

**RAY BREEM SHOW/  
ABC TALKRADIO  
3RD ANNUAL "DX SPECIAL"  
SATURDAY,  
JANUARY 10, 1987--  
0808 UTC**

HERE'S YOUR CHANCE TO PLUG YOUR FAVORITE CLUB AND AIR YOUR FAVORITE DX-RELATED TOPIC ON NATIONAL RADIO! OUR IN-STUDIO GUESTS WILL BE PAUL SWEARINGEN, "MONITORING TIMES" COLUMNIST AND "MUSINGS" EDITOR FOR THE NATIONAL RADIO CLUB--AND STEWART MACKENZIE, PRESIDENT OF THE AMERICAN SHORTWAVE LISTENERS' CLUB--JOINING US BY PHONE ARE BOB GROVE, PUBLISHER OF "MONITORING TIMES", AND DR. BRUCE ELVING, PUBLISHER OF THE "FM ATLAS". LATER IN THE MORNING, WE'LL ALSO SPEAK WITH TOM KNEITEL, EDITOR OF "POPULAR COMMUNICATIONS", AND GEORGE JACOBS, WORLDWIDE RADIO ENGINEERING SPECIALIST--AMONG OTHER NOTABLE PERSONALITIES FROM THE DX WORLD. WE WOULD ALSO LIKE TO HEAR FROM YOU-- IF YOU'RE OUTSIDE THE LOS ANGELES AREA, JUST DIAL 1-(213)-879-8255 DURING THE SHOW. WHEN YOU DIAL IN, JUST LET THE PHONE KEEP RINGING-- WE'LL SAVE YOU A FEW BUCKS, AND ANSWER JUST BEFORE YOUR TURN TO GO ON THE AIR! THIS PROGRAM WILL BE HEARD NATIONALLY--SOME KEY STATIONS INCLUDE WABC/770; WPRO/630; WTKN/970; WERC/960; WJBO/1150; WKIS/740; KPRC/950; KRNN/930; KTAR/620; KABC/790; KFBK/1530; KXL/750 & KGU/760. PROGRAM TIMES MAY VARY A BIT, SO BE SURE TO CHECK YOUR LOCAL SCHEDULE. ANY INFORMATION, INQUIRIES, IDEAS, ETC. ARE WELCOME--JUST SEND THEM

TO: GREG HARDISON  
KABC RADIO  
P.O. BOX 79  
LOS ANGELES, CALIF. 90016

# NWS

January 1987  
Volume 1  
Issue 1  
Deadline: whenever you got it, send it.

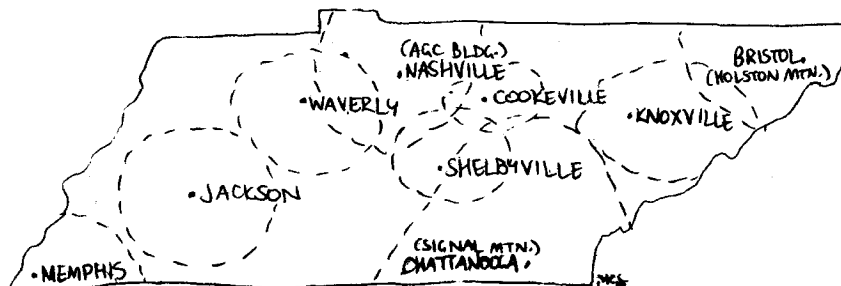
Matt Sittel  
220 Brookfield  
Kingsport, TN  
37663-9777

Hello. I'm Matt Sittel...the one with the long reports? Oh, yeah. Now you know. Well, this is a trial column on NOAA Weatheradio. It is the voice of the National Weather Service (NWS) and broadcasts at 162.40 to 162.55 MHz. Special radios or radios with this band built in can receive broadcasts from the NWS, which can be broadcast to 40 miles or more. In this column, we'll spotlight a state and their NWS stations, review weatheradio receivers, and hopefully get some DX in! So, be on the lookout and listen for tropo or maybe E-skip (like June 11 '86). If you catch anything, or have information on your local stations, or comments, criticisms, etc. Send them to me.

Now then, let's get started. This month I am spotlighting my home state, Tennessee. The information includes city, calls, frequency, power output, latitude and longitude of xmt'r sites (how about that), the xmt'r's elevation (as msl) and height above ground.

city	calls	freq.	power (watts)	lati.	long.	msl	ft. agl
BRISTOL	WXX-47	162.550	500	36.26'	82.06'	4425	122
CHATTANOOGA	WXX-48	162.550	1000	35.09'	85.19'	2180	100
COOKEVILLE	WXX-61	162.400	200	36.10'	85.13'	2064	64
JACKSON	WXX-60	162.550	1000	35.34'	88.48'	605	245
KNOXVILLE	WXX-46	162.475	1000	36.00'	83.56'	1505	150
MEMPHIS	WXX-49	162.475	1000	35.10'	89.49'	575	300
NASHVILLE	KIG-79	162.550	1000	36.09'	86.47'	988	452
SHELBYVILLE	WXX-63	162.475	200	35.42'	86.11'	1438	69
WAVERLY	WXX-62	162.400	1000	36.06'	87.40'	951	113

Nashville's KIG-79 sends out signals to Waverly, Cookeville, and Shelbyville. Everything run on them is the same as Nashville's, except for the forecast. Whereas Nashville's forecast starts "The forecast for the Nashville Metropolitan Area and North Central Tennessee including (for example) Mount Juliet." The forecasts are changed in Nashville for each area, like "The forecast for Cookeville, Crossville, Beech Grove, Tullahoma, Sparta and vicinity." KIG-79 is broadcast from atop the American General Center in downtown Nashville, thus giving them the 452' agl distance. They have an average signal, which is surprising for their height. Bristol's NWS goes a much farther distance. Below is a map of Tennessee and its NWS stations and their approximated coverage areas.



Chattanooga's signal packs a huge punch. When you reach the Cumberland plateau, at about mile 340 on Interstate 40 near Rockwood, it has a very strong signal (not to mention the FM and TV-stereo on the FM's and ch3,9,12 on TV (the 5" B/W set--imagine a good set-up!)) On other state areas, I receive Asheville, NC daily. On I-40 at mile 340 you can get Chatsworth, GA, in Jackson, TN you can receive a weak signal from Poplar Bluff, MO's NWS station--at 110 miles. We'll take a look at some long-distance everyday signals on some of those NWS's...some can go over 100 miles! If you have some big distances you know of--let me know. Also, I have tape recordings of every NWS in Tennessee. If you want a copy, get in touch.

# NWS NEWS



Matt Sittel  
220 Brookfield Drive  
Kingsport, TN 37663-9777  
(615)239-9186  
Deadline: the 1st

JANUARY 1987

JANUARY 1987

Welcome to the 2nd edition of NWS News. This time I thought I'd show you how a sample logging would look:

- 1) 11/11 Es 162 MHz+ (meaning no calls said)
- 2) 2100 WXX-27 4.400 TX Austin, non-ID 990
- 3) (forecast, hourly temps, radar, climate data)

Most is self-explanatory. It closely resembles an FM-DX entry. The only change comes in line 3. This is a listing of the programming that was on in the order they came on the sequence. Usually it should be listed as the ID as the first thing, then what came on after it. But, in the case of a non-IDer, as many unfortunately are, then just list them in order that you heard them. If you don't hear a complete rotation, then you could just say what you heard. Also, anything else of interest you heard is worth noting, such as what they say before the forecast. Like-"The forecast for the Tri-City Tennessee Metropolitan Area", "The NWS forecast for Western North Carolina", "The forecast for the KHB-36 listening area", or just "the forecast for tonight", is of interest. Also, if an ID is not distinctly given (that is, the calls are not said), don't worry, I'll fill them in. Now that you know how to write them, send them, so we can have some DX in this column.

**THE Q** Another thing I am adding to this column starting here (this month), is called "The Q". It's a question about NWS weatheradio, to be answered by you. It's a poll, to find out about the whole network of NWS stations. Just write in (or stick it in with your report) the answer. Now, the Q:

"DOES YOUR LOCAL NWS STATION HAVE THE FORECAST BEFORE OR AFTER THE HOURLY WEATHER CONDITIONS? (meaning where local conditions are given, and regional ones as well)"

Now, I know this question is kind of trivial, but it is interesting to note, because some can get tangled in with the other. They try to blend the 2 together. This Q is just to get us started, there will be some good Q's coming soon-so stay tuned! Watch for the results in the next NWS column.

Now, it's time for the spotlight state of the month. Since I already used my home state, I resorted to shutting my eyes and pointing to a state on the US map. Really scientific, huh? Anyway, this month's spotlight state is: Oklahoma.

CITY	CALLS	FREQ.	POWER	LATITUDE	LONGITUDE	FT. MSL	HEIGHT ABOVE GROUND (hereafter known as HAG)
CLINTON	WXX-87	162.475	500	35.34'	98.59'	2360	280
ENID	WXL-48	162.475	200	36.17'	98.02'	1600	340
LAWTON	WXX-86	162.550	1000	34.35'	98.29'	1480	280
McALESTER	WXL-49	162.475	1000	34.58'	95.43'	1270	360
OKLAHOMA C.	WXX-85	162.400	1000	35.34'	97.29'	1546	400
TULSA	KIH-27	162.550	500	36.01'	95.39'	1170	370

Oklahoma has a very good NWS station in WXX-85. It sends out NWS information to all of the stations except for Tulsa. They have some good ID's such as "With an eye to the sky-this is WXX-86 in Lawton, and WXX-87 in Clinton, originating from the National Weather Service in Oklahoma City." Of course, a good NWS station is needed in that area, especially when severe weather is occurring.

Have you ever noticed an NWS station which has a beeping noise in the background? It signifies that the station is operating on low power. Some stations have it when a transmitter has been knocked out, and some have it all the time, such as Sumter, SC which relays Charleston, SC. This does not mean that a 100-watter always has this (which isn't true), neither do networks such as in Oklahoma. It means that they are translators or are operating on low power, lower than is usually broadcast. That subtle "beep" can get to you after awhile, if you listen for the every 5-second beep. It can also be used as a substitute for caffeine, if you enjoy beeps.



73's, Matt

NEXT TIME: The A to Q#1, Q#2, and a look into what some weather advisories really mean.

# EASTERN TV-DX

EDITOR: John F. Combs  
2969 Herschel #7  
Jacksonville FL 32205  
(But see important notice at end of column!)

Phone (904) 389-2451

JANUARY 1987

60 Day Lay-A-Way - We Ship Anywhere



IN THIS MONTH'S COLUMN:



- NORTHERN DXERS THANKFUL FOR MASSIVE THANKSGIVING TROPO OPENING
- BOB SEYBOLD TOPS THE 1000 MARK
- ROD LUOMA RETURNS

It was one of those openings that will be fondly recalled for years. As this column was being typed, word began reaching me of an incredible Thanksgiving week tropo session that brought Northern DXers strong signals of 500-1250 miles from as far as OK, TX, and MO. Several DXers said the opening was like having E-skip on UHF, so intense and numerous were the signals. Dave Nieman reports seeing TX and ME at the same time. Harry Hayes logged 710 mile UHF on a 6' dish in his attic. Due to the incredible nature of this opening, I have included a couple of reports of it that arrived after deadline, and have had to delete a couple of quite dated reports (I apologize if your report was axed). I even dutifully transcribed Glenn Jacobs' report over the telephone! I'm sure there will be many more reports of this super opening in February's column. Hey guys, how about sending those of us in the South a Care package of that tropo?

**Bob Seybold, Bennett Rd., Dunkirk NY**

(EST)

"In general it has been a terrible fall season for tropo up here (Down here, too--jfc) but Nov. 6 made up for a lot plus a few others, so it wasn't a completely dead season. Although Nov. 6 only brought a few super-distant loggings, it was great for actual number of stations seen. Counting regulars and DX a total of 244 stations was seen: 193 UHF (including xlters) and 51 VHF-- and I did very little observing on VHF. 6 stations seen on chs. 18 and 26; 5 each on 16, 19, 21, 22, 23, 28, 32, 38, 40, 44, 66. No vacant channels from 2-69. I am now at 1002 stations." (CONGRATULATIONS on topping 1000 stations, Bob!! Those of you who are fairly new to the hobby may not realize that Bob Seybold is one of the pioneers of TV-DXing. Bob's DXing career dates back almost to the start of commercial television itself, and he has been one of the most faithful exponents of TV/FM-DX over the decades. I'm sure I speak for all WTFDA members when I say that we salute you, and thank you for your immeasurable contributions to the hobby!--jfc)

## OCTOBER 1986

21 T 1630-2400 WKPC-15 (IN) 445 WNDU-16 IN 360 WPBY-33 WV 315  
WTAP-15 OH 245 WHIZ-18 OH 225 WBAK-38 IN 480  
WOWL-15 AL 710 WLEX-18 KY 410 WCET-48 OH 360  
Ft. Wayne Us 315 WVAH-23 WV 310 WIPB-49 IN 355

Also: OH Us 16, 22, 26, 28, 34, 51; IN Us 40, 43; KY Us 41, 53, 53, 57; Lima 27, 35, 44; WNPB-16 NY, WTVG-36 KY, many MI Us.

22 T No time WTAP-15 OH 245 WTWS-26 CT 355 WUHQ-41 MI 315  
WNDU-16 IN 360 WFUM-28 MI 210 WKOI-43 IN 345  
WHIZ-18 OH 225 WBAK-38 IN 480 WAQP-49 MI 245

Also: Canadian Us 15, 18, 24, 32(2), 34, 38, 44, 49, 51, 53, 55 good signals; Syracuse Us; WUTR-20, WNPB-16 NY; Elmira, Binghamton, Plattsburgh Us; OH Us 16, 17, 22, 26, 28, 34, 44(2), 51, 67; WSMH-66 MI.

23-25 T Columbus, Dayton Us all days; WNDU-16 IN (360), WKON-52 KY (395), WCVN-54 KY (360); Lima Us, WOUC-44, WHIZ-18, WTAP-15 OH. "All signals weak but there most of the time--no peaks."

26 T No time WANE-15 IN 315 WJTC-26 OH 295 WHMB-40 IN 400  
WNDU-16 IN 360 WBGU-27 OH 255 WUHQ-41 MI 315  
Dayton 16/22 320 WTTT-28 OH 245 WCET-48 OH 360  
WKAR-23 MI 260 Flint 28/66 210 WAQP-49 MI 245  
WEYI-25 MI 245 WOSU-34 OH 245 WGSF-51 OH 240

31 T 0600-1100 "UHF's to east excellent:" Scranton, Binghamton, Watertown, Utica, Albany, Elmira; NJ/NY 41, 47, 55, 65, 67, 68

BOB'S REPORT CONTINUES ON THE NEXT PAGE --> --> --> --> --> --> --> --> --> --> -->

Seibold (continued)

## NOVEMBER 1986

6 T "Starting at 1200 until 2400 and into early AM of 7th, but dying later and gone at 0600 when I woke up and looked. This was a super opening, with 244 stns seen. All directions open. Some UHF channels 5 and 6 stns deep."

WFIE-14 (KY) 535	WKEF-22 OH 320	WPHY-33 WV 315	WBBF-45 MD 260
WCMU-14 MI 285	WKAR-23 MI 260	WOSU-34 OH 245	WHME-46 IN 360
WLYH-15 PA 215	WVAH-23 WV 310	WNIT-34 IN 360	WMSH-47
WTAP-15 OH 245	WXAA-23 NY 270	WVC-35 MI 315	WSYM-47 MI 270
WMTV-15 WI 515	WIFR-23 IL 500	WLIO-35 OH 280	WCET-48 OH 360
WANE-15 IN 315	WJKL-24 MD 260	WMVT-36 WI 435	WVCB-49 PA 230
WNU-16 IN 360	WEYI-25 MI 245	WCFC-38 IL 430	WIPB-49 IN 355
WNEP-16 PA 200	WJTC-26 OH 295	WPNE-38 WI 455	WFTY-50 DC 270
WNPI-16 NY 205	WCIU-26 IL 430	WBAK-38 IN 480	WTV-51 PA 230
WPTD-16 OH 320	WGBA-26 WI 455	WOLF-38 PA 200	WGSF-51 OH 240
WPHL-17 PA 270	WETA-26 DC 270	WGRF-39 IL 500	WNLG-51 KY
WXMI-17 MI 315	WTWS-26 CT 355	WLVT-39 PA 240	WGVK-52 MI 325
WHIZ-18 OH 225	WKOW-27 WI 515	W39AA IN 315	WKON-52 KY 395
WVTV-18 WI 435	WBGU-27 OH 255	KDUB-40 (WI) 575	WNJT-52 NJ 285
WIFI-18 IN 405	WBRE-28 PA 200	WHMB-40 IN 400	WKGB-53 KY 540
WLEX-18 KY 410	WFUM-28 MI 210	WUHQ-41 MI 315	WTKT-54 MI 335
WUCM-19 MI 245	WTTE-28 OH 245	KXLI-41 MN 740	WCVN-54 KY 360
WXIX-19 (OH) 360	WSJV-28 IN 360	WDRB-41 (IN) 445	WFFT-55 IN 315
WUTR-20 NY 215	WTAF-29 PA 270	WPBO-42 OH 325	WMLF-56 PA 205
WHRM-20 WI 545	WVCY-30 WI 435	WKDI-43 IN 345	WYMT-57 KY 420
WDCA-20 DC 270	WFLD-32 IL 430	WPMT-43 PA 220	WGBS-57 PA 270
WPTA-21 IN 315	KRIN-32 IA 640	WVIA-44 PA 200	WNJB-58 NJ 280
WHA-21 WI 520	WXGZ-32 WI 455	WSNS-44 IL 430	WXIN-59 IN 400
WSBT-22 IN 360	WLYK-32 (IN) 445	WTLW-44 OH 280	WPWR-60 IL 430
WDAU-22 PA 200	WKJG-33 IN 315	WRGT-45 OH 320	WTIC-61 CT 335
WTZA-62 NY 270	WMSH-66 MI 210	WTKK-66 VA 295	WFMZ-69 PA 240
WVRN-63 VA 355	WGBD-66 IL 430	WNPB-67 MD 260	

Also "translators on 63,64,65,67,72,73,76,81,82."

Dave Nieman, Akron NY 14001-9529

OCTOBER 1986	OCTOBER 1986	NOVEMBER 1986	(EDT/EST)
22 T 1130 WHI7-18 OH 281	25 T 0900 W64AG NY 155	7 T 0106 WHRM-20 WI 580	
25 T 0213 W60AJ NY 58	Lowville (WUTR-20) 16	M 0819 KTVO-3 MD 758	
	Cuba (WNED-17) 31	T 2303 WTLJ-54 MI 394	
	0218 W59AH NY 70	NOVEMBER 1986	
	Allentown (WNED-17) 2	M 0816 KTVO-3 MD 758	24 T 0233 WNDU-16 IN 394
	0758 CICO7-13 ON 165	7 T 0032 WXGZ-32 WI 509	0300 WBNS-10 OH 315
	0759 CICO7-6 ON 233	0106 WPNE-38 WI 496	0950 WTVG-13 OH 283

Robert S. Ross, VE3JFC, Box 4373, Station C, London ON N5W 5J2 (EST)

AUGUST 1986	AUGUST 1986	NOVEMBER 1986
1 T 0030 WUTV-29 NY	17 T 2258 WSMH-66 MI	25 T 1700 CKNX-8 ON
5 E 1805 WESH-2 FL	SEPTEMBER 1986	1755 WNDU-16 IN
1815 WRAL-5 NC	29 G 1900 CITY2-31 ON	1800 WPTD-16 OH
1900 WTVY-4 (FL)	"1st day on air"	1829 WYTY-33 OH
1929 WKRG-5 AL	NOVEMBER 1986	1834 WFMJ-21 OH
2300 WBRZ-2 LA	25 T 0140 WBNS-10 OH	1838 CBLT-5 ON
2312 KJAC-4 TX	0230 WCPD-9 OH	1843 CFTD-9 ON
2320 KPRC-2 TX	0329 WTRF-7 (OH)	1855 WGTG-30 OH
11 M 1953 CKBI-5 SK	0500 WTOV-9 OH	1930 CICO12-12 ON
"1st ever MS ID!"		2255 WMCU-14 MI

**MYSTERY CAR:** Recently, while driving in the Orange Park area, I caught a fleeting glimpse of a car bearing a customized license tag (or license plate, as they call them in the North). It was not a Florida tag, and I didn't see it long enough to determine the state of origin. But the custom message was clearly visible: "DX CAR" !!! Wonder who it was? It didn't necessarily belong to a TV or FM DXer, but if it was a WTFDA member, come on and 'fess up!

Rod Luoma, 38540 Five Mile Road, Livonia MI 48154 (EDT assumed)

"Not having reported for a few years, I thought I'd help fill in the leaner winter months. This past June was the first time I've ever been able to ID an Es station over local channel 2 (about 10 miles distant). Equipment here includes a 6' CM dish, a CM 1110 (at 55' and 50' respectively), a 1972 Zenith 19" color, a B-T Ultraverter (tube type), 4 Jerrold Trap-Ease (2 high, 2 low) and a home-built group of preamps in a single chassis containing a low-band strip-line featured many years ago in Radio-Electronics plus 2 FET amps, one high-band and one low-band, all 3 being selected by a rotary switch with a bypass position."

JUNE 1986	JUNE 1986	JUNE 1986
11 E 1725 KTVS-3 CO 1040	28 T 0732 WCPD-9 OH 230	28 T 2239 WRGT-45? OH T
1725 KYCU-5 WY 1090	0733 WGN-9 IL 230	2243 WJTC-26 OH 155
1815 KRMA-6 CO 1140	0734 WWTW-9 MI 160	2246 WPTD-14 OH 210
1833 unID-2 NBC west	1930 WISN-12 WI 250	2257 WKOI-43 IN 230
1837 unID-2 ABC west	2040 WCFC-38 IL 220	2306 WICD-15 IL 310
1844 KTWO-2 WY 1150	2040 WSNS-44 IL 220	2314 WRTV-6 IN 240
1935 KOTA-3 SD 1010	2040 WCIU-26 IL 220	2316 WTHR-13 IN 240
26 T 1820 WAVE-3 (IN) 310	2044 WBBB-60 IL 220	JULY 1986
1835 WLEY-18? KY T	2054 South Bend Us	6 T 0645 WIXT-9 NY 370
2300 WBOV-12 WV 270	2138 WHMB-40 IN 240	0650 WPCB-40 PA 220
2305 CBLT-5 ON 220	2139 WBAK-38 IN 295	0700 WPGH-53 PA 220
28 T 0730 CFTD-9 ON 220	2150 WXIN-59? IN T	0700 unID-55 to S.E.
0731 WTOV-9 OH 190	2209 WILL-12? IL 310	

"Nothing to report since July--the Zenith was out of service for several months and when I repaired it the family set went out, so the DX set got moved upstairs for awhile. All back in order now so I hope to have more to report next time. I sure would like to try a Teknika 6510, but after reading about the image problems it has, I'm hesitant to sink in the money and get something useless with the high power UHF's about 8 miles from here. It would be nice if we could try these things on an approval basis." (Amen! Nice to have you back, Rod.--jfc)

Steve West, 432 Kenmore Road, Havertown PA 19083 (215)449-1472 (EDT/EST assumed)

APRIL 1986	JULY 1986	SEPTEMBER 1986
1 T 2300 Boston Us 260	31 E 1800 unIDs--LA??	25 T 0700 WSTG-64 (MA) 240
MAY 1986	(MUF 88.1 mHz)	0700 WTVS-26 CT 170
10 E 2100 unID-4 CBS	AUGUST 1986	OCTOBER 1986
25 E 1230 WTVY-4 (FL) 860	3 E 1930 KTVY-4 OK 1255	1 T 0800 WGGT-48 NC 380
(MUF 94.9 mHz)	4 T 2300 Boston Us 260	2 T 0730 WKFT-40 NC 370
JULY 1986	5 T 1000 WKFT-40 NC 370	9 T 0900 Boston Us 260
24 T 0600 WKBS-47 PA 180	1000 Raleigh Us	10 "Installed PA-4975"
25 T 0045 WEKW-52? NH T	"I woke up late--	11 T 2000 WEFC-38 VA 315
0045 Boston Us 260	"I wonder what was	2000 WKBS-47 PA 180
0600 WTTA-62 NY 160	"in earlier?"	22 T 0830 WCNV-24 NY 210
0600 WSTG-64 (MA) 240	E 1800 WTVY-4 (FL) 860	23 T 1030 WKFT-40 NC 370
0600 Boston Us	1830 unID-4 MD	NOVEMBER 1986
E 1200 Cuba-5	1830 KETS-2 AR 1010	11 T 0100 WKFT-40 NC 370
26 E 1100 South FL 2/4/5	T 2300 Boston Us 260	22 T 1500 WEFC-38 VA 315
27 E 1400 South FL 2/4/5	14 T 2300 Boston Us 260	25 T 0830 WGGT-48 NC 380
(MUF 107.9 mHz)	15 T 0800 Boston Us 260	0830 WKFT-40 NC 370
1600 Cuba-5		

**EQUIPMENT:** Finco 7' dish, AC-4990 amp (now using PA-4975) at 38', 38-element log periodic at 18', Probe 9 FM antenna at 38' (in the pine tree).

"I have not reported for awhile, mainly because the 1986 DX conditions have been nothing to write home about. This year I put the 38-element VHF log on the garage roof to reduce local signals from Philly, but there was not enough skip to put it to the test. The antenna is now hibernating in the garage. (If it sees its shadow in February, does it mean 6 more weeks of E-skip?--jfc) I noticed the Cuban TV signals are no longer out of sync. There was a good opening on a weekday in late July or early August with WCBI-4 and St. Louis, well into FM from 5 to 7 PM, but I forgot to log which day it was...WMGM-40 tower (Wildwood NJ--jfc) fell into the Avalon swamps. Their temporary 100-foot tower really puts out a poor signal. Channel 63 in Richmond VA is very strong. The new amp really increases scatter reception. I'm receiving scatter from Binghamton, Richmond, even a mid-day logging of WEFC-38! Airplane scatter brings in WGGT-48 NC. Overload is noticeable. I ordered a CM 40 db trap. Now I'm using a Winegard UT-23 Low-Q trap (15 db). Home Shopping now on chs. 68,67,65,61,57,51,31 and 24. This all-night junk makes music videos, pay-TV and even Pat Robertson look good!"

**Citytv**  
Channel 57-Cable 7  
99 Queen Street East, Toronto, Canada M5C 2M1

EASTERN TV-DX

Rich Hertzman, 315 Pine St., Lockport NY 14094 (716) 434-3988 (EST assumed)

"Long time no write! I haven't had much time to do any reporting. Besides, I haven't seen anything worth reporting until the last few days. I have a lot of new catches including a tropo catch of over 1000 miles on 11/28B. If anybody has written me and I haven't gotten back to them, please call me instead. I'll have more of a chance to talk than to write. I have seen some good E-skip over the summer, but probably not enough. (Ah! Can we ever get enough?--jfc) I also made a few changes on the tower. I've got a CM UHF Corner Reflector with a PA-4975 at the top. Then I replaced the homebrew P-7 Fed 4251 CM 7' dish with a P-7 plain with ACP-4800 amp. On the bottom is a 1110 Quantum with 0096C amp. I did have a 3617 Crossfire up, but it had lousy side and back reduction. I also have an 1126 10-element low-band antenna vertically mounted with AC-9260 amp on the back of the garage for E-skip, with fair results. Well, on to the report:"

NOVEMBER 1986

27 T 2000 unID-14 PBS to W
2000 WANE-15 IN 360
2000 WNDU-16 IN 400
2010 WAND-17 IL 570
2010 WTVO-17 IL 535
2020 WLF1-18 IN 450
2020 W010-19 OH 200
2020 WPTA-21 IN 360
2020 WKAR-23 MI 290
2020 WEYI-25 MI 250
28 T 0100 KGMC-34 OK 1129
"Farthest Tr catch yet--got this one on tape!"
1200 WCIU-26 IL 460
1205 WNDU-16 IN 400
1207 WAND-17 IL 570
1207 WFUM-28 MI 240

NOVEMBER 1986

28 T 1207 WLF1-18 IN 450
1210 WIHT-31 MI 275
1210 W0VC-35 MI 360
1210 W0VK-52 MI 355
1215 WFLD-32 IL 460
1215 WKJG-33 IN 360
1215 WNIT-34 IN 400
1215 W0SU-34 OH 300
1220 WKMA-35 KY 620
1220 WL10-35 OH 330
1220 WUPQ-36 OH 270
1220 WBAK-38 IN 530
1220 WCFC-38 IL 460
1220 WGRF-39 IL 535
1220 WFYI-39 IN
(??--isn't this one on 20?--jfc)
1225 WHMB-40 IN 450

NOVEMBER 1986

28 T 1225 WUHQ-41 MI 345
1225 WYZZ-43 IL 565
1230 W0NS-44 IL 460
1230 WRGT-45 OH 374
1230 WHME-46 IN 400
1235 W0VA-47 "over CFMI--where?? (Dunno--jfc)
1235 WPMR-60 IL 460
1235 W0MH-66 MI 240
1235 W0GP-49 MI 270
1235 WFFT-55 IN 360
1235 WXIN-59 IN 450
1235 unID-54 MI
"Christian Network (Probably the new one in Muskegon--jfc)
28 T 1400 W0AD-49 OH 290
1430 W0PB-31 MD 145
2200 W0GN-52 OH 350
2300 WLF1-18 IN 575
2300 W0NX-55 OH 290
2320 WFMJ-21 OH 245
2320 WAKR-23 OH 290
2320 WYTV-33 OH 245

"I have also seen the new WETG-66 Erie PA--not much of a signal to speak of. W0ED-17 has just completed their new 1200' tower in Grand Island, right next door to WUTV-29. This will really stink for DXing to the southwest. 29 bleeds over bad with 1 million watts--I can't wait to see what 17 will do with their 2 million!"

