouses, like my wife, bored while I went to a program or seminar. Joyce had to make herself busy by watching television or sleeping in the room or walking around in a city all alone that she was not familiar with. During the time they had programs for DX'ers, there were no alternate programs for the convention widows and widowers. Possible programs could have been as simple as a survival rap session or an introduction to DX'ing and the passion of DX'ing to help a spouse understand their mate's obsession (the title of this seminar could be "Why an opening can be better than sex to your spouse"). Finally, they could have easily set up a walking tour or underground shopping mall shopping tour via the Metro. The organizers must keep in mind that everyone attending a convention like this is not a DX'er, and if they the convention to be a family event, then they must have programs for them. I may decide not to go to the next convention if there are no programs for spouses, because I will not go without my wife!

It looks like Don Hosmer of Michigan will be ANARC's new Executive Secretary. He is the only one to express an interest in the job. He will have his hands full. Don is used to having his hands full as he organized and presided over the Michigan Area Radio Enthusiasts. His club has provided a large number of activities and publications for Michigan's DX'ers in the short period that they have been in existence. Don is well qualified for the position as Executive Secretary.

The term of the present Executive Secretary, Richard (Terry) Colgan will end at the end of the year. He has done a great job as Executive Secretary. During his term, the stature of ANARC has grown. ANARC has led the fight against the Electronic Privacy Act and the Over the Horizon Radar. ANARC revised its constitution, and made provisions for smaller local clubs to join as Associate Members. Good Luck to Terry on his future endeavors and his leadership will be missed.

By the time you read this, the ELECTRONIC PRIVACY ACT will be law. The radio hobby didn't die this year, but its been greatly been restricted. The full effect of the law will not be known until it is enforced. Once arrests, indictments and confiscations of receiving equipment is made, the the laws constitutionality can be tested. The first effect will probably be the banning of the sale of receivers, such as scanners and SCA receivers that will be able to pick up the forbidden frequencies and services. Publicizing the reception of these forbidden services will be a crime. The editors of several columns in this publication will have to start watching what they write, because you don't know who is out there reading what you write. There are indications that a new bill with more restrictions may be introduced in the next session. We have start the fight all over and much harder the next time. The people with the \$\$\$Money\$\$\$ are after your freedoms.

Hopefully this will reach you before election day. This year, all the Congressmen and women and a third of the Senators are up for reelection. Please give your Congressperson's office a call. Ask how they voted for the bill and why they voted for a bill where all interested parties were not given a chance to testify on this bill. Ask him why the Congress was not given a chance to debate this bill when it got to the House floor. Ask what Congress was afraid of by not allowing a role call vote to be taken. Be sure to tell him that some of the activities that people enjoy as part of your favorite hobby are now illegal and did he ever think that this would occur when he voted for the bill. And tell him that you are unsure that he is voting on bills with your best interest in mind and that on election day you may consider voting for his opponent. And if he tells you that he does not care, then tell him you'll have to tell the local newspaper this and you'll actively work on his opponent's campaign the next time around.

Well, it's time to close for this month. Next time I plan to give some tips on where to get free information that can be helpful for DX'ers. Til then,

Steven P. Sprachman
15 Berry Lane
Hicksville, NY
U.S.A. 11601

73's
42 Steven P. Sprachman

NOV 23 1986

PHOTO-NEWS

David J. Nieman
12784 Nice Road
Akron, NY 14001-9529

With snow falling in western New York; we start off this edition with double hop to Mexico seen by Randy Miltier of San Jose, CA



XEW-2
Mexico City, DF, Mexico
1900 mile 2E-skip
seen June 22, 1986

rm1



Moving on east to Tennessee, we make a stop at Matt Sittel's DX shack for a look at some E-skip, Kingsport style.



KACB-3
San Angelo, TX
1088 mile E-skip
seen July 7, 1986
at 1400 EDT

me0



KPRC-2
Houston, TX
878 mile E-skip
seen July 9, 1986
1030 EDT

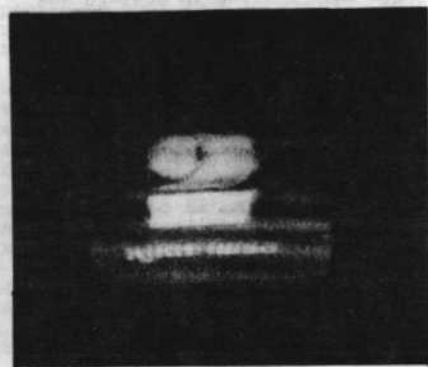
me1f

Matt Sittel continued.....



XHR10-2
Matamoros, TA, Mexico
1184 mile E-skip
seen July 9, 1986
at 1130 EDT

ms11



KJRH-2
Tulsa, OK
747 mile E-skip
seen July 13, 1986
at 1000 EDT

ms12

We now head back west alittle to Macomb Illinois for some tropo and E-skip seen by Jeff Kadet.



XEZ-3
Cerro del Zamorano, Gro, Mexico
???? mile E-skip
seen June 11, 1986

jk1



K45AY
Jonesboro, AR
375 mile tropo
seen June 19, 1986

jk2

Jeff Kadet photo file continued.....



XHFI-5
Chihuahua, Chih., Mexico
1160 mile E-skip
seen July 5, 1986

ik3



K35AL
Lexington, NE
775 mile tropo
seen July 13, 1986
(KNOP-2)

jk4



KUSD-2
Vermillion, SD
360 mile E-skip
seen July 17, 1986

ik5

to be continued in December's VUD.....

DAVE

TELEVISION NEWS

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

FOX TELEVISION NETWORK AFFILIATES

Here it is! What everybody has been waiting for! The Official WFDA List of Fox Broadcasting Network Affiliates. Boston is the only major-market station not included in this list. Fox had been attempting to buy WXNE-TV, ch. 25, and make that its outlet for the Boston area, but I think that deal fell through. But don't fear. There are plenty of indies in that area looking for something to broadcast ever since STV fell through.

ST CALLS	CH	CITY
AL WPXI	15	Mobile
AL WDBB	17	Tuscaloosa
AK KTBY	4	Anchorage
AZ KMSB-TV	11	Nogales
AR KJTM-TV	38	Pine Bluff
CA KTTV	11	Los Angeles (Fox-owned)
CA KTVU	2	Oakland
CA KTXL	40	Sacramento
CO KXRM	21	Colorado Springs
CO KDVX	31	Denver
CT WTIC-TV	61	Hartford
DC WTG	5	Washington (Fox-owned)
FL WANS	30	Jacksonville
FL WCIX	6	Miami
FL WOFL	35	Orlando
FL WTOG	44	St. Petersburg
FL WFLX	29	West Palm Beach
GA WTSG	31	Albany
GA WATL	36	Atlanta
ID KTRV	12	Nampa
IL WYZZ-TV	43	Bloomington
IL WFLD	32	Chicago (Fox-owned)
IL WRSP	55	Springfield
IN WXIN	59	Indianapolis
KS KSAS-TV	24	Wichita
KY WKY	56	Danville
KY WDRB-TV	41	Louisville
KY WXIX-TV	19	Newport
LA WNOL-TV	38	New Orleans
LA KMSS-TV	33	Shreveport
ME WPXT	51	Portland
MD WBFF	45	Baltimore
MI WKBD-TV	50	Detroit
MI WSMH	66	Flint
MI WXMI	17	Grand Rapids
MN KMSP-TV	9	Minneapolis
MO KSHB-TV	41	Kansas City
MO KDHL-TV	30	St. Louis
NV KVVU-TV	5	Henderson
NM KGSW	14	Albuquerque
NY WJAX-TV	23	Albany
NY WNYW-TV	5	New York (Fox-owned)
NY WHUP	31	Rochester
NY WSYT	68	Syracuse (ex-WKAP)
NC WLFL-TV	22	Raleigh
NC WNRW	45	Winston-Salem
ND KVRN	15	Fargo (Satellite stations KRRR, ch. 10 in Thief River Falls, MN and KHRR, ch. 12, Pembina, ND, were not mentioned in the list)
OH WTTE	28	Columbus
OH WRGT-TV	45	Dayton

OH WOIO	19	Shaker Heights
OH WUPW	36	Toledo
OK KAUT	43	Oklahoma City
OR KPTV	12	Portland
PA WWCP-TV	8	Johnstown (No mention made of affiliated station WWPC-TV, ch. 23, Altoona, PA.)
PA WTAF-TV	29	Philadelphia
PA WPGH-TV	53	Pittsburgh
PA WPMT	43	York
RI WNAC-TV	64	Providence
SC WTAT-TV	24	Charleston
SC WTGS-TV	28	Hardeeville
SD KTTW	17	Sioux Falls
TN WDSI-TV	61	Chattanooga
TN WETO	39	Greenville
TN WNKW-TV	30	Memphis
TN WCAY-TV	30	Nashville
TX KDAF	33	Dallas (Fox-owned)
TX KRIV	26	Houston (Fox-owned)
TX KJTL	18	Wichita Falls
UT KSTU	20	Salt Lake City
VA WJPR	21	Lynchburg
VA WTVZ	33	Norfolk
VA WVRN-TV	63	Richmond
WA KAYU-TV	28	Spokane
WA KCPQ-TV	13	Tacoma
WI WXGZ-TV	32	Appleton

HOME SHOPPING NETWORK STATIONS

Now the news everybody has been dreading! Will your local independent station become devoured by that dreaded enemy lurking just beyond the horizon? Will Captain Kirk confront the greatest power in the galaxy? Will Happy Days be gone forever? For many couch potatoes across the country, here it comes: the next best thing to pledge droves! It's the Home Shopping Network, promising twenty four hours a day of nonstop commercial advertising. So far HSN had devoured eight independent stations, and is looking for four more to satisfy its voracious appetite. Here is its meal to date:

ST CALLS	CH	CITY
CA KPST-TV	66	Vallejo (scheduled to sign on October 1, 1986)
TX KTHH	67	Alvin
OH WCLQ-TV	61	Cleveland
NJ WSJT	65	Vineland (Rats!!)
NY WSNL	67	Smithtown
MA WVVJ	66	Marlborough
MD WJKL	24	Baltimore (the only one on a channel below 65!)
NJ WWHT	68	Newark

If your local station was not mentioned, don't relax yet. The beast is still hungry! Home Shopping Network, based in Clearwater, FL, started out by offering merchandise at discount rates over a local radio station in 1977. In 1982 it came on several cable channels in the Tampa area. In 1985 it spread to cable systems across the country. In March of this year HSN created HSN2, a new service consisting of more upscale merchandise. HSN2 stations will not actually operate a solid day of marketing, however; each hour will include some local public

affairs programs. ("We interrupt this regularly scheduled word from your sponsor to bring you this following program.") In addition to the stations owned by HSN, there will be independent stations and network affiliates that will be signed up to air some of HSN's programming.

