



QSL CORNER

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PHONE # 1-301-282-5649



FN QSL's

LA KRRV 100.3 Alexandria, Box 591, zip 71301. Letter from Hank Lazarone, CE/Stn. Mgr. in 15 days; also received info-sheets on station, & bumper-stickers. (Lavender)

LA KNOE 101.9 Monroe, Box 4067, zip 71201. Letter from Ray Boyd, Dir. of Eng. on KNOE-TV-8 stationary in 8 days. (Lavender)

LA WFNF 102.5 Baton Rouge, Box 496, zip 70821. Letter from Larry L. Wood, CE in 9 days. (Lavender)

LA WKJH 103.3 Baton Rouge, 3029 S. Sherwood Forest Blvd., Suite 200, zip 70816. Letter from George E. Webb, CE in 8 days. (Lavender)

MN WNCB 89.1 Duluth, 2816 Hagberg St., zip 55811. Jeffrey Stromquist sent a long, friendly letter to my 1983 report, after I visited his station. He also send a map showing proposed translator locations & asked me to suggest translator frequencies (ranging in area from St. Cloud, MN to Ironwood, MI) which I did. Station broadcast from Mr. Stromquist's basement, using volunteer announcers. (Elving)

MN KBWV 99.5 International Falls, P. O. Box 433, zip 56649. Letter from John Blandon (not sure, poor writing), manager send handwritten letter mentioning other reports from Anoka, MN & Winnipeg, Man. Letterhead paper shared with KTIG 101.1 in Pequot Lakes, MN. (Elving)

MN KFAI 90.3 Minneapolis, 3104 16th Ave. S., zip 55407. Letter from Mary Morse, Development Director (?) "Congratulations! We have reports from various sites in Wisconsin, but none of them significantly across the border. In fact, our signal seems to be less strong toward the north. I hope that besides being able to pick us up, you are able to tune in & enjoy our programs." not really! (Elving)

MN WCHP 92.1 Pine City, RR 2, zip 55063. Letter from Thomas Albrecht, Gen. Mgr. writes specific veris &

reacts to plans of KDNV 90.5 Duluth to move its Moose Lake translator from 88.5 to 91.9, by saying "we have been looking into the matter through our representative in Washington." (Elving)

MN K244AZ 96.7 Sartell (St. Cloud), (no address given), Letter from Wayne Pederson, Mgr. of KTIS-FM Minneapolis, MN says "The St. Cloud translator does throw out a good signal north. I think you are the most distant person to report reception on 244AZ....." (Elving)

WI WJYF 106.5 Marshfield, 1710 N. Central Ave., zip 54449. Letter from Jack Backman, VP. to my report of hearing their main channel music & sca's, with 67khz being WFMJ-AM Milwaukee satellite relay, & 92khz having ABC News. (Elving)

Reporters this time are Glenn Lavender, Birmingham, AL & Bruce Elving, Esko, MN. A few members wrote in some questions to me about the column. Do I keep all old qsl contributions send in to me. Yes I do. I have them all ever since I took over the column. Since I have done the column on computer, I save the whole page on disk. Another question was about mailing address for stations when your report letter comes back with "Insufficient Address". The best source for stations addresses that I use is the Broadcast Yearbook. Since my copy is a few years old, I use the one at my local library. If it is not in it, I just call long distance information service. Call the area code for city you need & 555-1212. For Maryland call 1-301-555-1212. Get the phone number of the station & give them a call & ask for their mailing address. It may cost you for the call, but you may just get that qsl. Another question is about having a list of stations that just will NOT reply to your verification request. This list will let you know what stations will be hard to get a qsl from. I hope you like the new style of this column, by having it 2 columns. Send in some qsl items real soon, as I am low again. 73's



Check your local listing for time and channel.

EASTERN TV-DX



Nothing else comes close. No smoke, no dust, no noise

CHIEF COOK AND BOTTLE-WASHER!

JOHN F. COMBS, 2968 HERSCHEL #7, JACKSONVILLE FL 32205

(804) 389-2451

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JULY 1986

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The big news in this month's column is E-SKIP (remember that??). It looks like the summer Es season is off to a good early start with several nice May openings. The 25th of May was the BIG day with MUFs over 108 MHz and several double-hops. Dave Nieman and Mike Lapinski both logged KCRA-3 Sacramento CA and Glenn Jacobs is reported to have logged Boise ID!!!

This month's column starts off with a terrific report from Roy Barstow. It arrived before the deadline for the June column but could not be typed up because of work commitments. (Sorry, Roy!) Although 50% of the report covers only a single 48-hour period, it was quite a couple of busy days indeed!

Roy Barstow, P.O. Box 488-T, Teaticket MA 02536

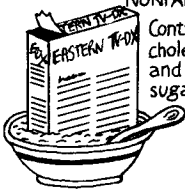
September 1985	September 1985	March 1986	(EST)
2 Tr 2230 WMGC-34 NY 275	27 "Mast bent over--no damage to antennas"	30 Tr 0655 WNCT-9 NC 550	
2230 WERZ-46 NY 275		0700 WUNK-25 NC 550	
4 Tr 2345 W48?? WLNE-6 xltr activated...	November 1985	0700 WUNM-19 NC 575	
5 Es 1900 WISC-3 WI 965	19 "New mast installed w/dowel inside to strengthen--antennas ready!"	0730 WGSB-43 SC 690	
2000 KTVO-3 (MO)1115		0800 WUNJ-39 NC 660	
6 Tr 0030 WJKA-26 NC 660	Nov. '85 to Feb. '86	1330 WTVZ-33 VA 455	
0040 WHMC-23 SC 700	"Not much in--some Eastern PA"	1330 WBOC-16 MD 340	
18 Tr 0000 VT 22/31/33/41	March 1986	1330 WHRO-15 VA 455	
19 Tr 1900 WMDT-47 MD 340	30 Tr 0100 WTVZ-33 VA 455	1430 WJKA-26 NC 660	
2000 WHRO-15 VA 455	0100 WVEC-13 VA 455	1430 Onancock xltrs	
2000 WYAH-27 VA 455	0130 WYAH-27 VA 455	2230 WUNM-19 NC 575	
2000 WTVZ-33 VA 455	0140 WJKA-26 NC 660	2230 WRLH-35 VA 450	
20 Tr 2045 WTKK-66 VA 400	0145 WTAT-24 SC 770	2300 WJKA-26 NC 660	
2045 DC 20/26/32/50	0150 WFDL-15 SC 710	2300 WYAH-27 VA 455	
2100 WVPT-51 VA 515	0230 W25AA VA 380	April 1986	
2200 WUNM-19 NC 575	with WFDL-15	1 Tr 0630 WJKL-24 MD 350	
21 Tr 2100 Eastern PA	0355 WLTX-19 SC 770	0645 WBOC-16 MD 340	
2100 WRLH-35 VA 450	0400 WJCL-22 GA 875	0645 WCFB-28 MD 340	
2300 WTLH-63 VA 450	0405 WCCT-57? SC T	0645 WAPB-22 MD 360	
22 Tr 0100 WUSV-45 NY 190	0550 W41AC VA 380	2230 WTZA-62 NY 170	
0100 WXXA-23 NY 190	with WIS-10	2230 DC 20/26/32/50	
2130 WCKW-52 NH 135	0600 WKFT-40 NC 630	2230 Eastern PA	
"Rare"	0600 WJWJ-16 SC 840	22 Tr "Eastern PA again with Eastern VA in at times..."	
2130 VT 31/33/41	0600 WHMC-23 SC 700		
2130 NH 21/50	0600 WJPM-33 SC 710		
25 Tr P.M. to Virginia	0600 WRLK-35 SC 770		
26 Tr 0000 WVRV-29 VA 485	0615 WCTI-12 NC 575		
0040 WGGT-48? NC T	0630 WTGS-28 SC 850		
0100 WPTF-28 NC 600	0640 WDFB-64 DE 330		
"Cx moving fm coast to inland (hurricane)"			

WOW!

"The Easter bunny delivered an intense opening on 3/30/86. High pressure over North and South Carolina brought in 3 wanted stations. WTAT-24 in like a local w/their distinctive flying ID. WTGS-28 in very good, but nothing south of WJCL-22. WFDL on 25 better than on 15, being W25AA according to Tom Yingling...could anyone clarify this? WIS-10 bulls-eye TP seen on 41. Who is this?? (Apparently the Onancock VA xltrs were picking up the SC signals instead of their normal primaries and relaying the strong DX.--jfc) WJKA-26 in all day. A roll of film was exposed but like a dummy I used old developer, and even with a longer developing time netted very thin negatives. I then tried to intensify the image, but this made the images even fainter. Well, maybe next time..." (I've made the same mistake myself, but fortunately not with critical DX negatives--jfc)

"Addition here around October of CATV. Lead-in from antennas swung around other side of roof to a used B & W Zenith, which does not have the gain and selectivity of the color set upstairs. The wife says, "So, you won't bother us anymore!" So I said, "That's right, I'm going down where people grow worms and mushrooms." (Maybe you can harvest the mushrooms to snack on while DXing!--jfc)

DELICIOUS, NUTRITIOUS, NONFATTENING.



Contains no cholesterol and no sugar

Matt Sittel, 220 Brookfield Dr., Kingsport TN 37663 (615) 239-9186 (EST)

"As you may have seen, my photos have already appeared in the April and May '86 VUDS. I thought that I should start sending out reports. Well, here it is--MY LONG-AWAITED DEBUT DX REPORT!!!! As my photos show, my specialty is E-skip. As a matter of fact, that's all I can get (will explain later). I logged 166 stations via E-skip in 1985, my best year so far. I have been DXing since 1976, when one day I flipped by channel 2 and saw "Big 2--KMID Midland/Odessa." It's my most popular catch--15 times in the past 2 years. Well, after seeing that, I was hooked. I await May every year for the official Es season to begin. But as Gary Walczak said in the May VUD, we Southern DX hounds catch it early."

"Now for my explanation of my earlier statement. I have never seen a tropo as of yet, and I have no idea why. I am very unhappy that I cannot enjoy tropo. My antennas are a CM 1160 Quantum with an amp of unknown origin, and an Archer U-120 placed below it on the mast on top of the roof. The house sits on the side of a hill. The CM stands at 34' AGL and the U-120 at 30' AGL. The house sits at 1419' (ASL) which is fairly high for the Tri-Cities area. The TV is a Zenith 19" K1960W from about 1978. I also use a tiny Panasonic B & W and a 13" Zenith S2905W11 from about 1974."