Whoop-De-Do

EQUIPMENT USED: Hy-gain HG-5255 tower, CM Lg. Corner Reflector w/PA-4975 @ 68', P-7 W/CP-4800 @ 65', CM 1110 w/0096C AT 55', FEDW/RG11-U and .500 aluminum hard-line, vertical 1126 10-element low-band w/AC-9260 15' above garage, New Zenith 13" color, Samsung 12" B/W, SL-2300 Sony VCR, Teknika 6510 tuner, 4206 CM trap.

Harry J. Hayes, 9 Henry Street, Wilkes-Barre PA 18702 (EST)

NOVEMBER 1986

27 T 2100 WAKR-23 OH 290
2200 WJET-24 PA 225
2200 W0VZ-25 OH 300
2200 W0CQ-61 OH 300
2200 WCEE-35 PA 225
28 T 1028 W0SU-34 OH 380
1030 WFYI-20 IN 545
1100 W010-35 OH 430
1101 unID-41 MTM show

NOVEMBER 1986

28 T 1200 W0EK-25 IL 710
1200 W0RD-31 IL 710
1226 W0PGH-53 PA 215
1230 WFFT-55? IN T
"Super-55"
1238 W0RG-45 OH 445
"Snowfree entire opening"
1310 W010-19 OH 300

NOVEMBER 1986

28 T 1400 W0AD-49 OH 290
1430 W0PB-31 MD 145
2200 W0GN-52 OH 350
2300 WLF1-18 IN 575
2300 W0NX-55 OH 290
2320 WFMJ-21 OH 245
2320 WAKR-23 OH 290
2320 WYTV-33 OH 245

EQUIPMENT: Finco 6' dish, Winegard PA-4975 amplifier, 2 CM UHF 7206 traps, all installed in attic.

TOTALLY AWESOME!

"A DXer's dream," an E-skip opening on UHF, "the best thing I've ever seen;" the DXers I've heard talk about the 1986 Thanksgiving tropo opening both first and second hand described the opening this way. I'm sure this opening will be known by Northerners as "The Opening" for years to come. Personally, it's the best opening I've seen on UHF in the valley or anywhere. The opening was so strong that my dad noticed WAKR-23 coming in on an unamplified 8-bay he has fixed toward the west for the locals, so my dad really tipped me off on what was happening. Here, right in the shadow of the towers of locals 16,22,28, and 44 the signals from OH and beyond has no trouble with the sidebands of the locals. In fact, I had some lines on local channel 16 here, so strong were the signals." (TUNE IN THE NEXT PAGE FOR THE REST OF HARRY'S COMMENTS)

EASTERN TV-DX

Hayes (continued)

"Glenn Jacobs suggested that I might hold the record for the furthest UHF on an indoor antenna with Peoria at 710 miles. Maybe, if one can call a 6' dish an indoor antenna! One other thing, the temperature outside was below freezing most of the duration of this opening. So much for the tropo and warm weather theory. (Myself, I always thought tropo has little to do with warm weather per se, but rather with the clash of warm and cold air, as along frontal lines. Also, a stagnant high pressure area can cause widespread, sustained tropo, whether it is in July and producing stifling heat, or in November and producing clear, crisp weather. But then, I'm not a propagation expert, so why am I shooting off my mouth?--jfc) The opening finally seemed to die out here about 0300 Saturday 11/29 with only Indianapolis showing up on FM. Those in a better location possibly had conditions longer. Will be anxious to know when the opening actually started."

Glenn Jacobs, RD #1, Box 150B, Moscow PA 18444 (EST)

NOVEMBER 1986

27 T 2016 WXIN-59 IN 573
"In for 36 hours straight!"
2016 WCET-48 OH 503
2016 WLKY-32 (IN) 588
2016 WANE-15 IN 507
2030 WDRB-41 (IN) 589
2059 W010-35 OH 456
2100 KSHB-41 MD 1021
"full color"
2235 WMBD-31 IL 737
2243 KTBO-14 OK 1254
2305 WFIE-14 (KY) 685
2305 WHMB-40 IN 573
"under Binghamton"
2305 Toledo Us 414
2305 WJTC-26 OH 453
2358 WFYI-20 IN 573
28 T 0036 WPTO-14 OH 505
0059 KYFC-50 MD 1023

NOVEMBER 1986

28 T 0106 WAND-17 IL 708
0114 WKJG-33 IN 506
0135 KDNL-30 MD 811
0135 W0TE-28 OH 400
"Local off"
0135 KSNF-16 MD 1063
0155 KLDH-49 KS 1091
0201 W0CD-15 IL 659
0201 W0CS-20 IL 743
0232 WLF1-18 IN 588
0232 WEHT-25 (KY) 688
0258 KNLC-24? MD T
"Relig.--peak S. of Toledo"
0301 W0CP-8 PA 197
0504 WHME-46 IN 555
0508 WTVQ-36 KY 528
0515 WPTA-21 IN 507
0520 WFFT-55 IN 507
0520 W0YC-45 OH 476
(new calls?--jfc)

NOVEMBER 1986

28 T 0527 WTVS-56 MI 416
0555 WDKY-56 KY 550
0556 W0PC-23 PA 166
0603 W010-19 OH 327
0614 W0NPB-24 WV 254
0623 W0GU-27 OH 440
1459 W0GN-52 OH 382
1530 W0AC-67 OH 305
1700 Louisville Us
to Mid-Indiana Us
1800 KDNL-30 MD 811
"Local quality"
2307 W010-7 OH 476
2330 WTHR-13 IN 572
0200 KGCT-41? OK T
"strong zero to WDRB"
0224 W0KRC-12 OH 502
0228 WCEE-13 IL 739
0236 W0BSI-23 MD 801
0803 WTVW-7 IN 674

EQUIPMENT: 7' screened UHF dish w/PA-4975 at 125' AG, Quad stack of 7-13 yagis at 85' AG, 2 19" GE color TVs, 2 Teknika tuners. Location is 1620' ASL.

(George phoned this report in to me. He indicated that there were many more stations logged and that in 25 years of DXing, he had never seen a tropo opening of similar intensity/duration. He has all of the above loggings taped and photographed. George also said that his only significant E-skip logging this summer was a double-hop KBCI-2 Boise ID (2056 miles) at 1522 EDT on 5-25. This was the same date on which several Western NY DXers logged KCRA-3 CA, as reported in a previous column--jfc)

Quite Extraordinary

CHANGE OF ADDRESS: Effective with the March 1987 column (the deadline for which is February 1st) my address will change to: 1308 Willow Branch #24, Jacksonville FL 32205. Reports sent to the old Herschel address will be forwarded, but may be delayed a day or two, and that could mean the difference between your report appearing that month or the next. You can still write me at Herschel until around the 20th of January. I am only moving a few blocks, but to a roomier apartment with a view of Willow Branch park instead of a wall. It is also a second story apartment, and I can hope the slight elevation (and the outer wall that faces roughly northwest) will improve my DX. One bad feature is that I will be right at the level of the power lines, which may mess up SW but hopefully won't have too much effect on TV and FM!

IMPORTANT

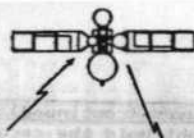


(Logo courtesy of M. Barvinchak)

NOT VALID WITHOUT THIS STAMP

N P B W A L R G B CH \* 8
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C R M G Y B

# SATELLITE NEWS



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

I am going to get to a number of items that pertain to the great shift of programming from Satcom III and Galaxy I to Telstar 303. First a rundown of Satcom III and Galaxy I as it exists on December 7, 1986.

SATCOM III 131°W POLARITY - ODDS/VERTICAL.....EVENS/HORIZONTAL

- Transponder Service
- 1 - Nickelodeon (East)
  - 2 - The Learning Channel and Home Shopping Club II
  - 3 - Trinity Broadcasting
  - 4 - Financial News Network - Telshop
  - 5 - Pay Per View - Ma/Com encoded
  - 6 - Tempo
  - 7 - ESPN Feeds
  - 8 - Q V C Shopping Channel
  - 9 - USA Network (West)
  - 10 - Showtime (West) - Ma/Com encoded
  - 11 - MTV
  - 12 - C V N Shopping Channel
  - 13 - HBO (West) - Ma/Com encoded
  - 14 - CNN Feeds
  - 15 - VH-1
  - 16 - HTN
  - 17 - Lifetime
  - 18 - Reuters Videotext (Day) - E W T N (Night)
  - 19 - Weather Channel
  - 20 - Black Entertainment Television
  - 21 - OUT OF OPERATION
  - 22 - Home Shopping Club I
  - 23 - Cinemax (West) Ma/Com encoded
  - 24 - Arts and Entertainment

Galaxy I 134°W POLARITY - ODDS/HORIZONTAL.....EVENS/VERTICAL

- 1 - HBO Ma/Com encoded
- 2 - Nashville Network
- 3 - WGN Chicago - Ma/Com encoded
- 4 - Disney Channel (East)
- 5 - Showtime (East) Ma/Com encoded
- 6 - S. I. N.
- 7 - C N N Ma/Com encoded
- 8 - C N N Headline Service Ma/Com encoded
- 9 - E S P N
- 10 - Movie Channel (East - Ma/Com encoded)
- 11 - C B N
- 12 - Pay Per View service - Ma/Com encoded
- 13 - C-Span - House of Representatives
- 14 - The Movie Channel (West) - Ma/Com encoded
- 15 - WOR New York Ma/Com encoded
- 16 - Pay Per View - Ma/Com encoded
- 17 - P T L
- 18 - W T B S Atlanta
- 19 - Cinemax (East) - Ma/Com encoded
- 20 - Galavision
- 21 - U S A Network (East)
- 22 - Discovery Channel
- 23 - H B O (East) Ma/Com encoded
- 24 - Disney Channel West

This is probably the last time that these Satellites will be listed with this menu of services. If you refer back to last months VUD you will get a pretty good idea of those services that are planning to move.

In preparation for this movement a number of changes are already taking place.

SelecTV is simulcasting on Telstar 303 (2) and Spacenet 1 (13). It is possible that 2 separate services may be planned.  
Country Music Television Telstar 303 (1) is also now on Telstar 303 (13)  
Telstar Pay-Per-View (Nights) Telstar 303 (18) also on Spacenet I (17)  
KTVT - Dallas, Texas on Telstar 303 also on Telstar 303 (20)  
KMGH, KMGH, and krma Denyar were noted briefly on 3 Satcom I transponders.

'73's

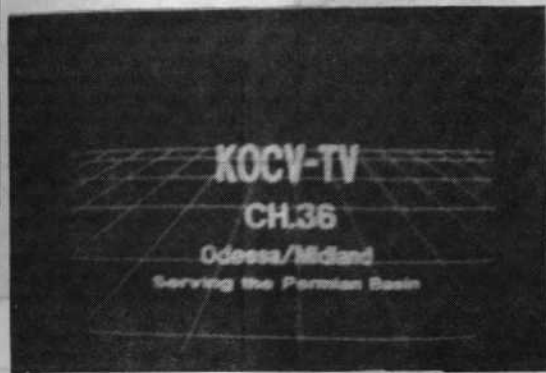
# PHOTO-NEWS

David J. Nieman  
12284 Nice Road  
Akron, NY 14001-9529

JANUARY 1987

Photos limited to no older than 1 1/2 years

We start the new year with more great tropo photos from Jim Pizzi - Lovington New Mexico.



**KOCV-36**  
Odessa/Midland, TX  
100 mile tropo  
seen April 8, 1986



**KPEJ-24**  
Odessa, TX  
100 mile tropo  
seen June 15, 1986



**KRPV-27**  
Roswell, NM  
90 mile tropo  
seen September 10, 1986

Our next Photo News reporter is: Carlton Howington of Akron, Ohio who sent in some pix of his tropo catches.



**WGRB-34**  
Campbellville, Columbia, KY  
340 mile tropo  
seen October 4, 1985  
ch1



**WVAH-23**  
Charleston/Huntington, WV  
190 mile tropo  
seen October 4, 1985  
ch2



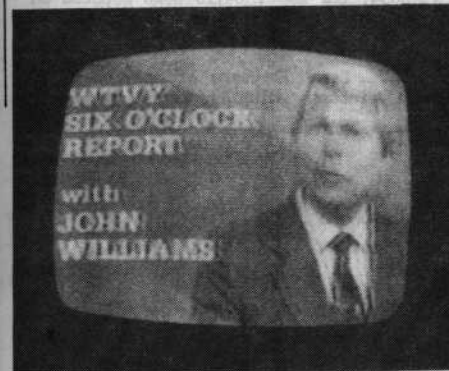
**WLTZ-38**  
Columbus, GA  
609 mile tropo  
seen September 13, 1986  
at 0800 EDT  
chs

Carlton's photo file continues....

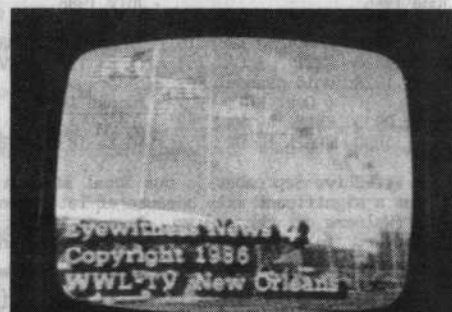


**WXTX-54**  
Columbus, GA  
609 mile Tropo  
seen September 13, 1986  
at 0916 EDT  
ch4

How, I have a few photos of my E-skip & tropo DX from Akron, NY to show you.



**WTVY-4**  
Dothan, AL  
898 mile E-skip  
seen August 28, 1986  
at 1800 EDT



**WWL-4**  
New Orleans, LA  
1110 mile E-skip  
seen August 29, 1986  
at 1329 EDT



**CHRO-5**  
Pembroke, ON  
205 mile tropo  
seen September 24, 1986  
at 0800 EDT

I'm looking forward to seeing some photos from that BIG Thanksgiving day tropo opening.

DAVE

# WESTERN TV-DX

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

Western TV DX

January 1987

January 1987

Deadline: 2- 5-87

"...the best tropo opening ever observed..." (Eckberg), "...the most spectacular tropo session ever experienced..." (Kadet), "...my most tropo to date..." (Pomeroy), "...a fine DX feast..." (Buntin), "...tropo on November 28-29 almost non-stop!" (Bueneman).

Those are the words used by many of this month's reporters to describe a truly extraordinary tropo opening which took place during the last week in November - a tropo opening which carried signals over a thousand mile path from Texas to New York for hours on end. Congratulations to all the DX'ers who were lucky enough to get in on this one!

Since there are quite a number of reports this month of translators translating stations other than their primary station, I want to call attention to a convention of listing translators which I have been utilizing in this column. Following the line listing the call letters and state of the translator is a line listing the city and station translated. If it is the proper station, for example, it is listed as (City KXXX-13); if it is some other station, for example, it is listed as (City w/KYYY-13).

New \_\_\_\_\_ New Mode \_\_\_\_\_ Tent. - t Unidentified - unid S/On - + S/Off - =  
ID Color Bars - @ \_\_\_\_\_ Unid Color Bars - % IHIP - ♀ Misc. Test Patterns - &  
BN Baja California Norte DF Distrito Federal JA Jalisco

Dave Sinclair, 6565 Brooks Street, Vancouver, BC V5S 3J6

PDT/PST

Equipment: Archer antennas: VHF-FM model 15-8654, UHF model U-120 both mounted on separate chimneys 10 feet high, Archer coax wire, Sony colour TV model KV 1215, Electrohome VHS VCR

I am pleased to enclose my first TV-DX report. I am 47 years of age, married. Distances were calculated from John Combs DX distance printouts which I recently received. These are indeed worthwhile.

June 1986	July 1986	10 Es 2000 KCRA 3 CA 757
11 tr 1100 KOAP 10 OR 252	1 tr 0830 KOAP 10 OR 252	15 tr 1100 KOAP 10 OR 252
Es 1430 XHBC 3 BN 1210	11 Es 1300 KTVK 3 AZ 1231	20 tr 1030 KPDX 49 WA 252
1530 KEYT 3 CA 757		31 Es 2200 KTVK 3 AZ 1231
25 tr 1028 unid channel 9	August 1986	2300 KTVK 3 AZ 1231
( Over KCTS- 9 )	October 1986	
30 tr 0930 KPDX 49 WA 252	10 Es 1830 KVBC 3 NV 996	26 tr 0630 KATU 2 OR 252
1030 KOAP 10 OR 252		

Effective September 1, our local station CKVU is transmitting on channel 10. August 31 was a significant skip because of late evening and date.

(Welcome to the column, Dave. I look forward to regular reports of DX reaching Vancouver. fm) (Dave mentions an interest in swapping TV Guide editions. fm)

William Eckberg, 1032 Sterling Road, Dixon, IL 61021

CDT/CST

Equipment: 1966 Zenith b&w tube receiver ch 14N22, modified Zenith 175-1953 detented tuner. Channel Master 1110 VHF antenna. Channel Master 7 foot UHF parabolic antenna with Winegard PA4975 preamplifier on a 40' tower.

September 1986	8 Es 1630 WPBT 2 FL 1229	19 tr 0630 WPBY 33 WV 428
24 tr 0505 KNMT 12 MN 439	1635 Cuba ICR 3 1350	21 ms 0443 KATC 3 LA 809
1s 0455 KSNF 16 MO 413	9 Es 2000 WPBT 2 FL 1229	25 ms 0520 KPRC 2 TX 890
	14 Es 2015 Cuba TR 2 1340	27 ms 0505 KIII 3 TX 1072
	19 tr 0455 WOIO 19 OH 401	30 tr 0410 KSNF 16 MO 413
October 1986	0530 WNPB 24 WV 508	0430 KOKH 25 OK 612
4 tr 0518 KSNF 16 MO 413	0548 WKBN 27 OH 450	0445 KSAS 24 KS 498

I had some unusual loggings. Received KNMT-12 during a rainstorm. It rained all evening and the next day. Unusual conditions for a new logging.

I received my most common tropo station via lightning scatter. I had noted this form of DX before, but never any ID's. Lightning scatter is easier to identify than meteor scatter as the bursts are closer.

William Eckberg (continued)

I had E skip into south Florida and Cuba on October 8, 9, and 14. Cuba is rare anytime, let alone October. From the list of Cuban stations in the July VUD, I've assumed I logged ICR-3 in Santa Clara on October 8 and TR-2 in Havana on October 14. These are the only stations on their respective channels within 1400 miles with any power.

On October 8, I got an excellent picture of their test pattern. It has a very strange appearance with ICRT in the upper left corner. I'm sending it to the photo news editor. On October 14, I watched the news and weather from Cuba. NTV was in the background. Anyone know what that means? If my conclusions on my Cuban loggings are in error, I would appreciate a line. Information on Cuban TV's is hard to come by.

November 1986

6 tr 0335 KSNF 16 MO 413	25 tr 0505 WAEO 49 OH 404	28 tr 0350 KSNF 16 MO 413
18 ms 0455 KPRC 2 TX 890	0515 WNED 45 OH 426	0400 WBNA 21 KY 308
24 tr 1900 WKSO 29 KY 405	0630 W54## 54 OH ???	0425 KXTX 39 TX 738
1915 WYMT 57 KY 449	(Unknown w/W22AE)	0430 KLTJ 49 TX 738
1945 WKMR 38 KY 396	( See Note # 1 )	KWHB 47 OK 519
2200 WQLN 54 PA 481	2000 WBXX 55 OH 404	0505 WAEO 49 OH 404
2305 WNED 45 OH 426	2240 WTLJ 54 MI 189	WNED 45 OH 426
2325 WKBN 27 OH 450	27 tr 0445 KSNF 16 MO 413	WOIO 19 OH 401
2340 WOAC 67 OH 417	1630 KGMC 34 OK 612	0510 WPMJ 21 OH 450
25 tr 0015 WPGH 53 PA 491	1645 KOKH 25 OK 612	0520 WVIA 44 PA 698
0035 WOIO 19 OH 401	1700 KTBO 14 OK 612	0525 WPGH 53 PA 481
0055 W58AM 58 OH 450	1815 WPGH 53 PA 491	0615 KGMC 34 OK 612
(Youngstown w/WRGT-45)	1900 WQLN 54 PA 481	KHNE 29 NE 464
0100 W68BN 68 IN 224	1915 WKSO 29 KY 405	0625 WKSO 29 KY 405
(Fort Wayne PTL)	2000 KGCT 41 OK 519	29 tr 2245 WKSO 29 KY 405
0130 WDLI 17 OH 417	2015 WOAC 67 OH 417	2325 WCAY 30 TN 408
0150 WAKC 23 OH 404	28 tr 0200 WAKC 23 OH 404	30 tr 0008 WYMT 57 KY 449
0200 WFAT 19 PA 549	0205 KAUT 43 OK 612	0440 KSNF 16 MO 413
0315 WDCA 20 DC 669	0210 WHBQ 13 TN 451	0500 WHBQ 13 TN 451
0445 WTRF 7 WV 461	0235 KXTA 21 TX 755	0525 KXTA 21 TX 755

Note # 1 - 11/25 @ 0630 - Any ideas? Antenna heading was toward Bucyrus, Ohio. I watched news and advertising nearly snowfree on channel 54 for one half hour. A channel 22 in the area has a translator which was picking up W22AE. First time picked up LPTV via translator.

The evening of November 27 was the best tropo opening ever observed. KXTA-21 at 755 miles was mostly snowfree for nearly three hours. Also, the band was open 700 miles to the east. I was not home the evening of November 28. November was the best tropo month of the year here.

(Bill, I found through a phone call to channel 22 in Bucyrus that they are moving to channel 54 and are presently operating on both channels 22 and 54. What you saw was LPTV station W54AF. fm)

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

CST

Equipment: Two stacked UHF antennas and preamplifier, 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.

October 1986

3 tr 0952 KJAA 34 TX	7 Es 1508 WFMY 2 NC	30 tr 0558 KOZK 21 MO
1003 KAMC 28 TX	1520 XEW 2 DF	(Also a ch 28 with the same call letters. )
1015 KLBK 13 TX	1525 XEWO 2 JA	
5 tr 0700 K36AB 36 OK	1602 WMAR 2 MO	
(Lawton w/KAFT-13)	9 Es 1907 WFMY 2 NC	
0712 KHBS 40 AR	1922 unid ch 4 PBS	
0714 KJTM 38 AR	14 Es 1705 KUTV 2 UT	
1036 KDEB 27 MO	1717 KBCI 2 ID	
1124 KJRH 2 OK	1829 KTVQ 2 MT	
1133 KTVP 29 AR	2100 WDIQ 2 AL	
1202 KSNF 16 MO	17 tr 0424 KSAS 34 KS	
1306 KPOM 24 AR	24 tr 0600 KLAB 23 TX	
6 tr 0609 RMSS 33 LA	27 tr 0345 KSNF 16 MO	
7 Es 1300 WPBT 2 FL	0510 KSPR 33 MO	
1322 WESH 2 FL	30 tr 0240 KDEB 27 MO	
1435 WCBD 2 SC	0317 K36AB 36 OK	
	(Lawton w/WHO -13)	

November 1986

4 tr KWTV 9 OK
5 tr KOTV 6 OK
KJRH 2 OK
Es WPBT 2 FL
XEW 2 DF
10 tr K28AC 28 OK
(Ardmore w/WHBQ-13)
11 tr KSPR 33 MO
KJTM 38 AR
KHBS 40 AR
KSNF 16 MO
KIVP 29 AR

Jack & David Dudley (cont.) 19 tr KDEB 27 MO Overall, the DX seems to have gone down, though there have been two or three good days. Exceptional E skip events on the 7th, 9th, and 14th of October.

On the subject of E skip, here in north Texas, we seem to receive Mexican stations as much as anything else. Is there any policy of identification times to Mexican stations other than randomness?

KIAB is a new station. It began transmission on 23 October. At present only operating 0600-0900 and 1800-2300. They plan to eventually carry a 24 hour schedule, but at present only carry the eight hours. The Dallas Morning News or the TV Guide do not carry their listings yet.

(Did you see your KOZK on channel 26 rather than channel 28. KOZJ-26, a satellite of KOZK-21, came on the air at Joplin this summer. Also, I don't know where K33AH is located. Can you advise? fm)

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

Equipment: Tri-Ex MW-65' Tower - @ 65', 10 element Antennacraft (hor) into Akai AT-V04 and JVC VT700 with Jerrold FM de-snow; @ 68', Finco P-7 UHF dish with Eu-4s preamp into Sony 8" b&w or Motorola 19" color; @ 72', Winegard CH-7023 (10 elements, chs 7-13) with Winegard AC-9730 preamp into Motorola 19" color. 35 Foot Tower - @ 35', Winegard CH-4054 with Winegard A-215 in house tube amp into Motorola 19" color; @ 38', CM 4250 6' UHF with Eu-4s preamp into 12" Emerson b&w. 20', 10 element channel 2 with Winegard AC-9260 preamp (channels 2-6); 35', CM-1110 with Winegard AC-9990 preamp on 20' push up on garage roof; Channel 2 and FM vertical on 20' push up; Winegard CH-4054 on 10' mast; 25', 10 element Antennacraft FM (vert) into JVC VT900; 13', Winegard CH-4052 with Winegard AC-9260 preamp (chs 2-6).

August 1986

29 Es 1330 unids chs 2-6 se 26 tr 0807 K17## 17 ?? nne 28 tr 0745 K56BQ 56 OK 260 1830 unids chs 2-6 se (Unknown w/CBN) (Frederick KWET-12) (Both above USA) (TX panhandle, KS, NE? 0748 KEDT 16 TX 520 Not new if KDSM.) 0800 K75CG 75 TX 141 30 Es 0730 WSJK 2 TN 1170 0810 K33## 33 TX 291 (Snyder KJTV-34) (Canadian KVII- 7) 31 tr 1820 KMSS 33 IA 560 0829 K29## 29 TX 291 (10 kHz to KDAF) (Canadian KVII- 7) 1821 KLTS 24 IA 560 1844 KEDT 16 TX 520

September 1986

1 Es 1015 unids 2-5 Mexico 26 tr 0755 K43## 43 TX pan (Unknown ABC not KVII) 0757 K45## 45 TX pan (Unknown ABC not KVII) K39## 39 TX pan (Unknown KVII- 7) (Once before 11/14/84) 0758 K41## 41 TX pan (Unknown NBC) 0759 KPIM 42 NE 698 0800 KYNE 26 NE 698 0801 KTIInt 21 IA PBS (Xltr KWET-12, TX,OK?) 14 Es 1830 unids chs 2-4 e K45AU 45 TX 305 2000 WSAV 3 GA 1305 (Booker KVII- 7) 2237 WSB 2 GA 1098 0802 K49## 49 TX 305 28 tr 0739 K54## 54 OK (Unknown OETA) (Booker KAMR- 4)

October 1986

4 tr 0710 Tulsa 23, 41, 47 486 0730 KSNF 16 MO 376 ( All near snow free ) 8 Es 1830 WWL 4 IA 830 1900 WEDU 3 FL 1300 2000 unids 2-6 Mexico 9 Es 1755 WBT 3 NC 1206 1800 WPMY 2 NC 1350 10 Es 1830 unids 2-4 Mexico 2122 K44## 44 TX TBN (Unknown- Ewd Austin) 14 Es 1830 unids chs 2-4 e 2132 KVCT 19 TX 490 2000 WSAV 3 GA 1305 2135 KLDO 27 TX 460 2237 WSB 2 GA 1098 2329 KLAX 31 IA 660 28 tr 0739 K54## 54 OK (Unknown OETA) 2346 WGN0 26 IA 830

Some late season E skip seen, but very brief. A few good tropo dates and a slew of unknown translators.