Other companies are following the trend. Now we have the Cable Value Network (CVN), the Quality Value Convenience Network, and the Telephone Auction. Consumer Discount Network, like HSN, plans on two separate channels to reach different economic levels. American Shopping Channel plans several local operations. Tel-Shop will specialize brand-name products. But will all these other companies start hogging up television stations? Probably not. HSN seems to be the exception. The others don't share HSN's confidence that a must-carry rule will some day be established, giving support for UHF television owners. Just purchasing air time seems to suffice for them.

But what about the future of HSN? Right now it's spending a tremendous amount of money in television stations. UHF television stations, whose owners are trying to sell them off. Every commercial business suffers from lack of sales for the next few months after the Christmas holidays, and HSN will most likely begin feeling a financial pinch for the first time. But if television shopping turns out to be a temporary fad, then HSN will be wound up with all its money invested in worthless television stations that it can't sell. No doubt television shopping will be around for good, but probably limited to the late night hours.



APPLICATIONS FOR NEW TELEVISION STATIONS

CH	ERP	HAAT	STATE/CITY/APPLICANT
59	2529	691	FL Jacksonville; Florida ETV of Duval County Inc.
29	1358	759	FL Ocala; Florida ETV of Marion County Inc.
31	100	2373	OR Klamath Falls; Sunshine TV
64	17.3	387	TX Mineola; Golden Communicat'ns
52	40	710	WI Mayville; Wayne Raymond Stenz
43	8.71	423	VI Charlotte Amalie; Franklin D. Graham
15	n.c.	1124	VI Christiansted; Santa Cruz Broadcasting Co. (amended)
16	1	100	TX Eagle Pass; Jonesco Broad'ng
31	1000	1142	TX Victoria; Turner Broadcasting & Communications

45	5000	554	FL Leesburg; Palmetto Broadcasters Associated for Communities
40	5000	165	TX Rio Grande Cit7; Robert Gonzalez
11	316	426	TX Sonora; Tower Broadcasting Co.
48	640	335	MI Chippewa Falls; Family Group Ltd. III
60	2198	2884	CA Los Angeles; Vision Int'l Inc.
14	1000	139	MI Billo; Harry J. Turner
3	1	226	MI Lihue; Lavon Nicholson
22	550	454	IA Waterloo; Hawkeye Broadcasting
19	1000	398	MI Marquette; Linda Turner d/b/a Turner Broadcasting & Communications
51	5000	1164	MS Jackson; Linda Turner d/b/a Turner Broadcasting
36	5000	570	SD Sioux Falls; John H. Echols
12	1	444	TX Alpine; Kathy L. Young

APPLICATIONS DISMISSED

NJ	Burlington; ch. 48; Adelphi Broadcasting Corporation; Signal Ministries Inc. (Review Board decision)
MA	Worcester; ch. 48; National Center for Good & Justice.
NC	Greenville; ch. 38; Winard Broadcasting.
WV	Bluefield; ch. 40; Berton & Mowers.
ME	Lewiston; ch. 35; Sebago Broadcasting Company Inc. (Initial decision; Kennebec Valley Television given preference on diversity grounds and for proposing service to more underserved areas).
TX	Lake Dallas; Women's Media Investors of Dallas Ltd. (Review Board, reversing initial decision). Channel 55.
TN	Memphis; ch. 50; Burwood Broadcasting of Memphis Inc.; TAT Broadcasting Company of Memphis; (Initial decision; Kyles Broadcasting was given preference on integration grounds).
TX	Katy; ch. 51; Louise Brunson; Horizon Community Broadcasters Ltd.; Victory Media Inc. (Initial decision; Johnson Broadcasting Inc. was given preference on integration grounds.)
AL	Dothan; ch. 60; Broadcast Associates Inc.
CA	Fort Bragg; ch. 8; Mad River Broadcasting Company Inc.
LA	Baton Rouge; ch. 44; Louisiana SuperCommunications Limited Partnership.
NJ	West Milford; ch. 66; New Jersey Hispanic ETV Corporation Inc.
SC	Charleston; ch. 36; Best Broadcasting; Channel 36 TV Associates; Charleston Communications Ltd.; Daye Corporation; Evalyn Broadcasting Company; Monts & Pritchard Inc.; Non-Profit Television Concepts.
TX	Amarillo; ch. 2; Family Media Inc.
WA	Bellingham; ch. 64; Bellingham TV Associates Ltd.
AL	Opelika; ch. 50; L. Lynn Henley.
MI	Minneapolis; ch. 45; Jean Turner Goins.
MT	Billings; ch. 6; Eagle Communications Inc.
NV	Reno; ch. 11; Reno Eleven Broadcasting.
NC	Morehead City; ch. 8; James E. & Rachel J. McManus.
SC	Myrtle Beach; ch. 32; Sheila Lynn McManus.
OR	Portland; ch. 40; Portland Television Associates Ltd. (Supplemental initial decision granting permit to Cascade Video of Oregon; the Review Board had told the

presiding judge to further check Portland Television Associates for misrepresentation and lack of candor).

TX Austin; ch. 54; Capital City Community Interests Inc.; Television 54 Corporation; Capitol Area Broadcasting; ATV Associates Inc.; DB Broadcasting Inc. (Initial decision, granting application of Balcones Broadcasting Ltd. because of integration and coverage proposals.)

CA San Luis Obispo; ch. 33; Pacific Television Inc.; Obispo Television (Initial decision; Community Media Corporation was given preference on integration grounds)

FL Tequesta; ch. 25; G&I Ltd.; Rodriguez-Barnett & Associates Ltd.; Tequesta Television Inc.; Triple J Properties Inc.; Zephyr Broadcasting Corporation. (Initial decision giving preference to Martin Telecommunications Inc. because of its proposal for special programming for the hearing impaired.)

NC Raleigh; ch. 50; The L Broadcasting Company. (FCC Review Board, reversing initial decision. Cotton Broadcasting Company's majority owner, Grant Cotton, had sold his interest in another Raleigh station.)

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

48 2340 1100 NJ Burlington; Brunson Communications

24 5000 294 VA Danville; Haughton Television

35 1000 386 ME Lewiston; Kennebec Valley Television (Initial decision)

55 5000 1251 TX Lake Dallas; Opal Thornton (Review Board decision, reversing initial decision)

51 5000 975 TX Katy; Johnson Broadcasting Inc. (Initial decision)

8 215 2445 CA Fort Bragg; Capital Foothills Broadcasters

44 5000 1975 LA Baton Rouge; Parish Family Television Ltd. (confirming report in 3/86 VUD)

36 5000 2000 SC Charleston; Caro Broadcasting

64 420 2421 WA Bellingham; Prism Broadcasting (confirming report in 8/86VUD)

2 100 773 TX Amarillo; Amarillo Junior College District

50 1000 477 AL Opelika; Virginia L. & Fred-eric O. Fruits

50 5000 800 TN Memphis; Kyles Broadcasting Ltd. (Initial decision)

CONSTRUCTION PERMIT CANCELLED

PR Humacao; WWSN, ch. 68

GA Brunswick; WBJF, ch. 21

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

52 4385 1068 AL Tusculumbia; WGEI (from ch. 47, which was recently deleted from the Table of Assignm'ts)

51 201 425 AR Rogers; KFAA

14 5000 874 GA Rome; WZGA (amended)

46 575 1948 PR Cidra; WCNT

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

28 4466 2129 CA Oroville; Golden Valley Communications

41 205 297 LA Alexandria; KHCA

30 1100 1168 OH Portsmouth; WUXA

58 5000 1437 TX Dallas; KDTX-TV

56 5000 1786 TX Jacksonville; KETK-TV (KTRG)

6 100 1920 AZ Kingman; KMOH-TV

14 5000 918 GA Rome; WZGA (unamended)

APPLICATIONS TO CHANGE EXISTING FACILITIES

24 4349 316 AR Fort Smith; KPOM-TV (CP)

33 5000 1713 LA Baton Rouge; WRBT (CP)

19 1138 1170 MO Kansas City; KCPD (CP)

17 2500 999 NY Buffalo; WHEB-TV (MP)

6 100 1861 CA Sacramento; KVIE (NF)

64 5000 1027 RI Providence; WRAC-TV (CP)

56 2051 1004 FL Melbourne; WAYK (MP)

CHANGES IN EXISTING FACILITIES GRANTED

AK Anchorage; KAKH, ch. 7; granted MP to raise ERP to 163 kw max (presently licensed for 105 kw; had been granted STA to operate with 34.9 kw max); 781' AAT/773.3' AG/888.7' ASL (636' higher AAT; 529' higher ASL); TL to Mile 2, Mackinzie Road; coordinates 61°25'22"/149°52'20" (due north, 14.09 miles, from present TL).

WY Casper; KPNB (KXWY until recent change), ch. 20; granted CP to raise ERP from 68 kw max to 1557 kw max; 1750' AAT/150' AG/8190' ASL (20' higher ASL); TL to Casper Mountain, 8 miles SSW of Casper; coordinates 42°44'37"/106°18'31" (0.1 mile due west of present TL, based on coordinates). Change should result in a much larger coverage area and better DX, if there is such a thing in the mountains. At least Casper residents should be able to put away their antennas.

KY Beattyville; WLJC-TV, ch. 65; granted MP to reduce ERP from 93.1 to 92.75 kw max (replacing an outstanding MP to increase ERP to 1603.25 kw max!). Coordinates 37°36'23"/83°41'16" (minor change in coordinates, probably due to refinement); 666' AAT/535' AG/1635' ASL (244' higher AAT/210' higher AG/242' higher ASL).

FL Jacksonville; WJKS, ch. 17; granted CP to raise ERP from 4570 kw max/1450 kw hor to 5000 kw max; 998' AAT/978' AG/1013' ASL (formerly 990' AAT). Don't expect any visible changes in signal strength.