"My questions are: (1)What is the problem? Is it having the UHF only 30' AG? I figure my overall elevation is OK since I have an excellent view in all directions. (Ah, but a glance at a map shows many mountains in the 2000-6000' range lie in almost every direction from Kingsport--jfc). (2)Is it the antenna? This was the most expensive UHF model and it does claim reception of 120 miles. (Those figures the antenna manufacturers quote are for ideal conditions with flat terrain. Like automobile gas mileage figures, they should be used for comparison only--jfc). Should the U-120 be above the CM and stand at 34'? Or did I buy the wrong antenna? (Although most DXers tend to mount a UHF antenna above a VHF, I'm not sure it'll make a lot of difference in your case--jfc). (3)Can a B & W TV pick up any tropo at all by itself? I know it can for Es. (I think you mean on indoor antennas, right? Tropo possibilities are very limited without outdoor antennas--jfc). The only things I can call tropo are WOAY-4 and WUNC-4, but that is VHF. I have never seen a real UHF tropo. The UHFs I get are: WUNB-17, WKPT-19, WHNS-21, xltr of WETO on 24 (not listed--probably an image--jfc), WNSG-30, WUNF-33, WPCQ-36, WFTO-39, WTVI-42, WBSN-47, and WMSY-52. Occasionally I receive WCCB-18, WTVK-26 and WKCH-43, but not often."

(I think you're just not in a very good tropo location, Matt. However, you certainly seem to clean up on E-skip! E-skip comes in at higher angles than tropo, and can get into those valleys. Maybe you could try watching for a little MS in the off-months for something different.--jfc)

Table with columns for months (January, February, April) and station call signs (Es, Tr, unID, NC, TX, WV, NC) with their respective frequencies and locations.

"It looks as if the Es season is already beginning in great ways. KIII-3 was in color with no fading for an hour. An exciting Mexican Es was seen on 1-14, when XHY-3 appeared. It's a fairly long Es, but my personal best is 1600 miles with ColorVision-2 from the Dominican Republic in 1982. I do get a lot of Mexican Es, but rarely ID any. (Join the club, hi--jfc). I did get XHY-3 and XHRI0-2 a few years ago, but never IDed XEFB-3 and XEZ-3. I never found out where they originated, but I thought XEFB-3 might be Monterrey. (Yes, and it has since moved to Ch. 2. XEZ-3 is a XEW-2 relay located on Cerro El Zamorano.--jfc). I could use a list of Mexican stations. (So could we all. How about it? Jim? Pat? Someone want to undertake such a project?--jfc). I also wish I had a list of the different TV Guides across America. (Write their HQ in Radnor PA and they'll probably send you a list--jfc). Also, I'm interested in trading my local TVG for other DXers' local editions. I hope to be writing in real soon, since this looks to be a good season coming up." (Hope so--jfc).

GENERIC "STAR TREK" LISTING

60 STAR TREK--Science Fiction, 60 min. Kirk's investigation of an energy force takes him to an uncharted planet, where he encounters a weird creature. William Shatner.

One size fits most episodes

(Batteries not included)



READ IT IN THE VUD, SWEETHEART!

memo

- (1)Feed cat
(2)Do laundry
(3)Mail in DX report!

NOTE TO READERS: The next 5 pages are experimental. I've been wanting to use my computer and printer to produce this column, but there are some bugs to be worked out and some insurmountable problems. Since I only have 80 columns to work with, 3 columns of DX is a tight fit, and the larger type severely compromises the margins. In order to fit, the Propagation abbreviations have been reduced to one letter; hence E=E-skip, T=Tropo and M=Meteor Scatter. A major annoyance is the fact that my printer doesn't support an underline character, so any new stations will have to be underlined by hand.

But enough of my problems. The advantages, I hope, would be easier editing capabilities, and a better tool for planning the column to make everything come out "even" and, hopefully, readable and attractive. I will wait and see how these pages come out in print before deciding whether to computerize 100%!--jfc

***** That Little Old Editor, 2969 Herschel #7, Jacksonville FL 32205 (EDT) *****

Table with columns for months (APRIL, MAY) and station call signs (FL, NC, TX, WV, NY, NJ, OR, KY, MA, IN) with their respective frequencies and locations.

I'm amazed at the amount of DX that is making it to my TV, in spite of all the trees, buildings, walls, etc. that the signals must pass through in order to reach my meager indoor antennas! The May 25th opening was nice; I first noticed it on my way home from church when, attempting to listen to WUFT-FM from Gainesville, found it buried under Es! Totals now 176 stations.

TIME ONCE AGAIN TO PLAY "FIND THAT TRANSMITTER!" Here is the balance of the list started last month of U.S. TV stations which have their city of license in one state and their transmitter in another. Additions/corrections welcome!

- KLJB-18 IA (IL) WHBR-33 FL (AL) WJTC-44 FL (AL) WTSF-61 KY (WV)
WXY-19 KY (OH) KDUB-40 IA (WI) WVVV-44 IN (KY) WSTG-64 RI (MA)
WEHT-25 IN (KY) WDRB-41 KY (IN) WJLU-47 NJ (NY) WKMJ-68 KY (IN)
WAGT-26 GA (SC) WXTV-41 NJ (NY) KPDX-49 WA (OR) WWHT-68 NJ (NY)
WLKY-32 KY (IN)

Frank Wheeler, 6589 Wattsburg Rd., Erie PA

(EDT)

MAY 1986	MAY 1986	MAY 1986	MAY 1986
10 E 1800 WEAR-3 (AL) 912	10 E 1430 KDUH-4	NE 1138	18 E 1228 KNOP-2
1001 WESH-2 FL 982	16 E 1903 WBRZ-2	LA 1159	1259 KDLO-3
1200 KJAC-4 TX 1124	1923 KPRC-2	TX 1210	1658 CBHT-3
1258 KETS-2 * AR 929	2300 KSNC-2	KS 1015	19 E 1158 KSNC-2
1359 KLNE-3 NE 1016		1230 KMTV-3	NE 815

(* NOTE: Frank listed calls KARK and channel 2 on this one, so I guessed he meant KETS. If I guessed wrong...sorry, Frank!--jfc)
 Also on May 18: KYKZ-FM 96.1 LA (1077 mi.) "I entered this FM station here as it was the only one I received and I didn't want to enter just 1 in the FM column." (Not really worth another 22 centavos, huh?--jfc)

EQUIPMENT: Sylvania 19" TV (1985) PRESENT LOG TOTALS: 290 Received
 Archer VU-160 antenna 216 Verified
 Servo-Rotor

"This is as much fun as you can have with your pants on" - Chicago Sun Times

Bill Nollman, Box 184, RFD #1, Bozrah CT 06334

(EDT assumed)

MAY 1986	MAY 1986	MAY 1986	MAY 1986
10 E 1245 WMAB-2 MS 1055	17 E 2057 KETS-2 AR 1180	21 E 1115 WSJK-2 TN 680	
1317 WSMV-4 TN 875	18 E 1030 WESH-2 FL 975	1130 WSMV-4 TN 875	
1348 WCIA-3 IL 845	1114 WCBD-2 SC 975	1200 WRCB-3 TN 845	
1351 KTVO-3 (MO) 1070	1130 WTMJ-4 WI 815	1200 WPTV-3 NC 650	
1355 WMBF-4 IL 960	1207 KSDK-5 MO 975	25 E 1100 WPBT-2 FL 1200	
1500 unID-2 CBC	1214 KMOX-4 MO 975	1100 WESH-2 FL 975	
1729 WPBT-2 FL 1200	1218 WTWO-2 IN 825	1200 WJXT-4 FL 960	
17 E 1708 KGAN-2 IA 990	1228 WCIA-3 IL 845	1200 WEDU-3 FL 1135	
1732 WBYA-2 WI 830	1230 WDAF-4 MO 1170	1200 WFTS-3 FL 1010	
1803 WCIA-3 IL 845	1300 unID-2 "Home shopping auction (the nut)"	1242 WKRG-5 AL 1160	
1807 WDAF-4 MO 1170		1255 WMAB-2 MS 1055	
1927 WTVY-4 (AL) 1040		1351 WSMV-4 TN 875	
1930 WESH-2 FL 975	19 E 1058 KTVI-2 MO 975	1356 WTVF-5 TN 875	
2000 WJXT-4 FL 960	1359 KQTV-2 MO 1200	1441 KTVI-2 MO 1200	

NOTE on 5/25: "WESH-2 with 'ATMOSPHERIC INTERFERENCE' written across screen--ha!!!" (Yeah, they've been doing that for years...too bad more lo-banders don't follow suit. This way, as soon as the local viewers see that message, they know that there's nothing they or the station can do about it. They even used to run a 30-second PSA in the summertime giving a brief layman's explanation of E-skip!!!--jfc)

"This is my first report since last summer, and the way it's been going it won't be my last (I hope). Same equipment as last year, except different antenna (CM 1110--the hurricane in October claimed the model up from the 1110) but with Es it doesn't make much difference. Actually the poorer beamwidth may be helpful as Ch. 3 is the only semi-local and is usually buried when the Es gets going. I've been quite surprised the way the direction of the Es changes so rapidly; i.e., May 18 when one minute FL/SC in and 15 minutes later I'm seeing WI--must have been 2 different clouds! I love it! (Oh, don't we all!! E-skip--jfc) Sunday May 25 was the best day I've ever seen for Es!!! It was sooo good that I almost didn't bother with the TV as I was so into the FM!!! The TV did yield some good Ch. 5's and a new Ch. 3--the FM, however, was incredible...FL was wide-open!!! AL/MS/TN good, too... Hope to have two or three pages to send next month!"

(If the summer Es gets THAT good, and everyone has 2 or 3 pages, the club'll go broke mailing out those 150-page VUDs, hi!--jfc)



WTFDA BBS DIES QUICK DEATH: I wasn't exactly snowed under by the replies to my computer BBS idea. I received exactly one (uno) (1) formal reply. Even if I add in the 4 or 5 other members that I know own computers, it falls far short of the 12-15 I had envisioned as a minimum to make the effort worthwhile. I guess we're just not a very "high-tech" club or something. Maybe in a year or so I'll try again. Or maybe not--jfc.