October 28, channel 54 was OETA and probably a KWET-12 relay as west Oklahoma and Texas panhandle translators were in.

September 26 into Nebraska was excellent with KPIM-42 in color - VCR not set up and no film in camera and long promo and ID!

October 31 - November 1 opening very good with WNOL-38 in color and KITU-34 tearing KJTV-34 apart.

That's it for now. 73's, Jim (Jim, I believe your OETA on channel 54 was K54BB at Duncan (KETA-13?) fm)

Dave Pomeroy, 1169 Webster, Topeka, KS 66604-1502 CDT/CST

July 1986 24 tr 2100 WFLD 32 IL 27 tr 2200 WFYI 20 IN 17 Es 1800 CBFT 2 PQ WMBD 31 IL WKEF 22 OH 2200 WSAZ 3 WV WCIU 26 IL WRGT 45 OH WPTA 21 IN WPMJ 21 OH WAKR 23 OH unid 19 CCI-KCPT WANE 15 IN WCLQ 61 OH WYCC 20 IL WYTE 30 OH WLIO 35 OH WYTV 33 OH K30AL 30 KS 28 tr 0121 K30AL 30 KS 0515 WLXJ 19 KY KLJB 18 IA KTXA 21 TX WIVS 56 MI KDAP 33 TX unid 62 CCI-KZKC KXITX 39 TX WIHT 31 MI KDFI 27 TX unid ch 71 ABC KDNL 30 MO KIIN 29 MN KOKH 25 OK WQOW 18 WI WSBT 22 IN WFLD 32 IL KOZJ 26 MO WCLQ 61 OH 0554 WLKY 32 KY KDEB 27 MO WUAB 43 OH 0600 WIVS 56 MI (Over KSNL-5 mi) unid channel 39 WICD 15 IL KOZK 21 MO K56AF 56 IA 0630 WKEF 22 OH KSPR 33 MO (Clarinda KMIV- 3) WRGT 45 OH =WGTE 30 OH WCLQ 61 OH WQRF 39 IL 0745 WPGH 53 PA WYCC 20 IL 0830 WWPB 31 MO 935 WCFB 38 IL WCVT 36 WI WSNS 44 IL 0900 WOSU 34 OH WYZZ 43 IL WCGV 24 WI WNWO 24 OH WPTV 18 WI WFLH 23 IL 29 tr AM OKC 14,25,34,43 WAND 17 IL KHBS 40 AR WGB0 66 IL WUPW 36 IL WICD 15 IL WFCF 38 IL 1845 WLIO 35 OH WPTA 21 IN 1850 WPTA 21 IN 1900 WXIN 59 IN WPRR 60 IL WRSP 55 IL WHME 46 IN 2130 WNTV 18 WI WNIT 34 IN 1727 WFHL 23 IL WNTV 15 WI

September 1986 25 tr AM KIMA 23 MN KIIN 29 MN WQOW 18 WI KOZJ 26 MO KDEB 27 MO (Over KSNL-5 mi) KSPR 33 MO (Strong!)

October 1986 7 tr 2000 KTAJ 16 MO TBN

November 1986 11 tr KHBS 40 AR Oklahoma City ch 14, 25, 34, 43 1715 KLTJ 18 IA 1727 WFHL 23 IL WAND 17 IL 1730 WGB0 66 IL 1800 WUPW 36 IL 1830 WICD 15 IL 1845 WLIO 35 OH 1850 WPTA 21 IN 1900 WXIN 59 IN WPRR 60 IL WRSP 55 IL WHME 46 IN 2130 WNTV 18 WI WNIT 34 IN

October 1986 7 tr 2000 KTAJ 16 MO TBN

November 1986 11 tr KHBS 40 AR Oklahoma City ch 14, 25, 34, 43 1715 KLTJ 18 IA 1727 WFHL 23 IL WAND 17 IL 1730 WGB0 66 IL 1800 WUPW 36 IL 1830 WICD 15 IL 1845 WLIO 35 OH 1850 WPTA 21 IN 1900 WXIN 59 IN WPRR 60 IL WRSP 55 IL WHME 46 IN 2130 WNTV 18 WI WNIT 34 IN

October 1986 7 tr 2000 KTAJ 16 MO TBN

November 1986 11 tr KHBS 40 AR Oklahoma City ch 14, 25, 34, 43 1715 KLTJ 18 IA 1727 WFHL 23 IL WAND 17 IL 1730 WGB0 66 IL 1800 WUPW 36 IL 1830 WICD 15 IL 1845 WLIO 35 OH 1850 WPTA 21 IN 1900 WXIN 59 IN WPRR 60 IL WRSP 55 IL WHME 46 IN 2130 WNTV 18 WI WNIT 34 IN

24 tr 2100 WKJG 33 IN 1800 WUPW 36 IL 1830 WICD 15 IL 1845 WLIO 35 OH 1850 WPTA 21 IN 1900 WXIN 59 IN WPRR 60 IL WRSP 55 IL WHME 46 IN 2130 WNTV 18 WI WNIT 34 IN

The following were seen at my parents' house in Shawnee Kansas (Kansas City): July 1986 19 tr 0830 WLKY 32 KY WRGT 45 OH

KOLA-15 went off the air (Ottumwa, IA) after 3 months on the air. I saw them only once weakly.

KMCI-38 (Lawrence, KS) is now due on in April while K30AM in Lawrence is evidently off permanently.

KTAJ-16 ID's as St. Joseph - Kansas City with TBN programming. They are 5 million Watts, but poor here due to low tower height. I have better luck with KSNF-16. KTAJ's tower is at Agency, Missouri. They are on 4:30 PM to midnight.

On the 27th and 28th, I saw my most tropo to date, with WWPB-31 the most distant. The signal was weak, but there was no CCI at all, somehow bypassing WMBD-31 which is in here often. WPGH-53 was stronger, but fairly weak with no CCI. WPMJ-21 was quite clear and steady. WRGT-45 is the first channel 45 seen here, WPGH-53, the first on channel 53, WIVS-56, the first on channel 56, and WCLQ-61, the first on channel 61 (other than K61CU).

Danny Buntin, 1312 North Skyline, Stillwater, OK 74705 CST

Equipment: Quasar 1984 25 inch, 4 way bow tie at 20' with Radio Shack preamplifier.

November 1986 27 tr 1956 WSBT 22 OH 785 27 tr 2041 KZKC 62 MO 240 27 tr 1000 WAND 17 IL 520 1957 CKCO3 42 ON 920 2100 KMIZ 17 MO 320 1015 WICD 15 IL 565 2005 WCIU 26 IL 640 WCET 48 OH 740 1029 WICS 20 IL 480 2009 WUTV 29 NY 1080 WHME 46 IN 715 1048 WCFB 38 IL 640 2014 WFBN 66 IL 640 2105 KLMO 51 TX 275 1055 WSJV 28 IN 715 2017 WCLQ 61 OH 910 2150 unid channel 31 1921 WOIO 19 OH 910 2020 WXIN 59 IN 630 2156 WLIO 35 OH 780 1925 WFLD 32 IL 640 2026 WRSP 55 IL 480 2200 WPMR 60 IL 640 1954 WSNS 44 IL 640 2030 WRAUT 19 IL 2220 WNEO 45 OH 920



Danny Buntin (continued) 28 tr 0255 WAKC 23 OH 920 28 tr 1230 WANO 19 IL 520  
0300 KLITJ 49 TX 240 1235 WHMB 40 IN 630  
27 tr 2222 KDNL 30 MO 410 0302 =KTXH 20 TX 460 1753 WOME 20 IL 640  
2258 WEOA 49 OH 920 had to leave until.... 1758 WGTE 30 OH 825

Most loggings new. What a fine DX feast for Thanksgiving evening with WUTV-29 of Buffalo most filling!

Jeff Kadet, Box 20, Macomb, IL 61455

CDT/CST

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'

## October 1986

8 Es 1930 unid ch 4 Mexico 24 tr 1938 W58AG 58 OH 375 (Georgetown WCET-48)  
unids chs 2, 3 2100 CBFT 54 ON 410 (Parkersburg WPBY-33)  
30 tr 0225 OKC 14,25 510 W68BN 68 IN 285 0638 @WQLN 54 PA 555  
0254 K18AMt 18 OK (Fort Wayne PTL) 0711 WBNX 55 OH 475  
0426 K56CA 56 MO 2250 W65AH 65 OH 415 26 tr 2351 WLAX 25 WI 225  
had to leave until.... 27 tr 0517 WWPB 31 MD 670  
0534 W3TAA 31 OH 425 (Newark WOSU-34)

## November 1986

2 tr 2130 WNEO 45 OH 490 25 tr 0636 W57AG 57 WV 480 (Parkersburg WPBY-33)  
WQAC 67 OH 480 2100 CBFT 54 ON 410 (Parkersburg WPBY-33)  
6 tr 0336 & CBLFT 25 ON 610 0638 @WQLN 54 PA 555  
0424 & WVIZ 25 OH 475 W68BN 68 IN 285 0711 WBNX 55 OH 475  
KOKH 25 OK 510 (Fort Wayne PTL) 26 tr 2351 WLAX 25 WI 225  
0506 CITY2 31 ON 525 2250 W65AH 65 OH 415 27 tr 0517 WWPB 31 MD 670  
1650 CBLFT9 40 ON 505 (Loudonville WUOC-44) 0534 W3TAA 31 OH 425  
Srnia, Detroit Us 2320 CBLFT10 48 ON 545 (Newark WOSU-34)  
1723 WTLJ 54 MI 285 2324 W69AO 69 OH 450 1600 WUTV 29 NY 620  
11 tr 2000 KRZB 26 AR 435 (Millersburg w/WXON-20) CBLFT8 61 ON 550  
OKC 14,25,34,43 0025 & CBLCT9 40 ON 505 KXTX 39 TX 640  
KOED 11 OK 415 0033 & CICO32 32 ON 410 1651 CICO18 18 ON 505  
(Best ever) 0054 W39AA 39 IN 285 (TVO test pat.) 1700 CITY 57 ON 610  
W36AB 37 MD 595 (Fort Wayne WXON-20) CICO059 59 ON 455  
2010 KLITJ 49 TX 640 0100 W54## 54 OH ??? 1858 KETA 13 OK 510  
KXTX 39 TX 640 (Bucyrus LPTV) 2005 WFMZ 69 PA 780  
KTXA 21 TX 640 0106 WKBS 47 PA 630 2212 WITBY 54 NY 865  
KMSS 33 LA 580 0119 W36AB 36 MD 595 2230 WIAF 29 PA 810  
KTVE 10 AR 520 (Oakland w/WRHT-31) 2241 WICZ 40 NY 765  
(Under WGEH-10) 2358 WBRE 28 PA 760 2312 K54## 54 OK ???  
2200 WXVT 15 MS 495 W36AB 37 MD 595 28 tr 0042 W48AA 48 WV 620 (Unknown OETA)  
KLIM 13 LA 560 (Phantom xltr WFLD-32) 0049 @WMP 8 PA  
2305 WNTZ 48 MS 625 0121 WQWK 13 WV 455 @WCHS 8 WV 495 (Also ch 23 ID )  
Huntsville 19, 31, 48, 54 455 0126 WTOV 9 OH 515 0129 WLYH 15 PA 750  
2339 WTRT 26 AL 425 0130 WPGH 53 PA 550 0130 WYOU 22 PA 775  
KLMG 51 TX 600 WJET 24 PA 555 0141 WTVS 26 CT 960  
12 tr 0000 =KTXA 21 TX 640 0147 @WTRF 7 WV 520 0213 K28AC 28 OK 575  
0024 WGNK 46 GA 575 (Eastlake WVIZ-25) 0156 W58AM 58 OH 515 (Ardmore w/WHO -13)  
0500 WDBB 17 AL 535 WPXI 11 PA 550 0217 W26AA 26 NY 600 (JamesTown w/WHME-46)  
0530 WIVC 9 TN 475 WIVA 9 MS 450 0312 K66BV 66 MI 405 (Cutting on and off )  
0532 WCLP 18 GA 510 0425 & W67AL 67 OH 500 0425 @WNEP 16 PA 775  
16 tr 2030 WWTOT 35 IL test 0446 & WBOY 12 WV 550 0414 K36AB 36 OK 595 (Lawton w/WTHR-13)  
21 tr 1802 WUNE 17 NC 560 0428 WIAF 29 PA 810 0435 @WKYC 3 OH 475  
1845 WBSN 47 VA 500 (Round ID'd IP ) 0437 @WVIT 30 CT 935 (ID'd test pat )  
( Over WIVP-47 ) 0449 W64AK 64 OH 550 0454 & WENY 36 NY 720 (ID'd test pat )  
1847 WGGT 48 NC 660 0515 @WTAP 15 WV 480 0503 @WNOB 17 NY 620  
1900 WNRW 45 NC 630 0520 WVLA 44 PA 770 1757 W60ABt 60 WV  
2310 WDBJt 7 VA (Mansfield WVLA-44) 1759 WMPB 67 MD 735  
( 0 kHz to KHQA ) W65AH 65 OH 415 (Frederick WMPt-22)  
24 tr 1100 WYMT 57 IN 450 (Loudonville w/WVLA-44) 1844 W62AY 62 MD 700  
WSBN 47 VA 500 0550 WPCB 40 PA 575 1855 WETG 66 PA 555  
1938 W57AU 57 IN 255 0556 & WQED 13 PA 550 1916 WITG 61(NJ) 780 (DE w/NJ xmtr - RATST)  
(Columbus TBN) (Round ID'd IP ) 1925 WTVU 21 MD 735

Jeff Kadet (continued) 29 tr 1032 WBSN 47 VA 500 30 tr 0339 KSAT 12 TX 890  
1100 WPBY 33 WV 455 0408 KBVO 42 TX 815  
28 tr 1932 W72AT 72 PA 735 2145 WLJT 11 TN 350 0408 K28AC 28 OK 575  
(Towanda WVLA-44) 30 tr 0015 WTRT 26 AL 425 (Ardmore w/KERA-13)  
1936 W65AA 65 PA 715 Huntsville 31, 0503 KERA 13 TX 640  
(Canton, Troy WVLA-44) 48, and 54 455 0619 KWTXt 10 TX  
1959 WNTB 58 NJ 850 0045 KXTX 39 TX 640 0624 KXXV 25 TX 725  
2015 WFTY 50 DC 725 0126 KLITJ 49 TX 640 0643 WOUB 20 OH 450  
29 tr 0740 WWHI 68 NY 855 0130 KTXA 21 TX 640 0655 @KTVV 36 TX 875  
0743 WLVT 39 PA 790 0133 KLMG 51 TX 600 0725 KNCT 46 TX 760  
0747 WSNL 67 NY 905 0213 KTVT 11 TX 640 2140 WCLQ 61 OH 475  
0820 WXTV 41 NJ 855 0328 WLYJ 46 WV 550 WUAB 43 OH 470  
0829 WLLG 55 NY 935 (Best ever)

After a dismal August-October tropo season, all #!%&! broke loose here during the fourth week of November. It was the most spectacular tropo session ever experienced by this DX'er.

Furthest east reception consisted of WTWS-26 at 960 miles away. A day later, KSAT-12 was seen at 890 miles, my furthest southern catch and furthest VHF tropo.

Translators from Oklahoma and New York were coming in at the same time. A translator on channel 28 from Oklahoma was picking up WTHR-13 from 750 miles away! Connecticut is tropo state number 30.

One interesting event was seeing W36AB in western Maryland putting WRHT-31 onto channel 36 with heavy WMBD-31 0 kHz offset CCI. It was like having a remote TV camera on the opposite side of the opening. Out here, it was WMBD-31 with heavy WRHT-31 0 kHz offset CCI.

More amazing, though was seeing WFLD-32 video on channel 37. W36AB was picking up WFLD's strong adjacent channel signal and phantomly broadcasting it onto channel 37.

WVHT-68 was in rock solid with their shopping service, dominating the channel for hours. WPGH-53 was a solid regular for two days.

In other news, tentative WTI0-35 was seen testing with a white square against a black background during the evening of the 16th. No ID was caught, but I'm pretty sure that it was them. They haven't been on since. For that matter, KOIA-15 was on for a month or so last June and July and hasn't been seen since either. The only ads they carried were for the Ottumwa Public Transportation System, which could explain something.

W57AU, W68BN, and W54## appear to be relatively new to the air. The channel 54 was parrallel to W22AE, which is apparently no longer scrambled. They gave all sorts of W22AE ID's, but the only reference to channel 54 was a "22/54" atop the screen during a local public service announcement.

K56CA has been on with a color bar test pattern with calls for the past month. I think they have actually kept it on for 24 hours a day. It's location is unknown, but it seems to be coming from the direction of Cape Girardeau. Tentative K18AM, Ponca City, Oklahoma was in with religious programming which is different than the country-western music videos they carried last year. The unID Oklahoma ETV translator on channel 54 has a heading slightly north of Tulsa. 73

(Jeff, refer to Bueneman's report for information about K56CA, my comments after Eckberg's report about the channel 54 relay of W22AE, and my comments after Pizzi's report about the channel 54 OETA translator. With regard to your report of W69AO with WXON-20, isn't that translator's input, channel 44 for WUOC-44? fm)

Eric Bueneman, 836 Lamplight Lane, Hazelwood, MO 63042-3407

CST

Equipment: Samsung 19" color TV, Panasonic 12" black & white TV, el cheapo rabbit ears, UHF bow-tie, Archer VU-110, Winegard UHF antenna with Archer inline amplifier for UHF at 540 feet ASL.

## November 1986

28 tr 0016 WICD 15 IL 150 28 tr 2151 WHIO 7 OH 340  
0020 WHMB 40 IN 240 2218 WISH 8 IN 240  
0032 WPSD 6 KY 155 29 tr 0028 KAIT 8 AR 200  
(On FM receiver) 1800 WRLE 46 KY 330  
10 gw K56CA 56 MO 15 1802 WISU 26 IN 170  
(St. Louis LPTV-ACT'S) 1811 WCIU 26 IL 260  
Evansville 7,14, 25, 44 165 (1st since 1984)  
26 tr 1830 WXLN 59 IN 240 1038 WEVV 44 IN 165  
25, 44 165 1039 WEHT 25 IN 165  
2105 WXIN 59 IN 240 1040 WFLE 14 IN 165  
28 tr 0010 KOAM 7 KS 260 1046 KCPT 19 MO 225  
(1st since 1981) 1336 WYZZ 43 IL 150  
0014 WFIE 14 IN 165  
0015 KSNF 16 MO 250

Eric Bueneman (continued) Tropo on November 28-29 almost non-stop! November 28 had tropo extending from Kansas City to Indianapolis and on the 29th from Springfield, Missouri to Lima, Ohio! This was just as much of a field day as June 10-11!

The big surprises were KAIT-8 (sound only - video was from KOMU-8) and WZTV-17 (nonID as Z-17) with no sign of either WAND-17 or KMIZ-17.

K56CA, St. Louis is now on, signal is far worse than K52AY! With 100 Watts compared to 52's 8.8 kW erp, it's no wonder. That's all for now, so until next report, 73 from E.B.

(Eric, I think the 100 Watts for K56CA is transmitter output power. One source lists the effective radiated power for that station as 1.24 kW and the antenna height as 480 feet above ground level. fm)

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

CDI/CST

Equipment: 7' Finco dish, B-T QMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis with B-T AB-3 (tube type) preamp @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-2026 (lo-band) and Winegard SC713 (hi-band) yagis. Hi-band uses AB-300 preamp. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 60's) (used with antennas on 40' tower), and Panasonic 9" b&w portable.

October 1986				November 1986			
7 tr 0740	WBGU	27 OH	292	19 tr 0700	WUTV	29 NY	445
	WTVQ	36 KY	473		CIII22	22 ON	413
0751	WCET	48 OH	400		WNEO	45 OH	405
	WKON	52 KY	437		WKLE	46 KY	473
8 Es 1750	WEDU	3 FL	1192		WCET	48 OH	400
1814	WESH	2 FL		0716	WKON	52 KY	437
1825	WUFT	5 FL			WKBN	27 OH	420
1830	WJXT	4 FL		0812	WXIX	19 OH	400
	WCPX	6 FL			WPBO	42 OH	461
10 tr 1818	WCET	48 OH	400		WTVQ	36 KY	473
12 tr 2035	WCET	48 OH	400	1030	WOSU	34 OH	395
2045	WHIZ	18 OH	400	1153	CBLF9	25 ON	410
	WOSU	34 OH	395		WDRB	41 KY	437
2137	WITE	28 OH	395	2055	WKPC	15 KY	437
17 tr 1900	WGBA	26 off air		2144	CIII22	22 ON	413
	WTJC	26 OH	368		Cleveland UHF's		
	WCIU	26 IL			(Snow free)		
	Other	NW OH U's		21 tr 0759	WTLJ	54 MI	115
	WOSU	34 OH	395		WHIZ	18 OH	400
18 tr 0604	WTJR	16 IL	378	31 tr 0600	KNLC	24 MO	432
	KDNL	30 MO	432		KDNL	30 MO	432
2045	WNEO	45 OH	405				
	Other	Ohio UHF's					
2053	WKHA	35 KY	553	4 Es 1915	unids	chs 2-4 s	
	WVSN	47 VA	587	2016	KATC	3 LA	
	WKSO	29 KY	538		WESH	2 FL	
	WKLE	46 KY	473	2026	unid	channel 5	
	WCET	48 OH	400	2030	KPRC	2 TX	
	WYMT	57 KY	553	6 tr 0800	WXIX	19 OH	400
	WTVQ	36 KY	473		WCET	48 OH	400
	WOSU	34 OH	395		WIII	64 OH	400
	WPBO	42 OH	461		WTVQ	36 KY	473
	WITE	28 OH	395		WKON	52 KY	437
	WKYT	27 KY	473		WKLE	46 KY	473
	WKPI	22 KY	551		WPBO	42 OH	461
	(Over	WSBT, WKEF)		0822	WDKY	56 KY	538
	WXIX	19 OH	400	0834	WFIE	14 IN	420
	WDRB	41 KY	437		WVUT	22 IN	402
2115	WDKY	56 KY	496	1232	KDNL	30 MO	432
	WGRB	34 KY	508		WKSO	29 KY	538
2134	WSFJ	51 OH	395	1245	WKHA	35 KY	553
2155	WLFX	18 KY	473		WYMT	57 KY	553
19 tr 0335	CITY2	31 ON	347	2024	WDKY	56 KY	496
	CHMT	47 ON	410	2106	WSBnt	47 VA	461
	CITY	57 ON	410	2117	WPTM	43 PA	634
					(Snow free)		

William Draeb (continued)

21 tr 2117	WKON	52 KY	437	25 tr 0700	KDNL	30 MO	432	27 tr 2300	WDLI	17 OH	395
	WMSYt	52 VA			KNLC	24 MO	432		WFMY	21 OH	420
2132	WVAH	23 WV		0818	WUSI	16 IL	405	2320	WYTV	33 OH	420
2146	WBSN	47 VA	587		WFIE	14 IN	420	28 tr	AM	same as previous	
2151	WCAJ	68 AL	768	1239	WEHT	25 IN	420			day, except MO	
	WKMJ	68 KY	437		WCET	48 OH	400			Pittsburgh UHF's	
	WTOT	21 AL			(Snow free)			29 tr 0700	WPBO	42 OH	461
2158	WCLP	18 GA	693	2159	WIII	64 OH	400		WCET	48 OH	400
	(Snow free over				W64AF	64 OH			WXIX	19 OH	400
	everything on				(Commeaut	WVIZ-25)		0800	WVSN	47 VA	587
	channel 18)				CBLF9	68 ON	265		WTVQ	36 KY	473
2200	unid channel 60			27 tr 0830	(Rare)			0815	WMSY	52 VA	617
	(Gadsden, AL t )				Louisville, Lex-				WTVt	42 NC	
2222	WKZT	23 KY	473		ington, Cincy,			0839	WYMT	52 KY	553
2224	WKPT	19 TN	612		Evansville UHF's			1333	(AM DX still in)		
2230	WJUC	44 OH	427		WKON	52 KY	437		WGRB	34 KY	508
2302	WCAY	30 TN	585		WCVN	54 KY	407		WKLE	46 KY	473
	WETO	39 TN	630		WKSO	29 KY	538		WGRB	34 KY	508
2311	WNALE	44 AL			WOSU	34 OH	395		WKHA	35 KY	553
22 tr 0807	WCTE	22 TN	589	0842	WKHA	35 KY	553	1346	WKPT	19 TN	619
	WSJat	28 TN			WPBO	42 OH	461	1400	WCIE	22 TN	589
	WKSO	29 KY	538	0919	WDKY	56 KY	496		WCAY	30 TN	585
	WKHA	35 KY	553		KSPR	33 MO	588		WDRB	41 KY	437
	WYMT	57 KY	553		KNLC	24 MO	432		WKMA	35 KY	499
0830	WCET	48 OH	400		KOZK	21 MO	588		WKSO	29 KY	538
	WBSN	47 VA	587		(Above 3 snw fre)			1410	WSJat	28 TN	
	WKPT	19 TN	612		KSNFt	16 MO			WFIE	14 IN	420
1334	WOSU	34 OH	395		KDEB	27 MO	588		WEHT	25 IN	420
	WITE	28 OH	395		KDNL	30 MO	432		WZTVt	17 TN	
1441	WKON	53 KY	437		WSFJ	51 OH	395	1418	WUSI	16 IL	405
1732	WDRB	41 KY	437		WXIX	19 OH	400	1422	WAFF	48 AL	685
	WPTT	22 PA	480		(Snow free)			1522	KDNL	30 MO	432
	WQEX	16 PA	480		WLCnt	19 KY			KNLC	24 MO	432
2013	WNEO	45 OH	405		Evansville UHF's				WEVvt	44 IN	
	WEOA	49 OH	380		(Snow free)			1757	WMSY	52 VA	617
	WBNX	55 OH	380		CBLF9	68 ON	265		WIII	64 OH	400
2022	WGGN	52 OH	321	1053	WKMJ	68 KY	437	2030	WZTV	17 TN	585
	WPGH	53 PA	480	1620	WHIZ	18 OH	400	2044	St. Louis 24, 30		
2058	WDKY	56 KY	496	2100	WPTT	22 PA	480		over Milwaukee		
24 tr 2012	WCTE	22 TN	589		WITE	28 OH	395	2103	WKGB	53 KY	551
	WCET	48 OH	400		WNEO	45 OH	405	2136	WVUT	22 IN	402
	WKON	52 KY	437		WCGN	52 OH	321	2233	WKLE	46 KY	473
	WTVQ	36 KY	473		WUOC	44 OH	427	30 tr 0710	KNLC	24 MO	432
	WKHA	35 KY	553		WPGH	53 PA	480		KDNL	30 MO	432
	WKSO	29 KY	538		WPCB	40 PA	480		KIVPt	29 OH	
2018	WXIX	19 OH	400		WQEX	16 PA	480	0814	WCET	48 OH	400
	WGRB	34 KY	508		(Peaked at 2213)				WTVQ	36 KY	473
	WDRB	41 KY	437		WEOA	49 OH	380		WKLE	46 KY	473
	WDKY	56 KY	496		WBNX	55 OH	380		WKSO	29 KY	538
					2225	WQAC	67 OH	395	WKON	52 KY	437

Lots of DX, especially during the past week. A few notes: about WPCB-40 and WKBS-47, they seem to be in parallel with one another. Their ID's reflect this also as both stations calls are given no matter which one you watch. (I show WKBS-47 as a satellite of WPCB-47. fm)

New semi-local WTLJ-54, Muskegon, Michigan started on October 21 with 5000 kW at 1000'.

CITY-2-31 (Woodstock, Ontario) was seen on October 19 with the same programming as CITY-57 which was also in.

About October 21 opening: WCAJ-68 surfaced above the snow when WBMG-42 peaked at nearly snow free and WCLP-18 came out of nowhere and overrode everything on channel 18 at the time.

Bob Seybold called this morning (November 30) and said he saw stuff from Texas, Oklahoma, Kansas, etc. Nothing from that particular area here. The reason for his extra long catches (as for mine) was the large amount of ground fog along the Ohio River basin. He was in a better position to take the most advantage of it (lengthwise), as I was unable to do, but only utilized it crosswise. In other words, where you live has to do with the amount of DX you're going to see and not necessarily reflects on the sophistication of your DX set up, although it helps. That's all for now, 73's, Bill

# ANARC UPDATE

## SPECIAL REPORT

We now pre-empt the regularly scheduled ANARC Update for a special report on the Electronic Communications Privacy Act of 1986 from Robert Morvitz, the Government Affairs Liaison for ANARC. The regular Update will be presented next month in its entirety.