NC Raleigh; WLFL-TV, ch. 22; granted CP to raise ERP from 1415.8 kw max to 5000 kw max; 1675' AAT/1545' AG/2015' ASL (527' higher AAT/488' higher AG and ASL); same TL. Look for significant change in coverage area as well as a better DX target.

OH Sandusky; WGGH-TV, ch. 52; granted MP to raise ERP to 1482 kw max (presently licensed for 49 kw max according to some records, but data base from Larry Fuss has 264 kw); 774' AAT/715' AG/1415' ASL (presently 670' AAT); same TL. Expect big increase in coverage area and better chances at DX.

GA Savannah; WJCL, ch. 22; granted CP to raise ERP from 1910 kw max/891 kw hor to 3830 kw max; 1430' AAT/1435' AG/1453' ASL (43' lower); same TL. Increased ERP should expand coverage area.

MN Thief River Falls; KBRR, ch. 10; granted CP for 130 kw max ERP (reduced from 240 kw max according to Television Factbook; raised from 65 kw according to data base from Larry Fuss. Either way, no earth shaking event); 554' AAT/442' AG/1499' ASL (same TL, but 46' lower AAT, 162' lower AG and 265' lower ASL. Now THAT'S earth shaking!).

NJ New Brunswick; WJJB, ch. 58; granted license to cover CP for changes; see 6/86 VUD.

OH Zanesville; WHIZ-TV, ch. 18; granted license to cover CP for changes; see 2/86 VUD.

AR EL Dorado; KTVE, ch. 10; granted CP to raise antenna to 2000' AAT/1980' AG/2106' ASL (628' higher ASL and AG). This increased antenna height should make for good results during tropospheric DX.

APPLICATIONS FOR CALL LETTERS: NEW STATIONS

CH CALLS ST CITY/APPLICANT

49 KTFH TX Conroe; San Jacinto Television Corporation

22 KLRB TX Wolfforth; Randy Chandler Ministries

CALL LETTERS GRANTED: NEW STATIONS

46 WNPL-TV FL Naples; WNPL

56 KETK-TV TX Jacksonville; KTRG

49 WTBH FL Tice; Tice Television Company

5 KVEH HI Honolulu; Ka'Ikena Lani TV Corp

43 WBDS MS Wiggins; Sara I. Dunn

CALL LETTER CHANGES GRANTED: EXISTING STA'NS

12 KVIH-TV NM Clovis; KMCC

22 WYOU PA Scranton; WDAU-TV

64 WRAC-TV RI Providence; WSTG

12 WJFW-TV MI Rhineland; WAEQ-TV

68 WSYT NY Syracuse; WKAF

6 KPNB WY Casper; KXWY-TV

11 KPNR WY Rawlins; KRWY

10 KPNE WY Riverton; KPWY-TV

NEW STATIONS ON THE AIR

CT New London; WTWS, ch. 26+ was seen testing by Roy Barstow on 9/4/86; it began programming on 9/15. 2792 kw max ERP; 1251' AAT/1166' AG/1467' ASL; TL 1.3 miles southeast of New London on Hwy 85, Chesterfield CT; coordinates 41°25'05"/72°11'55"; Address: CTV of Connecticut Inc., 216 Broad Street, New London, CT, 06320. Independent station.

HI Honolulu; KBPD, ch. 32z, went on the air 3/21/1986; 146 kw max ERP; conflicting data on antenna height; TL 1188 Bishop Street, Honolulu; coordinates 21°18'49"/157°51'43" (same as for KDSC-TV, ch. 14); independent station. Address: The Allen Broadcasting Corporation; 1188 Bishop St, Penthouse 1, Honolulu, HI, 96813.

AL Gadsden; WTJP, ch. 60z, went on the air on 7/22/86; 5000 kw max ERP; 1139' AAT/703' AG/2023' ASL; TL 3.9 miles northeast of Springville, AL; coordinates 33°48'53"/86°26'55"; independent station. Address: All American TV Inc., Box 60, Springville AL, 35146.

FL Melbourne; WAYK, ch. 56z, went on the air 5/19/86; 2070 kw max ERP; 1000' AAT/998' AG/1023' ASL; TL 7.5 miles WNW of Fellsmere FL; coordinates 27°49'35"/80°42'20"; independent station. Address: TV56 Ltd., 6525 Babcock St. SE, Palm Bay, FL, 32907.

ME Portland; ch. 51z; reported on the air by Ben Wilkie on 9/14/86; 3011 kw max ERP; 917' AAT/697' AG/1177' ASL; TL 2.5 miles

south of Gray ME; coordinates 43°51'05.5"/70°19'40". Fox Broadcasting affiliate; Address: Portland Broadcasting Inc., 2320 Congress St., Portland OR, 04102.

CA Salinas; KSMS, ch. 67-, reported on the air as an SIM affiliate, replacing KCBA, ch. 35, which is now independent. 2306.2 kw max ERP; 2365' AAT/433' AG/3433' ASL; coordinates 36°45'19"/121°30'05". No other information available at this time.

NY Utica; WTUV, ch. 33z, seen testing by Dave Nieman on 9/24/86; 42.5 kw max ERP; 647' AAT/175' AG/1551' ASL; coordinates 43°02'14"/75°26'40". No other information available at this time.

MT Great Falls; KTGF, ch. 16z, went on the air 9/21/86; 2630 kw max ERP; 446' AAT/169' AG/4019' ASL; TL to SE quarter of Section 4, twp 21 N, range 3E, near Great Falls (Those figures relate to the Public Land System of land division); coordinates 47°36'26"/111°21'27"; possible candidate for network affiliation (presently two other stations are sharing all three network programs). Address: Continental Television Network Inc., Box 1219, Great Falls MT, 59401.

PA Erie; WETG, ch. 66+, went on the air on 9/2/1986; 35.81 kw max ERP; 885' AAT/691' AG/1991' ASL; TL 2.25 miles southeast of Bear Sarge on Waterford Pike Road, Erie; coordinates 42°02'31"/80°03'57"; independent station; address: Gannon University Broadcasting, Gannon University, Erie, PA, 16541. (Yes, this is a commercial station). Two new Canadian stations were reported on the air: CFJP-TV, a French-language station in Montreal, Que., was seen testing by Dave Nieman. Dave also reports a mystery channel 49: CPGS, "Super 49 stereo" probably around Ottawa-Hull, which were coming in at the same time. Two more stations scheduled to sign on in October: KPST-TV, ch. 66z, Vallejo, CA; and WLAX-TV, ch. 25z, LaCrosse, WI.

FORUM

Roy Barstow of Teaticket MA reports WJVV, ch. 66 in Marlborough MA already operating the Home Shopping Club; WSTG-64 in Providence RI is now WNAC. He logged WPXT, ch. 51 in Portland ME, saying it comes in better than WMEA-TV, ch. 26 in Biddeford ME. (Maybe because WMEA uses only 589 kw ERP, compared with 3011 kw for WPXT).

On WPXT, Ben Wilkie of York ME writes, "Standard independent programming (the first in Maine) featuring new syndicated network shows. Reception here in York is terrible! Distance is only 35 to 40 miles! Maybe it will improve." Let me know. You reported it on the first day. Roy's first logging wasn't until a week later.

Dave Nieman's reports from Akron NY on the Canadian channel 49 read, "...new channel 49 on the air in Quebec. No positive ID or location but they are in and out with Ottawa-Hull channels. Programming is in French; could be a part of the new CFJP-TV, ch. 35 Montreal network? Antenna heading is the same as Ottawa-Hull." A later report says, "I have

call letters on the mystery ch. 49; they are, 'CFGS super 49 stereo' still no location." That sounds like English. I checked in all the news Walter Patton sent me over the past five years and could find no record of an application or a grant for ch. 49 in Quebec. I did find out, however, that there was a channel 49- assignment added to Canada's allotment plan in LaTuque, Quebec, which is in the direction of Ottawa, but farther north. Dave also reports that ch. 68 in Syracuse NY is now WSYT. It was WKAP. "Seen testing on 9/24/86 was WTUV-33 Utica-Rome, NY. Also seen was W59AU Utica, NY (WCNY-24) replacing the old ch. 33 translator."

From **Bill Draeb** (Kewaunee MI): "About the station guide - I think at this point just an updated list of stations with the usual info would be enough. I think those DXers who want to will make their own maps or whatever as an additional aid. Thompson's idea about small scale maps for 2-6 channels is a good one. I would probably extend that to include all VHF channels if I did my own. Individual state maps or area maps (New England, Mid Atlantic, Mid West, etc.) would be good for UHF since there will be more of those stations on that band if there already isn't."

"CBCE-16 must be running 59 kw or whatever it said in the VUD as they were in 5 days in a row the end of last month (August 1986). I noticed one morning that and CKIC-9 & CKNY-10 all had the same TP on it (Multiburst test signal, the same as field #1, line #17 of the VBI for stations with remote control transmitters)."

Nathaniel Elv (Madison WI) sent in an article from the 9/10/86 Capital Times about the lights on the WMSN-47 tower. "These white pulsars sit atop and at three places along the 1.167-foot broadcasting tower of WMSN-TV/Channel 47, the city's new independent television station. Located on state property near the intersection of Mineral Point Road and the Beltline, the tower every couple of seconds emits a flash of light that many area residents find maddening. The disco-like lights are a source of stress, especially after dark, with some folks saying they're losing sleep because of the strobes' power to penetrate even heavy curtains." "Channel 47's general manager, Bill Franks, says he isn't too happy about the lights himself. But, he adds, 'The strobes were almost a necessity for us' under federal aviation regulations. Because the tower is in the flight path to Middleton's Morey Airport, Franks explains, special precautions must be taken to alert aircraft. Newly constructed broadcast towers in high-risk locations...no longer can use the soft red lights seen on the area's other towers. 'We would much rather have had red lights like everybody else,' says Franks. That not only would have saved the station a lot of grief...but also some \$35,000 in extra expense. A Federal Aviation Administration official in Chicago confirms that Channel 47 was ordered to use the strobe light. But, says airspace specialist Georgine McDonough, 'they were given the option' of using it only during the day, then switching to the standard

red at night. 'That's news to us,' says Franks. He says it's his understanding that 'we don't have the option to switch back, no ifs, ands or buts about it.' If he were to be given a choice, Franks says he's unsure if he'd take advantage of it, since 'the expense would be just horrendous.'