Dave Nieman, Akron NY 14001-9529

(EST/EDT)

MARCH 1986	MAY 1986	MAY 1986
30 M 0652 KSDK-5 MO 687	6 M 0603 KSDK-5 MO 687	11 E 0928 KBTX-3 TX 1302
APRIL 1986	0626 WOI-5 IA 777	14 E 1900-2100 UnIDs-2,4
6 T 0838 CICI-5 ON 273	7 E 1810-2000 up to Ch 4	from Northeast
28 T 0129 WRMI-17 MI 346	9 E 1800-2115 up to Ch 6	16 E 1730 KATC-3 LA 1160
30 E 1419 KLNE-3 NE 1102	10 E 1101 WKRG-5 AL 1002	17 E 2100 KGEF-2 ND 971
1430 unID-4	1500 KOTA-3 SD 1249	18 E 1800 KFDX-3 TX 1249
1434 KMTV-3 NE 903	(Hard to ID anything; too many stations on 25 E 1600	1900 WEAR-3 (AL) 992
MAY 1986	2 E 2351 CBWT-3 MB 1023	KCRA-3 CA 2257
3 A 0030 Es now Au.no IDs		one channel!!)

EQUIPMENT: 1982 Zenith 12" B&W w/Teknika 6510 tuner, Lucky Man
 CM 1113 Quantum w/0096C Pre-amp @ 12' AG (802' ASL)
 CM 4251 7' dish w/B-T CMA-Ub Pre-amp on crank-up tower @ 41' AG (831' ASL), using RG-11 cable

"A few firsts for me in this report: my first meteor scatter log99ins, and the first time an ID slide has left me dumbfounded. I saw an NBC network station coming in via E-skip on Channel 3. As it got closer to the hour, I guessed I would see KSNW Wichita's ID. But when I saw 'KCRA 3 Sacramento' in big letters on the screen, I was speechless! So that was my first double-hop E-skip and my first California log99in. Not bad!!! And it's only May!!!"

Robert Grant (KDBEN), POB 249043, Detroit MI 48224 (EDT/EST/EDT assumed)
 (313) 884-3025 before 2200

JULY 1985	DECEMBER 1985	MAY 1986
2 E 1500 KTXT-5 TX 1185	18 E 1713 CKLT-1-3 NB 815	10 E 1530 KBME-3 ND 920
15 E 1100 KBME-3 ND 920	1715 unID-3 FF	16 E 2327 KQTV-2 ? MO T
1130 KDLO-3 SD 750	21 E 2030 KBTX-3 TX 1085	17 E 1700 CBHT-3 ? NS T
18 T 0335 WMAQ-5 IL 235	JANUARY 1986	1700 CBIT-5 ? NS T
0425 WQAD-8 IL 385	3 G 0610 WJBK-3 MI	1700 CBFT1-5 ? NB T
0430 WLS-7 IL 235	(See comments)	1700 CJOH-6 ? NF T
SEPTEMBER 1985	MARCH 1986	1706 WFSB-3 CT 525
1 T 0720 WCIA-3 IL 320	31 T 2230 WBNX-55 OH 105	(State #35)
NOVEMBER 1985	APRIL 1986	2000 KOET-3 OK 825
6 E ?? Cuba-3 ? T 28 T 0300 CICO12-12 ON	0300 CKOD4-11 ON	2000 KFDX-3 TX 1025
WEDU-3 ? FL T	0315 WADP-49 MI 80	2000 KCEN-6 ? TX T
WEAR-3 ? (AL) T	0330 All Toronto	2030 KXAS-5 ? TX T
7 G 1600 WUPH-36 OH 60	0330 unID-16 TP	
29 A 1900 Intense hash		Log now totals 311 stations
DECEMBER 1985	MAY 1986	
18 E 1658 CBHT-3 NS 985	10 E 1515 CFSS-3 ? SK T	

(ED. NOTE: A typo in Robert's report rendered the time of his 11/6/85 log99ins indeterminate--jfc)

EQUIPMENT: VHF--1981 RCA 25" w/Radio Shack V-90 @ 12' in backyard
 UHF--KTV 12" B/W (1984) with loop (see comments)

"About my log99in of WJBK on channel 3: I noticed the station sending out a strong video signal on 3 while still transmitting a normal signal on 2. This was obviously not intentional and was probably caused by a transmitter defect or maladjustment. I know that it is not a receiver problem because the signal was the same on all receivers and was intermittent. The WTFDA rules explicitly allow log99in of unintentional multi-frequency transmissions (this was not VCR leakage nor cable either). I have not seen this phenomenon since January and let there be no confusion--WJBK is still channel two!"
 (A strange situation, indeed, Robert! Did you try calling the c.e. at WJBK to see if he was aware of it and to find out what was going on? Since you haven't observed this before or after, I'd say you have the best case I've ever seen for using that obscure section of the WTFDA log99in guidelines--jfc)

ROBERT'S COMMENTS CONTINUE ON THE NEXT PAGE----->

---Robert Grant (continued)---

"The equipment here includes an RCA 12" B/W, particularly useful when DX is in and the rest of the family is watching the 25" color set. The 12" RCA lacks the great selectivity of the 25", which is only made for cable, where every VHF channel has a signal and there is no UHF. (The UHF tuner in the 25" is only to comply with the all-channel act; it is very weak and has a horrible noise figure, not to mention that there is no way to connect an antenna to it.) The KTV 12" is very hot on UHF. Amazingly, I bought it as a birthday present for my sister because it was only \$47. With its loop in her upstairs room it can pull an acceptable picture on any of Toledo's UHFs I also use a 24" Emerson B/W (1958) and Sears Betavision VCR, but attempts at DXing with these are dismal."

"Must say I was quite surprised with the comments about the Radio Shack 15-1627 UHF antenna (The so-called "4-bay"---jfc) in the March ETVDX. I had one of these and found it to be slightly LESS sensitive than the old loop. Figuring that a little more height might help me I tried to put the 4-bay on the garage but the antenna was destroyed in a mast collapse during the project. At least I got my VHF antenna up out of the backyard for the first time in 4 years (at about 25'). I now have 120' RG-6 instead of twin-lead running along the ground. This was all put up after the DX above, by the way. And I hope this June and July are better than the dismal Es fizzle of the past 2 years!"

(Don't we all! I, too, have found that the 4-bay is sometimes outgunned by a simple loop or bow-tie in low-height indoor situations. Maybe even the short bit of lead-in needed to connect it loses enough signal that the loop with its direct connection does better. I have also noted that the 4-bay I now own seems to do a bit more poorly than the one I owned 7 or 8 years ago. Maybe RS screwed up the design like they did a lot of their antennas---who ACTUALLY makes the antennas sold by them, anyway? Anyone know?---jfc)

Scott Hood, 7 Auburn Rd., Beverly MA 01915-2501 (EST/EDT assumed)

DX from Franklin MA:

FEBRUARY 1986	APRIL 1986	MAY 1986
9 A 1825 Hash 2-6	1 T 2105 WCPB-28 MD 345	10 E 1035 MUF Ch 6+
9 E 1820-1855 MUF Ch 4	2150 WBAL-TV MD 340	1135 WEDU-3 FL 1225
MARCH 1986	2150 WDAU-227 PA T	1205 "Have to leave!"
9 E 1140 MUF Ch 3	2220 WNCV-367 VA T	1410 Back---MUF Ch 4
APRIL 1986	2230 WDCR-207 DC T	2210 MUF Ch 4
1 T 1845 KYW-3 PA 250	2230 WPHL-17 PA 250	11 E 1840 MUF Ch 2
(=in9 WFSB's strength)	2230 WJML-247 MD T	12 E 1155 MUF Ch 2
1845 WTKR-3 VA 480	2340 WJZ-13 MD 340	1905 MUF Ch 3
1845 WPTI-6 PA 250	2 T 0020 WJLV-54 MD 340	16 E 1225 MUF Ch 4
1845 WCAU-10 PA 250	0030 WRLH-33 VA 480	1705 MUF Ch 3
1845 WVAJ-10 VA 480	0030 WBRB-28 PA 240	17 E 1005 WEDU-3 FL 1225
1845 NYC in strong9	0300 unID-4 20 to WBZ	1850 MUF Ch 6+
2100 WDPB-64 DE 330	Also: "Late at night"	1900 WCBQ-2 SC 840
2100 WJOT-32 NJ 220	WCBQ-2 (840 mi) seen	19 E 1035 MUF Ch 5
2100 WJMJ-30 NJ 175	by Steve Gold...	1300 KTVO-3 (MO) 1125
2100 WMDT-47 MD 345	E? 1315 unID-2	1850 MUF Ch 2
2105 WXTV-41 (NY) 165	20 T 1905 WCBQ-10 ME	T 2320 KYW-3 PA 250
2105 WVEC-137 VA T	1905 WOSH-6 ME	19 E 1130 MUF Ch 2
2105 WYIA-447 PA T	(unusually strong...)	T 2310 NYC strong9
2105 WJMG-407 NJ T	30 E 1230 KDLH-3 MN 1075	20 - "Bye, Franklin!"
2105 WLVY-39 PA 235	MAY 1986	
2105 WJNS-23 NJ 245	5 E 1115 unID-3	Log at I23 + 8 tentatives

"HalleluJah! Things have really begun to cook around here! As you can see, I have found someone else who is at least somewhat interested in DXing. I have been preaching the joys of TV-FMDX, and hope to fully hook him! Unfortunately, I wasn't able to log WCBQ-2 via tropo that night or...WCBQ [would be] my 1st multiple-mode log991n9. I am packing up to head home. I am certainly going to miss the super DXing here in Franklin (Back to the "DXing sewer," eh?---jfc) ---maybe some day I will return! A part-time student from Danbury CT says that 'on a clear night' he regularly gets WIFR-23 Freeport IL (900+ miles!)." (Sure...and I'm the Duke of Windsor. Does he smoke funny c19arettes?---jfc)

Kenneth R. Simon, 513 6th Avenue S., Lake Worth FL 33460 (EDT)

MAY 1986	MAY 1986	MAY 1986
4 E 1800 WKAD-2 ? PR	T 19 E 1900 unIDs-2,3,4	21 E 1845 WIPM-3 PR
1800 unID-4		1900 MUF 89.7 mHz

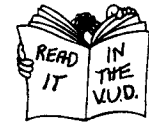
Larry Van Horn, 160 Lester Drive, Orange Park FL 32073 (EST/EDT)