### Preliminary Analysis of the Electronic Communications Privacy Act

The Electronic Communications Privacy Act of 1986 (ECPA) passed both Houses of Congress at the start of October. The radio provisions of the ECPA go into effect 90 days after it is signed by the President - that is, sometime in mid-January, 1987. The final draft of the bill is printed in the October 1st issue of the Congressional Record, starting on page S-14441. Here is a preliminary analysis of the new law as it affects radio monitoring.

(Note: The Senate Judiciary Committee's report interpreting the ECPA has not yet been released. Without that report, our analysis cannot be complete or definitive.)

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#### What the ECPA Does

The ECPA amends US Code Title 18, Chapter 119, the federal law governing the interception of "wire" and "oral" communications, to protect a new legal category, "electronic communication." It sets new rules for electronic surveillance by law enforcement agencies, and for investigative access to electronic mail and computer files. It also increases criminal penalties for malicious interference with satellite transmissions.

"Electronic communication" is defined as "any transfer of signs, signals, writing, images, sounds, data, or intelligence of any nature transmitted in whole or in part by a wire, radio, electromagnetic, photoelectronic or photooptical system that affects interstate or foreign commerce, but does not include--

- (A) the radio portion of a cordless telephone communication...;
- (B) any wire or oral communication;
- (C) any communication made through a tone-only paging device; or
- (D) any communication from a tracking device..."

Radio and wire transmissions are thus merged in this new term. However, the new law also retains and adapts the earlier legal definition of "wire communication" as a category separate from "electronic communication." "Wire communication" now means voice telephony, regardless of whether transmission is by wire or radio. The term "oral communication" is clarified to exclude voice transmissions by wire, radio or other electronic means. In other words, non-voice communications by wire are considered "electronic" communications, as are communications by radio which do not involve telephone transmission.

Unauthorized interception of the radio portion of a "wire" or "electronic" communication carries lesser penalties than does interception of the wire segment of the same communication - if it's not for an illegal, commercial or "tortious" [lawsuit-susceptible] purpose. See the "Penalties" section, below, for details.

#### What May Legally be Monitored

- \* Any marine or aeronautical radio communication
- \* Any Amateur, CB or General Mobile Radio Service transmission
- \* Any communication transmitted "for the use of the general public, or that relates to ships, aircraft, vehicles, or persons in distress"
- \* The radio portion of cordless telephone communications linking the handset and base unit
- \* Tone-only paging signals
- \* Certain types of audio subcarriers (to be specified in Senate report)
- \* Signals causing harmful interference to "any lawfully operating station or consumer electronic equipment, to the extent necessary to identify the source of such interference"
- \* Satellite transmissions of "network feeds," some audio subcarriers, and cable programming covered by Section 705(b) of the Communications Act
- \* Any governmental, law enforcement, civil defense, private land mobile,

- (including police and fire) radio communications system which is "readily accessible to the general public"
- \* Any other electronic communication made through a system "configured so that such electronic communication is readily accessible to the general public"

In most cases, radio communications defined as NOT "readily accessible" will be illegal to monitor, unless one of the above exemptions applies. "Readily accessible to the general public" is defined to mean that the communication is NOT:

- scrambled or encrypted;
- "transmitted using modulation techniques whose essential parameters have been withheld from the public with the intention of preserving the privacy of such communication" [the House report says this means spread-spectrum signals];
- "carried on a subcarrier or other signal subsidiary to a radio transmission;"
- "transmitted over a communication system provided by a common carrier" (except for tone-only paging signals);
- transmitted on frequencies allocated under FCC rules part 25 [communication-relay satellites]; part 74(D) [remote broadcast pick-up stations]; part 74(E) [aural broadcast auxiliaries, including studio-to-transmitter links]; part 74(F) [television broadcast auxiliaries & studio-to-transmitter links]; or part 94 [private fixed microwave].

Similarly, marine and aeronautical radiotelephone signals are legal to monitor. (In contrast, phone-patches in the 800 MHz Specialized Mobile Radio service are legally protected, since the phrase "readily accessible" qualifies the exception for private land mobile radio, which includes SMRs.)

The forthcoming Senate report on the ECPA is expected to identify types of audio subcarriers that may legally be monitored, even though the new law declares all subcarriers to be "inaccessible." (Taken literally, that makes listening to FM stereo broadcasts, and the audio portion of TV broadcasts, federal crimes!)

Although broadcast remote pick-up (RPU) stations authorized under FCC part 74(D) are declared to be "inaccessible," they operate near 26, 153, 161, 166, 170, 450 and 455 MHz, usually with city-wide audio coverage. Used by broadcasters to coordinate the coverage of events outside the studio, RPUs can be received on most scanners. Indeed they are favorites among scanner owners because of their newsgathering role. As a result of an amendment introduced by Sen. Paul Simon at ANARC's request, the ECPA creates no criminal liability in monitoring RPUs when the monitoring is for no bad purpose (but see next section for civil liabilities).

#### Penalties

For most unencrypted radio communications protected under the ECPA, intentional unauthorized interception carries a criminal penalty of up to one year in jail and/or a fine of up to \$100,000 - for a first offense which is not for a bad purpose - i.e., "not for a tortious or illegal purpose or for purposes of direct or indirect commercial advantage or private commercial gain."

If it is a "public land mobile radio service" communication (i.e., a cellular or a traditional IMTS radiotelephone call), or any type of paging except for tone-only, and the signal is not scrambled or encrypted, and if the interception is intentional but not for a bad purpose, the penalty for a first offense is a fine of up to \$500.

If the communication is scrambled or encrypted, or the interception is for a bad purpose or is a second or subsequent offense, the penalty is up to 5 years in jail and/or a fine of up to \$100,000.

Intentional interception of an unencrypted part 74(D) transmission, without bad purpose, carries no criminal penalties. However, the federal government may seek a court injunction against a specific interceptor, and assess civil damages of up to \$500. Any violation of the injunction carries with it a mandatory \$500 civil fine, liability for any actual damage suffered by the plaintiff, or statutory damages of up to \$1000.

Any criminal violation of the ECPA exposes the interceptor to civil liabilities (risk of a lawsuit). For any violation other than those described in the last paragraph, courts may reclaim any profits made from or damages caused by the interception, or assess statutory damages of \$100 for each day of violation, or \$10,000, whichever is greater.

The ECPA makes it a federal crime to intentionally intercept, disclose or use electronic communications protected under this Act. Even "endeavors to intercept" are a crime [section 2511(1)(a)]. That is, merely trying to intercept a protected communication is a crime, even if you don't succeed! Under the ECPA, acting on the intention is sufficient to constitute a crime.

Obviously, the exact legal meaning of "intentional" - and the kind of proof required to establish intent in court - are crucial. The House report says intentional means that acquiring the contents of an electronic communication is one's "conscious objective." According to the House report, requiring intent "precludes the application of civil or criminal liability for acts of inadvertant interception." [emphasis added] However, the report adds, "The term 'intentional' does not require that the act was committed for a particular purpose or motive." [emphasis added]

The ECPA thus does not criminalize an act so much as a "state of mind" or attitude relating to the act. Interception achieved by accident is not a crime. Unfortunately, this distinction is rather murky in the case of recreational scanning with a multiband radio receiver. Does casual browsing constitute intentional or inadvertant interception? what about automatic band searches? and what constitutes proof of intent - possession of a frequency list? We hope for answers to some of these questions in the Senate report. In any event, requiring proof of intent should limit a hobbyist's chances of being successfully prosecuted for recreational monitoring that causes no detectable harm to those whose radio communications were tuned in.

Surreptitious Interception Devices

An easy way to enforce the ECPA would be to criminalize ownership of devices capable of receiving protected communications. In fact, the ECPA amends sections 2512 and 2513 of US Code Title 18 in an attempt to do just that. When the new law goes into effect, it will become illegal to manufacture, assemble, possess, sell, advertise or send through the mail any electronic device whose design "renders it primarily useful for the purpose of the surreptitious interception of wire, oral, or electronic communications."

Due to imprecise drafting, the ECPA's ban on "surreptitious interception devices" does not distinguish between electronic communications that are legal to receive and those that are illegal. Depending on how the word "surreptitious" is defined, a AM-FM broadcast receiver concealed in a stuffed animal could qualify as an illegal device; similarly, a microcomputer with a modem and built-in code-breaking software might constitute an illegal device, depending on how the word "primarily" is defined. We can only hope that the Senate report defines surreptitious interception devices in a way that is both clear and narrow. We also hope for insight into the new legal status of subcarrier tuners, voice inverters (simple descramblers), teletext readers, radioteletype terminals with bit-code translation features, and programmable scanners.

**Robert Horvitz**  
Government Affairs Liaison



ANARC News Briefs:

DON HOSMER is ANARC's new Executive Secretary.

I have been elected for another two two year term on the executive council. Other board members are Stewart Mackenzie, Don Moman, Reuben Dagold, Tom Gavaras, and Harold Sellers.

73's and the best of DX in 1987,

*Steven*

Steven P. Sprachman  
15 Berry Lane  
Nicksville, NY  
U.S.A. 11801

# FCC FM NEWS

Arizona's KXMK Changes Format, Cops Translator!

Bruce F. Elving, Ph.D., Editor  
241 Anderson Road  
Esko MN 55733-9413

New FM Stations, Translators Granted

- AZ Cottonwood K212AL \*90.3 (KILA \*90.5 Las Vegas NV translator)
- AZ Page K261BX 100.1 (KCKK 101.1 Kanab UT translator)
- AZ Seligman K220BS \*91.9 (KILA 90.5 Las Vegas translator)
- CA Barstow K204AC \*88.7 (KILA)
- CA Chico K276DB 103.1 (KARZ 106.1 Burney)
- CA Danville K2058L \*88.9 (KEAR 106.9 San Francisco); this translator formerly operated as K237AR 95.3 Livermore.
- CA Fort Bragg 97.7 1600 watts horizontal and vertical effective radiated powers, 450 feet above average terrain, Axell
- CA Lakeport-Lucerne K265CL 100.9 (KIAH 103.3 Ukiah)
- CA Lancaster-Palmdale K201AW \*88.1 (KCRW 89.9 Santa Monica)
- FL Fort Myers \*91.5 3000 horizontal and vertical effective radiated powers, 290 feet above average terrain, g. National Christian
- FL Naples \*90.9 100000 h.v.; 555' g format, Miami Christian College
- FL Trenton 101.7 3000 h.v.; 330', Burckhalter
- HI Kawaihae K288CS 105.5 (KRTR 96.3 Kailua)
- KS Chanute K276UC 103.1 (KCFD-FM 98.5 Tulsa OK); "if we find we cannot get KCFD-FM, we'll change to a different primary"
- ME Madawaska 102.3 1750 h.v.; 385'
- MO Cassville K249CP 97.7 (KKBLL 95.9 Monett)
- MO Jefferson City K276DD \*103.1 (KVCO 90.7 Candenton)
- NV Las Vegas K261BZ 100.1 (KCRR 102.7 Bullhead City AZ)
- NY Corning W228AS 93.5 (WNGZ 104.9 Montour Falls)
- NY Elmira W228AT 93.5 (WNGZ)
- NC Manteo 98.3 3000 h.v.; 305', Costanzo
- ND Williston K249CO 97.7 (KSDY 95.1 Sidney MT)
- OH Wheelersburg W205AE \*88.9 (WCDR 90.3 Cedarville)
- OR Roseburg K280DA 103.9 (KDUK 104.7 Florence)
- TX Amarillo \*89.1 620 h.v.; 415', Caprock Media, g
- TX Dallas \*90.9 100000 h.v.; 1585', Criswell Center, to displace KNON 90.9 Dallas, unless -KNON prevails in expected court challenge. FCC granted Criswell \*90.9 because of KNON's history of non-operation, being off the air 9 out of the last 14 years it has held a license. If KNON is forced to relinquish 90.9, it is not known if Criswell will operate two Dallas stations on FM (which is possible, because of being in the 88-92 part of the dial reserved for education), or if KNON will take up KCBF-FM's former

- frequency, 89.3. In the hearing, KNON was also charged with misrepresentation in the transfer of ownership to the Agape Community House.
- TX Galveston 106.5 100000 h.v.; 470', San Jacinto Bcstg., prevailing in FCC hearing over Marr Broadcasting, KQQK licensee. KQQK to delete if San Jacinto prevails in any court action, or if KQQK elects not to contest this FCC action.
- TX Lufkin K244CT 96.7 (KZZB 95.1 Beaumont)
- TX Nacogdoches K232CJ 94.3 (KZZB)
- TX Paris K285DE 104.9 (KVIL-FM 103.7 Dallas)
- TX Pittsburg 103.1 3000 h.v.; 100 meters, Camp Titus
- TX Sulphur Springs K252CN 98.3 (KVIL-FM 103.7 Dallas)
- UT St. George-Washington K209AO \*89.7 (KILA 90.5 Las Vegas NV; status of K285CD 104.9, also a KILA translator, not known; possibly K285CD will get another primary station)
- WI Algoma W2CMA 96.5 3000 h.v.; 100 m, Egert
- ON Orangeville 103.5 50000 h.v. (middle of the road) music, channel originally allocated to Guelph, 40 km to the south, but opposed by MI Radio, an unsuccessful applicant for an FM station in Mississauga and by CFMX 103.1 Cobourg.

New, Temporary FM Translator  
NM Farmington K272BK 102.3 (KRTZ 98.7 Cortez CO). To be forced off the air, or move channels, when the new KTRA 102.1 Farmington comes on, "but it looks like it will be a while before the 102.1 KTRA facility is built"

Stereo, or to be Stereo  
AZ Arizona City KXMK 106.3. "Cosmic 106," rp (rock and progressive rock), i (Latin/Spanish), with album rock 'til 6 p. m., then Spanish!  
ID Coeur D'Alene KETB 102.3, rm (rock and middle of the road music)  
ID Idaho Falls KFTZ 103.3 (lock) (MT Have  
ID Weiser KWEL-FM 99.3 (KXE) 95.1, affects two translators  
VT Rutland WFTF \*90.5, g, ON  
AIRI 720 watts h.v.; minus 171 m, affiliated with Moody network, via satellite

NOT IN STEREO - Remove \$ Listing

ID Twin Falls KCIR \*90.7 + translators  
PA Jersey Shore WJSA-FM 93.5

Facilities Changes Granted

- AL Florence W269AV 101.7 changes primaries to WKDF 103.3 Nashville TN (from WBTG 106.3 Sheffield)
- AL Monroeville WMFC-FM 99.3 100 meters (3000 h.v.)
- AZ Sunflower K276BZ 103.1 has KXMK 106.3 Arizona City on it, not KJJJ 103.9 Payson
- AZ Tucson K288CO 105.5 has KAMJ-FM

- 101.5 Phoenix on it, not KJYK 94.9 Tucson
- CO Pueblo KATW 100.7 63000 horizontal and vertical, 1205 feet above average terrain
- CT New London WTYD 100.9 330' (3000 h.v.)
- FL Daytona Beach WTVL V 94.5 1200' (100000 h.v.)
- FL Miami WMCU \*89.7 adds vertical polarization, 100000 watts horizontal and vertical, 299 meters above average terrain
- FL Pensacola WQWV 107.3 1420' (100000 h.v.)
- ID Boise KLTB 104.3 52000 h.v. (2570')
- IN Fort Wayne WEVZ 101.7 330' (3000 h.v.)
- IN Hammond WYCA 92.3 directional antenna
- IA Waterloo KFHW 107.9 76500 h.v.; 1110'
- KY Jackson WJSN 97.7 650 watts h.v. (610')
- LA Tioga KISY 98.3 330' (3000 h.v.)
- MI Tawas City WKJC 104.7 50000 h.v.; 150 m
- NM Albuquerque K288CX 105.5 no longer carries KBOB 98.5 Los Alamos, but has KNYN 95.5 Santa Fe
- NC Goldsboro WEQR 96.9 99500 h.v.; 300 meters
- OK Oklahoma City KEBC 94.7 423 m (100000 h.v.)
- OR North Bend KOOS 94.9 (from 100.9), 15000 h.v. (590')
- OR Salem KXYQ 105.1 1840' (100000 h.v.)
- PA Chambersburg WIKZ 95.1 50000 h.v. 42000 v, 137 meters, directional antenna
- SC Port Royal WOCC 99.7 95000 h.v, directional (369 m)
- TX Denton KNTU \*88.1 directional, protecting Mesquite to their southeast and Keene to the south
- TX Galveston KQQK 106.5 700' (100000 h.v.); Lut look above to see what is happening to KQQK!



TX Keene KJCR \*88.3, to be \$[tereo] in next 12 months, directional, protecting Mesquite, Denton, and a TV channel 6 station between Waco and Temple, about 80 miles to the south.  
TX Mesquite KOEM \*88.3 directional to the east. With Denton, Keene and Mesquite each being directional, they avoid having to share time, as was originally proposed when KOEM was granted  
TX Temple K257DA 99.3 (from K265BY 100.9)  
VT Vergennes W1ZN 106.7 (from 106.3) 50000 h.v.; 114 meters  
ON Wingham CKNX-FM 101.7 70000 h.v. (710')  
PO Riviere-du-Loup CIBM 107.1 100000 h.v. (1100')

Formats

- AZ Glendale KFFR 92.3 rs ("at least half urban product")
- AZ Phoenix KAMJ-FM 101.5 (and translators) Format 41, mr (middle of the road and rock), as I will be calling all Format 41 stations)
- AZ Tempe KUPD-FM 97.9 (and translators) rp
- AZ Tucson KLPX 96.1 rp
- AZ Yuma KYXI 100.9 mr (Format 41)
- CA Los Angeles KLOS 95.5 (rock), affects 1 translator  
K100 100.3 mr (affects 2 translators)  
KBIG 104.3 mr, leaving KJOI 98.7 the only beautiful music station in L.A.
- FL Miami WPOW 96.5 (to go to, from 96.3) now s (urban or "soul")

Listen for "Stereo Soul," 89.9 from Mexico!

GA Nashville WVEZ 95.3... AZ Tucson K280CZ 102.9... ME Portland WWTG-FM 97.9 WGT, "announcers drop the first 'W' when identifying WWTG; it's neat to be the only station in the market that has three [sic] call letters..."

NonIDs, Often Displacing Call Letters In On-Air Mentions

AL Athens WZYP 104.3 no nonID, not saying "ZYP" any more... AZ Casa Grande KBST 105.5 KB-105, rm (Satellite Music Network)... CA Los Angeles KLSX 97.1 Classic-Rock 97.1



ME Portland WWTG-FM 97.9 WGT, "announcers drop the first 'W' when identifying WWTG; it's neat to be the only station in the market that has three [sic] call letters..."

GA Nashville WVEZ 95.3... AZ Tucson K280CZ 102.9... ME Portland WWTG-FM 97.9 WGT, "announcers drop the first 'W' when identifying WWTG; it's neat to be the only station in the market that has three [sic] call letters..."

Deletions

CO Durango K272AM 102.3, "This translator has not been operational, to my knowledge, for some time..." TX Sulphur Springs K252DQ 98.2, replaced by K252CN (see New Stations, Translators Granted, above)

Call Letters Granted

AL Alexander City WSTH-FM (WSTH); nonID assumed retained... AK Ketchikan 106.7 KGTW... CA Chualar \*30.9 KHDC (from KUBO)...

NC Hendersonville 102.5 WMYI (WKRT) January, 1987... TX Austin 95.5 KAMJ (KJLT) "Magic" TX Jaminia 103.7 KWZD (KRBS)...

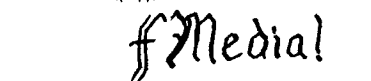
Favorites, VUD Columns

CA San Diego KLZZ-FM 105.5 frequency missing Nov., p. 55... FL Lakeland WCFE p. 41, col. 3, Sept., p. 97 (not 9C)...

Deletions

CO Durango K272AM 102.3, "This translator has not been operational, to my knowledge, for some time..." TX Sulphur Springs K252DQ 98.2, replaced by K252CN (see New Stations, Translators Granted, above)

FCC--FM KY Paducah WKY2 95.3 apparent new no. ID, "24 Carol Country," Smolarek... ME Belfast WVEZ 104.7 not known if station is Stereo or not... ME Lewiston WVEZ 93.9 questionable format change to rock from R. Belmont, p. 24...



See Jan. issue of fMedia (my new newsletter) for the following features: "Flukes, 10th ed. FIA Atlas," "Multi-City Identifications," "FM Rule Making Proposals," "FBI Rulemakings, Finalized (with filing window dates)," "SCS-erivies, 57, 67 and 92 kHz..."

Editorial content of fMedia will only be partially simulcast with the VUD's "FCC-FM Column," with considerably more original writing that I plan to do. A feature I plan to put into the first issue is "FM Radio Still Needs Help," harping on the need for mandatory all-channel FM-AM radio legislation...

Deadline for fMedia will be later than for this column, with later news in the newsletter, but it may arrive later in the month than does the VUD. In fact, my continued ability to do the VUD column is in question, and I may have to give this column up, or reduce it to a fraction of its former size...

Readers Reports

"Marty Bravinchak's idea to use 'a' for album oriented rock is an interesting one. For many years, album rock has been represented by a dual 'R' symbol, under the assumption that it's somewhere between rock (r) and progressive rock (p), or a mixture of the two..."

Pirate "WLIV" Surfaces, Reveals Phone Number! conclusion, you would eventually run out of letters of the alphabet, and there would be endless debate and disagreement over what program format codes to assign to a given station... Greg Harrison contacted me about the ABC Talkradio show to be on the early hours of Jan. 10, 1987...

Greg Harrison contacted me about the ABC Talkradio show to be on the early hours of Jan. 10, 1987. I'll be a guest, via telephone, from 2 a. m. to 4 a. m. Central Standard time. The station lineup has been expanded to include WSB 750 up Atlanta. The station has a toll-free number, (800) 972-2255, so you may wish to call them to find out more about when they carry the show...

Re, the Nov. VUD, and references to WSGS 101. Hazard KY. Matt Sittel asks: "What does 'obnoxious hillbilly music' is that bluergrass music with local singers? I haven't heard it, but there is a reason. This area of Kentucky is full of coal mines and illiteracy, Civilization, yes, but modern, no. Take WMMT #88.7. They are about 45% soul, 40% country, 5% EZ and jazz..."

Also not yet on: WCSF 96.7 Clifton Park and WNYQ 98.3 Rotterdam NY. And from the west coast, here are some translators not on: K209AL \*89.7 Queens, K205AB \*88.9 Aberdeen and K209AD \*89.7 Raymond, all for KAOS Olympia WA. Also, KPLU Tacoma translators K217AY \*91.3 Ft. Vernon, K218AP \*91.5 Port Angeles and K212AG \*90.3 Raymond WA were not heard. John Adams sent a map showing Canada time zones, and an article on Portland area ratings (KKRZ 100.3 is No. 1). Radio listening there is now being measured 48 weeks a year rather than just twice. This will make it more difficult for stations to stage contests during ratings periods to "hype" their ratings. And John wonders, with the U.S. starting Daylight Saving Time about three weeks earlier this spring, will Canada also start DST earlier? KKRZ 100.3 Portland OR supposedly on the KRCW-FM, KOAP-FM tower, but I see no indication that they have a c-p to change their height.

Ohio's Bill Fitt noticed tropo up, on both FM and TV, so called his local TV weatherman and learned that the weather radar was getting lots of false reports, and attributed this to "heavy air." The weather person said the "problem" would break up in about an hour, and sure enough, DXing did return to normal in about an hour. Now, when DXing is up, would it pay to call your local weatherperson to find out how long the good conditions will last? Bill has his DX on computer, and can be reached by electronic mail at CompuServe user ID 71406,555.

six-month deployment in the Persian Gulf. I am interested in writing into the WHP-UPF Digest about my FM experiences over here and throughout my transit through the Atlantic, Mediterranean, Suez and Red Sea. Perhaps I could be a foreign correspondent for the VUD? His address, if club HQ, or any member with ideas as to how he could contribute is 88USS O'Bannon DD-987, FPO Miami FL 34092-1225. His letter was in long-hand, and he'd either have to type his reports on a good quality typewriter or word processor, or send them to somebody here having the time to type them.

Gus Mancuso writes to say that WMUC #88.1 College Park MD is "unchanged, but coverage greatly reduced, especially to the north and east," now that 10-kw WJHU Baltimore is on 88.1. Latest is that the 10-watt WMUC has applied (again) for 87.9 MHz. An article Gus sent is about how the hearing-impaired benefit from FM technology. Students at Johns Hopkins University and Columbia Union College, Takoma Park MD, have been testing small FM devices, which have lightweight headsets and tiny receivers. "Students can wear them with or without hearing aids, and can adjust them for tone and volume. Instructors wear small microphones, which broadcast the FM signal." Students will also wear them on field trips, and I have seen similar devices worn by people in McDonald's, making it easier to hear the food orders in the noisy confusion of those restaurants. They're available in a variety of consumer and electronics catalogs. I believe most operate in the 49 MHz band, but it's possible some of the devices could be made to work in the 88-108 MHz band.

Bob Grove, publisher "Monitoring Times," writes and says how he looks forward to sharing the spotlight with me the early morning of Jan. 10 on the Ray Briem show. "That's an awful early time to get up though, isn't it?" And Bob provided a fine review of my publication in his newspaper (for more information on his publication and electronic equipment, write MT at 140 Dog Branch Road, Brassstown NC 28902).

Fellow editor Joe Fela, in subscribing to FMedia! does so "based on the assumption you will either pull your column out of the VUD or delay its appearance in it." During the first month or two it is hard to say which you will read first, but I am getting enough material now to fill FWO columns, and will design them for different readers, so long as I am doing both. Waldo Bishop says he may subscribe "just to have the larger print." "After a two-year absence from the WTFDA, I look forward to once again keeping up to date with developments in the exciting world of FM radio," writes Timothy Brown. He mentions a shortage of good, professional radio in Toronto, and wonders how that city would up with so few FM frequencies back in the sixties.

An article in the Manchester NH paper about "WCRN," a Christian station occupying the 67 kHz channel on WHOM 94.9 has resulted in some added interest in SCA by local folk, resulting several orders from WCRN for adapters, which I am supplying. WCRN offers 24-hour Christian programming, received by satellite from Moody. Still on 100.1 is WJST Woodstock NY, which has not yet gone to 102.3.

In commenting on the format for KNMC #90.1 Havre MT, Richard Reese says "I have found some of these 'canned' programs can be a source of formats, since they sometimes mention stations that broadcast them."

An FMedia! subscriber says that CIUT #89.5 Toronto still off the air as of Dec. 5, and that "CIRV 88.7 is so weak I can hardly hear it in North Toronto—have no idea where their transmitter is—but I think it does take commercials, so watch your reference to it as 'noncommercial.'" Late word from CIUT's engineer is that they will be doing some test broadcasting at 15 kw in December, but "CIUT officially goes to air Jan. 15, 1986." Bill Fahber sent an article from a religious paper mentioning that WKOC Kankakee IL is now on 18.5 hours a day with religious and classical music, and claiming a 60-70 mile radius at #89.7. Tom Yingling sent a copy of an article in the Nov. 24 "Broadcasting" magazine about WRNJ (AM) Hackensack NJ, which is petitioning the FCC to open an FM band from 225-230 MHz, with daytimers given the first choice of frequencies therein. WRNJ matter for WRCO.

Prof. Don Toland sets up remote transmitters on 227.5 MHz in Hackensacktown. I'll probably write more about this in FMedia!

Lary Weil: "Congrats on your plans to publish FMedia. I'm sure that even though the mock up that you sent looks just like



one of your VUD columns that I hope you have plans to push your editorial material much further, now that you will not be bound by the restraints of writing for an organization composed mainly of DXers. . . I am sure, though, that there are many like myself who are interested in both the DX and 'media' aspects of FM. When I got your first notice of your new endeavor, I was a bit shocked by your 'media' price of \$45. I was quite relieved when a few days later I got your offer at the 'hobbyist' price.

"In local news, WRSR 96.1 Worcester MA continues to call itself 'beautiful' music, while in reality most of what it plays is really automated soft rock (mr), with a little b mixed in. Therefore, I recommend classifying them as m. WERS #88.9 Boston boosted its power to 3000 watts Nov. 20 at noon. The first broadcast at the higher power was a congratulatory message from MA governor Mike Dukakis." Larry sent an article, "Students revive WHAB-FM" (Acton MA). The station is still at 89.1, not covering all the small town of Acton, because of hills and its valley transmitter, but hopes to soon when funds for improvements and its #88.7 signal come forth. WHAB operates school days 2 p. m. to 10 p. m., with parents on hand when the high schoolers are running the station in the evenings. Two readers sent an article from "Video Review" on TV pictures through your FM radio. Mentioned is a system used by WFUV #90.7 New York for doing this, with picture build up in 20 seconds for things like record album covers, station promotions, etc. Use of a video-SCA decoder would be about \$30-\$50 for the hardware. If anybody's heard data type noise on WFUV's subcarrier, let me know.