From **Frank Aden Jr.** (Boise ID): "I saw in the Ontario OR newspaper that KTVE has applied to renew the license of K13SL in Huntington OR. They listed 1kw as power (different from the TRANSLATOR LPTV GUIDE.)" Probably more different than that. 1kw is probably the power of their final IF output. ERP, which is used in the GUIDE, can be many times greater than that. "Ontario also has a new LPTV on ch. 18 owned by the local cable company. From what I saw they are running some of the shows off the free cable channels such as Tele-Auction. During the station breaks it looks as if they are cutting the sync. Not much of an operation." "On your comments about the Forest Service overstepping the FCC on transmitter site approvals - what you said is exactly how I reacted over 10 years ago when I found out about their authority. What I have been told is since the land is US Forest Service property they can set up whatever criteria they want & at present have stricter rules than the FCC. The interesting point is they do this with full FCC approval. Since the FCC's current policy is to react on interference problems only when a complaint is filed the Forest Service wants to make absolutely sure there won't be any problems."

From **John M. Jefferson** (Pleasanton CA): I believe you've printed news of KSCB-58 Stockton signing on last April as an indie. They identify closely with Sacramento, and are cosited with the Sacramento stations. KPST-66 Vallejo has been testing, but doesn't expect to be on until December. They're cosited with most of the San Francisco stations on the Awful Tower (Sutro Tower for those who don't mind a metal Godzilla looming over them). And their signal here is just that - awful. The ghosting is horrible, and the audio is very mushy. KBHK-44 is quite usable, but KPST is using only something like 120kw into a high-gain circularly-polarized antenna and it doesn't work well in shadow areas. KOPY-20 is just as bad, presumably for the same reason. And KOPY is actually worse at my parents' in Castro Valley, leading me to doubt that I'm just in a null spot. Actually on the air, sort of, is KSMS-67 Salinas. No trace of them here, but that's no surprise. They're running 1kw into a highly directional antenna under STA to continue SIN programming in Salinas now that KCBA-35 has gone English-language indie. (That and the KSMS s/on happened 9/1) KSMS expects to be a bonafide station around the 1st of the year. Don't think your column had yet noted that KERO-23 Bakersfield is now with CBS. KBAK-29 is still ABC, so one assumes that KGET-17 is NBC. KFTV-21 Hanford, by the way, lists K39AV Bakersfield on its TP. KNT-49 Visalia, when last heard from, was aiming to be on by the end of the summer. No sign of testing, so they'd better hurry!"

Matt Sittel (Kingsport TN) writes, "KTVC is now (CBS,NBC) with CBS as the primary network. In Wyoming, KRWY-20 in Casper is now KPWB, and KRWY-11 in Rawlins is now KPWR. They are both still (ABC,NBC,CBS)." Matt asks about South Dakota stations, "Anyone know why KDLO-15 is Rapid City, but 6 in Reliance is also KPLO?" I'm not sure what you mean, but KPLO is ch. 6 in Reliance, KDLC is ch. 3 in Garden City, both of which are satellites of KZLC, ch. 11 in Sioux Falls. Channel 15 in Rapid City is K15AC, a translator that rebroadcasts the signals of KPLO-6. I hope that clears things."

John M. Adams (Seaside OR), wrote on 10/7, "KSCB-22 Salem has changed call letters last week to KWYT". An article from the 10/2/86 Portland Oregonian reports that the call sign stands for Willamette Valley Television. "CKVU, Vancouver is definitely on Ch.10 now according to the most recent Western Washington TV Guide. This station carries many programs from all three major U.S. networks, sometimes at the same time as in the states, sometimes anywhere from an hour to several days before it is shown in the U.S. Other notes from the West Wash. TVG: The network affiliation for KVOS-12, Bellingham is listed as (ind, CBS), which was be just as well. As I've mentioned before, this station airs very little of the network's programming. The only network programs they air: some cartoons on Saturday morning, CBS News Sunday Morning... 60 Minutes...the CBS Sunday Night News, and Cagney and Lacey on Monday Nights. A number of translators are mentioned in the channel listing, though no calls are mentioned: Ch. 2 North Seattle (K02CU, western shore of Lake Washington; Seattle) relaying KSTW-11; other translators all relaying KIRO-7; ch.2 Alki Point (K02ED, Beach Drive area of Seattle); ch.46 Olympia (K46AJ); ch.53, Centralia Chehalis (K53AZ); ch. 54 Bremerton (K54AO); ch. 61 Port Angeles (K61CG); ch.78, Vashon Island -Des Moines (K78BN, Point Pulley; surrounding western shoreline of Puget Sound); and ch.79 Puyallup (K79BE). (One map I have spells it Point Pully and also calls it Three Tree Point; most maps just call it Three Tree Point.)"

"KTBW-20 still isn't listed. There is a blurb in the channel listings mentioning Trinity Broadcasting, but no mention of ch. 20." "About Oregon Public Broadcasting's translators, their October program guide lists them again; no mention of ch.62, Seaside. One correction to the October VUD, pg.42, col. 2: I have ch.23 Gogama ON listed as CBLFT-21 (not CBWFT-21). This would seem to make more sense as Gogama is closer to Toronto than Winnipeg (and is also in the same time zone as Toronto)." Checking my records, I have to agree with you. In fact, CBLFT-21 rebroadcasts the signals of CBLFT-3, ch. 9 in Timmins, ONT."

The 9/13/86 San Francisco Chronicle via **Jim Korn** (San Francisco): "Home Shopping Network, a Florida retailer-by-television that is one of the hottest new stock issues of the year, is coming to the Bay area. The company is buying TV station KPST, Channel 66 in Val-

lejo from...Pan Pacific Television Inc, which is building the station. KPST will be on the air by October 1, reaching 2 million homes in the Bay area." "Home Shopping went public on May 13 at \$13 a share and closed yesterday at \$28 after a 3-for-1 split on Sept. 8."

Randy Miltier (San Jose, CA) clipped this from his TV Guide: "Starting Monday, Sept. 1, the San Francisco Metro Edition will carry program listings for (67), KSMS, a Spanish Independent Network affiliate in Salinas-Monterey. On the same day, KCBA, Ch. 35 in Salinas-Monterey, will switch from Spanish-language to English-language programming." Randy writes, "Sure enough KCBA-35 went independent. I checked out ch.67 and nothing there. I looked for KSMS-67 for three weeks. When I found out a guy I know went to work for KCBA-35, I asked him why KSMS-67 didn't go on the air and he said they did go on but they're running only about 3,000 watts! I live 65 miles from Salinas and I don't even get a flicker that anything's on ch.67 - They must be beaming towards Hawaii! KSMS is listed in TVG and their programming is Spanish and (about 90%) parallels KDTV-14 in San Francisco." "I've also seen KPST-66 in Vallejo testing numerous times. I called them and asked when they would be going on the air and they said sometime in November. KWBB-38 in San Francisco is sorta turning into a normal UHF station. Such great programming as Video Vacations (always on), California Wrestling and old movies. Dr. Gene Scott doesn't come on until 9 pm and is on all-day Sunday, of course. I too vote for a new TV log."

Patrick Durkin Jr. (Woodbury, MN) sent an article from the 10/6/86 Minneapolis Star & Tribune about KTTA-TV, ch. 23, which is in the process of being sold by United Cable Television to Don O'Connor. "The previous owner, United Cable Television, Denver, had operated the UHF station first as Spectrum TV, which broadcast Minnesota Twins and Minnesota North Stars games and adult movies via a scrambled signal. Not a lot of people wanted to pay for a decoder box, and Spectrum went broke last October. The owners unscrambled its signal and broadcast music videos 18 hours a day while the station was for sale." "On Sept. 1 the station began broadcasting in its new format, which leans toward old but popular syndicated sitcoms..." "Programming will change 'dramatically, but gradually,' O'Connor said. 'We'll progressively get newer and newer.' He said Ch.23 will be a bidder when currently popular series are placed in syndication and top theatrical movies become available. Ch.23 will also go after new shows, many more of which are being produced for syndication because of the growing number of strong independent stations, O'Connor said." "His station and others like it cannot compete with the news organizations of established stations, he said, so he will not try. But Ch.23 can do good shows on serious issued..."

Leslie Price (Wilmington NC) sent in an article from the 9/25/86 Wilmington Morning Star, which reported that the News-Press &

Gazette Co. of St. Joseph, MO, agreed to buy WECT, ch. 6 in Wilmington, NC (or at least the majority holdings of the station.) No changes are expected in the station's format or management. "WECT signed on the air on April 9, 1954 as WFMD-TV and broadcast from the third floor of a building at Third and Princess Streets, the current site of United Carolina Bank. It was Wilmington's only television station until WYAY began operating in 1964. WFMD-TV changed its call letters to WECT in 1958, a year after Atlantic Telecasting bought the station. It has been an NBC affiliate since 1955 and employs about 100." Another article from 9/28/86 (same paper?) reports that the recent Tax Bill will make such station sales as WECT common for a short period. It seems that corporate profits from the sale of a television station will go up from 28% to 34%, so now's the time to sell. Also, the new tax bill will eliminate tax write-offs for equipment. TV and radio stations have a comparatively small amount of expenses going to equipment.

Several articles from Paul Gaines (Detroit MI). One from the 8/21/86 Detroit Free Press includes WXYZ-7 and WDIV-4 as among those stations using a satellite news-gathering truck that can transmit signals live to their studios via satellite from virtually anywhere they want. Up to now, stations were limited to live transmissions up to 150 miles during ideal conditions for microwave link to the studio. These trucks beam the signal directly to the satellite, where the studio picks up the signal being transmitted back.

The 7/31/86 Free Press reports that WOR, CNN, CNN Headline News, Cinemax are now scrambling their satellite signals. Joining them will be Disney, ESPN, Nickelodeon, and Playboy. Satellite dish sales dropped 70% since HBO started scrambling.

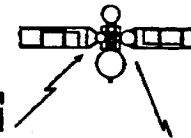
The 7/20/86 Detroit Free Press talks about WXYZ, ch. 7, no longer owned by ABC. Its new owner, Scripps-Howard, has taken the freedoms to preempt some of its old ABC programming for its own syndicated programs.