APRIL 1986	MAY 1986	MAY 1986
26 T 2250 WTMV-32 FL 162	4 E 2030 XHY-3 ? YU	T 9 T 0552 WEVU-26 FL 269
27 T 0040 WEDU-3 FL 185	2040 XHCH-2 CH 1466	10-24 "I was in beautiful downtown Fallon NV dropping bombs in the desert w/VA203 --My annual Pilgrimage!"
0045 WFTX-36 FL 234	2045 "XHOF"-2 ??	
0057 WJHG-7 FL 219	"ID w/7 on slide"	
0719 W57AN FL 67	8 E 0945 unID-2 NBC	
(Ocala WCJB-20)	1043 KTBS-3 LA 739	
28 T 0557 WFTX-36 FL 234	1730 unID-2 SS	
29 T 0535 W29AB FL 71	1817 H----2 DR 1100	25 E 1004 WLNE-6 (RI) 984
(Ocala WTOG-44)	Tele-Antillas ID	T 2300 W6TAK FL 106
MAY 1986	1830 H----2 DR 1000	(Inverness WTOG-44)
1 T 0542 WXEL-42 FL 265	Colorvision ID	2330 WBYK-56 FL 175
4 M 0504+ unIDs-2	1930 CM----2 CUBA ???	28 T 1953 WVAN-9 GA 136
E 1735-1920 unIDs-2 Mex	TV Cubana Net 6	

TOTALS: 86 stations, 46 UHF, 3 xltr, 16 Es, 11 US, 1 Can, 1 Mex, 2 For, 17 TPU

NOTE on 5/25: "Channels 2,3,5 a real mess till about 1200. Didn't ID anything else. FM alive with E-skip at one time thru the whole band (very short period)."

EQUIPMENT: Magnavox AV7300 component TV tuner
 Magnavox CM8562 13" color monitor
 11-element VHF/UHF log periodic @ 30'
 Radio Shack U-75 corner reflector @ 25'



"DX has really been very good so far this season. Almost on cue the E-skip has arrived and I've seen some very nice DX, especially on 5/8 with an opening to the Caribbean." (I'll say that was nice! Not often one gets to log 2 Dominicans and a Cuban on one channel within less than 1 1/2 hours. But that's the thrill of TV-DX---jfc)

 ---LET'S TALK CUBA---

With the E-skip season upon us, let's look at Cuba. Cuban TV is a single-hop possibility for most of the Eastern U.S. and extreme southern Ontario, and as far west as TX and OK. There's a lot we don't know about Cuban TV, such as its schedule. There is, however, what appears to be a decent Cuban list in the 1986 TV FACTBOOK, complete with ERPs. Here is a list of all Ch. 2-6 stns with more than 2.5-kw ERP. Many of the locations may be names of regions or geographical points and are not all locatable on a map. There are two programs or networks in Cuba: ICR (Instituto Cubano de Radiodifusion) originating from Havana Ch. 6, and Tele-Rebelde (TR) originating from Havana Ch. 2. There may be regional hook-ups between stations as I have seen a TR test pattern with a "5" in the center (Santa Clara?) on Ch. 3.

2 Babiney TR 7.9 kw	5 Cajalbana TR 7.9 kw
2 Havana TR 132.9 kw	5 Puerto Boniato ICR 77.5 kw
2 Puerto Boniato ICR 32.3 kw	5 Santa Clara TR 60.3 kw
3 Cajalbana ICR 7.9 kw	6 Babiney ICR 6.0 kw
3 Holguin ICR 27.5 kw	6 Camaguey ICR 56.0 kw
3 Santa Clara ICR 60.3 kw	6 Havana ICR 129.0 kw
4 Camaguey TR 52.8 kw	

Both nets have been seen using the same TP and "TV CUBANA" slide, though I have noted the unique Tele-Rebelde TP (mentioned above). The only reliable way to determine the net is to see/hear Channel 2 or 6 mentioned. Offsets are unknown. Cuba is reported to be using NTSC color. Cuban stations are also about the only place in North America where you might see movies in Bulgarian or Polish...with SS subtitles!! See next month's PHOTO NEWS for some Cuban DX photos. Bye now...



QSL CORNER



THOMAS J. YINGLING, JR.
221 PINWOOD ROAD, BALTIMORE, MD 21222-2345
PHONE # 1-301-282-5649

TV QSL's

NY W59AT 59 Plainview & W63AS 63
Westbury X 202 Terminal Drive,
Plainview, NY 11803. Letter from
Michael Bogner, Dir. of
Broadcasting. Send back my prepared
card, in 3 months. (Holbrook)

CT W1XX 20 Waterbury. 414 Meadow
St., zip 06702. Letter from Carol
Bequary, Office Manager in 2
months. (Holbrook)

PA WOLF 38 Scranton. 916 Oak St.,
zip 18508. Send back my prepared
card, with note from David Swartz,
CE who says "Sorry time is tough to
some. by" back in 4 months.
(Holbrook)

OH WRNX 55 Akron. Box 2091, zip
44309. Send letter & prepared card
from Steve Nelson, CE in 3 weeks.
(Ross) ~~NOTE~~ see April VUD for other
address in Richfield, Ohio.

FL WESH 2 Daytona Beach, no
address given, QSL Card send in 16
days, signed by Neil Hunt, CE. (Van
Horn)

FL WESH 3 Tampa. P. O. Box 4033,
zip 33677-4033. Letter from Dennis
Doyle, Dir. of Eng., also send
bumber-sticker. (Van Horn)

FL WUFT 5 Gainesville. Weimer
Hall, University of Florida, zip
32611. Letter plus sticker/logo
from Brian Lietz, Dir. of Eng. in 8
days. (Van Horn)

FL WCPX 6 Orlando. Box 66000, zip
32853. Letter plus license plate
from Robert Diehl, CE. (Van Horn)

FL WJMG 7 Panama City. P. O. Box
2349, zip 32402. Letter, coverage-
man, & xeroxed info sheet on
station from TV Factbook from Ray
Holloway, VP & GM in 4 days. (Van
Horn)

FL WTVX 34 Fort Pierce. P. O. Box
3434, zip 33454. Prepared card &
business card signed by chief
engineer, but unreadable, reply in
80 days. (Van Horn)

FL WFTX 36 Cape Coral. 428 Pine
Island Rd. S.W., zip 33904. Letter

signed by Jerry Blevins, CE in 14
days. (Van Horn)

FL WJTC 44 Pensacola. 700 S.
Palafox, zip 32501. Letter, coverage
map, & program schedule by Tom
Eaton, Pres. & GM in 14 days. (Van
Horn)

FL WIOG 44 St. Petersburg. 365
105th Terrace N.W., zip 33702.
Letter, coverage map, translator
info, & program schdule from Rick
Anderson, Asst. C.E. in 26 days.
(Van Horn)

FL WBSP 51 Ocala. 1551 S.W. 37th
Ave., zip 32674. Letter from Gordon
Shockney, Dir. of Eng. in 10 days.
(Van Horn)

FL WTGL 52 Cocoa. P. O. Box 1852,
zip 32923-1852. Letter from William
Brian, Dir. of Eng. in 26 days. (Van
Horn)

FL WPAN 53 Fort Walton Beach. 11
Tupelo Ave. S.E., zip 32548. Letter
from D. Richard Gilbert, CE in 7
days. Per letter CE noted
following: "We were experiencing
severe ducting from Clearwater to
Tampa Bay on 450Mhz. May 1 thru May
3 as most of our two-way
communications were totally
unusable. Also our telemetry control
link WHY-455 which operates on 455.
99Mhz. was receiving meter reading
from another station operating in
this service. Power of TRL Units is
prescribed as no more than one watt.
" (CE's now can DX TRL's wonder if
they QSL, hi hi). (Van Horn)

Reporters this time are: Hank
Holbrook; Robert Ross, VE3JFC & just
came in the mail in time today was
Larry Van Horn, NSFPW/4, editor of
Signals from Space in MT. Remember
to send your list of stations that
you had trouble to qsl or will not
qsl. Also send what person at the
station is the verie signer. Larry
Van Horn noted that last year 57X
qsl'ed when reported to the CE, &
this year 62X qsl when reported to
the station manager. It seems like
SM's are more impressed with reports
& the CE's are for follow-ups. Hank
Holbrook sends a prepared card for
the follow up reports. 73's.



VHF UTILITY DX



DONALD L. BLEVINS
3615 EAST LOMBARD STREET, BALTIMORE, MD 21224-2408
PHONE # 301-522-2089

VHF Utility DX will feature loggings, the eventual goal of this
feature...Bill Hollman from Connecticut, Tom Yingling of QSL
Corner fame and myself. I have finally purchased a new scanner
and the investment has paid off. I have outside antennas now
which is another worthy investment..

Please note that I have more time available now due to the
conclusion of the school year so I would appreciate more data
from all of you!!!