Frank Aden, Jr., supplied his excellent Idaho radio-TV station guide (\$4 postpaid, from 5147 Morris Hill, Apt. 133, Boise ID 83706), and updated me on other format changes in Idaho, including stations not on the air (see above). He says Payette, KPQD 100.3, has been sporadically on and off the air, and "Bill Frahm has a list of technical changes . . . but I know he was pretty upset about your editorial in RADIO WORLD."

Now in stereo, KSM 102.3 Breckenridge CO. "We have been operating in stereo for about 18 months. In June of this year we also installed and now broadcast on translators licensed to Frisco and Dillon/Gilverthorne on a frequency of 103.9 K-Summit Radio FM 102/104 can now be heard, in glorious stereo, better than ever in Summit County, Colorado," writes Wayne McCormick, general manager.

Roger Gravelle, fresh from a trip to Expo 86, says CHRW #94.7 London plays a variety of music (new groups, community talk shows, youth oriented), but "too progressive for either of my sons. They (CHRW, not Roger's sons [ed.]) have applied for a power increase to 5000 watts to my chagrin." "He gets CKDK 102.3 Woodstock, but by careful aiming of his antenna can still tune in WJET-FM 102.3 Erie PA across the lake. "FM dial is sure getting cluttered. Hope to see you next summer at convention; will probably drive out there. I also must voice a very strong objection to your comments on the den use of AM radio. In our area we listen to 50000 watters WCJ Detroit, WGAR Cleveland; and when you travel it is nice to listen to and retain a station for 300-480 km. In remote areas your clear channels are your only diversification to dismal CBC programs. I also hate to see AM turned into wasteland by ruining clear channel areas and scattering stations. FM is also getting to the point in this area that you need a directional antenna to get clear reception."

I look forward to seeing Roger and a lot of other DXers this summer at the convention. More on that as plans take shape.

And the FCC announces that W276AQ Gerard A. Turro's translator in Fort Lee NJ, serving part of NYC with an ethnic subcarrier, has applied to change from 103.1 to 99.3 MHz. Undoubtedly, WNEWM 102.7 and WQHT 103.5 weren't too happy with W276AQ so close to them, but good luck in getting WBA1 to tolerate this translator on an adjacent channel, Gerry!

An admitted pirate writes, who is subscribing to my FMedia! "I have been a pirate since I was 13 and had an Allied transmitter that reached four blocks from my 6th story bedroom." He notes that radio in Ashland OR is "terrible," and is considering all possibilities, including running his own station. "It is a very hip, intellectual place. A bastion of free thought in an uptight state. Bad radio just doesn't fit in. I'm obsessed to do something about it! Looking forward to the newsletter. . ."

Here's a letter received from Robert Horvitz, government liaison, ANARC, Washington DC:

"Your argument that we should not pull the Congress's chestnuts out of the fire by helping them limit the absurdities of the ECPA (Electronic Communications Privacy Act, recently passed, and taking effect Jan. 21, 1986-ed.) is one we considered repeatedly, within ANARC and in counsel with our allies.

"While I sympathize with your feeling that 'we do not need a Senate committee telling us precisely what we can legally tune into or not', needed or not, we knew that was coming. When the House of Representatives wrote their report on the ECPA, we did not contribute any suggestions. Indeed, our relations with the House sponsors of the bill were at best strained, since they regarded us as criminals and perverts. As a result, the House report is an unmitigated disaster. It does not recognize any basic right of public access to the radio spectrum, and to the extent that it will be cited in court cases in the future, it is likely to result in unjust convictions.

"Since passage of the bill in one form or another seemed—and proved to be inevitable, I decided to work to amend the bill and soften the language in the Senate report, while also trying to generate enough public protest to defeat it. We deliberately did not point out certain inconsistencies and impractical provisions in the bill, trusting that courts would see them as absurd and reject them. This is true, for instance, in the case of interfering signals, and the treatment of the Specialized Motile Radio Service. However, we did work to reduce the impact of the bill on radio hobbyists where there was no prospect of a court challenge on the basis of internal contradiction or patent absurdity. Our most visible successes were in removing the jail sentence for first-time interception of cellular communications, and eliminating all criminal penalties for harmless reception of broadcast remote pick-up stations, despite the NAB's protest that these were 'internal' communications.

"We argued strenuously and often that it was against the public interest to allow broadcasters, licensed to offer free public service, to declare parts of their channels 'off limits' so they could charge for access. But we failed to convince the sponsors of the bill that they would gain politically by going against the NAB on this point. Instead, they offered interpretive language in the Senate report saying it's OK to tune in subcarriers transmitted for use by the public. We pointed out during the negotiations that this put the burden on the receiver to figure out the intent of the transmitter, and this may not always be possible. How can one tell if an hour of music on a leased subcarrier is meant to be a free service or a subscription service? We asked them to require broadcasters to air periodic announcements that the subcarrier service was not intended for public reception before they were eligible for federal protection, but this, too was rejected. We then asked them to clarify the legal status of subcarrier tuners owned by nonsubscribers. They still have not provided an answer. This is likely to result in a series of test cases, and I can't guess what the courts will decide. [Note: Another source said he thinks the matter will be in and out of the courts for 10 years before we know what is meant to be legal or illegal under this law—b.e.]

"We also had hours of talks about the problem of defining 'surreptitious interception devices' (stuffed animals with radios in them—ed.). They asked us to propose a description of what devices should be in this category. I said I'd feel like a Jewish guard in a concentration camp if I helped on that. When the Senate report was being drafted, I submitted a 3-page discussion of the practical definitional problems, showing how hard it was even to avoid criminalizing devices that no one thought should be illegal. I believe this document opened their eyes, and so in the Senate report, there is no definition of what devices will be illegal. . . this is good in that there will probably not be any nationwide regulation of radio reception capabilities anytime soon. But it is bad in that courts are likely to decide the question on an 'ad hoc' basis, with little technological insight, consistency, or guidance from Congress, and this will create uncertainties that may take a decade or more to resolve.

"In recent years, the courts have tended to side with those whose property rights are violated by 'signal piracy'—even though the FCC's long-standing policies put the burden on the transmitter to protect himself. I'm not optimistic that a subcarrier case would overturn that part of the ECPA, although it seems like one of the better grounds for a legal challenge. I encourage you to continue to protest this provision. If you want to take your "ease" into the lion's den, you might contact John Podesta, subcommittee on Patents, Trademarks and Copyrights, US Senate, Washington DC

20510. John is a civil libertarian and has been very receptive to our arguments. The problem all along has been insufficient protests from the public about this bill. Although Congress got hundreds of letters, we needed thousands to outweigh the corporate interests.

"But it's not over yet. I'm going to ask for hearings by the Communications Subcommittees of the House and Senate to examine the problems created by the ECPA, in hopes of amending it next term."

And I just got a report, "Security and Privacy of Telecommunications," from the National Security Agency, Fort Meade MD. It is mainly for protection of government communications, but has these provisions that may affect lobbyists trying to monitor microwave, satellite "media" and other forms of communications of a classified and other sensitive but unclassified material. The report points out that Sec. 1 of the Communications Act, 47 U.S.C. §151, provides that one of the reasons for creating the FCC was "for the purpose of the national defense." Therefore the National Telecommunications and Information Systems Security Committee has been set up to provide guidance and procedures for the safety and security of such documents. The committee's recommendations are:

Licensees and other vendors of equipment, especially those capable of bypassing the public telecommunication services, • should be aware of the vulnerability of unprotected telecommunication to unauthorized users and the potential of loss of privacy to the user. Accordingly, providers and users of communications services and facilities are • encouraged to implement necessary protection measures commensurate with the sensitivity of the information being transmitted.

And • the federal government can assist "the private sector in implementing protective measures in telecommunication systems that handle sensitive information, the loss of which could adversely affect the national security. High-level encryption devices are available, through the National Security Agency . . . NSA is also prepared to assist in identifying approved devices for the protection of sensitive, but unclassified, national security-related communications (government or nongovernment)."

I find it refreshing that the government expects both vendors and licensees (but not necessarily the users) of these communications to be aware that various communications are vulnerable to interception. Maybe we won't have to turn in our FM stereo radios, our color TVs and our stuffed animals to Scrooge McGovernment, as I mused last month! Good listening, and thanks to these, our

©ONERBIBIORS

Frank Aden, Jr., Boise ID; John M. Adams, Seaside OR; Robert Baker, Humboldt IA; Walter Bishop, Tallahassee FL; Andrew L. Brown, Portland OR; Timothy Brown, Don Mills ON; Ken Charbonneau, FPO Miami FL; Ed Davison, Springfield IL; Albert H. Ellis, Brantford ON; Peter Fah, Dubuque IA; Bill Fahler, Bridgeton NJ; Greg Fairbrother, Bristol CT; Bill Fair, Painesville OH; Joe Fela, South Plainfield NJ; John M. Fillmore, Jr., Pembroke NH; Michael G. Fleming, chief, industrial relations, National Security Agency, Fort George G. Meade MD; Bill Flynn, Newark CA (who is hoping somebody can supply a verte signer for KH19 93.5 Hollister CA); Bob Gilbert, Auburn ME; "L. G.," Ashland OR; Max Gould, Hollywood CA; Roger Gravelle, St. Thomas ON; Bob Grove, Monitoring Times, Brassstown NC; S. Thomas Hancock, North Canton OH; Tim Hendel, Miami FL; Robert Horvitz, Washington DC; Clarke Ingram, Mesa AZ; Dan Kelley, KISZ Cortez CO; Walter Kowalczyk, North Huntingdon PA; Bob Levy, chief engineer, WHEU Albany NY; Nick Lombardi, Atlanta GA; Ernest P. Malotto, Johnstown PA; Gus Mancuso, Hyattsville MD; Wayne McCormick, general manager, KSM1 Breckenridge CO; R. B. McEvoy, publisher Scanada World (a directory of scanner frequencies in the Toronto area), Box 183, Searsdale Rd., Don Mills ON (who says SCMO "signals in Canada are legally public broadcasts which may be legally listened to and used by anyone," except there are no readily-available receivers in Canada for SCMO). Also contributing: George J. Milson, Lynn MA; Steve Miller, Claverack NY; James J. Nahirniak, Warren MI; Richard and Franklin Reese, Jersey Shore PA; James Alan Shields, Ann Arbor MI; Matt C. Sittel, Kingsport TN; Larry P. Waggoner, Wichita KS; K. W. Walter, Toronto ON; Larry Weil, Acton MA; Roger Winsor, Champaign IL; Tom Yingling, Baltimore MD; Donald Webster, Grand Forks AFB ND, who says the "FM Atlas is my traveling companion. Keep up the good work." Finally, there's Baruch L. Vine, known under another alias as a community board member of KJMD #103.3 Duluth MN. Also Paul Harkness, KDNW (FM), Duluth MN, Jon Brabban, Fayetteville PA, W. R. McIntosh, Granada Hills CA, Paul Mount, Teaneck NJ (who says my getting the '87 convention is a way to avoid a long drive), and Keith Pugh, New Hope PA.

# NORTHERN FM-DX

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

NORTHERN FM DX

JANUARY 1987

JANUARY 1987

Deadline: 8th of the month

Christmas came early this year for many eastern DXers. Nov. 27-29th produced the best super tropo since August 22, 1978 at the very least. Numerous FM DXers have reported catches in the 600-750+ mile range with much greater distances seen on UHF. Most of the DX (at least on FM) seems to have travelled along an east/west line from Central IL and IN eastward into Western NY, NJ and even into northern CT! And now to the reports....

## MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CT. - 06082

Equipment: Carver TX-11, Finco FM-5 and rotor about 220' ASL

AUGUST 1986

28 Es  
1734 WBKN 92.1 MS Brookhaven  
31 Tr  
0837 WCDO 100.9 NY Sydney, "VOICE OF THE TRI-COUNTY"

SEPTEMBER 1986

3 Tr  
1839 WXTY 103.9 NY Ticonderoga, r, X-104  
1900 WHFX 104.7 ME Belfast, ID sez Belfast-Bangor-Brewer Skowhegan  
1900 WTOS 105.1 ME Skowhegan  
24 Es  
1844 WYKS 105.5 FL Gainesville, "KISS-FM"  
1850 WUFT 89.1 FL Gainesville, CLASSIC 89  
1852 WVGES 91.9 GA Statesboro, soul  
1913 WQCW 102.5 GA Waycross, "Q-COUNTRY-102"

1917 WCHY 94.1 GA Savannah, "Y-94"  
1919 WGTR 97.3 FL Miami, "THE NEW 97"  
1924 WAAC 92.9 GA Valdosta, k  
29 Tr  
1900 WVLT 92.1 NJ Vineland, "LITE-92-FM"

OCTOBER 1986

9 Tr  
0756 WLIF 101.9 MD Baltimore  
0756 WBSB 104.3 MD Baltimore  
0758 WHDG 103.7 MD Havre de Grace, mono, pol. debate.

COMMENTS: Well, here it is, the end of November and already we've been treated to 7" of snow and extremely icy driving. On 11/19 noted WRKI-95.1, WJMJ-88.9, and WCCC-106.9 all off due to power outages from the storm. Noted WZSH and WZZO both on 95.1, only Boston on 88.9, and CKO, WPCX, and WKDN on 106.9. Actually on that day I happened to be working in Danbury and could find no trace of WRKI on the car radio, but by the time I got home they were weak on the Carver, probably using less than 1 kw. It looks like winter is here early.

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

Equipment: GE Superadio, Jerrold QFM-9 w/Radio Shack amp in attic. New underlined.

NOVEMBER 1986

27 Tr  
2318 WDMT 107.9 OH Cleveland, "POWER 108"  
2342 WGAR 99.5 OH Cleveland, k  
2350 WKYN 97.5 PA St. Marys, ID as "St. Marys, Bedford, DuBois", T-40 music.  
29 Tr  
0225 WFBQ 94.7 IN Indianapolis, strong level with progressive r, "Q-95", ID, 545 miles.

I feel as though I shamed myself as an FM DXer since I stuck out Thanksgiving's wonderful opening on TV (shame! - jf); but I had to choose one. Getting Indianapolis at the end of the opening didn't make things a complete bust, however. I tried for your Kokomo on 100.5, Joe, but it seems all I get on that channel is "Power 95"-WPLJ; courtesy of the local cable company (cable strikes again... - jf). I also get cable radiation of WSNi-104.5 on its proper channel and WAVT-101.9 Pottsville on 103.5. I am also having severe problems with a local ham who bleeds all over the FM band at any random time and any random frequency. He even gives the locals fits. City living: ain't it wonderful! I hope another tropo barn burner like the one just a day past happens again very soon.

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

Equipment: Receiver: JVC-R-X330V. Antenna: indoor dipole, 3rd floor, Archer in-line amp. Signals 10 db or more shown as S-10, S-15, etc.

Antenna relocated Oct. 17th. The following now received by GW (in addition to those listed last month:

WHWC 88.3 WI Menomonie-Eau Claire S-0 to S-15 270  
WOJB 88.9 WI Reserve S-0 to S-15 200  
DX (EDT/EST)

OCTOBER 1986

16 Tr  
2158 CBQT 90.5 ON Ft. Francis "CBC NORTHWESTERN ONTARIO" // CBW-990 (not CBQ-800) 195

17 Tr

0047 KEYE 102.1 MN St. Paul-Minneapolis 300  
0050 WAYL 93.7 MN Minneapolis-St. P. 310  
0051 WCMP 92.1 MN Pine City 250  
0103 KDWB 101.3 MN Richfield-Min.-SP 310  
0133 WL0L 99.5 MN Minneapolis 310  
1700 WKLK 100.9 MN Cloquet 195  
1926 KLIZ 107.5 MN Brainerd 265

18 Tr

1100 CBLJ 88.3 ON Wawa "CBC NORTHWESTERN ONTARIO" 205  
1153 WVCY 107.7 WI Milwaukee 390  
2311 WLJY 106.5 WI Marshfield 265  
2325 WHAD 90.7 WI Milwaukee,SS,mono 380

KQRS 92.5 MN Golden Valley-Minn.-St. P. 305  
WBIZ 100.7 WI Eau Claire S-0 to S-15 265  
KJJO 104.1 MN St. Louis Park,Minn.-St. P.280

OCT 19 Tr

1731 WWJO 98.1 MN St. Cloud 300  
Minn.-St. Paul 93.7-99.5-102.1 310

23 Tr

2043 KBHP 101.1 MN Bemidji 275

24 Tr

2039 WKLH 96.5 WI Milwaukee 390

25 Tr

0947 Minn.-St. Paul 98.5-101.3-102.1 310

26 Tr

1132 WCTS 100.3 MN Minneapolis-St. Paul mono, S-10 310

NOVEMBER 1986

8 Tr

1241 CKSB-9 89.1 ON Ft. Francis, mono, S-10 (CBON 89.3 on low power, <S-10, normally S-75+) 195

1256 WWJO 98.1 MN St. Cloud, S-10 300

1306 KCLD 104.7 MN St. Cloud 300

14 Tr

2313 WL0L 99.5 MN Minneapolis 310

2315 WHLat 90.3 WI La Crosse // WHSA-89.9 330

COMMENTS: It sure is nice to have only 3 local stations. Some tropo out to 390 miles. Have been getting MS bursts for what seems like every day since I moved here. Still only one ID though. (Seems like there are many more bursts this year than previous years - anyone wish to comment on that? - jf) I pinned a dipole to the wall in my storage room facing SW and added a 10 db in-line amp. I then have 50 ft. of coax running to my receiver in the living room. The set-up is working pretty well (I can just imagine what it would be like with an outdoor yagi.....). My tropo record on FM from Niagara Falls is 460 miles - I should be able to beat that here in Thunder Bay with such a wide open band. I'll be here until Sept. 1987, then back to Toronto (?) or wherever, hi.  
73s, Bill

## DAVE NIEMAN - AKRON, NEW YORK - 14001-9529

Equipment: Carver TX-11 tuner, Channel Master 4408 at 25' (815' above sea level)

OCTOBER 1986

30 MS  
0031 KROA 95.7 NE Grand Island, g, \$ (call) 1034

NOVEMBER 1986

7 Tr  
1150 WIXX 101.1 WI Green Bay, r, \$ (call) 496

24 Tr

0218 WDFM 98.1 OH Defiance,r\$(call) 326  
0230 WMRI 106.9 IN Marion, b\$(call) 404  
0242 WITL 100.7 MI Lansing, k\$(call) "WHITTLE-100" 312

(Most of Toronto's FMs off this day)

NOV 27 Tr

1000 WHAD 90.7 WI Delafield, t, \$ (ID) (NPR) 504  
1857 WMBI 90.1 IL Chicago,g\$,into nx/wx 477  
2351 WILL 90.9 IL Urbana, c\$(ID) 541

28 Tr

0111 KWWR 95.7 MO Mexico, k\$(call) "COUNTRY 96" 753

0124 WVXI 91.7 OH Cincinnati, r\$(oldies) (ID) 415  
1201 WSHW 99.7 IN Frankfort-Kokomo, r\$(ID into nx), "SHINE-99" 462

1259 WSSR 91.7 IL Springfield, c\$(ID) (midday nx into classical music) 622

Arriving home after 12 hours work, I started my check to see what the FM band conditions were like. With my antenna pointed west, I started the bandscan from the top (107.9 mHz) down. At 107.1 the "Q-107" I heard was not Toronto but Port Huron, MI. 104.5 mHz I found "Q-country" from Wooster, OH booming-in. 102.1 no CFNY but WDOK Cleveland was there. After checking all Toronto's FM frequencies: the only stations left on (CKO2 and CKLN) didn't transmit from the CN Tower. All TV stations coming from the CN Tower were still on (were the FMs off in preparation for the two new ones (90.3 and 97.3) soon to be on????). With two new Toronto FMs coming from the CN Tower, it doesn't make DX look very promising around here. But I'm not ready to have the stereo probe 9 turned into beer cans yet!!HA!!

November 27&28 were big tropo days on TV with Maine and Texas both seen in Western New York at the same time. Even though the FM conditions were not quite as good; I hope everyone had a chance to get in on this one. According to some old timers, it was the best ever!!!! Dave

ROBERT S. ROSS - VE3JFC - BOX 4373 - STN. C - LONDON, ON. - CANADA NSW 5JZ EST  
 Equipment: Receiver - Viking SC5813 Antenna - 10 Element beam at 15 feet.  
 NOVEMBER 1986

25 Tr	0000 WEKH 90.9 KY Hazard	NOV 25 (cont'd.)	0242 WBNS 97.1 OH Columbus
0010 WEKU 88.9 KY Richmond, simulcast with WEKH, above.	0100 WOSU 89.7 OH Columbus	0256 WTUE 104.7 OH Dayton	0440 WOVK 98.7 WV Wheeling
0122 WLQV 96.3 OH Columbus	0129 WMGG 99.7 OH Columbus, Ex-WRMZ?? (yep! -jf)	0448 WZMM 107.5 WV Wheeling	0500 WVPW 88.9 WV Buckhannon
0142 WVXU 91.7 OH Cincinnati	0145 WDJQ 92.5 OH Alliance, ex-WFAH logged	1200 WVNP 89.9 WV Wheeling	1634 WLEN 103.9 MI Adrian
0203 WHIO 99.1 OH Dayton	COMMENTS: I had a real good tropo opening Nov. 25-26 into southern Ohio, W. Va., and Kentucky. I managed to hear 12 new FM's during the opening which lasted well over 30 hours. It's been a long time since I've seen tropo last that long here at my QTH.	2110 WOSE 94.5 OH Port Clinton	2125 WFOB 96.7 OH Fostoria
		26 Tr	0030 WEMU 89.1 MI Ypsilanti
			0045 WCMU 89.5 MI Mt. Pleasant

73's Robert.

BOB SMOLAREK - R.D.#1 - BOX 63 - WHITEHOUSE STATION, NEW JERSEY - 08889

NOVEMBER 1986

25 Tr	2115 WRGN 88.1 PA Sweet Valley, g
	2120 WVOS 95.9 NY Liberty
	2330 WFUV-90.7 Off - Extremely rare
	2330 WTCC 90.7 MA Springfield, old rock
	2335 WCLH 90.7 PA Wilkes-Barre "NEW MUSIC 91"
	2340 WMRA 90.7 VA Harrisonburg
27 Tr	2150 WMJI 105.7 OH Cleveland, "MAGIC" New state.
	2155 WKSU 89.7 OH Kent
	2232 WQNY 103.7 NY Ithaca, "Q-104"
	2300 WVPS 107.9 VT Burlington
	2313 WHCU 97.3 NY Ithaca, new lite r fmt

COMMENTS: We had something to be thankful for on Thanksgiving, the state of Ohio made its first appearance on my radio that night. The next night was even better, 3 stations from western PA came in. WJZE was particularly strong. My disappointments were not getting WDMT-107.9 (too much WEBE-CT) or WLTJ-106.5 (too much WHLM-PA) both from Cleveland. But I'll take an opening like this anytime.

28 Tr	2035 WFRB 105.3 MD Frostburg, k
	2100 WOVQ 102.1 PA DuBois, satellite CHR, Q-102
	2113 WVSC 97.7 PA Somerset
	2125 WJZE 101.7 PA Central City, "EASY 101" Strong signal!
	2135 WTPA 93.5 PA Mechanicsburg, rp
	2140 WHTF 92.7 PA Starview, rp "STARVIEW 92"
	2300 WMJI 105.7 OH Cleveland, 60 db signal on Carver tuner

WNNK  
 PO Box 104  
 Harrisburg, PA 17108



FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK - 13041 EDT

Equipment: Receiver - Carver TX-11a Antenna - Channel Master Stereo Probe 9 at 30' AGL.  
 New loggings underlined:

SEPTEMBER 1986

4 Tr	0016 CBCN 96.1 ON North Bay, CBC	274
	0046 WTLR 89.9 PA State College, g	184
18 Tr	2022 WRJS 98.5 PA Oil City, b	217
19 Tr	2109 WKBI 94.3 PA St. Marys, local football	171
	2134 WAIJ 90.3 MD Grantsville, g	285
24 Es	1922-2015 MUF 95 mHz	
1928 WJIS 88.1 FL Bradenton wx/g/anncts.		1141
1938 WQCS 88.9 FL Ft. Pierce cl, "Qc89"		1109
27 GW	2039 CBBK 92.9 ON Kingston, j, // CBO and CBBP	78
2217 WJQZ 93.5 PA Wellsville, r		116
28 Tr	2256 WIZN 106.3 VT Vergennes, r/wx	161
	2035 CBMB 91.7 PA Sherbrooke // CBM	262

OCTOBER 1986

8 Es	1907-2105 MUF 102 mHz	
1924 WBRH 90.3 LA Baton Rouge, r		1212
1929 WNJC 88.9 MS Senatobia, APR		947
1931 KJEF 92.7 LA Jennings		1278
1933 WMAW 88.1 MS Meridian, // WNJC		1012
1939 WMPR 90.1 MS Jackson, folk mx		1073
2017 KIVY 92.7 TX Crockett, BB		1341
18 Tr	0016 WRMZ 99.7 OH Columbus	418
NOVEMBER 1986		
9 Tr	1700 WCLT 100.3 OH Newark	387
	1857 WHUR 96.3 DC Washington	296
17 Tr	2103 WVNP 89.9 WV Wheeling "WV Public Radio"	316
	2112 WETA 90.9 DC Washington, cl	296
	2100 WGMs 103.5 DC Washington, cl	296
23 Au (weak)	1821 WNUZ 103.5 MI Detroit, g	355

(Fred Nordquist's report, continued....)  
 NOV 23 MS  
 0002 WFAE 90.7 NC Charlotte, s/off annct, "FM91" 601

NOV 29 Tr  
 2305 WFSE 88.9 PA Edinboro, r 222  
 30 Tr  
 1259 WVPW 88.9 WV Buckhannon, wx 358

COMMENTS: Totals now at 1256. Most wanted stations (<100 miles) are: NY WONY-90.9 WRHO-89.7 WCDO-100.9 WALF-89.7 WIGS-95.3 WBTF-101.7 and WUCI-91.5 (noted after Midnight a few times here with "urban" format/mx - jf). PA WNTS-89.5. Stations believed not on are: WLLG-99.3 WSCP-101.7 WFRW-90.7 CBOB-100.3 CBBA-104.9 and CBBB-94.3. Am monitoring 95.7/90.7/90.3 et al for MS bursts with limited ID success. Seasons greetings - 73 Fred.

DAVID E. BRUMFIELD - 1618 CHESTER BLVD. - RICHMOND, IN. - 47374

LOG FOR 1986

FEBRUARY 1986

18 Tr	1400 KJEZ 95.5 MO Poplar Bluff
	1400 WRUL 97.3 IL Carmi
	1402 WSEI 92.9 IL Olney
	1420 KEZS 102.9 MO Cape Girardeau
	1430 WPSR 90.7 IN Evansville
	1459 WSTU 91.9 IL Carbondale
MARCH 1986	
6 Tr	1123 WMVO 93.7 OH Mt. Vernon
15 Tr	1240 WGAR 99.5 OH Cleveland
MAY 1986	
10 Es	1240 KKAZ 100.7 WY Cheyenne
12 Es	1239 KHOYT 88.1 TX Lardeo, SS (I assume in your report "S" means Spanish, David? -jf)
21 Es	1115 KGNZ 88.1 TX Abilene
	1130 KMTH 98.7 NM Maljamar, "Public Radio"
	1205 KCLI 95.3 OK Clinton

JUNE 11 Es (continued...)