Another letter from John Adams, actually earlier than the one I mentioned in the last page. Here he makes some corrections and comments on the LPTV/Translator List and recent columns in the VUD. On the KLTR list: "Two translators in Utah are listed as K05GH. As far as I can determine, these translators are at least 100 miles apart." Probably, I suspect the FCC mistakenly assigned those call letters to two translators by mistake, and they both just happened to be in Utah. On the 1/86 VUD, p. 12 under Dave Nieman: ref. to WFMD-TV should have been WENY. Other areas with more than one PBS station: Burlington (VT)-Plattsburgh (NY) have WETK-33 and WCPE-57. There are also other areas in New England served by more than one PBS. "Seattle-Tacoma WA: KCTS-9 and KTPS-28, KCTS is the main PBS owned, I believe, by the University of Washington. KTPS is owned by the Tacoma Public Schools, and also airs PBS programs. KCPQ-13 operated as a PBS station in the late 70's, owned by the Clover Park School District in Tacoma. Clover Park sold

the station in 1980 and it left the air for about a year, returning to the air in 1981 as a commercial station. Also, there was another PBS station in Tacoma (KPEE-56). I'm not exactly sure when they left the air (does anybody know?). Also KTPS was originally on ch. 62, moving to ch.23 in 1982." "February VUD, pg. 9, col 1: The call letters for ch.16 in Eugene is KMTR (not KMIT). Pg.9, col.2: Exactly what is 'frequency offset keying?' It's a way of identifying in a manner that doesn't affect programming content in any way. The carrier frequency is shifted a few kHz by a morse code type key. I was able to detect this one time while watching W35AB in Philadelphia, with interference from ch. 35 in Richmond, VA. The GOI was creating a particular buzz, based on the difference between the two frequencies. On the hour, I heard a clear morse code message for about two seconds resulting from a shift in the pitch of the buzz. That's about the only way it can be detected without frequency measuring devices. "Pg.10, Col.1: At this writing, KOIN-6 is no longer airing Fuji network's 'From Oregon with Love' (Japanese program). Earlier this year, Fuji was filming the third season of this program." "KCEH-22's religious programs are mainly late morning and late evening (including Dr. Gene Scott nightly 10:30-1am). It was several years ago that they were airing NBC programs rejected by KGW-8. More recently they were airing a CBS soap opera rejected by KOIN-6, but they've since dropped that too." "May VUD, pgs 23-27: Many of the stations in the ch 2-6 list listed as having more than one network, I believe, may be affiliated with only one network, since their areas are served by translators or are (or will be) served by new stations. Ch. 2: KOIT, Klamath Falls, OR is NBC only. This station is co-owned with, and gets most (if not all) of its programs from KOBI-5 Medford." (SRDS Spot Data book, September 15, 1986, agrees with John) KTWO, Casper WY is (or was) ABC only. That area is (or was) served by a KFWY-10 Riverton translator." (SRDS still has ABC as primary network, with NBC affiliation) "Ch.3: KIEM, Eureka CA; there has been some confusion about network changes in Eureka. In the June 14, 1986 IRCA DX Monitor, an IRCA member who, until recently, lived in Eureka mentions that KIEM is now NBC only." (SRDS has no data) KTVS, Sterling CO is CBS only. The area has KUSA-9 Denver translators." (KTVS is a satellite of KYCU-5, Cheyenne WY. Both are CBS primarily, with some of the more popular NBC prime time shows, NBC game shows and soaps, according to SRDS) "KRTV, Great Falls, MT is CBS only or will be when the new KRGF-16 comes on the air." (SRDS has KRTV, ch. 3, as both CBS and NBC. My guess is that, as a VHF, it will have first pick as to which network to keep, and will most likely pick the more popular NBC, leaving CBS the choice of having only a few programs on ch. 3, or affiliate withch. 16)

John's letter, and several other letters, will be saved for next month's column.

SATELLITE NEWS



George W. Jensen
4604 Anntana Avenue
Baltimore, Maryland
21206-4220

NEW ON THE AIR

Not Too much here. Another Home Shopping type of service on Spacenet I - XPDR 19 "Shopping Line". WGN has been occasionally testing the Ma/Com encryption system on Galaxy II, XPDR 3. Galaxy II has had many occasional feeds lately, including a lot of instructional types of feeds. Galaxy III seems to have lightened up lately. I have seen reports that Galaxy III is being readied as another Cable Net - like Galaxy I. This would account for the change. I will keep you informed on this s developments warrant. XETV is now being carried on Morelos I XPDR 22.

SATELLITE OF THE MONTH

SPACENET I	120*W	Odds/Horizontal	Evens/Vertical
TRANSPONDER			SERVICES CARRIED
3			American Exxtasy Ma/Com encoded
7			First Run Pay-Per-View Sony System? encoded
11			American Hospital Network Oak/Orion encoded
15			ACTS
16			S I N Feeds from Televisa- Mexico City
19			Shopping Line
21			Baptist Television Network Oak/Orion encoded
23			misc. feeds

PLEASE NOTE - I goofed - I promised that this month the satellite of the month would be ANIK B and D. Time is short this month and these birds will entail a great deal of time to compile.

Some technical information on Spacenet I - Spacenet I has a total of 18 C-Band transponders and 6 K-Band transponders. The Ku-Band are 72 MHz wide with powers of 16 watts. 6 C-Band transponders are 72 MHz wide with a power of 16 watts. 12 of the C-Band transponders are 36 MHz wide with a power of 8.5 watts. I have noted one Ku-Band feed recently, unfortunately I did not make note of the transponder. I do know that this is not at all common.

Randums

From Albert S. Lobel of San Diego, California a note about a typo concerning the Morelos report of last month - It is KFMB not KFMD as indicated. He also mentions that KCST may also be carried, but isn't sure. I get the feeling that they mix things up a little on the Morelos Bird.

Of great interest from Greg Monti is a bit of info concerning Ku and C conversions which confirms what I has suspected. There is no industry standard concerning uplink and downlink frequencies. This is one reason why I am usually reluctant to give a channel number for any Ku-Band catches I may have seen. Each satellite will be different and unless I see a transponder number given, I will have doubts.

Many thanks to Tom Yingling for a wealth of information from Radio Sweden International which I hope to use in future columns.

TV Ontario plans to start-up a French Educational Channel utilizing Ku-Band ANIK C-III.

The proposed Pan-Am Sat. will have 6 Ku-Band transponders. The proposed French Videosat III will have some strong footprint over the Eastern U.S.

That's all for this month. I hope to have much more in next months column.

Format Changes

AR Hot Springs KLAZ 106.3 r, "Z-106"
 CA San Diego KLZZ-FM r, no nonID
 CA Santa Margarita KWSP 106.3 b, "Whisper 106 FM" (seems strict; not known if stereo)
 CA Walnut Creek KJLD 92.1 jr, "progressive jazz, a mix of modern jazz/fusion and soft-rock vocals, perhaps jr would fit best"; affects one booster (itors)
 CO Gunnison KVLE 102.3 k (affects 3 trans-/CO Hayden KKMV 95.9 r (affects 1 translator)
 CT Danbury WDAQ 98.3 m (middle of the road music)
 FL Key West WKRY 93.5 m (not known if \$)
 FL Springfield WVBM 95.9 adds Panama City, \$
 FL Vero Beach WCXL 101.7 r, ID with Fort Pierce-Stuart, Stereo
 IL Chicago WDBM-FM 96.3 r, still "B-96," but not strict, often using calls
 WJMK 104.3 r (oldies)
 IL Des Plaines WZCR 106.7 rp, "Z-Rock"
 IL Elmhurst WRSE "88.7 jr, some Spanish
 IL Kankakee WKOC "88.7 (from 88.3), \$, g, "a nice alternative right next to WMBI-FM nonID
 "Heartland Radio" or "89-FM"
 WLRZ 92.7 "Lite Rock FM-93," not stereo while testing, but could be stereo by now, r
 IL Morris WCSJ-FM 104.7 rock and country (rk)
 IN Terre Haute WHHD "90.5 r ("hard rock")
 KS Derby WRZZ-FM 95.9 r, ID with Wichita
 KY Hazard WSGS 101.1 k, "This k station plays some of the most obnoxious hillbilly music ever heard on the FM band. The only worthwhile aspect of listening to WSGS might be the Nashville Country Network at night, but only if you don't mind listening to a station in mono. Screaming preachers are heard one hour each morning and one hour each afternoon on a daily basis. This same type of preaching is broadcast all day each Sunday. There is no music. In this DXer's opinion, a powerhouse mono FM station with this format is deserved of only one thing: the AM radio band!"
 LA Laplace WCKW-FM 92.3 rp; ID with New Orleans
 MA Boston WZOU 94.5 r, Z-94
 NE Grand Island KSYZ 107.7 r
 NH Nashua WHOB 106.3 r, not known if Stereo
 NJ Atlantic City WAVV 95.1 b ("and some semi-classical")
 NJ Vineland WLVT 92.1 back on air, r (light), "92-FM Lite" (strict)
 NM Los Alamos WXXX 98.5 r, dual city ID with Albuquerque
 NY Ithaca WHCU-FM 97.3 r, "Lite-97.3" (semi-strict), "Your favorites from the 60s, 70s and 80s" (affects one translator)
 NY Rochester WEZO 101.3 mr
 NY Utica WUHY "89.5 cj, "simulcasts with WCNY-FM Syracuse, as does WJNY Water-town"
 NC Elizabeth City WMYK 93.7 s, "Rhythm of the City," Tower near Moyock NC. "Their new 1,000' tower lies within the shadow of the North Carolina-Virginia state line. . . with line-of-sight to Chesapeake and downtown Norfolk-Virginia Beach. The terrain is all flat coastal plain." IDs with Virginia Beach-Hampton VA.
 NC High Point WQJY 100.9 mr, music "parallel to WYLT 96.1" Raleigh
 NC Newport WZYC 103.3 r, mono
 NC Raleigh WYLT 96.1 mr
 NC Winston-Salem WSNB "89.3 p [progressive r] OH Kettering WVUD 98.9 r
 OH Upper Sandusky WYNT 95.9 rk
 OR McMinnville KSLC "90.3 r
 OR Medford KBOY-FM 95.7 rp, affects 2 translators
 PA Greencastle WKSL 94.3 km (country and

middle of the road)
 PA Greenville WEXC 107.1 r (rock)
 PA Palmyra WCTX 92.1 r (old rock), "X-92.1 Memories" (not strict)
 SC Greenville WPLS "98.5 p
 TX Branham KWHF-FM 106.3 k (country)
 TX Cotulla KDCY 97.7, Spanish, k
 TX Dallas KZPS 92.5 rock and jazz, jr
 TX Kennedy KTRN 92.1 k
 TX Tye KTLC 98.3 jb, mono
 UT Ogden KWCR "88.1 rp
 VA Fredericksburg WWHW "88.7 [gospel]
 VA Luray WQAA 103.9 gk [gospel, country]
 VT Burlington WEZF 92.9 m
 WA Hoquiam KGHQ-FM 95.3 gospel and rock, or
 WA Spokane KQSP 98.9 g, still mono
 WV Berkeley Springs WCST-FM 93.5 k
 WV Institute WEYS "90.9 soul and jazz, sj
 WI New Richmond WIXK-FM 107.1 k (very mild country, almost m)
 WI Shawano WOVN 98.3 rm
 AT Red Deer CFCR 98.9 r (rock)
 ON Parry Sound 103.3 CFBO, or is it CKLB, or is it CFLP? All three sets of calls for this station have been sent in, and until proven otherwise I'll dub it CFBO. Its format is m, not known if \$, and its slogan is (or was) "LP-FM."