Bill Hollman Bozrah, CT reports:

05-10-1222	KAB-302	042.12	Jefferson City, MO	Missouri Highway Patrol
05-10-1225	KVA-486	037.26	Jonestown, MD	Howard County Parks #111
05-10-1232	KIA-377	042.62	Asheville, NC	NC State Patrol
05-10-1239	KQL-720	042.62	Clyde, NC	NC State Patrol
05-10-1406	KQH-276	033.78	Cortland, OH	E. Bazetta Cortland PD
05-10-1409	KXM-868	033.74	Bedford, PA	Bedford County Control
05-10-1410	KJU-244	033.00	Swissvale, PA	Borough of Swissvale PD
05-10-1424	KBB-321	030.00	unknown	
05-10-1441	KQA-272	042.50	Bad Ave, MI	Michigan State Police
05-10-1447		042.06	Mount Forest, ON	Ontario Prov Police
05-17-1132	KIH-701	037.26	Fayetteville, TN	Fayetteville Police
05-17-1236	KAA-203	042.38	Kirkwood, MO	Missouri Highway Patrol
05-17-1236	KAA-270	042.38	Poplar Bluff, MO	Missouri Highway Patrol
05-17-1252	KAN-754	044.34	unknown loc	Kansas Highway Patrol &
05-17-1312	KSB-231	042.34	Crestwood, IL	Illinois State Police
05-17-1601	KAB-675	042.12	Sikeston, MO	Missouri Highway Patrol
05-17-1606	KSA-213	042.50	Springfield, IL	Illinois State Police
05-17-1624	KSD-393	039.46	Litchfield, IL	Litchfield Police
05-17-1715		042.22	Kirkland, ON	Ontario Prov Police
05-17-1735	KA2181	042.26	Freeman, IN	Indiana State Police
05-17-1735	KA2181	042.26	Indianapolis, IN	Indiana State Police
05-17-1740	KSA-774	042.60	Sterling, IL	Illinois State Police
05-17-1743	KSA-213	042.66	Springfield, IL	Illinois State Police
05-17-1749	KOB-429	042.02	Detroit, MI	Michigan State Police
05-17-2037	KBJ-973	045.42	New Augusta, MS	Perry County Sheriff
05-17-2040	KSM-840	045.22	New Albany, MS	Union County Sheriff
05-17-2041	KXG-874	045.22	Monroe, MS	Monroe Police
05-17-2101	KFA-791	037.26	Somerville, TN	Somerville Police
05-17-2126	KAA-202	042.06	Lees Summit, MO	Missouri Highway Patrol
05-18-1058	KYB-731	045.16	Daytona Beach, FL	State of Florida
05-18-1109	KID-654	046.02	Inverness, FL	Citrus County Sheriff
05-08-1116	KOI-316	033.90	Cincinnati, OH	Hamilton County Communi

Tom Yingling, Jr. Baltimore, MD reports:

05-10-1202	KBI-221	046.38	Elkhorn, HI	Hallworth County Fire
05-10-1805	KRB-111	029.60	Ohio	Amateur Repeater
05-10-1805	KRE-887	029.66	Laundale, CO	Amateur Repeater
05-10-1805	KR-FPI	029.66	Fremont, OH	Amateur Repeater
05-10-1805	KR-HOO	029.66	California	Amateur Repeater
05-10-1805	KCS-EI	029.66	El Paso, TX	Amateur Repeater
05-10-2109	KYM-779	046.06	Bend Brook, TX	Bend Brook Fire
05-10-2115	KYM-788	046.06	Kelleer, TX	Kelleer Fire

Paul Mitschler (continued)				17 Es 1715	WLBt 3 MS	18 Es 1200	KSBY 6 CA
				1822	WREG 3 TN	950	KCRA 3 CA
17 Es 0930	KDLH 3 MN			1830	KIMT 3 IA		KVBC 3 NV 485
1025	CBWFT 3 MB 1150			2000	KDLH 3 MN		KTUV 2 CA
	KBME 3 ND	18 Es 0900	KIII 3 TX		24 Es 1600	KACB 3 TX	
	CKSO 3 ON	1200	KEYT 3 CA 725		1730	KDLO 3 SD 850	
1620	KATC 3 LA 850		KNXT 2 CA		25 Es 0955	WWTM 3 MI	

It has been quite a while since I had a chance to report any TV. I have moved from Topeka, Kansas to Albuquerque, New Mexico; and it has taken a long time to get settled and have had an even more miserable time finding any TV signal outside of the locals.

For a while, I have been wondering if any of my equipment was working as I have lived in Albuquerque since October and had seen nothing of distant television. I am currently using a channel 3 (four element) yagi and a channel 6 (five element) yagi that I put together for home-made antennas.

The drought was finally broken with a short period of E skip during April 27th. I could identify nothing, but by May 10th things were definitely improving.

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

CST/CDT

Equipment: 7' Finco dish, B-T CMA-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-4026 (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.

DX is starting to pick up so here is a report:

<u>February 1986</u>				10 Es 0900	WEDU 3 FL 1192	25 Es 1030	unids 2, 4, 5 sw
4 tr 2040	KDNL 30 MO 432		1250	KOTV 6 OK 725	1130	KCWC 4 WY	
5-7 Rotors	froze up (sleet)			KJRHt 2 OK		KTWot 2 WY	
17 tr	St Louis U's 432			KAMR 4 TX 991	1245	KIDK 3 ID 1214	
			1303	WESH 2 FL 1130	1330	KTVX 4 UT 1264	
				unid channel 4		KUTVt 2 UT	
<u>March 1986</u>		13 Es 1805		unid channel 2+	1506	KSL t 5 UT	
8 ms 0537	CBFT 2 PQ 690	14 Es 1746		unid channel 2+		KRTV 3 MT 1157	
11 tr 1800	Ohio U's, Dayton	16 Es 1745		unid channel 2+		KXLF 4 MT 1219	
	Lima	17 Es 0824		unids chs 2, 3		KFBBt 5 MT	
	WEOA 49 OH	1730		CFACT 2 AB	1557	KOUS 4 MT	
	(Snow free)			KRTV 3 MT 1157	1559	KTYM 6 MT 1219	
	WXIX 19 OH	1745		KXLF 4 MT 1219		(Wrestling @1600)	
	WCET 48 OH			KTVQt 2 MT	26 Es 1215	unid ch 2+ south	
	WTVQ 36 KY 473	1800		KNMZ 2 NM 1200	1228	unids chs 2-4 s	
12 tr 0510	Columbus, Akron,			KOB t 4 NM	28 tr 0600	WUTV 29 NY 445	
	Cleveland, San-	1815		KNMZt 2 NM	1822	WSEE 35 PA 405	
	dusky, Newark Us	1818		KWSE 4 ND	1830	Dayton, Lima U's	
28 tr 0615	OH, IN U's	1900		KFDX 3 TX 945	2134	WCET 48 OH 400	
0618	WAFFt 48 AL			unid ch 6 NBC		WTJC 26	
	WfYZt 39 TN	2114		KENWt 3 NM		(U / local WGBA)	
0643	WDRB 41 KY 437			KAMRt 4 TX	2156	WPBO 42 OH 461	
	WTVQ 36 KY 473	2131		KLBYt 4 KS		unid ch 21 south	
	WKHA 35 KY 551	18 Es 1120		CKCW 2 NB 1117		(Louisville??)	
0649	WGRB 34 KY			CBHT 3 NS 1170	2215	WIII 64 OH 400	
	WBGU 57 OH 292			CHSJ 4 NB 1085		WXIX 19 OH 400	
				1155-1800 unids 2-3 s	29 tr 0817	WBNX 55 OH 380	
<u>April 1986</u>		20 Es 1725		unid ch 2- south		(Akron - Other	
14 tr 0630	KTEJt 19 AR	24 Es 1830		KRTVt 3 MT		Ohio U's also)	
22 Es 1245	unid ch 2 weak			KFBBt 5 MT	30 tr 0705	WBNX 55 OH 380	
		2030		KATC 3 LA 1026		(Snow free)	
				KDBct 4 TX		Also other Ohio	
<u>May 1986</u>				KWABt 4 TX		WZAF 42 WI 78	
2 au 1823	Chs 2-6 -no ID's	25 Es 1030		KFDX 3 TX 945		(Ripon	
						LPTV)	

W42AF was snow free and appeared to be about the same offset as CKC042-42 which was also in.

About the only thing new here is that local WXGZ-32 went to stereo sound a few weeks ago; the first area station to do so.

William Draeb (continued) More E skip this year in May than in recent years. I hope it continues. I missed out on some of it, I'm sure, because of other business and activities.
My rotors froze up a few days in February because of heavy sleet. Kind of rare to have the Ham-M do that on the big tower. It usually has enough torque to break the ice. That's it for now. 73, Bill

(Bill, with regard to your tentative of KLBV-4 on May 17, Dave Pomeroy mentions in his report that KLBV-4 is now off the air; although he doesn't say when it went off. Perhaps you had something else. fm)

Michael Parks, Route 1, Box 103, Amery, WI 54001

CST/CDT

Equipment: Channel Master 1110 Quantum with Channel Master 0064C preamplifier and RG-11U at 28', Antennacraft P-7 with Winegard PA-4975 preamplifier and RG-11U at 33', Alliance HD-73 rotor, Winegard DA-8150 post-amplifier, Channel Master 7206 Hi "Q" trap, and Zenith Z1920W 19" color TV.

<u>December 1985</u>				22 tr 0036	WOTV 8 MI 369	17 Es 1759	KENWt 3 NM PBS
					WZMt 13 MI	1812	KMID 2 TX 1065
21 Es 1828	WDIQ 2 AL 1014			(0 kHz - WEAU)		1840	KBXTx 3 TX
	WMAB 2 MS 850	0038		WWTvt 9 MI		1848	unid channel 3
	1902 WEAR 3 FL 1072			(10 kHz - KMSP)		1900	WEAR 3 FL 1072
	2000 unid ch 2 NBC	0133		unid channel 19		1909	WTVY 4 AL 1049
	2021 WBRZ 2 LA 1036			(See Comment #2)		1929	KATC 3 LA 1050
				0156	WKBDt 50 MI		1956 unid ch 3 PBS
<u>February 1986</u>				0157	WUHQ 41 MI 413		1957 unid ch 3 NBC
						2020	unid ch 2 NBC
5 tr 1836	KDSD 16 SD 301	<u>March 1986</u>				19 Es 1034	unid channel 2
1851	KSFY 13 SD 254	1 tr 0011	KDSD 16 SD 301			1039	WEART 3 FL
6 tr 0033	K22AC 22 MN 113	4 tr 1858	Peoria 25, 47			1040	unid ch 3 NBC
	(Brainerd KSTP- 5)	11 tr 1600	KMEG 14 IA 287			1058	WWAY 3 NC 1081
	0041 EK41AD 41 IA 149	1603	KSIN 27 IA 287			1258	WPMY 2 NC 917
	(Lansing KYIN-24)		KSFY 13 SD 254				unid ch 3 ABC
	0134 WTV 18 WI 272	19 ms 2305	KUTVt 2 UT NBC			1400	unid channel 3
	0141 WCGV 24 WI 272		(Mtn. Std. Time)			20 tr 0003	K18AI 18 MN 139
	1033 WHME 46 IN 397	2317	=WMAB 2 MS 850				(Grand Rpids STV-LPTV)
	WNBU 16 IN 397	24 tr 1055	(See Comment #3)			21 Es 1105	KATC 3 LA 1050
	WNIT 34 IN 397		WICS 20 IL 410			23 Es 1100	KTVxt 4 UT
	WSBT 22 IN 397		WRSP 55 IL 410			1102	KTVt 2 UT 1038
	1108 Chicago U's 337	27 tr 0135	WHO 13 IA 272			1137	KSL t 5 UT CBS
	WGBO 66 IL 340		KCCI 8 IA 272			1139	KWGN 2 CO 755
21 tr 2032	WNBU 16 IN 397	29 tr 0856	KMEG 14 IA 287			1141	KTWot 2 WY ABC
	WSBT 22 IN 397	0857	KSIN 27 IA 287			1425	KSL 5 UT 1038
2034	WHME 46 IN 397		KETV 7 NE 340			1439	KTVX 4 UT 1038
2037	WPWR 60 IL 337		KYNE 26 NE 340			1551	KIDK 3 ID 982
	(See Comment #1)					1858	KMID 2 TX 1065
2038	WGBO 66 IL 340	<u>April 1986</u>				24 Es 1901	KENW 3 NM 981
	WSNS 44 IL 337					2000	KPRC 2 TX 1095
	WFLD 32 IL 337					2002	KAVERt 6 NM ABC
2045	W64AU 64 WI 157	30 Es 1026-1107	unids 2-4				(Mtn. Dlt. Time)
	(Adams STV-LPTV)						(0 kHz - KAAL)
2048	WCFB 38 IL 337	<u>May 1986</u>				2020	KDBct 4 TX
2203	WCIU 26 IL 337	7 Es 1115	unid ch 2 ABC			2025	KNMEt 5 NM
2221	WCGV 24 WI 272					25 Es 1154	unid ch 2 ABC
22 tr 0008	WTV 18 WI 272					1155	unid channel 2
	(Over WQOW-18)						unid ch 3 ABC
0010	WQRF 39 IL 269					1200	KATC 3 LA 1050
0013	WEEK 25 IL 353					1435	WLBt 3 MS 913
0015	WVVT 36 WI 272	9 tr 1924	KWCM 10 MN 182			1212	unid channel 4
0017	WSYM 47 MI 426		(Annual Auction)			30 tr 0135	@WHO 13 IA 272
0019	WGVct 35 MI	12 Es 1036	unid ch 2 CBS			=KCCI 8 IA 272	
	WIHT 31 MI 460	16 Es 1429	KFDX 3 TX 860			31 tr 0004	K18AI 18 MN 139
0020	WXMI 17 MI 369		unid channel 4			0051	WTVV 18 WI 272
0035	WISN 12 WI 272		(Had to leave)			0124	WCGV 24 WI 272