1214 KKBH 93.3 TX Port Lavaca, "93 FM ON THE BEACH"
1216 KBNJt 91.9 TX Corpus Christi, SS
1219 KHYS 98.5 TX Port Arthur, "KISS 98"
1222 KROB 99.9 TX Robstown
1222 KGEE 99.9 TX Monahans, "K-G"
1223 KRSY 99.1 TX Corpus Christi, "K-99"
1226 WQUE 98.5 LA New Orleans
1230 KTXN 98.7 TX Victoria
1235 KQIP 96.9 TX Odessa
1236 K--- 98.3 TX Brownfield, translator of KQIP-96.9 Odessa
1240 WQXY 100.7 LA Baton Rouge
1244 KOUU 103.7 TX Sinton-Corpus Christi "FM-103", k
1247 KFMK 97.9 TX Houston
1251 KLSF 96.9 TX Amarillo
1255 KAJA 97.3 TX San Antonio, "K-J"
1301 WQLC 107.9 MS Poplarville
1302 KESI 106.7 TX Terrill Hills-San Antonio
1306 KATX 97.3 TX Plainview, "K-Tex"
1309 KMLL 98.7 TX Amarillo, r
1312 KGNC 97.9 TX Amarillo
1328 KEYN 103.7 KS Wichita
1335 KADJ 92.1 CO Castle Rock
1343 KBLJ 92.1 CO LaJunta
1344 KSEC 93.3 CO Lamar, "KC-93"
1345 KEZU 94.5 KS Scott City
1348 KRDO 95.1 CO Colorado Springs
1349 KCMO 88.1 CO Manitou Springs
1351 KCFR 90.1 CO Denver
1356 KOAQ 103.5 CO Denver
1400 KPNY 102.1 NE Alliance
1409 KSID 98.7 NE Sydney
1416 KQSK 97.5 NE Chadron
1422 KNEB 94.1 NE Scottsbluff
1425 KCGY 95.1 WY Laramie-Cheyenne, "Y-95"
1428 KTXL 106.9 WY Casper
1437 KSOY 95.1 SD Deadwood
1446 KKLS 93.9 SD Rapid City
1453 KOLL 96.9 WY Gillette
1458 KGWY 100.7 WY Gillette
1645 KESD 88.3 SD Brookings
1645 KQAA 94.9 SD Aberdeen
1840 KTAQ 93.9 WY Riverton
1845 KQLT 103.7 WY Casper
1852 KLTR 93.7 TX Houston
1858 KMKs 92.1 TX Bay City
1908 KBNLT 89.9 TX Laredo, SS
1909 KSBj 88.1 TX Humble
1910 KCWC 88.1 WY Riverton
1917 KDLY 97.5 WY Lander

0900 Es noted - couldn't cancel trip to King's Island !!!



(David Brumfield's report, continued....)

**JUNE 1986**

25 Es

1615 KXTX 88.1 TX Lubbock

28 Tr

2330 WKKO 99.9 OH Toledo o/WVUD

**JULY 1986**

5 Es

1753 KTXE 93.9 TX San Angelo

1800 KGNZ 88.1 TX Abilene

17 Es

2130 KLYT 88.3 NM Albuquerque

2200 KANW 89.1 NM Albuquerque

2206 KANZt 91.1 KS Garden City

19 Es

1822 KEZB 93.9 TX El Paso

1846 KVLV 107.9 TX Edinburg-Alamo-McAllen "K-Valley"

1852 KKED 90.3 TX Corpus Christi

**AUGUST 1986**

5 Es

1715 WRTI 90.1 PA Philadelphia

1745 WLIF 101.9 MD Baltimore

1748 WOVU 101.7 DE Ocean View

**AUG 5 Es (continued)**

1826 KROO 93.5 TX Breckenridge

1831 KERA 90.1 TX Dallas

1835 KNIN 92.9 TX Wichita Falls

1841 KTXE 93.9 TX San Angelo

1843 KFMX 94.5 TX Lubbock

1952 KSBJ 88.1 TX Humble

2001 KMTY 92.1 OK Woodward

2006 KMQXt 89.1 TX Springtown, o/WVJC

16 Es

1105 KTXE 93.9 TX San Angelo

25 Tr

1045 WCVK 90.7 KY Bowling Green

26 Tr

0300 WJCH 91.9 IL Joliet

Es

KHOY 88.1 TX Laredo (time? -jf)

**KMJK FM 107**

9500 S.W. BARBUR BLVD.  
SUITE 302  
PORTLAND, OREGON 97219

JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080 EDT/EST  
Equipment: McIntosh MR-78 tuner, with Channel Master #4408 (Stereo Probe 9) antenna with rotor about 40' AG.

**OCTOBER 1986**

8 Es (my first Oct. FM Es!)

1940 KCKL 95.9 TX Malakoff, SID, "Stereo Country 96" 1334

1944 KROZ 92.1 TX Tyler, SID, k 1291

1946 KNIF 95.3 TX Gilmer, Longview ads b, "Easy-95" 1260

2025 KNIN 92.9 TX Wichita Falls, r, ID 1402

2036 KAFM 97.7 OK Durant, ID, r 1292

2038 KAIQ 100.9 AR Russellville, ads, ID, sounded almost like a soft r but letterhead on QSL indicates g 1083

2047 KITX 95.3 OK Hugo, ID, "all k, all the time" 1245

2048 KWVG 96.7 ID Idabel, "96-FM" + call 1213

2100 KNTU 88.1 TX Denton, "FM-88" + call 1354

11 Tr

2114 WXDR 91.3 DE Newark, old r, o/WTSR which is most unusual! 93

2142 WBEN 102.5 NY Buffalo, r, "ROCK 102" 280

2159 (WTKS) 102.3 MD Bethesda, legal ID, "MAGIC 102.3", soft r, ex-WHFS 179

2218 WVOS 95.9 NY Liberty, ID, ads 86

2247 (WNNK) 104.1 PA Harrisburg, "WINK 104", ads, r, actually o/WABE! ex-WTPA. 131

2310 CBBP 103.9 ON Peterborough, ID as CBC 94.1 Toronto and 103.9 Peterborough 327

2311 (WBYR) 107.7 NY Wethersfield, r, "Buffalo's Bear", ex-WUWU 262

2358 WVPSt 107.9 VT Burlington, American Jazz Theater, then faded u/WEBE.

12 Tr

0030 WQCM 96.7 MD Halfway, r, "THE HOT FM" 189

0034 WPGM 96.7 PA Danville, ID, g 118

0130 WBNE 95.9 PA Benton, "B-96", r

**OCT 12 Tr (continued...)**

0158 WUCI 91.5 NY Binghamton, "91.5 FM" urban contemporary (full time or part time?) 131

0208 WFNM 89.1 PA Lancaster, ID, soft r 106

14 GW/Tr

2000 WRFR 90.3 NJ Mahwah, r, finally! 15 GW/Tr

2134 WJHU 88.1 MD Baltimore, c, "THE CLASSIC CHOICE" 146

**NOVEMBER 1986**

1 GW/Tr

1555 (WKLI) 100.9 NY Albany, now lite r, ex-old r and WWOM 144

10 GW/Tr

2300 Local WRSU-88.7 OFF (Bob Smolarek tip)

2330 W--- 88.7 PA Allentown, translator of WKDN-106.9 mixing with WRHU 69

25 GW/Tr

2315 Local WFUV-90.7 Off

2320 WRVS 90.7 NC Elizabeth City, ID, promo, urban 310

2325 WTCC 90.7 MA Springfield, old r 142

2331 WCLH 90.7 PA Wilkes-Barre, r, "NEW MUSIC 91", 0000 s/off which gives power as 125 watts h&v - it doesn't get out even that good! 89

2339 WMRA 90.7 VA Harrisonburg, j, ID 279

27 SUPER TROPO

2000 CFNY 102.1 ON Toronto, ID 350

2019 WHCU 97.3 NY Ithaca, now soft r 168

2127 (WDMT) 107.9 OH Cleveland, "POWER 108 FM", urban, ex-WELW (haven't heard this one in 15 yrs.) 385

2128 WJJI 105.7 OH Cleveland, calls + "MAGIC 105.7", r 385

2156 WKSU 89.7 OH Kent, folk mx, full ID, mention of Kent State 365

2200 WEZF 92.9 VT Burlington, soft r, ID, strong! 277

TO BE CONTINUED...next month...hope everyone had a good Christmas and New Years...73, Joe

**SOUTHERN FM DX**

Danny Huntin  
1312 N. Skyline  
Stillwater, OK 74075

JANUARY 1987 \*\*Happy New DXful Year!\*\*

DEADLINE: 10th

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

**GOOD FALL TR FINALLY BREAKS OUT!!**

Well, this fall didn't slip by without some major tr happening after all. During late November two reporters managed to pull in some trop that ranged out to approx. 500 miles. Judging from one report, I could have tuned in the St. Louis area, but that event caught me napping or while at work, or else while I was spellbound by the fantastic Thanksgiving evening TV tr that came in as far away as Buffalo, NY, along with Ontario and n.e. Ohio, making it my best TV tr ever. I hope this mega-tr opening is well covered in the TR DX columns. In other reports, once again it's shown how unusually good August was for Es, while Fat Dyer concludes his May reporting(if time permits).

Turning to tuner comments, some time ago I received word from one DXer who blasted the highly complementary review of the Magnum tuner in Sensible Sound. He was very bitter over how severely the Magnum tuner he bought overloaded in the face of locals. More comments about the big city real life performance of the new tuners are needed. Tuners that I suspect deserve close scrutiny are: Yamaha T-85(nearly all its specs are somewhat better than the Onkyo T-9090),Technics' top tuner, and the new McIntosh model.

Matt Sittel, 220 Brookfield Dr., Kingsport, TN 37663 EST  
Equip.: Sony STR-AV 340, CM 1160 quantum antenna at 34' AGL/1453' MSL, and one DXer.

11/2 tr

1200 Chattanooga 92.3,96.5,100.7,106.5 186

1300 WOJY 100.3 NC High Point, ID 159

1302 WNAA 90.1 NC Greensboro, c 130

11/8 tr

Repeat of 11/2 at 1200.

11/16 tr

2100 WFLK 92.9 KY Lexington, "R-93" 162

11/24 tr

2236 WEPB 102.7 OH Cincinnati, ID 222

2241 WFLK 92.9 KY Lexington, wx 162

2242 WSGS 101.1 KY Hazard, k 76

2247 WJAP 94.5 KY Lexington, "FM 94 1/2"

2310 WXLK 92.3 VA Roanoke, "R92 FM" 158

2312 WSHY 95.5 KY Prestonsburg, "95" 93

2316 WSTP 98.9 KY Paintsville, ad 103

2320 WFAV 104.1 OH Portsmouth, ID 166

2322 WTNJ 105.9 WV Mount Hope, ads 131

2324 WVCN 107.3 WV Miami,k 133

11/29 tr

1030 Chattanooga 92.3, 96.5,100.7,106.5

1036 WFLK 92.9 KY Lexington, ID 162

1038 WJAP 94.5 KY Lexington, r 162

1040 WCKN 101.1 SC Anderson, r 132

1041 WCTT 107.1 KY Corbin, ID 94

11/29 tr

1052 WPMG 95.5 IN Indianapolis, ID 303

1100 UNID 88.5 g, 90.1t, 91.9 c\$

1110 WNAF 93.1 IN Indianapolis, r 303

1114 WQHY 95.5 KY Prestonsburg, ID 93

1117 WBBN 102.7 OH Cincinnati, aor 222

1121 WTNJ 105.9 WV Mount Hope, ads 131 (then things get really good)

1200 KEZS 102.9 MO Cape Girardeau, ads, ID's, EZ listening for four hours, first station with k calls ever received via tr for me!392

1441 KEZS 95.5 MO Poplar Bluff, ads, "295"438

1457 KGMG 100.7 MO Cape Girardeau, ID, r 392

1500 WTMG 96.3 TN Murfreesboro, ID,m 220

1505 Nashville 92.9,95.5,103.3,104.5,105.9, 107.5 at 246 mi.(WVWX and WYHY are new ones.)

1551 WHAU 104.5 WV Bluefield, "J-104" 91

1810 WBEV 101.1 KY Russellville, the Beaver,243 k

1816 KEZK 102.5 MO St. Louis, b, ID 449

1821 WKKX 104.1 IL Jerseyville, k,kix 104 465 (had no hourly ID. Biggest tr mileage ever!)

1925 WADI 96.3 MO St. Louis, mr, RD-96 449

1949 WKK 106.5 IL Granite City, r 445

2004 WLL 92.3 MO St. Louis, k 449

Well, I now know what good trop are. I was surprised to see St. Louis in. I didn't expect to see mileages above 300 for trop due to my location. But it came in strong. I was also amazed at how KEZS stayed in from 1200-1600, and it was back in at 2100. Strange-ly enough, trop were out by 2300. I thought trop like this only came in past midnight. My first Sony broke, so I got it replaced. The guy at the department store said "You know it could be the AM radio, you know that AM radio doesn't work at night." Ha, Ha, I should have told him about the D-layer of the ionosphere. One thing I have noticed about the Sony is that it does great in pulling in those weak signals, but it holds on to the semi-locals in NC so well that tr has a difficult time making it through. 73's and great DXing. By the way, does anybody know what it means when those Mexican FM's say "Salinas y Rocha"? Is that a city, company, or some other thing?

\*\*\*\*\*  
BUMPER STICKER TRADING POST NEWS: Well, so, I have only received one set of stickers. This won't work with just one. All you gotta do is send in ten of one station in your area. (Like here, 10 of WQUT). Don't send any money yet, just the stickers, and then the money when I have enough to send out (watch here for when that is). It won't work without you. I am giving it two more months. If none show up, then it is discontinued. Got it? Now, Send them in!

Eric Bueneman, 836 Lamplight Lane, Hazelwood, MO 63042 CST			
Equip.: 91867 AM/FM/AM rx w/turntable & cassette recorder built in, amplified rabbit ear.			
11/28 tr			
0025 AMBR 99.7	MO Kansas City, \$b	225	
0027 WKLM 89.3	IL East Moline, \$,g	190	
0029 KYYS 102.1	MO Kansas City, \$, rp	225	
0030 KBBQ 104.3	MO Kansas City, r	225	
0034 WMIX 94.1	IL Mount Vernon, \$,ads,wx,k		
0039 WJFX 100.7	MO Harrisonville,\$,p	220	
0035 ALZA 105.9	KS Lawrence,\$,r	260	
0040 WYBS 95.5	IN Indianapolis, k	240	
0046 WJIA 91.3	MO Columbia,\$,j	110	
0101 KCBH 89.3	MO Kansas City, \$,j	225	
1042 WZFN 105.3	MO Rolla, \$k,now 100kw	80	
1330 KCBH 89.5	MO Columbia, j\$	110	
1353 KWBR 95.5	OK Tulsa, \$,k	325	
1354 KMOD 97.5	OK Tulsa, \$,rp	325	



The best opening of the post-season so far, with Tulsa in for the very first time on Nov 29 with WSM 95.5 the only long DX station still in! KZWN "Cousin 105" is now a regular here with 100 kw, only heard here once w/28kw. Per Richard Eddie, the new "supertower" is now complete in Shrewsbury, with seven stations planning to use it. Three stations (KSHE 94.7, KBEZ 102.5 and KBJM 107.7) are already using it. W211AD Granite City, IL (WIEI 91.1, Carlinville x1tr) is on the air per announcements on main station but not heard due to WLCA and could be highly directional away from KWUR 90.3 Clayton, 73.

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

8/4 Es			
1847 XHSAT 90.1	TAB Villa Hermosa, Estereo		
Wow, m, r,	in EE		
1852 X??? 96.5	QR? Cancun, Estereo Nesta		
SS soft r,	\$		
1856 X??? 99.7	YUC/QR?, not Veracruz, \$,		
tinny sound w/clx,	then rock		
1857 X??? 99.3	YUC/QR?, same as 99.7		
1858 XHGUN 105.9	QR Cancun, same as		
99.7,99.3		1320	
1918 X??? 104.5	YUC,QR?, can Estereo,L,mono		
1923 XHGS 103.7	VER Veracruz, r	1032	
1924 XHTS 102.9	VER Veracruz, ads,		
1922 X??? 107.5	QR?Cancun,can estereo,L,m		
1929 XHNE 100.1	VER Coatzacoalcos, r	1140	
1935 XHRP 101.3	VER Veracruz,ads, Estereo		
Hoya			
1939 XHRN 96.5	VER Veracruz, L,SS	1032	
1940 XHCP 96.5	TAB Villahermosa,tent.L,SS		
8/5 Es			
1903 CKGL 96.7	ON Kitchener, nx, calls 1905		
1908 CFPL 95.9	ON London,FM96	1364	
2002 WWEV 91.5	GA Cumming	1103	
8/6 Es			
1905 KDDB 92.5	CA Paso Robles, ID		
1095 KIWI 92.1	CA Bakersfield		
1905 KAVS 97.7	CA Mojave,tent. r		
1906 KHIS 96.5	CA Bakersfield, g		
KCBX 90.1	CA San Luis Obispo		
KKUS 98.1	CA " "		
KSLY 96.1			
1912 KZCZ 93.3			
1915 KLFPA 92.1	CA King City, SS, r, L		
2221 KFMV 96.1	UT Provo, tent. r		
2312 KOZE 96.5	ID Lewiston, tent. m		
8/16 Es			
1145-1200	unIDs 88.1 91.9,a few to N.east		
8/17 Es			
1150 KQED 88.5	CA San Francisco	1116	

8/28 Es			
1530 WYFA 100.9	GA Waynesboro, g	1242	
1535 WFXA 103.1	GA Augusta, r, Foxy 1031236		
1537 WBEZ 103.5	SC Charleston,traffic pt.		
1538 WBYZ 104.3	GA Augusta	1238	
1539 WZNY 103.7	GA Augusta		
1541 WJSC 100.9	SC Andrews, k, ads	1377	
1545 WJLS 96.1	GA Atlanta, 96 rock,ads1098		
1546 WJPN 100.1	SC Lake City, calls	1350	
1546 WJSC 100.1	SC West Columbia, calls1284		
1548 WAAA 97.7	GA Ceilla, wx, ads,198	1184	
1551 WJXS 94.3	SC Marion, kicks	1373	
1553 WBSL 98.1	SC Seneca, EL C nx 1600		
1555 WSSL 100.5	SC Dreycourt, wx	1229	
1556 WGRN 101.1	SC Anderson	1197	
1600 WFDZ 103.1	SC Cheraw	1350	
1601 WSOO 103.7	NC Charlotte, nx	1206	
8/29 Es			
1335 KSLU 90.9	LA Hammond,calls	788	
1337 WQFA 96.7	MS Gulfport, ads	867	
1338 WRUF 103.7	FL Pensacola, ads	968	
1342 WJLQ 100.7	FL Pensacola, ads	968	
1344 WBLN 98.9	FL Tallahassee,calls	1233	
1355 WUFR 92.1	GA Eastman	1170	
1400 WJSF 88.1	GA Warm Springs	1030	
1810 WOOF 99.7	AL Dothan,"woof-FM"	1067	
1811 WJLH 99.1	FL Jacksonville, calls	1300	
1812 WJHL 98.1	FL Live Oak, ads	1220	
1814 WLOS 96.1	FL Jacksonville, calls	1300	
1826 WIVY 102.9	FL Jacksonville,calls		
1830 WYFB 90.5	FL Gainesville, ID	1274	
1817 WGEA 93.5	AL Geneva, ads	1042	
1858 WGEA 95.9	GA Valdosta, ads	1193	
1858 WBBN 95.9	MS Taylorsville, calls	824	
1905 XHGL 97.7	YUC Merida, ID	1200	
1913 XHMT 98.5	YUC Merida, ID		
1916 XHRP 101.3	VER Veracruz, tent. SS, r		
1948 WPAF 82.5	FL Panama City, calls	1071	
8/30 Es			
0831 KANU 91.5	KS Lawrence		
"Listener supported KANU"			
Es			
0838 WHLZ 92.5	SC Manning, ads, "wheels"		
0845 WBBQ 104.3	GA Augusta, wx, calls	1238	

Cancun, QR or Yuc. area. A couple of good openings to CA on 8/6 and 8/17. 8/29 Es very intense with 8/29 almost as good. 10/8 was the last Es heard here filling in needed Quad. stations. No tropes at all. It's been cool and dry here. Maybe some Es to look forward to in Dec. Happy holidays to all. That's all for now. 73's.

Fat Dyer, 5315 Silvertip Dr., San Antonio, TX 78228 CST

Equip.: Realistic TR-1001 tuner into Allied 426, Archer 6-3 beam at 20' w/rotor, ASL 850'			
5/13 tr			
0108 KTIZ 96.9	LA Alexandria, ID	385	
0123 KYAR 93.3	TX Port Arthur, ID	280	
KTDY 99.9	LA Lafayette, ID	395	
0158 KLSU 91.1	LA Baton Rouge, ID, r	450	
0159 KQKY 94.1	TX Beaumont, ID, EL	275	
0208 KBTU 103.7	LA Lake Charles,Bayou-104		
0215 WYMK 101.5	LA Baton Rouge, ID	450	
0222 KYDS 105.1	TX Lufkin, ID	265	
0233 KWIC 107.9	TX Beaumont, ID	275	
5/14 Es			
1918 unID 91.5	brief	1005	
1949 KNAUT 88.7	AZ Flagstaff, c	855	
2003 KLUCT 98.5	NV Las Vegas, r	1050	
5/16 Es			
0730 WRCU 89.7	FL Miami, ID, g	1150	
0732 WFMt94.1	FL Lakeland, EL	1010	
0741 WINZ 94.9	FL Miami Beach, 94-INZ		
0743 WCMQ 92.3	FL Hialeah, ads, SS	1150	
0800 WRMB 89.3	FL Boynton Beach, ID	1150	
WGSN 93.5	FL Belle Glade, M nx, k	1110	
then spotty			
0854 WMRK 89.7	SC Columbia, ID, g	1075	
0944 unIDs	88-89		
0957 WXLkt 92.3	VA Roanoke, r	1195	
0959 WRVL 88.3	VA Lynchburg, ID	1235	
WAMU 88.5	DC Washington, ID	1385	
1000 WETS 89.5	TX Johnson City,town ID	1050	
1001 WMEV 93.9	VA Marion, wx, ads	1100	
1007 WAGC 96.5	WV Williamson, town ID	1090	
1025 f/out			
CONTINUED NEXT MONTH.....			



# QSL CORNER

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



## TV QSL's

**ON CITY2 31 Woodstock**, \* 99 Queen St. E., Toronto, ON M5C 2M1. Letter & card from Bruce Cowan, VE3GBC in 2 weeks. (Ross) & (Nieman)

**CT WEDW 49 Bridgeport**, \* 41 Harbor Plaza Dr., P. O. Box 10210, Stamford, CT 06904-2210. Letter from Wayne Estabrooks, CE. (Holbrook)

**CT WTNH 8 New Haven**, 8 Elm Street, zip 06510. Letter from Robert E. Russo, CE. (Holbrook)

**DE WTGI 61 Wilmington**, One Christina Plaza, 303 "A" Street, zip 19801. Letter after 4 follow-up reports from Brian R. Johnson, Production Manager. He explains about their programs of Shopping Line is unfortunate circumstance which is directly related to the soft advertising environment & the crowded Philadelphia TV market. (Shopping Line is another shopping program like Home Shopping Club. ed.) Yingling

**PA WETG 66 Erie**, Gannon Univ., zip 16541. Letter from Dennis A. Spagnola, CE in 5 days. The transmitter is a 2.5kw Comark, antenna is a Bogner 16 bay omni that sits atop a 683 foot tower, with exp of 35.81kw. They also send a coverage-map. (Nieman)

**IL WTJR 16 Quincy**, Box 3112, zip 62305. Handwritten letter from Carl Geisendorfer in 1 month. (Seybold)

**AR KLRT 16 Little Rock**, 11711 W. Markham, zip 72211. Nice letter, coverage-map, complete program schedule & promos from Bill Van Duynhoven, CE. Quick reply. (Seybold)

**AR KTVP 29 Fayetteville**, P. O. Box 1029, no zip given. Letter & coverage-maps from Dave Rutledge, CE. (Seybold)

**NC WJKA 26 Wilmington**, 1926 Orleans Dr., P. O. Box 2626, no zip given. Letter & program schedule from Bill LeClair, CE. (Seybold)

**TN WETO 39 Greenville**, P. O. Box 38

1074, zip 37744. Nice letter, program schedule & a WETO-TV baseball-cap with emblem send in large box from Larry Bentley, CE. (Seybold)

**MA WVJV 66 Framingham**, 111 Speen St. no zip given. Letter, card, program schedule, coverage-map, & loads of other info (10-12 pages) from Charles S. Fitch, Dir. of Eng. (Seybold)

**DC WETY 50 Washington**, \* 12276 Wilkins Ave., Rockville, MD 20852. Letter & coverage-map from Robert E. Thurber, Dir. of Eng. after 3 follow-up reports. (Yingling)

*This months reporters: Robert Ross, Dave Nieman, Hank Holbrook, Bob Seybold, & me, editor. I'm getting low again on qsl items again, so I hope someone out there has some good ones. To help both of my columns send in a good copy of your qsl letter, or card & I could use the tv id logo for Logo's Run column which also is looking for skip channels id-logos to use.*  
73's.

Send in your qsl's & logo's soon



"... Mr. Gross, can I take the truck home tonight and work the skip?"



**LOGO'S RUN**  
THOMAS J. YINGLING, JR.  
221 PINWOOD ROAD  
BALTIMORE, MD 21222-2345



WCAX TV3 JUST FOR THE FUN OF IT  
MIAMI WTVJ Channel 4  
4 KNBC  
2 a world of difference!  
4 WITG5  
WTVJ 4 Where the Dolphins Play  
TV5 WAGA  
5 KQ 2 KQTV  
3 WRBL COLUMBUS  
5 WSAV-TV  
5 WSCS-TV  
4 WSMV NASHVILLE  
3 WFSB  
4 WVB-TV  
2 WSB-TV  
KYW-TV 3  
4 KNBC LOS ANGELES  
KAMR-TV 4  
3 KCRA TV  
39 Sacramento-Stockton  
6 WPTV  
4 WTVJ  
5 WFTV  
5 WFTV  
6 WCLX MIAMI  
6 WBRC-TV BIRMINGHAM  
6 WTVB TV3  
6 WTTG METROMEDIA TELEVISION  
2 WGBT  
5 KMOS-TV  
5 WONTZ NEWS & INFORMATION CHANNEL  
4 WCBF-TV COLUMBUS, MISSISSIPPI  
4 WACB-TV4  
5 WTZR TV-6  
5 WLVZ Cincinnati  
5 WYFF-TV  
5 WCYB TV5 The News Station  
4 KTVB ANCHORAGE  
4 KTVB  
5 WSMV NASHVILLE  
4 WBZ-TV  
5 KXAS-TV

wgcb.tv **49** abc **15** update tv

red lion · lancaster · york

**40** WKFT TELEVISION

**35** WSEE-TV ERIE

**4** let the shine in! WUHQ-TV

**38** WCFC-TV

**FAT-TV 19**

**WPCQ-TV 36**

**WTVP 47** PBS

**WKCH 43** TV

**30** WYOU-TV

**TV 11** WDSI-TV

**TULSA** KOKI-TV

**12** WQEF-TV

**WCIU-TV 26**

**NEWS 4 BUFFALO** WIVB-TV

**WATE - Knoxville** TV 6

**WKRN** WKRN-TV 3

**Take 6** WMIAMI-TV LAUDERDALE

**WVBT 2** Your Stereo Station!

**WVBT 2** KPIX 5 SAN FRANCISCO

**4** kitv

**2** KTVU

Starting with this issue of Logo's Run I will be trying to get together at least half a page a month of skip channel id-logos to help id your skip ch. In order to do this I will have some input from the members from all over. And on to the skip logos.

WCAX-3 Burlington, VT / WPVI-6 Philadelphia, PA / WTJ-4 Miami, FL / KTLA-5 Los Angeles, CA / WPTV-5 West Palm Beach, FL / WPBT-2 Miami, FL / WCIX-6 Miami, FL / KNBC-4 Los Angeles, CA / WTTG-5 Wash., DC / WCVB-5 Boston, MA / WTAR-3 Norfolk, VA now WKRN-TV / WERC-6 Birmingham, AL / WAGA-5 Atlanta, GA / WTVF-6 Nashville, TN / KQTV-2 St. Joseph, MO / WGBH-2 Boston, MA / WRBL-3 Columbus, GA / KHOG-6 Warrensburg, MO / WQWT-6 Omaha, NE / WCBT-4 Columbia, MS / WCSC-5 Charleston, SC / WSAV-5 Savannah, GA / KSDK-5 St. Louis, MO / WRC-4 Wash., DC / WERV-4 Nashville, TN / KITV-4 Honolulu, HI / WJLT-5 Cincinnati, OH / WTVR-6 Richmond, VA / WFSB-3 Hartford, CT / WIVB-4 Buffalo, NY / WSB-2 Atlanta, GA / WKRN-2 Nashville, TN / WNEA-5 New York, NY now WNYW-TV / KYW-3 Philadelphia, PA / WYFF-4 Greenville, SC / WCYB-5 Bristol, VA / KITV-4 Anchorage, AK / KNBC-4 Los Angeles, CA / KITV-4 Oklahoma City, OK / WERV-4 Nashville, TN / KAMR-4 Amarillo, TX / KCRA-3 Sacramento, CA / KRIS-6 Corpus Christi, TX / WBZ-4 Boston, MA & last one KXAS-5 Ft. Worth, TX <<-page 2>> more skip channels mixed with other channels WSCB-49 Red Lion, PA / WPDE-15 Florence, SC / WKFT-40 Fayetteville, NC / WSEZ-36 Erie, PA / WFAT-19 Johnstown, PA / KFSM-5 Ft. Smith, AR / WUHQ-41 Battle Creek, MI / WPCF-38 Chicago, IL / WPCQ-36 Charlotte, NC / WTVP-47 Peoria, IL / WNCG-43 Knoxville, TN / WDSI-61 Chattanooga, TN / KOKI-13 Honolulu, HI / WCAY-30 Nashville, TN / WTVK-28 Knoxville, TN / WEHT-26 Evansville, IN / WDEF-12 Chattanooga, TN / WSKO-13 Bowling Green, KY / WCIU-28 Chicago, IL / WIVB-4 Buffalo, NY / WATE-6 Knoxville, TN / WKRN-2 Nashville, TN / WOC-6 Davenport, IA / WCIX-6 Miami, FL / WPBT-2 Miami, FL / WKRN-3 Norfolk, VA / KITV-4 Honolulu, HI / KTVU-2 Oakland, CA / KPIX-5 San Francisco, CA.