Off Air, Deleted?

NY Alfred WETD "90.9
 NY Brockport WBKT "93.3—neither of these two stations heard while driving through
 Deletions
 AR Arkadelphia KZ28BT 93.5
 IA Fort Madison KZ52BU 98.3
 IA Ottumwa KZ69CM 101.7
 NE Columbus KZ48BU 97.7
 NE Holdrege KZ76CC 103.1
 NE North Platte KZ69CN 101.7
 NE Superior KZ69CU 107.1
 Above all dismissed for denial of application for extension of time to construct. Status of Beatrice NE KZ85CB 104.9 not known—another cp belonging to the same owner.

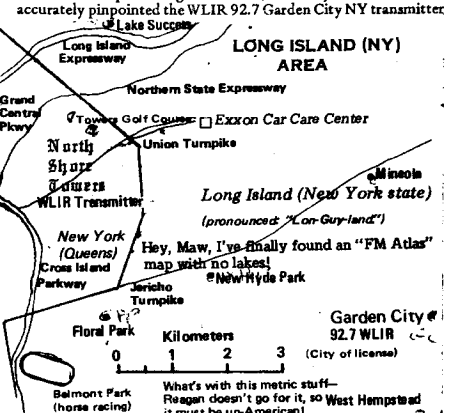
SC Services, 67 and 92 kHz

AR Conway KMJX 105.1 Multicomm. fY, probably at 92 kHz, although reporter claims it is more toward 75 kHz
 AR Jacksonville KEZQ 100.3 fX data, 67 kHz
 AR Jonesboro KJBR 101.9 fU data, 92 kHz (high pitch tones, replacing voice paging) KF1N 107.9 fZ frequency shift data, 67 kHz; fM (easy listening), 92 kHz
 AR Little Rock KKYK 103.7 fPaging, 92 kHz (fM remains on 67 kHz)
 AR Mountain View KWOC 103.3 fPaging, 67 kHz, no 92 kHz fX any more
 CT Hartford WDRCFM 102.9 fG (Dr. Scott, University Network), 92 kHz
 GA Atlanta WARM-FM 99.7 no 67 kHz; 92 kHz fZ data
 IN Fort Wayne WBNI "89.1 has fR 67 kHz, keeps carrier on all night even without main channel programming because of the SCA
 IA Sioux City KGLJ 95.5 fZ
 KS Topeka WIBW-FM 97.3 fZ
 MN East Grand Forks KZLT 104.3 fU, 92 kHz
 MN Fergus Falls KBRF-FM 103.3 fX, Northern Data Communications, Fargo
 MN Little Falls WYRQ 92.1 fPaging, "WYRQ's Alert Paging"

MN Montevideo KMGH 105.5 fU, "TFT Model 730A" remote control
 MN Moorhead KVOX-FM 99.9 fPaging, 67 kHz (had data)
 MN North Mankato KDOG 96.7 fU, 67 kHz
 MN Redwood Falls KLGR-FM 97.7 fS (Martini Unit for special events)
 MN St. Cloud KCLD-FM 104.7 no 92 kHz paging
 MN Willmar KQIC 102.5 92 kHz fX (Market Quoters); retains Muzak 67 kHz/MS Artesia WZIX 100.1 fX, 92 kHz
 MS Kosciusko WBKJ 105.1 fP, 67 kHz, apparently testing for
 MS Oxford WWSM 97.5 fU telemetry, 67 kHz
 MO Kennett KTMO 98.9 fZ data
 NJ Newark WFME 94.7 data 67 kHz, replacing Spanish
 WNWK 105.9 its second ethnic SCA, at 67 kHz, having problems with very low modulation
 NJ New Brunswick WMGQ 98.3 fC (relays AM station WCTC 1450), 67 kHz
 NJ Trenton WPST 97.5 no ethnic; relays their AM, WHWH 1350, 67 kHz
 WKKW 101.5 fY 67 kHz, slow speed data
 NJ Zarephath WAWZ "99.1 ethnic (Italian), 67 kHz
 NY New York WNYC-FM "93.9 no ethnic SCA; open carrier only, 67 kHz
 WYNY 97.1 list 92 kHz as fE, not fM for its Chinese music (67 kHz continues fM)
 WBAI "99.5 has two data SCAs, list 67 and 92 kHz both fX
 WCBS-FM 101.1 has data, 67 and 92 kHz, both fX
 PA Jenkintown WBFB-FM 103.9 ethnic (unidentified oriental), 67 kHz, fX, 92 kHz
 PA Philadelphia WDBD 96.5 fY 92 kHz (slow speed data; retains fM 67 kHz)
 SC Greenville WMOU-FM 94.5 92 kHz fX (67 kHz fM retained)
 TN Jackson WRJX 103.1 no SCA; apparently dropped all SCA activity in Sept.
 TN Memphis WKNO-FM "91.1 fR 92 kHz (various talk, including fTB, remains on 67 kHz; sometimes even relaying area AM stations)
 WRNB 101.1 fU 92 kHz (had paging; now only high-pitch tone; 67 kHz SCA abandoned)
 WGBR 102.7 fM 92 kHz (PRN remains on 67 kHz); now using, on main carrier, strict "The Eagle-102.7, with legal ID made up of the letters W-E-G-R which have occurred in AOR songs of the past, all spliced together. Different."
 TN Milan WYNU 92.3 paging 92 kHz (music remains on 67)
 ON Kitchener CRCA 105.3 fR (foreground music) 92 kHz (music 67 kHz); IDs on main channel as Kitchener-Waterloo-Cambridge
 Contributor, Continued from Rear of Column:
 And Baruch L. Vine, newsletter inventor or investor, somewhere in America's hinterlands. Good listening!

Readers' Reports and Fall News

Two readers sent maps showing where Micanopy FL is, so the dot for WGLV can be placed closer to Gainesville, "just east of I-75, 12 miles NE of Williston and 11 miles SSE of Gainesville. Population is 737," says Nick Lombardi. John Combs also accurately placed Micanopy on the map, and adds, "Micanopy is a very small place, so not surprising you've not seen it on maps. It is as nice little historical town and a mecca for artist-types; i.e., lots of potters, sculptors, photographers, etc. base themselves there."
 Nick, who finds my new Old English type font "interesting to look at" but "best reserved for Christmas cards (it's difficult to read)," contacted WZLI Toccoa GA and found out from Alan Brooks, c.e., what their new height is (see "facilities changes" above). Brooks says "the increased tower height was in response to recent FCC rules which require stations to 'use or lose' certain privileges. To maintain our 100,000 watt, Class C status, we had to raise our tower height. It was decided to move the FM facility to the Stony Mountain area in Rabun county to meet the requirements set forth by the FCC." I checked, and at 48 miles' primary, that would not give WZLI rim-shot coverage into Atlanta. Now, if they had moved their tower to Gainesville. . . (and with WYAY 106.7 Gainesville transmitting closer to Atlanta, that might have been possible!)
 Both "USA Today" and "SCA: Radio Subcarrier Report" newsletter had articles on the sale of Muzak to Marshall Field V of Chicago. Background music subscribers have remained at 135,000 since 1981, and foreground music has scooped in an additional 4,000 subscribers in the limited areas in which it is available. Field also brings with him Yesco, Seattle background music supplier. In certain markets there is overlap, and a question is which will survive, Muzak's foreground "FM-One," or Yesco's foreground "Studio 1000," and whether the firm will continue to be based in New York or move to Seattle. One inside observer, quoted in the newsletter says, "The merger has totally destabilized the market. AEI [Audio Environments, Inc.] and Seeburg should be going nuts about now." AEI, also based in Seattle, is a foreground music supplier, and speculation is that it may get into background music to give the expanded Muzak company more competition.
 Well-known DXpert Gerry Dexter has written a trio of books that may interest WTFDAs. "Shortwave Radio Listening with the Experts" is a 520-page volume covering many aspects of DXing, including FM. I happen to have authored the FM chapter, and the price of that book is \$22.95. The book covers public service band and utilities DXing, but unfortunately not TV DXing. It does, however, discuss computers and DXing.
 "Secrets of Successful QSLing" is a book showing how to solicit reception reports from stations, and is \$9.95. His newest book is "Muzzled Media—How to Get the News You're Missing," with publication expected by the end of this year. This book covers international radio from the aspect of newscasting. It can be ordered at \$8.95. Send \$1 for shipping for each book, and order direct from Tiare Publications, PO Box 493, Lake Geneva WI 53147.
 Late word is that I am scheduled to be on ABC Talknet (principally WABC 770 New York) 3 a. m. Eastern Time, the Saturday morning of Jan. 10. Besides in-studio guest WTFDAer Paul Swearingin, the other phone-in guest is expected to be Bob Grove of "Monitoring Times." This program should be more FM and VHF oriented than the one a year earlier. And I want to thank the ANARC executive committee for naming me 1986 "specialty band DXer of the year." A nice framed award came via UPS.
 One Huson A. Willen did a comparison of my "FM Atlas" with the National Radio Club's Domestic Log for AM stations. He'd like to see a 3-volume compilation, one of AM, one of FM and one of TV stations. He compares what is better about my book and what is better about the NRC's. He likes the grouping under stations under states, the maps ("one who is on a trip can use it to find out what stations broadcast in the next town that one will pass through rather than wasting one's time trying to receive stations that are located too far away to be received"), and the nonIDs. What he likes about the NRC listing is its giving weekly broadcast schedules, call letters in alphabetic order, and mailing addresses.
 Former WTFDA columnist Doug Dornbos writes to say that Finco/Sonim are gone, with Antennacraft having bought some of their manufacturing facilities, "notably the UHF parabolics." A blind customer of mine, who has a modified G-E Superadio with SCSounds, Joan Drezhlo, says "I hope you can continue providing what must be the only way for private people to listen to subcarriers. I am always just a bit afraid the FCC will try to

shut you down. It is even illegal for us to have these tunable sets (?).
 Detroit's Mike Galloway heard early reports about WIOG 106.3 Saginaw increasing power. As you can see, in "Call Letters Changes" above, WIOG and WGER are trading channels, with beautiful music being relegated to Class A status. Mike's DXing efforts are limited, saying he only once heard WLRH 95.7 Grand Rapids "when a local Detroit station, WCZY 95.5 went off the air for technical adjustments for about an hour."
 My other plea for map help was answered by Eric Fader, who sent a nice map showing the eastern boundary area of NYC. He accurately pinpointed the WLRH 92.7 Garden City NY transmitter.