Comment #1: 2-21-86 @ 2037 - this opening to Chicago was a bit strange. WPWR-60 was in rock solid with color and a fairly watchable picture while the other Chicago U's were very weak and unstable.

Michael Parks (continued)

Comment #2: 2-22-86 @ 0133 - this station was in the same general direction as Detroit and was showing rock videos. The only channel 19 I know of in Michigan is a PBS so I can't imagine that it was them. Maybe WOIO in Shaker Heights, Ohio? Does anyone know if they show rock videos that time of night?

Comment #3: 3-19-86 @ 2317 - I usually can't watch meteor scatter this early, but KTCA was off with technical problems. I caught what appeared to be the Mississippi ETV network sign/off. There were several bursts, but I was only able to make out two of them. During the first, WMAA-TV calls were seen and the word "power" was heard. The second had W45AA calls with the words "Columbia, MS." KTCA themselves were "imitating" meteor scatter by popping on and off for split second intervals.

The February 22nd opening to Michigan was much wanted. It was pretty much concentrated in a small area though. There are several Michigan stations I haven't seen yet. Maybe someday I'll get a really good opening in that direction. I received a verie from WIHT-31's general manager. He claims my reception was possible due to an atmospheric phenomenon called E skip!

I've seen a lot more E skip this May than in the last couple of years. The openings were also more intense. It looked like a good June. Now I'm not so sure; it suddenly dried up a week ago. Let's hope that's not a bad omen.

I may have to take down my dish for maintenance this summer. There were a lot of strong winds in this area during April. They managed to blow a couple of the clips that support the elements out of position. I managed to push them back into position with a long pole, but two days later the wind returned and moved them again. After taking a closer look, I see that somehow the wind bent open the hooked ends of the clips and they are now too loose to stay anywhere until I can pinch them back shut.

73, Mike

Jeff Kadet, W3CRH, Box 20, Macomb, IL 61455 (309)-833-1809

CDT

Equipment: Zenith Y1310 color, Channel Master 1110 with CP 3800 preamp, RG-11 at 50', Channel Master 7' dish with PA 4975 preamp, .500 cable at 55', Zenith 9" black and white, Winegard 5 element low band vertically polarized at 20'

May 1986

7 Es 1500	CFAC 2 AB 1365	16 Es 1625	XEPM 2 CH 1055	23 Es 1051	KFBB 5 MT 1130	
9 tr 2120	WDKY 56 KY 375	1629	WTWJ 4 FL 1190	1100	KCWC 4 WY 950	
10 Es 1130	WUFT 5 FL 880		WEDU 3 FL 980	1130	KRTV 3 MT 1130	
	WCPX 6 FL 980	17 Es 1729	CFSS 3 SK		KXGN 5 MT 840	
1142	WJXT 4 FL 865		("CKOS Cable 11")	24 Es 1258	unid ch 2 Mexico	
1200	WJBF 6 GA 675	1800	CBCP2 2 SK 1105	1702	KMOL 4 TX 890	
1205	WCSC 5 SC 800		(ID - "QC-8")		KENS 5 TX 890	
1241	KPHO 5 AZ 1255	1856	WEDU 3 FL 980	1919	WCIX 6 FL 1180	
1300	KNAZ 2 AZ 1180		WPBT 2 FL 1175	1930	WPTV 5 FL 1125	
1438	KRGV 5 TX 1160	1902	KDBC 4 TX 1055	1935	WCPX 6 FL 980	
	KGBT 4 TX 1065	1943	WBRZ 2 LA 705	2131	KDBC 4 TX 1055	
1600	XEFB 2 NL 1160	2000	WLBT 3 MS 570	2230	unid ch 3 Mexico	
1612	X--- 4 ??		WDIQ 2 AL 675	2341	KMID 2 TX 890	
	(XHGC ID's)	2014	KBTX 3 TX 755	25 Es 0900	KMLD 2 TX 890	
1615	XHPN 3 CU 995	2030	KATC 3 TX 725	0929	KCWC 4 WY 950	
1800	KMOL 4 TX 890	2044	WPBT 2 FL 1175		KIDK 3 ID 1100	
12 Es 1105	unid channel 2	2126	KWGN 2 CO 755	0945	KOWY 5 WY 950	
	(CB TP, Sp news)	18 Es 1200	unid channel 2	1000	KOTA 3 SD 685	
1130	XEFB 2 NL 1160		(FF Maritimes ID)	1030	KIVV 5 SD 725	
	KGBT 4 TX 1065	1712	WWAY 3 NC 790		(ID - "KEVN-7")	
13 Es 1730	WEDU 3 FL 980	1716	WPMY 2 NC 660		KRTV 3 MT 1130	
1800	WPBT 2 FL 1175	1959	WPBT 2 FL 1175		KTVQ 2 MT 975	
1829	Cuba 3 1200+	19 Es 1200	WFSB 3 CT 975	1100	KXGN 5 MT 840	
	(NTV Network ID, had unMexican like soap opera)		1229	CBFT 2 PQ 925	KBME 3 ND 670	
16 Es 1240	WESH 2 FL 950	20 Es 1728	KDBC 4 TX 1055		KWSE 4 ND 840	
1400	KENW 3 NM 820		1926	XEPM 2 CH 1055	1257	KOUS 4 MT 925
1406	KDBC 4 TX 1055	21 Es 0810	WESH 2 FL 950		1429	KYUS 3 MT 860
	(A real pest)		2100	KNMZ 2 NM 890	1529	CFAC 2 AB 1365
		22 Es 2200	WPBT 2 FL 1175			("Channels 2&7")
		23 Es 1044	KWSE 4 ND 840	1545	CFCN 4 AB 1365	

Jeff Kadet (continued)

From the 16th to the 25th, 10 consecutive days of identifiable E skip in May, but there hasn't been any since then (today is June 1st).

States still needed here are DE, NH, CA, OR, WA, AK, and HI. Possibilities for WA include Spokane-2, 4, and 6 at 1405 miles; for CA there is LA-2, 4, and 5 at 1565 miles and Sacramento-3 and 6 at 1625 miles; and for OR there is Bend-3 at 1570 miles and Klamath Falls-2 at 1600 miles. Nate Ely saw Spokane-2 last season, and he's a bit further away.

(Jeff, with regard to your logging of an XHGC-5 ID on channel 4 - the latest Television Factbook indicates that XHGC-5 has 31 repeaters. Two of them listed by the World Radio TV Handbook are XENL-4 in Torreón and XHAL-4 in Acapulco. I believe Torreón is in range. Can anyone provide a complete list of channel 4 relays? fm)

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 (WA5IYX)

CSF

Equipment: 1980 model Penncrest 9" black and white, Archer V-100 and eight bay bow tie UHF array at 20 feet with rotor.