Thanks to new Logo's Run reporters Randy Miller **40** San Jose, CA & John Adams of Seaside, OR. 77% for now & keep on sending those logos!

# TELEVISION NEWS

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## FORUM

John E. Zeis (Exton PA) writes additional comments on ch. 65 in Harrisburg PA. "While the Sunday Harrisburg Patriot lists ch 65 as a WTVS 51 translator in the channel summary box, the actual program listings show ch 65 as primarily a WPHL ch 17 Phila. translator with some LPTV programs. Local originations seem to occur in the late afternoon and early evening and include high school football... and movies. The listings show ch 53 as a full time WFAT ch 29 Phila translator. Ch 70 is shown in the channel summary box as the WPHL translator, but does not appear in the program listings." John reported that the ch.65 translator may have been repeating WKBS, ch. 48 in Philadelphia when that station was on the air. "WYOU, ch 22, Scranton has moved its transmitter to Penobscot Nob, Wilkes-Barre. Reception here in Exton has changed from occasional DX to a constant watchable signal equal to WBRG." "WTVS, ch 51, Reading has made two changes. First, about 1 October, STV service changed from SelectTV to PRISH. Then, on Monday 27 October, STV service was suddenly terminated. A notice was scrolled at the bottom of the screen that evening indicating subscribers would receive a letter of explanation. The change was so abrupt local papers continued STV listings for at least a week after the change. Programming now consists only of Home Shopping Club (HSN2) except for 1 to 3 hours of morning religious and talk shows."

It seems as if television stations are jumping overnight from their former format to these shopping programs. WTGI, the new station on ch. 61 in Wilmington DE, suddenly went to Shopping Line on November 24 or 25. The TV Guide for that week still had the old program listings. I imagine they wanted to beat out WSJT, ch. 65 in Vineland (to be bought by HSN) as the first home marketing station to cover the Philadelphia area. The Shopping Line has been receiving calls from other areas of the country. One caller from Alabama reported that Shopping Line began broadcasting in her area about the same time it hit WTGI. The outfit periodically displays a viewer's membership number on the screen, and if the viewer calls in three minutes he/she wins hundreds of dollars worth of discount merchandise. Just the thing needed to get those poor impulsive buyers watching their unending push for sales for hours at a time.

While I'm talking about this local area, let me also add that as of the first week of December WNGH-40 in Wildwood NJ is still operating at reduced power. WOLF-38 in Scranton PA seems to be coming in about as good as the other Scranton-Wilkes Barre stations. Can anybody else confirm improved reception of that station?

One correction, while I'm at it, on the first page of last month's column. "5734/5734 is close to, and slightly higher than, a simple fraction of 1/4." That should be 20000-15734/15734, or 4266/15734, which is 0.271. Last month John Adams asked about Canadian and American stations shifting broadcasting stations up to the higher cable channels instead of the channels they broadcast on. The 11/29/86 TV Guide (United States) had a note in the News Update section. "From now through early 1987, subscribers in many cable systems can expect to see a dizzying array of channel-number changes, as operators move to take advantage of a Federal Communications Commission rule freeing them from carrying local VHF broadcast stations...on the same slot on the cable dial. Many cable operators are moving cable services to more-watched lower numbers and bumping some independent and public TV stations to higher spots." "The planned moves have infuriated TV-stations, but cable executives assert consumers will be better served by a lineup featuring their favorite cable services in more accessible locales." I fail to see how the lower channels can be considered more accessible than the higher channels. The real truth is that the cable operators realize that the services they offer are so tasteless as to appeal to people who find it often difficult to count past ten. You want television to be more challenging? Clip that cable, install a DX system, and join the WTFDA. The only difference between a community television system and a sanitary sewer is the direction the sludge flows.

David D. Marshall (Great Falls MT) sent in an article from the 11/8/86 Great Falls Tribune: "Since KTGF, Great Falls' third television station, signed on for the first time Sept. 21, some of the city's automatic garage doors have been reluctant to do their owners' bidding." "A spokesman for the Federal Communications Commission in Washington, D.C., said that before KTGF was allowed to start transmitting, it had to pass a 'proof of performance test.' The frequencies used by garage door openers and UHF TV stations are so different that a station so far off frequency that it would interfere with a door opener wouldn't be picked up by a home TV set, she said. Thomas Beam, a spokesman for KTGF, says the station's signal has been checked and re-checked and is transmitting a clean signal on the right frequency with the right amount of power. 'I guess the problem isn't that we're into their frequency,' Beam said. 'They're into ours.'" Bridgeton has a similar problem: Vacuum cleaners stop working when Philadelphia stations broadcast soap operas.

Ronald Purdue (Byron MN) writes, "On November 10, 1986 at 12 Noon, Television Station WLAX-25 in LaCrosse, WI went on the Air the First Time. WLAX Programming includes Cartoons, Movies, Old Network shows include 'Star Trek', 'Gunsmoke', 'Buck Rogers', etc., and Milwaukee Bucks Basketball Games." "WLAX

comes in a little snowey here, I do get WXOM-19 and WHLA-31 in LaCrosse a lot better (Snow Free) than WLAX. By determining with My Antenna position, it looks like WLAX is about 10 mi. N. of LaCrosse, Am I correct?" The only coordinates I have for it date back to its original application in 1980. If unchanged, that would put the transmitter about six miles south of La Crosse, in Minnesota, between Hokah and Brownsville in Houston County. Better yet, I just found a construction permit modification listed in the data to follow later on in this column: the new coordinates put the tower about 2 miles NNW of Hokah, SW of La Crescent and still in Minnesota. "In other TV news, KXLT-47 in Rochester MN is still not on yet (they were to sign around Sept. 1, 1986 but I smell something Squirrelly). In My opinion, I think the owner of KXLT, N. Walter Goins, Doesn't really want to put a TV station in Rochester very badly! If the FCC were to award Sterling Communications (remember?) a CP to Construct a Station in Rochester on Channel 47, They would be on the Air Right now!!"

Bruce Elving (Esco MN) reported that Tim Hendel of Miami FL was able to receive the 78.67 kHz SAP service on WCIX-6, using a modified FM radio for 67 kHz SCA. The audio of the SAP signal was clearer than SCA on FM stations. "I suggested to him that a further reason that the audio on the SAP-TV receiver was clearer than comparable SCA-FM audio was that I believe TV stations modulate their audio less intensively than FM stations do; the reason for this being not to have the audio transmitter interfere with the station's video transmitter." From the Nov-Dec 1986 Broadcast Technology, a Canadian magazine, "The CBC has applied for six re-broadcasters of CBLT Toronto in southwestern Ontario. They'll replace CFPL-TV London and CKNX-TV Wingham, which plan to disaffiliate from the CBC network in order to offer an independent service." Proposed transmitters are listed: Blenheim/2 kw/ch. 16; Kitchener/15.5 kw/ch. 56; London/1000 kw/ch. 69; Sarnia/10 kw/ch. 17; Simcoe/26 kw/ch. 67; and Wingham/828 kw/ch. 45. "The CBC also plans a re-broadcaster of CBOT Ottawa at Deep River, ON, 3 kw on Channel 3." Bruce also forwarded a copy of the 11/15/86 Expositor, sent to him from Albert Ellis. The CTV television network was up for review by the ORTC for its license renewal. Television networks in Canada are required to be licensed. Global Communications Ltd. is another Canadian television network up for license renewal in 1986. Global, an Ontario network, will be required to produce a minimum of 200 hours of new programs annually during the next five years of the license.

R. McIntosh writes, "Our KVBA Ch 52 which started with such a splash a while back as a new All-Spanish Language station has changed so that Dr. Gene Scott I've seen repeatedly in the early morning hours (in English). Also, during the daytime they have many hours of auction/home shopping high pressure selling in English, though there is a small on-screen caption indicating they take

phone calls in Spanish also. Guess they had to go where the money is." "We've had a new station start testing last week with full length color bars: Reception here has been quite snowy so I'm not positive of the call letters. As yet I don't know if the bad reception is their low power, their antenna location, or my antenna direction (not rotatable as yet)." The station Mc refers to is KDDE, an educational station on ch. 68 in Los Angeles. The station is planned for 2198 kw max/1870 kw hor, with 2884' HAAT. Its tower is right there with all the other Los Angeles transmitters, so they're probably testing at reduced power. The station was testing sometime late in October, and not seen again as of Nov. 14.

Mc sent in several articles from various issues of the Los Angeles Times, a few of which give a picture of television in other countries. From the 10/9/86 Times, "Turkey inaugurated a second television station channel this week that will initially serve the country's three largest cities. Officials of the state-run Turkish Radio and Television Corporation, which controls both channels, said the channel that went on the air Monday will broadcast programs with emphasis on cultural events. They said it will also broadcast, for the first time, an English-language nightly news bulletin. The second channel's programs are being developed by Istanbul television studios and have an initial target audience of 12 million people in Turkey's three largest cities: Istanbul, Ankara and Izmir. Television broadcasting began in Turkey in 1968."

Let me add one comment on this and the next few articles. Except for Canada and the United States, the term "Channel" or "Canal" seems to refer to a network rather than an actual number setting on the television set. Even Great Britain refers to their networks as channels. Even though these articles and other articles in the past were in American papers, foreign (not Canadian) networks were usually referred to as Channels or Canals.

American WTPDA members may be surprised to find out that Canadian networks have to be licensed, but both American and Canadian members may be surprised at this next article from the 11/12/86 Times. It seems that in Great Britain you need a license to own a television set. "Britain has a dual television system consisting of the commercial ITV and non-commercial British Broadcasting Corp. The BBC's two TV and four radio channels are financed almost entirely by an annual \$85 license fee on homes with color TV sets (\$27 for black-and-white) established by the government and collected by the Post Office for the Home Office. The controversial fee - a flat tax that hits the poor hardest - can be paid in a lump sum or in installments. Many prefer not paying at all. The BBC is running in the red, estimating that 1.6 million TV homes are delinquent and costing it \$129 million in license revenue. So, several times a year, the Post Office steps up its collections nationally, sweeping neighborhoods in white vans with lists of alleged dodgers and monitoring equipment that can pick up TV

signals."

The 9/1/86 Times looks back to 1963 when Charles deGaulle was President of France. "France had only one national television channel then, and it was owned and run by the government." "It has taken more than 20 years...for the government to shed its monopoly over television, and only now, after passage of new legislation in August, is its dominance threatened by private television." "Even Premier Jacques Chirac, the conservative politician who has done the most to weaken the government's hold on television, could not resist denouncing public television journalists a few months ago for what he described as distortion of the news." "In what may or may not have been a coincidence, Chirac then decided that the TFI Channel, whose news reports offended him the most, would be the government channel sold to private business." "The new law, while authorizing the sale of one of the three government television channels, also cancels the contracts of the owners of two existing private channels and offers them for sale as well. To complicate matters more, Socialists are challenging the law before the French Constitutional Council, which acts as a kind of Supreme Court on constitutional issues." "Mitterand finally broke the government monopoly at the end of last year - just a few months before his Socialist Party lost control of the National Assembly to Chirac and other conservatives - by awarding contracts to private companies to create two new channels, one for rock music, the other for regular programming. But angry critics denounced the contracts as rewards to old leftist friends. Channel 5, the private channel for regular programming, aroused the most controversy. Its owners were...close to Mitterand and the Socialist Party." "Although gaining somewhat in popularity in recent months, Channel 5 has never been able to weaken the hold of the three government channels on the French public. In fact, Channel 5, with its incessant variety shows and movies chopped up by commercials, probably succeeded only in making many French suspicious of private television. The commercial interruption of movies upset French audiences grown used to seeing movies intact on public television. A recent poll showed that an overwhelming majority was hostile to commercial interruptions." "Yet, despite polls showing that most French do not want one of the government channels sold, Chirac plans to go ahead with the sale." "If the government channel is sold, the French television system will consist of two government channels, three private channels and a pay-television channel that is usually classified as semi-public since it is controlled by a huge advertising and publicity agency that is itself controlled by the government. The Chirac government is going ahead with its plans...to provide cable access to half the homes in France by the year 2000...and to launch a satellite that could telecast five channels throughout Europe. If success-

ful, these programs would probably change the face of French television far more than the recent break in the government monopoly and the impending sale of TFI. No matter what the distant future holds for French television, there is one certainty - more commercials in the near future. With government channels limited to no more than 24 minutes of advertising a day, France, the fourth industrial power in the west, ranks only 15th in the percentage of its advertising revenue devoted to television. That is sure to change. The private channels will need the commercials to survive, and the government channels, which depend mostly on television license fees collected by the government, will probably need more commercials to compete."

Now to television in the Soviet Union, with the 11/12/86 Times. "In a small, stuffy office at the Rand Corp., to the whir of a made-to-order computerized satellite tracker, Sovietologists like (Clayton) Griffin, a UCLA Ph.D. candidate, are getting their MTV - Moscow television, a six-hour daily dose of the 'blue screen,' as Muscovites call it, just as cosily as if they were sitting in a living room in Vladivostok." "Compared to the slick technogloss of American Television, Soviet TV is barely lumbering into the Bronze Age, with its nonexistent special effects and crude on-camera techniques, from clumsy cardboard graphics to a nervous coal mine director awkwardly holding his own enormous microphone during an interview." "On a given day, the Soviet broadcast begins at 6 a.m. on Program Two, the one that Rand is able to receive, which broadcasts from the Ural Mountains to the Pacific Ocean. The center pulls in the satellite signal from four Molniya (lightning) satellites, switching from one to the next as the Soviets change over. The Soviet handoffs between satellites are not always smooth. During the gaps, a card flashed onto the screen: 'Comrades, a 10-minute technical break.' There are four Soviet channels, all broadcast from Moscow and all carrying the same basic programs." "Without competition, there is none of the commercial one-upmanship that makes for innovation, good or bad. There are a couple of quiz shows - one called 'What? Where? When?' - whose rewards are intellectual satisfaction, not a host of fabulous prizes with lanky blondes draped over them. During a standard broadcast week, Griffin said, there are films - dubbed 'the million ruble movie' by Columbia University students, where the same satellite setup exists, as it does at Stanford University as well. And there are cinema products from Cuba, Eastern Europe or China, and at least once, it is said, a Beatles movie, shown on Easter Eve - the most sacred day of the Russian Orthodox year - ostensibly to keep young people home, and out of the churches, experts believe." "Besides the interminable speeches of the Supreme Soviet, there are televised lessons in feometry, grammar and computers, and a weekly chess show...that holds out the lure of a mail-to-you diploma to viewers who complete their 10-week TV course." "The point is didactic," Griffin said. 'Soviet television

is not designed to entertain anyone. It's designed to inform and educate; this is what you need to know and this is how you need to live your life." "But now the West is slowly forcing Moscow's hand...and 'things are changing.' Internal matters are one thing - Soviet citizens know the daily life they live - but television sets in Leningrad can pick up Finnish signals. East Germany, anxious to lure workers to jobs in Dresden, had to put up apartment-building TV antennas that will pull in West German programs."

Now south of the border to Mexico with the 11/7/86 Los Angeles Times. "The thousands of satellite antenna dish owners in Mexico are discovering they have no legal means of descrambling channels. The U.S. government and motion picture companies stand in the way. 'In Mexico, we're fried,' said Rodrigo Hernandez, whose company manufactures and sells satellite antennas. 'We don't have any rights.' U.S. law prohibits the sale of the MA/Com VideoCipher II descrambler outside the United States because its coding system uses technology that is controlled by the U.S. military and is not exportable, according to Larry Nelson, MA/Com executive vice president. The VideoCipher II decoder has been chosen by most satellite channels that have signals that are or will be scrambled." "To make matters worse for Mexican satellite antenna owners, American movie companies also are keeping a tight rein on their product. 'Programmers such as HBO, Cinemax and Showtime pay for the rights to the movies they show, but they have the rights to those signals to rebroadcast them only to the continental United States,' said Jerry Fischette vice president of operations for SPACE, the Satellite Television Industry Assn. based in Alexandria, Va."

Two more articles discuss American television, but touch on the international scene. The 10/18/86 Times discusses coverage of the El Salvador earthquake by southern California broadcasters. "Instead of relying on the television network reports or news wires, several stations flew their own reporters to the scene within hours of the disaster." "But the role broadcasters played in the disaster didn't end with news coverage." KVEA (ch. 52 in Corona CA - wbf) became something of a video telegram, letting survivors speak directly to their relatives in Los Angeles. The Salgado family not only heard the good news; they saw it over KVEA. "We believe that, for the first time in the history of either Spanish- or English-language TV, a television station has broadcast written and ...recorded messages to the families here," said KVEA vice president Frank Cruz. "Spanish International Network (SIN), which airs locally over KNEX-TV, Channel 34, estimates that 12% of its Los Angeles audience is Salvadoran. As a result, KNEX news director Pete Moraga has been piecing together several news specials to complement the live updates and the six regular public-service announcements, asking for viewer contributions to relief agencies...." "In addition to news coverage and message delivery, broadcasters are taking

on a third rold of fund raising. Besides the donations KNEX has taken in, KVEA and virtually every other Spanish-language radio station in Los Angeles is soliciting contributions for quake victims."

From the 10/29/86 Times, which apparently doesn't know the difference between Los Angeles and San Bernardino, "In less than a month, Los Angeles' first multilingual television broadcaster has gone from proclaiming the creation of a new Spanish-language broadcast network to dropping all its Spanish-language programming. Friday will mark the last Spanish broadcast for KSCI (Channel 18). The cancellation reflects the station's desire to cut its in-house production costs, which had increased with the creation of original Spanish-language programming, according to Michael Draznin, KSCI media relations director. The station will now concentrate on serving the 14 other ethnic and linguistic groups and leave Spanish programming to its competitors, KNEX-TV and KVEA-TV." "KSCI, which currently broadcasts in 15 languages, including Spanish, will plug in several English-language shows as a short-term replacement for the canceled Spanish programming but will remain committed to its multilingual philosophy, Draznin said. Most of KSCI's programming time is rented to groups that pay their own production costs." "But cancellation of KSCI's Spanish-language programming automatically kills this month's planned start-up of the Hispanic Broadcast Network (HBN), a small-scale program network.... Earlier this month, station officials reported that 18 stations had agreed to become HBN affiliates."

According to the 10/9/86 Times, "The controversial sale of KNEX-TV in Los Angeles and nine other Spanish-language outlets to Hallmark Cards Corp.'s and First Capital Corp. of Chicago cleared another hurdle this week when a Los Angeles federal judge reaffirmed her decision to select their \$300-million bid. In August, a Latino-owned TVL Corp., an unsuccessful bidder for the Spanish International Communications Corp. (SICC) stations, filed a motion in federal court in Los Angeles in an attempt to halt the sale of the stations to the Hallmark group. TVL claimed that Hallmark and the selection committee 'compromised' the fairness of the bidding contest." "But the Kansas City, Mo. - based firm still faces formal protests filed with the FCC by a variety of Latino organizations and unsuccessful bidders, including TVL."

In two other articles, John Blair & Co. is selling KESY (ch. 6, San Luis Obispo CA), KBSW (ch. 8, Salinas) and KOKH (ch. 25, Oklahoma City OK) to Gillett Holdings; and a deal by Storer Communications to sell six television stations to Lorimar-Telepictures fell through.

John M. Jefferson (Pleasanton CA) writes, "KPST-66 Vallejo actually began broadcasting yesterday, 11/25. They have Home Shopping Network as reported. Their signal is even worse than testing indicated: goods, phone numbers, people - - - it matters not what they show; it's all an abstract design here.

Also on is KLVV-65 San Jose. They are barely seen here, offering a slightly better signal than K57AV Santa Cruz, which is cosited." "What?! And they're eight channels apart?" "A call revealed that they are operating at low power until they finish their main transmitter. They're a full-time religious outlet & signed on 11/11. KTEH-54's K65AW Gilroy has been moved to ch. 52 as a result of KLVV's arrival. Don't know when it happened, but saw it very weakly here 11/3. Another new arrival seen testing 11/3 and on the air the next day is KNXT-49 Visalia. Thought it was a misprint when you listed them as 2150 watts, figuring it would be 2150 kw, but judging from their terribly weak signal they must be that weak. Too bad: they're on Blue Ridge with KHPH-26, which would be my best from the San Joaquin Valley except for being cochannel with KTSF." "What misprint are you talking about? I reported 2150 kw ERP in the 6/86 VUD under Construction Permit Modifications Granted. All those numbers are in kilowatts. If KNXT is weak, maybe, like some stations do, it's starting out at reduced power. Let me know if its signal strength increases." "Not yet logged here, but on with full power since mid-October (think they said 10/10, but not positive) is KREM-27 Reno, NV. They are a SIN affiliate. Still no sign of KSMS-67 Salinas, so they're still at low power."

A few articles from John Combs (Jacksonville FL) describe the morning mess in that city. The CBS Morning News is described as a comedy of errors that has been turned into a circus and a soap opera. Local affiliate WJXT-4 has been contemplating replacing it with a locally-produced morning program. NBC affiliate WJKS-17 broadcasts First Coast Sunrise, which is doing very poorly in the ratings. Dominating the scene is Good Morning Jacksonville on WTLV-12. Two weeks after it began live traffic reports from helicopter, the copter crashed while transmitting live, killing two crewmembers. In a postcard that was badly mutilated by the post office, John writes, "Re: your discussion of 'automatic' IDs in the October VUD. I once had the fanciful idea of simply having each TV station's ID encoded in the vertical blanking interval. This way, the signals could be legally IDed, station breaks and IDs would no longer be required (many stns consider them a nuisance anyway) and DXers could use a simple little device that would decode this info and display the call letters of a given signal. The only drawback to this would be that it would take all the FUN out of DXing! If you could positively ID every unknown signal within 5 or 10 seconds, where would the challenge be? Sure, our station lists and counts would grow considerably, but I think we would all quickly get bored and start collecting bottle caps or something!"

Roy Barstow sent in a list of CBC affiliates, which will be helpful in the upcoming TV Station Guide. He also reported WTWS-26 in New London CT testing with color bars and no ID from 9/4 to 9/12, testing with ID superimposed for the first time on 9/13.

Tom Yingling (Dundalk MD) reported seeing new television station WUPF, an educational station on ch. 36 in Roanoke Rapids NC during a DX opening on 11/28/86. He also mentioned seeing an unidentified ch. 48 west of Philadelphia while visiting Steve West.

David Sinclair (Vancouver BC) sent a few clippings, reporting that CKVU, ch. 10 in Vancouver, BC, an independent station, celebrated its tenth anniversary. The station went on the air 9/5/1976.

The 9/16/86 Globe & Mail carried a few comments from Bernard Ostry, chairman and chief officer of TVOntario, about a growing tendency in Canada (which is also the basis for most of the FCC's policy these days). "In Canada there was a time when it seemed perfectly natural...that broadcasting should be carried on for the public good, for the national interest, at public expense, and by institutions free of political interference yet answerable to Parliament. We believed that communications, being essential to the survival of our country and culture, should be a matter of public concern. How did it come about that that faith collapsed, to be replaced by the belief that if we leave everything to the give-and-take of the marketplace we can achieve the same goals?" "Today the free-market ideology is mounting a heavy attack on public broadcasting and other public activities..."

The 8/9/86 Financial Post reported on pay-TV in Canada, giving insight into its history and present problems. "Its most ardent promoters saw pay-television as a showcase for Canadian films, a bonanza for cable companies, and a new custodian of culture. Its prospects seemed as unlimited as the appetite for entertainment. Flush with forecasts and figures, the apostles of the video revolution heralded the arrival of commercial-free television. Twenty-eight groups vied for a license. In March, 1982, the Canadian Radio-Television & Telecommunications Commission approved six new channels. But the future was not what it appeared to be. Months after pay-TV went on the air, rentals of video cassettes soared, while pay-TV subscriptions lagged. Losses mounted. Old channels folded and new ones appeared. Today there are three principal pay-TV operators in Canada, and even their survival is in doubt. The optimism has faded like a soft summer mist. When the (CRTC) holds license-renewal hearings this autumn on pay-TV its larger purpose will be to review the value of the service. The commission will find an industry shaken by almost five years of debt, failed expectation, and fitful growth." "Under the current rules, pay-TV must spend 45% of its subscriber revenue, and 60% of its program budget, on Canadian material. Half its programming must be Canadian. First Choice and Superchannel would like to drop Canadian content to 15% and readjust spending on Canadian programming to 50.1% of 'adjusted gross subscriber income,' which would calculate spending on revenue after deducting operating expenses other than for programming. Their threat to the commission: Change the rules or we sign off." "The three channels have

727,000 subscribers, less than half what they expected. Although the audience is now growing, Canadians have been reluctant to pay \$15.95 a month for pay-TV, plus \$11 for cable, for a service of questionable value. "The growth of home satellite dishes and the surging popularity of home video rentals explain the sluggish growth of pay-TV. About 37% of Canadian homes now have video cassette recorders. Video rentals generated \$400 million in 1985. Pay-TV reaches 16% of cabled homes and yielded \$52 million last year. A second reason pay-TV has not caught on, argue pay operators, is there are not enough good Canadian films. Pay-TV has to repeat grade-B films to meet its content quotas. In frustration, subscribers have turned to video machines. But challenging this view are a clutch of broadcasters and filmmakers who think pay-TV operators are using the CRTC to recover losses caused by their own ineptitude. They say changing the rules will make pay-TV a vehicle for American programming, the reason the service was kept out of Canada long after it went on air in the U.S." "Pay-TV went on the air in February, 1983, with six channels: First Choice, a national general channel; Superchannel in Ontario and Alberta; Star Channel in the Maritimes; Premier Choix and TVC in Quebec; and C-Channel, a national arts channel. Within months, C-Channel and Star Channel went under and the two French-language channels merged." "When it became clear that pay-TV could not withstand competition, the CRTC created a monopoly at the Ontario-Manitoba border. Superchannel won the right to Western Canada; First Choice won Eastern Canada.

From the 10/13/86 Playback, "First Choice president Fred Klinkhammer says he's convinced his recent pitch to the CRTC regarding broadcasters' reluctance to coproduce with pay-TV and pay-TV's inability to tap into the Broadcast Fund will produce results." "Intervening at Global's license renewal hearing in Toronto, he told the CRTC that Canadian producers' ability to make money on their films is in jeopardy because broadcasters 'have abused their power by either excluding pay-TV altogether (in coproductions) or reducing the pay-TV window to a meaningless length.'" "First Choice wants the CRTC to impose a condition of license that would bind Global and other broadcasters to give producers access 'through prior exhibition' to all available markets including theatrical, home video and pay-TV. CRTC commissioner Jim Robson says it is unlikely that such a condition would be imposed. Global contends that once shown on pay-TV, a production is perceived as simply another rerun - reducing audiences and revenues, while First Choice argues that its first-run films hit just 2% to 10% of the Global audience."

From the 11/14/86 Province: "The CRTC yesterday rejected an appeal by the cable industry to introduce pay-per-view TV, saying it is not convinced it will help build a strong Canadian broadcast system. Earlier this month, the cable industry said it was ready to launch the system and that consumers should

not be denied access. The Canadian Cable TV Association said it is 'very frustrated' by the decision."

From the 10/13/86 Playback: "The CTV Network says there is not yet the consumer demand to support a satellite-delivered, direct-to-home (DTH) TV service. In a recent submission to the CRTC, the network says a DTH system shouldn't be introduced at the expense of Canadian choices already available to most viewers. It wants the CRTC to regulate and supervise satellite broadcasting and to ensure that DTH services, if licensed, make the same contributions as other broadcasters. CTV also wants the same rules for current broadcasting licensees to apply to DTHs including those on Canadian content obligations. CTV is also concerned that a national, advertising-supported DTH service would siphon ad revenues from private broadcasters - revenues which the network says are already in decline."