 as being inside Queens. "It's atop one of the buildings of North Shore Towers (not Tower), an expensive (\$500,000 for a 2-bedroom) condominium apartment complex."
 Eric says WQHT 103.5 Lake Success NY's format is identical to WQHT 105.1 Coral Gables FL, and just like the old-style disco WKTU 92.3 used to have. Ralph Strobel says W208AA "89.5 Richmond IN, which is supposed to pick up WCDR "90.3 Cedarville OH, sometimes retransmits WBCL Fort Wayne, also on "90.3. This happens when WCDR leaves the air, and Ralph wonders if it is legal. I would say not, unless the translator has special permission to do this. I could see this happening, since WCDR and WBCL have similar formats. And Ralph has noticed WDHS on "91.1 keeping its carrier on 24 hours a day, which would be illegal, unless WDHS supplies hourly identification announcements. Via a slip he heard KGNZ "88.1 Abilene TX pleading for donations. "Said if you couldn't send money, please pray for them. Before their power increase to 75,000 watts, the electrical bill used to be \$300 a month. Now it is \$1500 per month. . . The information on the new Mexican FM station in Sabinas Hidalgo was from Ralph, via Robert Grant who "did a fine job translating—and you will want to add this to the FM Atlas." This translation service Robert provided is appreciated by Ralph and myself, and I am sure ultimately by other DXers. It is excellent when a DXer who knows another language will translate a tape like Robert (did) Ralph also mentioned he received excellent help from Jeff Kadet in figuring out what some of his Mexican catches were. My favorite Mexican to DX is XET-FM 94.1 Monterrey, NL, which gives a full legal ID between every song, and which I heard while in Monterrey and several times via skip when I lived in NE.
 Roger Winsor sent a nice note, "You do a great job. . . and the WTFDA is indebted to you," along with station news from his area. He feels that I should not lump all religious stations under the "3," sign, saying most are "Jesus-loving stations and not gospel," feeling Ch. for "Christian" is the way to go. He points out that I have multiple symbols for rock stations, and should give more symbols to Christianity. A good thought! Roger, but I hate to invent a new symbol, especially one involving two characters. And to decide which stations conduct doctrinally "correct" Christianity can get a person into a whole new realm of controversy. One of our local stations (WVJ/CAM) calls its format "Inspirational," so possibly a "g" and an "c" could be devised to separate two main religious formats—if my four categories for radio format taxonomy orderings could be adhered to (see Sept. VUD, p. 45). And to have a "g" format a station does not have to broadcast religious music—see WSGS Hazard KY, format news above. Roger says he went through to listen

'86 "Broadcasting Yearbook," and sent about 10 typewritten pages of corrections and errors to them, which were in the by-frequency part on AM. "I received a nice three-page letter thanking me for the information. In his letter he mentioned they were going to include FM power/AAT information in the by-frequency section."

WMKR 106.5 Baltimore has had a poor signal lately, says Joe Fela, and will probably replace their antenna soon. Watch for a facilities' improvement there. An interesting question is asked by Richard Reese. "Is WFYN Key West FL really going to move to 92.3? Seems unlikely with WCMQ at that frequency?" I think so, because WCMQ is a C-1 or C-2 station, not a full C, and 139 miles spacing need be provided between the two. But I see no advantage in it to WFYN, unless WFYN has to move to enable some other station to squeeze in. He also asks about C1FM 97.5 Williams Lake BC, now that C1FM Kamloops is C1FM? I will have to check, but suspect C1FM Williams Lake will adopt a numeral, like C1FM-9, or maybe you could check to see where the numbers go for C1FM stations and which one would most likely be assigned to Williams Lake. I assume they have the same owner.

Want to know bout data broadcasting and optical storage technologies? FM-SCA is partly included in the former, and if you want the complete low-down for \$1250 you can have a copy of the study, "The Market for Data Broadcasting Services," from Robert R. Nathan Associates, 1301 Pennsylvania Ave., N. W., Washington DC 20004. If that is not good enough, how about an oral presentation for \$1850?

When CKLN #88.1 Toronto increased power July 4, "signal in city jumped by 45 dB. CIUT 89.5 Toronto target date Nov. 1," and new station CIRV 88.7 Toronto, mono, ethnic, "calls always given; dominant on 88.7 west towards Oakville ON, then WBFO dominant. . . I like your idea of only listing nonIDs given without calls. It sure will take a while to sort them all out, eh?" William R. Hepburn says the CKO stations, mentioned in Sept. VUD, that must get on the air as a condition of their licence renewal are:

- 99.1 Winnipeg (target date 1985)
- 94.5 Regina (target date 1989)
- 99.7 Saint John (target date 1991)
- 101.9 St. John's (target date 1991)

Longtime radio amateur and DXer Al Ellis comments on getting some of the area's low-power college stations in southern Ontario. "CHRU is almost impossible to get, with adjacent channel stations. . . I do believe they are stereo but use all types of music. Hamilton's CFMU McMaster University, CFRU Royal University, Guelph, both on the same channel, can be easily heard with the present beam, as Guelph is north and Hamilton east by south. Due north is CKWR, an unusual set-up in Waterloo. They call themselves World Radio, as they have no direct as yet connection to Waterloo or Kitchener University." So list as a nonID, the following:

ON Kitchener CKWR #98.7 World Radio.

I asked Gus Mancuso to see if he could tune in WJHU #88.1 Baltimore, but he cannot, because of a local, which I suspect is WMUC College Park MD. He thinks this dial-crowding is responsible for WJTM #88.1 Frederick having to use a directional antenna, and wants to know more about DAs. I don't recall the exact rule, and do not have the rules here, but doubt that an FM station can null their power more than about 10 dB in any one direction. Thus, if you have 50,000 watts on the average, you could cut that down to no less than 5,000 in one direction. I wonder if WJHU is on the air, and at what power, and if in stereo. Seems like they'd have to protect WMUC with a directional antenna.

A reader in eastern MD has picked up WNOR-FM's translator in Kitty Hawk NC. He's received it on 107.1, but it has a permit to go to 103.9. "I am surprised that in nearby Kitty Hawk, literally a hop and skip from downtown Norfolk, they would need a translator for that area. WNOR-FM [Norfolk] comes in like a 'brick' up here in this area, almost 200 miles away." Another translator, W261AX #100.1 Forty Fort PA, now on the air.

Robert Baker sent an article mentioning that KRIT 96.9 Clarion IA has received a building permit to construct a 635' tower in Beaver Township, southeast Humboldt County. This would give KRIT a better signal into Humboldt and Fort Dodge. I have seen nothing from the FCC on this yet.

An article on how CBS' FMX station might be applied to British broadcasting was sent by Greg Monti. The article takes a very cautionary approach (isn't that the way Britons are?) "As Dolby Labs found out when they tested Dolby FM 10 years ago

there are some pretty odd receivers in use out there. If even a couple of listeners complain on a small test, that will translate into vociferous howls when the system is widely adopted in unfavourable conditions. Hasn't CBS learnt anything from SQ and CXI?" Since last month, the station involved in the FMX testing in the U.S. has been identified in the media as WFMT 98.7 Chicago, with the Chicago papers apparently blasting the system, or quoting WFMT engineers who want nothing further to do with FMX.

Howard L. Enstrom, the fellow who's selling FM translators to church groups all over, responds to the article I wrote, "How I built an FM translator—I even thought it was legal." The article reminded him of a "saying in the military. . . if you ask, the answer is no. If you go ahead, nobody cares." His translator newsletter speaks of "dually-polarized (dp)" radiation, and how FM translators can legally send out 10 watts in the horizontal plane and 10 watts in the vertical plane for more intensive coverage of the local area. This is something the regular FM stations have known since 1965, and it's nice to see FM translator technology is catching up! He also promotes the "Fai Atlas," calling it a "dandy reference manual." His newsletter, incidentally, is free, so if you wanna be on his mailing list write PO Box 294188, Boca Raton ("Mouth of the Rat") FL 33429-4188. Maybe his newsletter will tell you why his town has that name!

Latest I have heard on the Electronic Communications Privacy Act is a Sept. 12 letter from Rep. James Oberstar (D-MN): "The subject matters which are covered in this legislation are as diverse as they are complex. For example, it is clear that the users of cellular telephones desire to have their communications protected against interception. At the same time, hobbyists and others who use and operate radio systems want to be able to freely use the radio spectrum. The use of scanners and other devices inevitably and unavoidably results in cellular phone call interceptions. I continue to question the impact such regulation would have on the ability of individuals to enjoy free access to public radio frequencies. Identical legislation awaits Senate action. At this point, it is unlikely that any action will be taken before the Congress adjourns in early October."