May 1986		11 Es	(MUF 92.5-0836)	13 tr	0143	KLMG 51 TX 310	
3 Es 1222	unids ch 2 west	0900	WBTW 3 NC 1105	0157	WAFB 9 LA 450		
1235	KCBSt 2 CA	0959	WSJK 2 TN 1010		KLFY 10 LA 395		
1247	KNBct 4 CA	1058	WESH 2 FL 1055	0230	WGN0 26 LA 510		
1250	KTVK 3 AZ 835		(MUF 94.1-1133)	0339	WDSU 6 LA 510		
1301	KVBC 3 NV 1050	1300	WSB 2 GA 880	0340	KATC 3 LA 395		
	KNAZ 2 AZ 855		(MUF 104.9-1357)	0406	KJAC 4 TX 280		
	soon fade/out		(MUF 89.3-1519)		KALBt 5 LA		
4 Es 1725-1950	unids 2-4 Sp	1628	KTVO 3 MO 835	0430	KPDM 6 TX 275		
1803	YSR 2 ES 1200	1629	KGAN 2 IA 945	0431	WVUE 8 LA 510		
1827	YSU t 4 ES	1630	WISC 3 IL 1065	0432	KPLC 7 LA 325		
5 Es 0845	unids chs 2, 3		(MUF 97.7-1706)	0526	KLPB 24 LA 395		
	(MUF 94.9-0849)	1805	fade/out	0527	WMAU 17 MS 470		
0858	WPBT 2 FL 1150	1850-1855	unids 2, 3 s		WLPB 27 LA 450		
0914	WCIX 6 FL 1150	2015-2020	unids 2, 3	0528	KVHP 29 LA 325		
0950	fade/out	12 tr	0220	KADN 15 LA 395		Es 0915	unids ch 2 (brf)
7 Es 0845-0945	unids 2 ne		0313	KLFY 10 LA 395		1040-1120	unid ch 2 n
	(Spotty)		0347	KATC 3 LA 395		1315-1350	unid ch 2
0950	WRTVt 6 IN		0350	KALBt 5 LA		1358	KQTV 2 MO 750
	(MUF 92.3-0951)		0356	WAFB 9 LA 450		1423	KTCA 2 MN 1110
0955	WBBMt 2 IL		0410	KMSSt 33 LA		1428	KGAN 2 IA 945
0958	WTWO 2 IN 935		0422	KJAC 4 TX 280		1448	WISC 3 WI 1065
	1003	WTTVt 4 IN	0423	KLMG 51 TX 310		1509	KIMT 3 TA 985
	1025	fade/out	0443	KVHP 29 LA 325		1515-1550	spotty-f/out
8 Es 2115-2200	unids 2 ne		0456	KLAX 31 LA 385		2110-2130	unids ch 2 s
2120	KDKAt 2 PA		0530	KLPBt 24 LA		2215-2220	unid ch 2 nw
2203	WCBD 2 SC 1120		0544	KLTL 18 LA 325		0027	KADN 15 LA 395
2215	fade/out			WMAUt 17 MS		0042	WBRZ 2 LA 450
9 tr 0015	WGN0t 26 LA		0634	KBMTt 12 TX		0413	KALBt 5 LA
	WN0LT 38 LA	Es 0850		unids chs 2, 3		Es 1510-1535	unids 2, 3
0019	KADNt 15 LA			(Tr masking MUF)			Mexico s/se
Es 1000-1015	unids ch 2		1400	fade/out		1536	YSR 2 ES 1200
	Mexico se		1505-1555	unids 2, 3		1539	YSU t 4 ES
1128-1140	unid ch 2 s			northeast then w		1705	fade/out
2120	KDKAt 2 PA		1558	KVBC 3 NV 1050		1815	KUTVt 2 UT
2128	WTWO 2 IN 935		1559	KNAZ 2 AZ 855		1859	KTVK 3 AZ 835
2129	WBBM 2 IL 1045			XHAQt 5 BCN		1900	KNAZ 2 AZ 855
2140	unids chs 2-3			(MUF 98.7-1605)		1918	KPH0t 5 AZ
2202	KGAN 2 IA 945			1621	KNBct 4 CA	1940	KVVU 5 NV
2225	fade/out			1629	XHPDt 2 SO 895	1959	KVBC 3 NV 1050
10 Es 0900	unids chs 2-6			1643	KCBS 2 CA 1190		(MUF 98.5-2003)
	(MUF 107.9-0940)			1658	XHBC 3 BCN1010	2045	severe local lightning
1059	KNOP 2 NE 815			1725	soon fade/out	2159	KCBS 2 CA 1190
	KTWO 2 WY 1015			tr 2149	WLAEt 32 LA		soon fade/out
1100	KIDK 3 ID 1215			2152	WNOL 38 LA 510	15 Es 1800-1915	unids 2, 3
1230	apx fade/out			2153	KLPBt 24 LA		Spanish sw
11 tr 0223	KLMG 51 TX 310			2200	KLTL 18 LA 325	16 Es 0710	WPBt 2 FL
Es 0815	unids chs 2-4			13 tr 0055	KARDt 14 LA		
	(Tr masking MUF)			0100	KADN 15 LA 395		
	WCIVt 4 SC						
0829	WCBD 2 SC 1120						

Pat Dyer (continued)

16 Es 0710 WEDUT 3 FL
 WTVJt 4 FL
 0718 WCIX 6 FL 1150
 0722 WPTVt 5 FL
 (MUF 98.7-0726)
 0749 WESH 2 FL 1055
 0758 WEAR 3 FL 685
 0802 WJXTt 4 FL
 0805 WTVYt 4 AL
 0806 WUFTt 5 FL
 0813 WCTV 6 GA 855
 0829 WSAV 3 GA 1050
 0830 WRBL 3 GA 830
 0840 WDIQ 2 AL 730
 0858 WSB 2 GA 880
 0859 WWAY 3 NC 1250
 0900 WBTv 3 NC 1105
 0905 WRCBt 3 TN
 0930 WPMY 2 NC 1175
 0939 WSJK 2 TN 1010
 0959 WVVA 6 WV 1125
 (MUF 99.1-1001)
 1016 WDTN 2 OH 1075
 1029 WKYC 3 OH 1250
 WTWO 2 IN 935
 WSIL 3 IL 810
 WJBK 2 MI 1225
 WMMT 3 MI 1140
 1102 WCIA 3 IL 935
 1135 WCBd 2 SC 1120
 (MUF 89.9-1142).
 1320 KFYRt 5 ND
 KPRYt 4 SD
 1329 KGFt 2 ND 1240
 (MUF 98.5-1340)
 1358 WFBT 2 FL 1150
 1359 WEDU 3 FL 985
 1415 WTVJt 4 FL 1150
 1456 WESH 2 FL 1055
 1501 WSB 2 GA 880
 1510-1645 unids 2, 3
 Spanish se
 fade/outs
 (At last!)
 17 Es 1119-25 KDKA 2 PA 1280
 1629 unids 2-5 n, nw
 1700 KTWO 2 WY 1015
 1737 unids chs 2-6
 Spanish south
 (MUF 107.9-1846)
 (MUF 88.5-2026)
 2103 WBTv 3 NC 1105
 2110 WPMY 2 NC 1175
 2138 unids 2, 3 nw
 2230 fade/outs
 18 Es 0715-0725 unid ch 2
 0826 KTVXt 4 UT
 0829 KUTV 2 UT 1080
 0854 KVVUt 5 NV
 0859 KVBC 3 NV 1050
 KNAZ 2 AZ 855
 0901 KVOAt 4 AZ
 0915 KTVK 3 AZ 835
 (MUF 107.9-0945)
 (MUF 92.5-1058)
 1144 KWGN 2 CO 810
 1150+ fade/outs
 1615-1630 unids ch 2

18 Es 1726-1740 unid ch 2 Sp
 1903-2000 unids 2-4 ne
 1938 WBBM 2 IL 1045
 2055 KTWOt 2 WY
 2058 KWGN 2 CO 810
 soon fade/outs
 2138 unids ch 2, 3 ne
 2144 WSAZ 3 WV 1100
 2158 WUND 2 NC 1360
 2305 WCBd 2 SC 1120
 2315 fade/outs
 19 Es 0819-0859 unids 2, 3
 0859 KUSD 2 SD 920
 0914 unids chs 2-6
 (MUF 106.5-0934)
 0959 KNOP 2 NE 815
 KOTA 3 SD 1040
 1041 KPRYt 4 SD
 KFYRt 5 ND
 KPLot 6 SD
 (MUF 107.9-1121)
 1129 KGFt 2 ND 1240
 1159 soon fade/outs
 20 Es 0945-1030 unids 2 ne
 1022 WJBK 2 MI 1225
 1145 unids chs 2, 3
 1159 KUSD 2 SD 920
 1224 WBAY 2 WI 1190
 (MUF 88.1-1259)
 1259 KIMT 3 IA 985
 KGAN 2 IA 945
 1350 fade/outs
 1520 unids chs 2-5
 1526 KNOP 2 NE 815
 1527 KOTA 3 SD 1040
 1529 KBME 3 ND 1200
 1538 KPRYt 4 SD
 1558 KXMA 2 ND 1225
 1600 KDLO 3 SD 1070
 1614 WDAY 6 ND 1200
 (MUF 89.3-1616)
 1629 KUSD 2 SD 920
 1700 KTWO 2 WY 1015
 1729 YSU t 4 ES
 1743 YSR 2 ES 1200
 1758 KDLH 3 MN 1250
 1759 WCCO 4 MN 1110
 (MUF 89.3-1814)
 1859 KTCA 2 MN 1110
 1900 KIMT 3 IA 985
 1955-2030 unids 2-4
 Spanish s/sw
 21 Es 0818 KGFt 2 ND 1240
 0959 WBBM 2 IL 1045
 1014 WDIvt 4 MI
 1015 WMMT 3 MI 1140
 (MUF 96.5-1058)
 1129 KTCA 2 MN 1110
 1137 WCCOt 4 MN
 1150 fade/outs
 1655 unids ch 2 se
 1658 WPBT 2 FL 1150
 (MUF 92.3-1659)
 1710 fade/outs
 1925 unids ch 2 (brf)
 2025 unids channel 2
 (Tr masking MUF)
 2019 KUSD 2 SD 920
 2112 WBAY 2 WI 1190
 2120 KXMA 2 ND 1225

21 Es 2155 fade/outs?
 tr 2306 KVHPT 29 LA
 2314 KLMG 51 TX 310
 KTRE 9 TX 260
 2329 KMSS 33 LA 350
 2352 KADN 15 LA 395
 2354 WGNVt 26 LA
 22 tr 0048 KSLA 12 LA 350
 0156 KLFY 10 LA 395
 0177 WAFB 9 LA 450
 0730 KALBt 5 LA
 KLPBt 24 LA
 KLTLt 18 LA
 0757 KLRT 16 AR 515
 0841 KETSt 2 AR
 0949 XEFB 2 NE 275
 2109 WNOL 38 LA 510
 2110 WGNVt 26 LA
 WMPVt 21 AL
 KADNt 15 LA
 2116 WLAE 32 LA 510
 2117 KMSSt 33 LA
 2121 WPMI 15 AL 630
 2126 WJTC 44 FL 685
 2128 KLPB 24 LA 395
 2129 WPANt 53 FL
 2133 WAPt 16 MS
 2154 KLTL 18 LA 325
 2201 WMAH 19 MS 570
 WMAU 17 MS 470
 2202 WRBt 33 LA
 2307 WJTVt 12 MS
 23 tr 0220 WDBS 17 AL 700
 0410 KTBS 3 LA 350
 24 Es 1310 WTTVt 4 IN
 1359 WTWO 2 IN 935
 WCIA 3 IL 935
 (MUF 95.1-1403)
 1443 WISC 3 WI 1065
 1500 KNAZ 2 AZ 855
 1557 KTVXt 4 UT
 1600 KUTV 2 UT 1080
 1604 KSL t 5 UT
 (MUF 98.7-1618)
 1645 KFYRt 5 ND
 1659 KTVQ 2 MT 1245
 KIDK 3 ID 1215
 1727 KPRYt 4 SD
 1730 KBME 3 ND 1200
 (MUF 106.3-2000)
 2101 WBAY 2 WI 1190
 2103 WTTVt 4 IN
 2120 WDTN 2 OH 1075
 2130 KDKA 2 PA 1280
 2305 fade/outs (local
 lightning bad)
 25 Es 0700-0830 unids 2, 3
 (local lightning)
 0950-1020 unids 2-5 nw
 1040-1110 unids ch 2
 Spanish west
 29 Es 1803-1843 unids ch 2
 Spanish south/sw
 1900 KTVQ 2 MT 1245
 1900-2100 unids 2-4
 north/northwest
 2111 WTWO 2 IN 935
 2134 KGAN 2 IA 945
 2139 WBAY 2 WI 1190
 2220 fade/outs