Still on the CTV network with the 11/19/86 Globe and Mail. "The CTV network boosted its commitment to producing Canadian dramatic programs yesterday, moments after being blasted by the chief federal broadcasting regulator for failing to do so. As the hearing into CTV's license renewal was about to take a mid-afternoon break, Andre Bureau, chairman of the Canadian Radio-television and Telecommunications Commission, interrupted the proceedings to say he was frustrated by CTV's failure to promise 'one more minute' of dramatic programming beyond what it currently broadcasts." "In addition to a 30-minute increase in Canadian drama introduced earlier this year, he promised that the network will add another 30 minutes both next year and the year after that. Over the course of three years, CTV will have doubled its prime-time drama roster to three hours a week...."

An unnamed article gives further detail (I think from Playback): "Ray Peters, chairman of the executive committee of the CTV Network and director and chairman of BCTV, Vancouver, told a recent Financial Post Conference on Broadcasting in Toronto that 'dramatic changes' are ahead for CTV. Peters said the network has been restructured to make a greater contribution to Canadian production." "CTV appears before the CRTC in Hull, Que., Nov. 17 for its first license renewal hearing since 1977. In spite of predictions of costs outstripping revenues and a soft advertising market, the CTV is promising to: \*Increase Canadian drama in primetime... by 30 minutes per week (to two hours) starting in the 1985-1986 season (? -wbf) and extending over the life of the license renewal term. \*Continue to reflect Quebec cultural life through Quebec-produced, primetime series for national distribution. \* Program 26 hours and 50 minutes per week of regularly scheduled Canadian programming during the 1986-1987 and 20 Canadian feature-length movies within the same year. \* Meet and exceed the Canadian content requirements in both regulated time periods on a biannual basis. \* Continue to be an active participant in Telefilm Canada and in coproductions with the

pay-TV industry."

It was mentioned last month that the CTV network is actually owned by 16 affiliates. This next article, from the 11/18/86 Globe and Mail, is related to that fact as well as the necessity of CTV to produce a certain amount of Canadian programming. "CTV television has already addressed some of the problems that critics say deprive the network of the money to produce quality Canadian programs...." "J.R. Peters, chairman of the network's executive committee, said a controversial revenue-sharing agreement between the network and its affiliates has never been properly understood." "Despite his defence of a system under which the lion's share of revenues flow to the affiliates while CTV accumulates large debts, Mr. Peters announced changes to the much-attacked arrangement. Rather than automatically getting 75 percent of network revenues in exchange for access to their transmitters, the 16 affiliates that own CTV now will share whatever profit is left at the end of the year...." "A dearth of Canadian dramatic production has been the major criticism aimed at CTV in the weeks leading up to the hearing. CTV revealed that it broadcast 66.5 hours of original Canadian drama programs last year and said the total will rise to 88 hours this year, thanks largely to the influence of funds from Telefilm Canada. (Last week the CRTC told Global TV that it must broadcast 200 hours a year of dramas, children's programs, musicals and documentaries.)"

We've heard a lot already about requirements for Canadian content in programming, and minimum requirements of new drama production. But what about those American stations that reach across the border? Here is a Canadian view of that from the 11/3/86 Globe and Mail: "The newest outlaws in the regulated world of Canadian broadcasting hang out in the unlikely frontier outpost of Pembina, N.D., 100 kilometres south of Winnipeg. Just spitting distance inside the U.S. border, the remote town provides refuge for a new type of television station: KNRR-TV. The station is designed to beam its signal into southern Manitoba while maintaining its base camp safely beyond the reach of Canadian regulators. Canadian broadcasters are up in arms over KNRR. They view the station as a transparent attempt to escape the obligations - such as Canadian content quotas - demanded of television stations operating in Canada. 'If Winnipeg wasn't (sic) north of the border, KNRR wouldn't exist,' said David Bond, president of the Canadian Association of Broadcasters. 'It was set up strictly to cream off revenues from Canada.' According to Canadian broadcasters, more than 90 percent of KNRR's potential audience of 700,000 consists of Canadians. NRR stands for 'National Rape and Ripoff,' Mr. Bond said. (Actually, the call letters stand for 'Northern Red River.') The Canadian Radio-Television and Telecommunications Commission isn't happy either about broadcasters poaching on Canadian territory and evading its regulatory

authority. It recently told two Manitoba cable companies that they are not allowed to carry KNRR-TV - the first known instance of the commission banning a nearby U.S. station from cable." "Worse yet, the CRTC is aware of plans by other renegades to set up shop in similar safe havens along the U.S. border.... The plans cited by CRTC officials belong to the owners of KORC-TV in Anacortes, Wash., 50 kilometres south of the British Columbia - Washington border. The station was licensed (sic) by the U.S. Federal Communications Commission last year, but its backers have had trouble raising money and have been unable to get it on the air. Having looked at the planned wattage and transmission configuration, B.C. broadcasters have no doubt, however, that the station would be aimed at the province's lower mainland. The conclusion is borne out by a year-old private placement prospectus for KORC, which pulls no punches about the primary market being Vancouver and Victoria. If the station ever gets going, its U.S. owners will open an advertising sales office in Vancouver and concentrate their efforts there." "The KORC prospectus pretty well describes the KNRR operation as well." "The station has no news service and its schedule is crowded by a stable (sic) of reruns like Hogan's Heroes, I Love Lucy and Star Trek." "And the station has an advertising sales office in Winnipeg." This month's trivia question: What nationality is William Shatner? Clue: He is not a citizen of the United States.

From the 9/86 Dial, put out by KCTS, ch. 9 in Seattle: For two years, KCTS/9 has been planning major improvements to the station's transmitter system. The transmitter, tower and antenna are located on Seattle's Capitol Hill, and provide the Channel 9 broadcast signal which you view. Recently, the Federal Communications Commission authorized KCTS/9 to transmit at full power. This will enhance viewers' ability to receive Channel 9 in outlying areas."

Finally, a word from Dave Sinclair himself in a letter dated 11/24/86: "Last week I telephoned KORC-TV, based in Everett, Washington. I was advised that they expect to sign on air on Channel 16 at the end of November or early December." I still have to go through a large amount of CRTC releases sent by Dave last month.

Marty Barvinczak (Gelnshaw PA) sends news from the Pittsburgh area. He reports seeing WACP-TV, ch. 8 in Johnstown PA testing around 10/10 or 11, and beginning programming on 10/13 at 5:58 p.m. The station shares a dual ID with WPGH-TV, ch. 23 in Altoona. "Ch 8 broadcasts about a 20-hour schedule from 6 am to around 2 am with slightly better than average independent UHF fare." "They also carry Pittsburgh Penguin Hockey games (along with WPGH-53 Pittsburgh). I would be interested to know if you show a power increase for WACP-23. It would be tough here with a local-22, but they are high in the mountains and, if they've raised their power, I could stand a chance to DX 23 someday." The station is licensed for 21.1 kw, and has a CP for 182

kw, not much of an increase. "Channel 16, WQEX, began broadcasting with its new higher power (?) color transmitter. Although still a sister station of channel 13-WQED, their concept is unique. The TL remains the same - shared tower with WQED-13."

# QEX 16

PITTSBURGH

Quite Extraordinary Television

Some enclosed articles from Pittsburgh magazine, September, 1986, describe the unique concept. "A new and perhaps startling presence will join the Western Pennsylvania broadcast scene on October 16. The all new, and some may say all revolutionary, WQEX/Channel 16 will become the full-fledged sister station of Channel 13. Channel 16 will burst upon the scene in full color and full power. Under the capable leadership of its Station Manager, Ken Tiven, WQEX will take to the air waves as a full-service entity with its own clear-cut identity. Its programming will be a mix of new ideas characterized by a fresh approach to organizing the material. We call it 'Vertical' or 'Theme Programming': each night of the week will have its own theme, which will carry over to subsequent weeks. For example, Monday evening's programs will showcase our many-faceted world, including travel, as well as foreign and ethnic interests. Thursday evening's programs will be geared to young adults, a group which is rarely served by public television. There will be nostalgia, music, documentaries, and much more, all organized within our 'vertical' format. Periodically, a special program may alter the theme of a certain night. Early daytime programming will focus on education, instruction, and Job Help information, as well as other issues. Additionally, the daytime schedule will begin children's programs in the early evening at about the time that WQED's children's programs stop. WQEX will introduce new children's programming, also." "Every night will be hosted by a video DJ, or 'VJ,' to enhance viewer involvement and give personality to that night" Lastly, Marty adds, "I am wondering if you have seen any further info on the once proposed LPTV-ch. 61 here?" No. I haven't been researching LPTVs or translators lately.

That's about it for the mail this month. With issues like this you can probably see why I changed the name of the column from "FCC TV NEWS." A large amount of it often covers Canada and other nations.

One final subject: While I have predicted that home marketing businesses like Crazy Eddie, Home Shopping Network, Shopping Line and Telephone Auction will diminish soon after the holidays and all but die out in the next year or two, they still seem to be gaining strength. What exactly is happening?

**The CRAZY EDDIE**

**World of Home Entertainment Shopping Network**

**CRAZY EDDIE GUARANTEES YOU!**

- Generous Return Policy
- A Price Track Record
- Customer Satisfaction
- The Best Brand Name Merchandise
- The Absolute Lowest Prices Guaranteed
- The Nation's #1 TV Shopping Channel
- Crazy Eddie's Own Fulfillment Center
- The Home Store of the Year (Production Facility)

**CRAZY EDDIE GUARANTEES HIS CUSTOMERS!**

- The Absolute Lowest Prices Guaranteed
- Extended Warranties
- Customer Satisfaction
- The Largest Selection of Brand Name Merchandise Available
- All With One Warranty
- The Opportunity to Receive Your Cash
- Toll Free 800 Customer Service Line
- Fast And Efficient Order Processing
- 90 Day Price Protection Policy
- Names, Prices, Size, Style, And More!

Where are all these home marketing companies coming from? Why is it happening so suddenly? Why now?

Up until a few years ago, UHF television finally reached maturity, overcoming the handicaps that had plagued it for decades. Suddenly they were profitable. More applications poured in: applications for new stations, and applications to assign channels where none existed. More and more stations made it on the air, both in isolated cities out west and in large cities, already crowded with television stations. The old syndicated programs rode the nostalgia waves. The newer satellite-fed syndicated programs needed stations to air them, and UHF was there. More first-run programming was made available to UHF.

But then something else arose, that was to change UHF television, even our own lifestyles. The videocassette recorder became accessible to the public. They could now watch their favorite network program when they wanted, and fast-forward the commercials at the same time. They could rent movies before they ever reached television, and without any commercials, for as little as a dollar. UHF television overcame all its other difficulties, only to meet a foe it can't handle.

People aren't watching UHF as much as they used to a few years ago. That means the ratings go down. That means the stations can't charge advertisers what it used to. And that means the stations can no longer afford good syndicated programs. And that means fewer people watch the stations, and go out to buy videocassette recorders.

When they can no longer afford programming, what do the stations do? So far everything they tried is something cable television has

been doing all along, but not with cable's success. Several UHF stations went the way of scrambling their signals and charging the public to see recent movies only months after they were at the theatres. That didn't work. A few stations tried video music, following the format of MTV. That failed. Now they're turning to home marketing, which has already been on cable for some time.

Home shopping is not wise shopping. It's 100% impulse buying. Instead of going to the department store with the intent on buying certain items, people are now sitting in front of their sets watching an endless sales pitch for items they don't need, hadn't planned on buying, for sale at less than half the retail price.

It won't be long before the popularity of home marketing dies down. Many of the marketers will lose out to the competition. Others will simply reduce the hours spent weekly. One marketer will be left holding fourteen UHF television stations with nothing to broadcast, and no advertisers paying for their commercials to be aired.

And when home marketing fails, some UHF stations will struggle for their last gasp of breath and die. And nobody will notice.

APPLICATIONS FOR NEW TELEVISION STATIONS

CH	ERP	HAAT	STATE/CITY/APPLICANT
31	5000	497 TX	Victoria; Victoria Broade'ng
21	3000	1046 GA	Brunswick; James L. Wiggins & Joseph H. Roberts
63	5000	850 GA	Monroe; Thaddeus Bishop
22	550	481 IA	Waterloo; Hawkeye Ltd. Partnership
45	5000	1503 LA	Shreveport; Word of Life Ministries Inc.
23	1500	1109 NC	Morganton; Thomas Edmund Shuford Long
50	5000	400 KY	Ashland; Calvin Ross
50	5000	400 KY	Ashland; Harry J. Turner
57	5000	365 KY	Madisonville; Wm. Sanders
57	5000	365 KY	Madisonville; H.J. Turner
21	5000	166 LA	Minden; John Jones Jr.
51	5000	1164 MS	Jackson; Turner Broadcasting & Communications Systems
36	5000	570 SD	Sioux Falls; John H. Echols
36	5000	570 SD	Darryl Madlock
60	5000	213 TN	Livingston; Harry J. Turner
21	5000	606 TX	Beaumont; Johnnie Woodbury
29	1000	577 WV	Charleston; Melvin Jones
59	n.c.	n.c.	FL Jacksonville; Jacksonville Broadcasters (amended from Palmetto Broadcasters Associated for Communities)

CONSTRUCTION PERMITS GRANTED

60	5000	1482 PA	Bethlehem; Sonshine Family TV Inc.
57	400	693 GA	Atlanta; ACORN TV In Action for Communities
62	3000	1009 FL	Venice; Venice Broadcasting Corporation (Review Bd.)
42	5000	765 AR	Little Rock; Leininger-Geddes Partnership (ex-Dale Leininger) (Initial dec'n)
60	5000	1035 TX	San Antonio; Nueva Vista Productions

APPLICATIONS DISMISSED

VI	Christiansted; ch. 15; Cabarrus TV Corp.
AR	Little Rock; ch. 42; Capitol Communications Corporation.
CO	Denver; ch. 50; Spanish International Communications Corporation.
GA	Atlanta; ch. 57; Community Television Inc.
NJ	Newton; ch. 63; East Coast Television.
PA	Bethlehem; ch. 60; Bethlehem Broadcasting; William J. Kimble; Lehigh Valley Broadcasting & Communications.
TX	Austin; ch. 54; Capital Area Broadcasting.
TX	San Antonio; ch. 60; Amisted Communications of the Southwest; Pro 60 Communications; San Antonio Broadcasting Inc.; San Antonio Video Corporation; TV 60 Partnership; Vela Broadcasting Company (initial decision).
VA	Danville; ch. 24; Houghton Television.

CONSTRUCTION PERMITS CANCELLED

IA	Waterloo; KTCG; ch. 22
WI	Janesville; WJAW; ch. 57
PR	Cidra; WGMT; ch. 46

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

35	5000	1371 IL	La Salle; WFTO-TV
24	102	680 KY	Bowling Green; WKYU-TV (from ch. 59)
18	1079	1054 FL	Cocoa; WRSS
62	20	496 MA	Lawrence; WRFP
46	6.6	272 MA	Horwell; WRIT
59	115	730 IN	Fort Wayne; WFVA

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

25	501	995 HI	La Crosse; WLAX (now on air)
47	107	341 MN	Rochester; KALT (Don't give up hope yet, Ronald!)
50	1000	1268 NY	Watertown; WFYP
29	450	1301 PA	State College; WQEX
64	1000	467 PR	Naranjito; WECN
64	3134	1701 CA	Barstow; KVVU
66	3470	1495 CA	Vallejo; KPST-TV (now on air)
46	5000	1948 NC	Belmont; WJHU

APPLICATIONS TO CHANGE EXISTING FACILITIES

14	1280	1521 TX	Amarillo; KQIT (amended) (CP)
58	5000	1793 CA	Stockton; KSCN-TV (CP)
36	5000	1476 FL	Cape Coral; WPTX (CP)
25	2140	975 OH	Cleveland; WVIZ-TV (CP)
7	316	1261 TX	Austin; KTBC-TV (CP)
15	88.3	1296 NH	Hanover; WHED-TV (CP; temporarily off the air)

CONSOLIDATED HEARINGS

NC	Jacksonville; ch. 35; Jacksonville Broadcasting Company; James Capers Jr.
WV	Bluefield; ch. 40; Interface Productions Inc.; Paul Lambert Ltd.; Living Faith Ministries Inc.; Blue Sky Broadcasting Inc.
FL	Bunnell; ch. 58; Meredith Corporation; Pollack Broadcasting Company; Glenda McLeod; Bunnell Broadcasting Corporation; Press Broadcasting Company; Bunnell Communications Inc.; Bunnell Television Company.
MN	Duluth; ch. 21; Robin C. Brandt; Greater Duluth Broadcasting; Ann Wilson.
NV	Paradise; ch. 39; Pollack Broadcasting Company; Nevada 39 Inc.; Wynn Communications Inc.; Puamehana Ltd; Nevada Broadcasting Group; Goldhill Broadcasting Inc.



**NEW STATIONS ON THE AIR**  
**MT** Great Falls; KTGF, ch. 16z; new data from recent construction permit modification supercedes data reported in 11/86 VUD: 2030 kw max ERP; 104.6' AAT/769' AG/4619' ASL; TL same as previously reported; NBC affiliate.  
**NM** Roswell; KPRV, ch. 27-, went on the air 9/9/86; 871 kw max ERP; 377' AAT/458' AG/4093' ASL; TL 0.5 mile west of 1900 N. Sycamore St., Roswell; coordinates 33°24' 58"/104°33'59"; address: Prime Time Christian Broadcasting, 2110 S. Main St., Roswell NM 88201.  
**NY** Utica; WTUV, ch. 33z, is now on the air as of 9/1/86; 42.5 kw max ERP; 647' AAT/175' AG/1551' ASL; TL on Prospect Hill, Skyline Drive; coordinates 43°02'14"/75°26'40"; address: Mohawk Valley Broadcasting Inc., Prospect Hill, Skyline Drive, Utica NY 13504.  
**FL** Lakeland; WTMV, ch. 32z, is now on the air. 5000 kw max ERP; 890' AAT/862' AG/1017' ASL; TL 0.4 mile SSW of Peebledale; coordinates 27°50'15"/81°56'53"; independent station; address: Lakeland Public Interest Telecasters, 4332 S. Florida Avenue, Lakeland FL 33803.  
**KY** Louisville; WBNA, ch. 21-, is now on the air; 2000 kw max ERP; application for construction permit modification calls for 696' AAT/437' AG/1262' ASL; TL on Prayer Mountain, Shepherdsville KY; coordinates 38°01'59"/85°45'16" (about 25 miles SSE of the other Louisville television stations.); address: Word Broadcasting Network Inc., 3701 Fern Valley Road, Drawer 21, Louisville KY 40219. Independent.  
**NV** Reno; KREN-TV, ch. 27+, went on the air 10/27/86; 1000 kw max ERP; 2925' AAT/107' AG/9754' ASL; TL on Slide Mountain, 15 miles SSW of Reno; coordinates 39°18'47"/119°52'59"; address: Sainte Ltd., 4600 Kitzky Lane, Bldg. G, Suite 177, Reno NV 89510. Independent station.  
**TX** Garland; KIAB-TV, ch. 23z, went on the air 9/25/86; 5000 kw max ERP; 1142' AAT/603' AG/1215' ASL; TL at 3710 Marquis Drive in Garland; coordinates 32°54'04"/96°41'14"; address: I AM Broadcasting Co., 3720 Marquis Drive, Garland TX 75042. Independent station.  
**PA** Johnstown; WJCP-TV, ch. 8-, went on the air 10/13/86; 166 kw max ERP; 1208' AAT/270' AG/3175' ASL; TL approx. 6 miles SE of Ligonier PA; coordinates 40°10'53"/79°09'06"; address: Evergreen Broadcasting Corporation, 1450 Scalp Avenue, Johnstown PA 15904; independent station.  
**IL** Charleston; WELU-TV, ch. 51+, is reported to be on the air; 48.5 kw max ERP; 234' AAT/213' AG/907' ASL; TL between 7th and 9th Streets, near Cleveland Avenue, Charleston; coordinates 39°28'43"/88°10'12"; educational station; address: Eastern Illinois University, Radio & Television Center, Charleston IL 61920.  
**WI** La Crosse; WLAX, ch. 25z, went on the air 11/10/86, as reported by Ronald Purdue;

501 kw max ERP; 995' AAT/657' AG/1872' ASL; TL at Tschumper Road intersection with Hwy 25, La Crescent; coordinates 43° 48'15.7"/91°22'18"; independent station. Address not available.  
**CA** Vallejo; KPST-TV, ch. 66z; 3470 kw max ERP; 1495' AAT/780' AG/1594' ASL; TL on Sutro Tower, San Francisco; coordinates 37°45'20"/122°27'05"; reported on the air 11/25/86 by John Jefferson; broadcasts Home Shopping Network.  
**NC** Roanoke Rapids; WUNP-TV, ch. 36- reported by Tom Yingling during a DX opening on 11/28/86; actually signed on 10/16/86; sketchy information, but an amended construction permit called for 1340 kw ERP and 1204' AAT; coordinates 36°17'28"/77°50'10"; TL 1.5 mile NE of the intersection of NC-561 and NC-48 in Brinkleyville; address: University of North Carolina, Swain Hill, Chapel Hill NC 27514; educational station, PBS affiliate.  
**MO** St. Joseph; KTAJ, ch. 16-, went on the air 10/7/1986; 5000 kw max ERP; 507' AAT/463' AG/1448' ASL; TL 1.5 miles SW of the intersection of Hwy 31 and Route E near Gower; coordinates 39°39'03"/94°40'11"; address: All American TV, Route 1, Agency MO 64401; independent station.  
**MA** Norwell; WRYT, ch. 46+, scheduled to go on the air 12/6/86, according to Larry Well, who sent in a newspaper clipping; No final word yet on whether or not it succeeded. Supposed to be affiliated with a new multilingual international network, but will also carry home marketing programs (800 club). 5000 kw max ERP; 440' AAT/295' AG/515' ASL; TL on 342 Mount Blue St., Mount Blue; coordinates 42°11.14"/70°49'40"; station will be operating temporarily at reduced power in order to meet a deadline set by the FCC to be on the air by late December.  
**CA** San Jose; KLVX-TV, ch. 65z, went on the air with programming on 11/16/86, but seen as early as 11/11 by John Jefferson; 3090 kw max ERP; 2651' AAT/187' AG/3929' ASL; TL on Loma Prieta antenna farm, 15 miles south of San Jose; coordinates 37°06'41"/121°50'30"; address: Donald B. Thompson, Box 5252, San Jose CA 95150; independent station.  
**CA** Los Angeles; KDDE, ch. 68-, seen testing on late October, 1986 by W.R. McIntosh; 2198 lw ,ax/1870 kw hor ERP; 2884' AAT/160' AG/5850' ASL; TL Audio Road, Mount Wilson, near Los Angeles; coordinates 34°13'36"/118°03'59"; educational station; owned by Black Television Workshop; no address available at this time.  
**VA** Roanoke; WVFT, ch. 27+, signed on 11/11/1986; 1242 kw ERP; 2049' AAT/249' AG/3988' ASL; coordinates 37°11'46"/80°09'16"; independent station; address: Family Froup Ltd., 2618 Colonial Avenue, Roanoke VA 24015.  
**CA** Salinas, KSMS-TV, ch. 67- (reported in 11/86 VUD); address: Schuyler Broadcasting Corporation, 46 Garden Court, Monterey CA 93940. Signed on 9/1/86.

**PA** Pittsburgh; WQEX-TV, ch. 16, back on the air; see notes from Marty Barvinchak; returned to the air 10/13/86.  
**KY** Lexington; WLKT-TV, ch. 62; scheduled to go on the air in the spring, 1987.  
**CALL LETTER APPLICATIONS: NEW STATIONS**  
**CH C.L. STATE/CITY/APPLICANT**  
**62 KSLD CA** Riverside; Sunland Communications Company.  
**40 WBUY MS** Holly Springs; Terry Jan King.  
**67 WRJM-TV AL** Troy; Shelley Broadcasting Co.  
**CALL LATTER APPLICATIONS: STATIONS ON THE AIR**  
**46 KHSC CA** Ontario; KHS-TV (Home Shopping Club; I guess they missed out on the chance to get WBUY.)  
**3 KREA-TV CO** Glenwood Springs; KWWS.  
**25 WFXT MA** Boston; WXNE (Just bought by Fox from GBN).  
**CALL LETTER GRANTS: NEW STATIONS**  
**14 KGBS UT** Salt Lake City; KAHT.  
**11 KUAK MN** International Falls; Marina D. Leathers.  
**32 KPCC CO** Pueblo; tvUSA/Pueblo Ltd.  
**42 KYBJ TX** McAllen; Hispanic Tele-Media Network Inc.  
**56 WYIN IN** Gary; WDAI.  
**14 KHWE HI** Honolulu; KDSC-TV.  
**38 WTTA FL** St. Petersburg; Bay Television.  
**CALL LETTER GRANTS: STATIONS ON THE AIR**  
**6 KWQC-TV IA** Davenport; WOC-TV  
**14 KGWC-TV WY** Casper; KCWY-TV  
**5 KGWN-TV WY** Cheyenne; KVCU-TV  
**5 KGWL-TV WY** Lander; KOWY  
**13 KGWR-TV WY** Rock Springs; KWWY  
**CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS**  
**TX** Mineola: add 63+ (not 64, as reported in 9/86 VUD.)  
**GA** Young Harris: delete \*50+ (to make way for assignment of \*51- reported in 9/86 VUD).  
**GA** Flintstone: delete \*51- (channel being moved to Young Harris).  
**IN** Gary: change \*50z to 50z; change 56+ to \*56+ (Approval given for channel swap between WCAC (ch. 50) and WDAI, now WYIN (ch. 56)  
**AL** Ozark: add 34z  
**FL** Key West: delete 3+ and 16+; add 8z (outstanding construction permit for ch. 16 will need to be modified).  
**FL** Marathon: delete \*9+; add \*16+ (construction permit is being amended to specify ch. 16 instead of 9).  
**FL** Islamorada; delete \*18z; add \*9+ (construction permit is being amended to specify ch. 9 instead of 18.)  
**FL** Panama City: with regard to changes reported in 9/86 VUD: WFSG is supposed to modify its construction permit to change from ch. 22 to ch. 56).  
**NE** Grand Island; change offset from 17- to 17z. (CP for KTVG to change accordingly; change needed to avoid harmful interference between KTVG and KTTW, ch. 17- in Sioux Falls, SD).  
**CHANGES GRANTED IN STATIONS ON THE AIR**  
 Due to problems with disk drive alignment I can't really do justice to this heading. These changes will have to wait until 2/86.

Introducing a spanking new TV network with a 25-year-old history



**UNIVISION**  
 Spanish International Network

Spanish International Network has come of age. After 25 years of pioneering Spanish-language television in the U.S., SIN is reaching towards the future. A new name for an American success story: **UNIVISION**.

When you buy **UNIVISION**, you're buying 24 hours of programming a day to 409 satellite-connected affiliates via the number-one Spanish-language network in the U.S. One vision, one language, one network: **UNIVISION**. The network that Spanish USA calls its own.

**UNIVISION** - 460 West 42nd Street, New York, NY 10036-212.502.1300

**SYNDICATORS UPSET AT HOME SHOPPING NETWORK**

Several syndicators are upset about some of the television stations that have been, or will be, broadcasting Home Shopping Club. These stations already have contracts to air certain syndicated programs. They contend that when Home Shopping Network (actually its subsidiary, Silver King) purchases a station, it is purchasing only the station's assets, and are obligated to adhere to contracts already signed by these stations. By dropping those programs, the stations wouldn't have to pay for syndicated programs that could have been bought by another station. Syndicators stand to lose millions of dollars from the purchase of WKJL-TV in Baltimore and WCLQ-TV in Cleveland.

Embassy Communications petitioned the FCC to deny the sale of WKJL-TV to Home Shopping Network, objecting that use of a broadcast channel is inappropriate use of broadcast resources, and that the public interest is not served by a licensee using the channel solely to sell merchandise.

Let's tell the truth, now. Syndicators are not interested in the public. They're interested in the public's money. And one less station bidding outrageous prices for a program means the syndicators don't rake in as many bucks. Stop pretending to be interested in the public's welfare.

That's about it for this month. A few letters still remaining from Bob Seaman, Dave Sinclair and others. Thanks to Larry Fuss for another updated data base list of television stations. These lists will be helpful for the TV STATION GUIDE to be completed in a few months. Walter Patton also sent me corrections and additions to my Canadian list. I still need a decent list of Latin American and Caribbean stations. Lots of mail and heavy contributions have made this column thick lately, but the club benefits from all this information.