Keith Pugh sent an article on how WOCG #90.1 Huntsville has a program, "Huntsville Alive," interviewing a wide variety of people on subjects of interest to Christians, such as AIDS, pornography, home schooling and inner healing. The show is heard Sundays 8:30-9 p. m. WOCG now claims a 65-70 mile radius with its new 25-kw power. Eric Bueneman was in downtown Chicago, and found that WMBI-FM, with its transmitter in suburban Addison, was swamped by the closeby transmitter of WJZZ 94.7. He got much better reception from WJCH #91.9 Joliet, WJZQ 95.1 Kenosha, WHFB-FM 99.9 Benton Harbor MI and WNSN 101.5 South Bend. He must have been in a bad null area for WMBI-FM!

Michael Miranda received his first FM radio in 1966, when he lived in Miami. He notes how much FM has changed there since:

Frequency	Was	Is
87.3	WTBS-FM	WLRN-FM
93.1	WKATFM	WTMI
93.9	WGOS	WLVE
94.9	WAEZ	WINZ-FM
96.3	WGBS-FM	WPQW (just changed from WCIX)
97.3	WIOD-FM	WGTR (just changed from WAIA)
98.1	WEDR	WEDR (the only one that hasn't changed!)
98.9	WWOG	WKGS
100.7	WMJR	WHYI
101.5	WWPB	WLYF
103.5	WWIL	WSHE
105.1	WVCG-FM	WHOT
105.9	WFLM	WAXY
106.7	WFTL-FM	WJQY

"Most of these stations have changed calls more than once. . . Hope this helps your fine publication. Please go easy on the AM radio stations!" Mike is currently a weekend announcer at WBT (AM) Charlotte, and enjoys listening to both bands, saying "AM radio these days offers more variety and is the only place to find true personality radio. Today's tight FM formats have ruined the band for us. This is from someone who has been on the 'inside' of many stations."

Glenn Hauser sent a copy of his "Review of International Broadcasting," Aug. 21 issue, containing a rambling, but provocative poem by Loren Cox, entitled "Satellite Watch." In

Instead of a wheel of the commonweal? WHO WOULD GRANT US RIGHT OR OPPORTUNITY? to see / to hear by electronic means even the most vital information only by proffering what THEY determine to be appropriate payment — "metered information" — to control thy "fount" O nourishing waters; to control thy shape & thy flow that no man shall know except as "they" determine he shall No "freedom of speech" except there be auditors of that speech — not significantly possible in the "electronic age" without freedom of access to — both talk on and listen to — the "airwaves". . .

Yes, "radio hobbyists in this country have been 'intercepting' 'not intended for broadcast' transmissions from terrestrial transmitters for years and years to no one's detriment. . . The radio hobbyist/DXer meets the challenge of trying to see/hear everything that is on the airwaves—JUST BECAUSE IT'S THERE!" The article goes on, but if you want to subscribe to RIB the rates are \$20 in the U. S., samples \$1.50 to box 490756 Fort Lauderdale FL 33349. Glenn's show, the World of Radio, can be heard on WRNO shortwave at times like 8 a. m. Central Sundays on 9715 kHz and 10 p. m. Friday on 6185 kHz.

Three people sent the picture story on WKPT AM using the SAP on UHF television to transmit the former easy listening format of WTFM (FM) to an out-of-town audience in high fidelity. The picture was in last month's column, and appears in a prototype issue of my "EMedia" newsletter. If you have not received the newsletter by early December, send me an SASE and I'll include the prototype and subscribing information. One of the people who sent the article is Matt Sittel, who says WMMT #88.7 Whitesburg KY does not seem to ID at all. "They have a strange format. They played Rick James, then 'Swing Low, Sweet Chariot.' Weird. The DJs cannot talk, forget to turn phonograph on, and have no news, weather or calls. I caught an ID once in about ten tries." Matt sent an article on ratings in Johnson City-Kingsport-Bristol, showing WQUT (FM) at 19.1, WXBQ (FM) 18.9, WTFM (FM) 13.4, WJCV 5.6, WZKY (FM) 5.4, WUJF AM and FM, each 3.1.

Updates from CA from John Jefferson: KYA 93.3 San Francisco, due to loss of old tower, on an inferior site at Mt. San Bruno, resulting in higher ERP and possible "better skip target." K237CA Salinas on 95.3 and KATD 95.3 Los Gatos tangling over interference, but it appears KATD has lost and is resigned to coexisting. KNTD 95.9 Livingston operating at its low power; possibly resolved by now. KQYZ 104.9 Lemoore and its AM affiliate defunct. The farmer who owned the transmitter site evicted the station for nonpayment of rent, and both studio (a trailer) and tower are gone. "It doesn't sound like KQYZ will be back for some while; when it does reappear, likely the owners will try to locate as close to Hanford-Tulare-Visalia, or perhaps Fresno, as possible. Lemoore seems not to be a viable radio town on its own." Due on air in Oct. was KPRX 89.1 Bakersfield, possibly a station that will duplicate KVPR 89.3 Fresno. And John confirms, via akip, that KBLL 99.5 Helena is on that frequency.

Phil Boersma read my article promoting AM's extinction in "Radio World," and says "I think you're right on!" He sent some items from WKJR-WQWQ old files. One concerned FixTune Electronics table radios that got only one FM station. It might have been a good idea to "get your favorite station," but what happens when that "favorite station" changes formats? Another item, probably from about 1971, was NAFMB's Project Auto Radio, with FM broadcasters able to buy an FM auto converter as low as \$22.95 in 24 quantity, or \$19.95 for over 504 quantity. Radio receivers of all types had not gone up in price, despite inflation.

Pete Nolan's "M Street Journal" reports that the NAB has filed a petition with the FCC to delay or halt the scheduled March 1, 1987, automatic downgrading of FM stations to lower classifications under Docket 80-90. The NAB cited the large number of stations so far unable to have new facilities approved, and evidence that the increased diversity of licensees desired by the FCC is already being met through the new stations being applied for. Naturally, the NAB wants to hold down competition and prevent their member stations from having to increase power/height, even if the public interest would be better served thereby. And Pete's paper says "A newly released U. S. Commerce Department study suggests that very few people listen to clear channel AM stations outside their market area."

The study, conducted in rural eastern North Carolina, found only 1.3% of those questioned listened to AM stations more than 100 miles away, with FM stations—even Class C FMs more than 100 miles distant—overwhelmingly preferred." There could be more FM DXing going on out there than we realize!

More on the ECFA: From Marc Maurer, new president of the National Federation of the Blind, who writes: "I am in sympathy with the things you say regarding the need to insure freedom of communications. I trust the restrictions you described will not be made law. If they are, I see no way of enforcing it."

Finally, there has been opposition to my anti-AM article in the form of letters to the editor of "Radio World." Writes Jon P. Grosjean, S. Woodstock CT, "I don't think AM has to die out, because it has some inherent advantages which FM does not. In spite of what Mr. Elving says, DXing on FM is virtually nonexistent, and if you get tired of easy listening or rock music, it is time to try AM again." Bob Brooks, asst. PD, KJR AM-stereo, Seattle: "Goodness! With a mere stroke of the pen, Mr. Elving seems to have eliminated the entire AM band. Elving writes: 'Americans will not go back to AM.' Here in Seattle, those Americans have yet to leave. The two top-rated stations are AM, and one of those is a music-based format. . . Just as FMX holds promise for a new lease on life for disgruntled FM-stereo listeners, AM-stereo listeners can also look to improvements from advancing technology. Impulse noise reduction, dynamic bandwidth control and synchronous detectors all loom on the high-fidelity AM horizon. . . Owing to some grotesque FM audio re-processing, the AM stereo stations frequently sound better than their FM brethren. . . If Mr. Elving's lightly touted crystal ball doesn't get a clear signal on AM's future, not to worry, sir—it's probably just a little FM multipath!"

"While it's true that AM transmissions fade under bridges, and power lines, there are similar quirks in FM reception. Those VHF signals are fraught with picket fencing, multipath and shadow areas. All are around to haunt the mobile FM listener. As the RF spectrum becomes increasingly crowded, let's also remember that AM transmissions require only a tiny fraction of the bandwidth required by commercial FM broadcasters. Perhaps someone would also care to write a few paragraphs on the potential harm of nonionizing radiation from VHF-FM transmissions as opposed to those emanating from AM broadcast towers."

Contributors

Robert Baker, Humboldt IA; Philip Boersma, Spring Lake MI; Eric S. Bueneman, Hazelwood MO; John F. Combs, Jacksonville FL; Tom Cornell, Greentown IN; Gerry L. Dexter, Lake Geneva WI; F. S. Dombrowski, Jr., one of the former chief executives of the WTTFA who returned from a trip to western Canada, where he found telecommunication museums in Calgary and Edmonton. Ferdie still lives in Milwaukee WI.

Also: Doug Dornbos, Grand Rapids MI; Joan Reeds Drezhlo, Troy NY; Albert H. Ellis, Brantford ON; Howard L. Enstrom, Boca Raton FL; Eric Fader, New York NY; Joseph Fela, South Plainfield NJ; Mike Galloway, Detroit MI; Glenn Hauser, Fort Lauderdale FL; William R. Hepburn, now living in Thunder Bay ON; John M. Jefferson, Pleasanton CA; Richard Josephson, St. Cloud State University, St. Cloud MN (who did a mail survey of MN FM stations on their use of "CA"—data which is shared above under "SCServices").

Also: Nick Lombardi, Atlanta GA; Gus Mancuso, Hyattsville MD; Marc Maurer, President, National Federation of the Blind, Baltimore MD; Tim McVey, Bolivar TN; Michael Miranda, Charlotte NC; Greg Monti, Arlington VA; Robert R. Nathan, Washington DC; David J. Nieman, Akron NY; Peter A. Nolan, Houston TX; James L. Oberstar, Washington DC; Norval Pagenhardt, Scotland MD; Richard Perrin, Wells ME; Keith Pugh, New Hope AL; Richard Reese, Jersey Shore PA; Ron Seymour, Pittsburgh PA; M. C. Sittel, Kingsport TN; Ralph Strobel, Muncie IN; Peter V. Taylor, San Francisco CA (who shared a coverage map by KCDS #89.9 Angwin CA showing their translators extending north toward Eureka and east to Reno NV).

Also: Stephen Tuara, now of Thorold ON (atop the Niagara escarpment, where both Buffalo and Toronto stations come in well), Huson A. Wilken, Oswego NY, and Roger Winsor, Champaign IL.