Pat Dyer (continued)

30 Es 0825-31 ch 2 Spanish w
 31 Es 0835 unids chs 2, 3 w
 31 Es 0853 KNBct 4 CA
 (MUF 105.9-0907)
 31 Es 0916 XHPDt 2 SO 895
 1000 fade/outs

Certainly a lot of E skip in the month this year, with the FM MUF time running over four times the total for May of last year. Some pretty good long-haul tropo thrown in as well. 73, Pat, WA5IYX

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

CLT?

July 1985
 8 Es 1900 WRGB 6 NY
 tr 2100 WEVv 44 IN
 WRSP 55 IL
 KNLC 24 MO
 WFIE 14 IN
 WEHT 25 IN
 WKMA 35 KY
 WKOH 31 KY
 WAND 17 IL
 WUSI 16 IL
 10 tr KOKH 25 OK
 17 tr KELO 11 SD
 (KTWU off)
 WHO 13 IA
 KMEG 14 IA
 28 tr K56AF 56 IA
 (Clarinda KMTV- 3)
 K58AE 58 IA
 (Clarinda WQWT- 6)
 K60AK 60 IA
 (Clarinda KETV- 7)
 28 tr K64AH 64 IA
 (Clarinda KDIN-11)
 August 1985
 13 tr 2000 KLJB 18 IA
 KDUB 40 IA
 18 tr KSAS 24 KS test
 27 tr KMEG 14 IA
 30 tr 0700 Tulsa 23, 41,47
 2000 unid ch 23 STV
 KITN 29 MN
 KDSd 16 SD
 KMSQ 15 MN QTV
 KMEG 14 IA
 K25AA 25 IA
 (Rock Rapids KSIN-27)
 31 tr KTTC 10 MN
 KCRG 9 IA
 KHGI 13 NE
 KDEB 27 MO
 unid ch 24 xltr
 (w/KOLR-10 se)
 May 1986
 1 Es KPTM 42 NE
 10 Es WWAY 3 NC
 WECT 6 NC
 11 tr 2200 KJTL 18 TX
 KOKH 25 OK
 KXII 12 OK
 OK City 14,34,43
 KTAB 32 TX
 ("Kay-Tab")
 KERA 13 TX
 KINAR 44 KS
 (Salina TBN)
 (1000 Watt 300')
 WOI 5 IA
 KTIV 4 IA
 June 1986
 1 tr unid channel 25
 (Jeferson City?)

KTAJ-16, St. Joseph, Missouri is scheduled to go on in June -- no sign of them as of June 1 -- 5,000,000 Watts. KMCI-38, Lawrence, Kansas is now set for fall. K30AM, LPTV in Lawrence is on a reduced schedule. KLDH-49 is the first Topeka station in Stereo (ABC). KOZJ-26 in Joplin (PBS) is now on with 10,000 Watts. KLBV-4, Colby, Kansas is now off the air.

Marvin Shults, RR#1, Toulon, IL 61483

CLT?

February 1986
 8 au 1900 intense on ch 2-6
 18 tr 0452 K52AY 52 MO
 (St. Louis SIN)
 0540 KBSI 23 MO
 10 Es 1300 WBZ t 4 MA
 WLNet 6 RI
 1329 WKTv 2 NY
 1351 WLbZ 2 ME
 1359 CBHT 3 NS
 2120 CKCWt 2 NB
 2130 WLbZ 2 ME
 11 Es 1030 CKSA 2 AB
 1747 XEFB 2 NL
 1800 unid ch 2 Mexico
 1817 KPRC 2 TX
 12 Es 1057 XEFB 2 NL
 1129 KIII 3 TX
 13 Es 1900 unid ch 2 Mexico
 16 Es 1200 WBRZ 2 LA
 WML t 4 LA
 17 Es 0829 KWGN 2 CO
 1000 KTWO 2 WY
 1030 KTVQ 2 MT
 1730 KWGN 2 CO
 Plus two others
 1759 CKND2 2 MB
 CBWFT 3 MB
 1802 CKCO2 2 ON
 1929 WBRZ 2 LA
 ICR 2 Cuba
 17 Es 1930 WPBT 2 FL
 1958 WESH 2 FL
 WPBT 2 FL
 2000 WPTV 5 FL
 2130 WPBT 2 FL
 WESH 2 FL
 18 Es 1800 CKTVt 2 SK
 20 Es 1300 XEPMt 2 CH
 1326 KMIDt 2 TX
 21 Es 2128 KPMZ 2 NM
 2200 XEPMt 2 CH
 23 Es 1233 KTVQ 2 MT
 1329 KBCI 2 ID
 1330 KIDK 3 ID
 1600 KBCI 2 ID
 24 Es 1030 unids chs 2, 3
 tr 1030 WKBD 50 MI
 WTVS 56 MI
 WPR 62 MI
 Es 1528 XEPMt 2 CH
 KMIDt 2 TX
 1929 KNAZ 2 AZ
 1930 KMWZ 2 NM
 KENW 3 NM
 KOB t 4 NM
 2100 KVBCt 3 NV NBC

Marvin Shults (continued)				25 Es 1009 KCWC 4 WY	25 Es 1400 KFBB 5 MT
				1030 KTVQ 2 MT	1530 CFAC 2 AB
24 Es 2100	KVOat 4 AZ		1059 KYUS 3 MT	1556 CKTV 2 SK	
25 Es 0859	KMID 2 TX				27 tr 0800 Detroit 50,56,62
	0915 KTVxt 4 UT	1130 KOUS 4 MT			28 tr 0759 WRGT 45 OH
	0930 KSL t 5 UT	1159 KWGN 2 CO			WCET 48 OH
	0956 KYCU 5 WY				WIII 64 OH
	(MUF channel 6)	1243 KBCI 2 ID			
	0958 KDBC 4 TX	1318 KRTV 3 MT		June 1986	
	0959 KIDK 3 ID	1329 KTVQ 2 MT		1 tr 0550	KSNF 16 MO
	1000 KTVX 4 UT	1336 KXLft 4 MT		ms 0551	KCNC 4 CO
	KCWct 4 WY	1358 KIDK 3 ID		2 tr 0800	KPTM 42 NE

William Eckberg, 1032 Sterling Road, Dixon, IL 61021

CDT

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.

May 1986

9 tr 2235	WKSQ 29 KY 405	17 Es 1955	WPBT 2 FL 1229	24 Es 1725	KTVK 3 AZ 1348
10 tr 0148	WZTV 17 TN 408	2000	KPRC 2 TX 890	1900	WPBT 2 FL 1229
	0630 WCAY 30 TN 408	2100	KNMZ 2 NM 972		KNAZ 2 AZ 1258
	Es 1200 KBTX 3 TX 856	2200	WESH 2 FL 983	2000	KNME 5 NM 1026
	1205 WUFT 5 FL 923	19 Es 1100	XEPM 2 CH 1162	2100	KENW 3 NM 912
11 Es 1100	WPBT 2 FL 1229	1140	KNMZ 2 NM 972	2105	KMID 2 TX 967
	1805 KPRC 2 TX 890	21 Es 0955	WBZ 2 LA 784	2200	KPRC 2 TX 890
17 Es 1100	KWGN 2 CO 811	1000	WPBT 2 FL 1229	2255	XHRI0 2 TM 1201
	1750 CKTV 2 SK 918	23 Es 1230	KTVM 6 MT 1151	25 Es 1202	KXMA 2 ND 732
	1803 CKSA 3 AB 1206	1300	KIDK 3 ID 1123	1230	KTVQ 2 MT 968
	1930 WBZ 2 LA 784	1330	KBCI 2 ID 1328	1235	KBCI 2 ID 1328
	WCBd 2 SC 797	24 Es 1705	KENS 5 TX 992	1335	KRTV 3 MT 1112

E skip was very intense from 1200-1230 on May 23rd. KTVM-6 took out WOC-6, my local, for one half hour. Very unusual as they are both in nearly the same direction.

WSCO-14 in Suring, Wisconsin has an erp of 200 kW, not 400 kW, as I stated in my last report. I thank Bill Draeb for writing and correcting me.

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CDT

Equipment: VHF: Broadmoor 9" black & white, Winegard CS-4053; UHF: Teknika 6510 tuner, Winegard CH-9095, Blonder-Tongue CMA-Uc pre-amp; Alliance rotor.

May 1986

16 Es 2156	KJRH 2 OK 750	17 Es (MUF 92.3 @ 1931--FL)	7 Es 1030	KENW 3 NM 965
	2159 WCBd 2 SC 1310	1959	WBZ 3 LA 1185	1057 unid ch 2 Mexico
	2219 WCSct 5 SC	2000	WLBT 3 MS 1070	unid ch 3 //ch 2
17 Es 0829	KBTX 3 TX 1120	2028	unid ch 5 CBS s	1100 KMID 2 TX 1060
	(MUF 107.9 @ 0925- NC)	2132	KBTX 3 TX 1120	1139 KNMZ 2 NM 915
	1000 WCYB 5(TN)1040	18 Es 1026	unid channel 2	(MUF 93.3 @ 1152- TX)
	1014 WBTv 3 NC 1140	1140	unid channel 2	1159 KATC 3 LA 1185
	1027 XEPM 2 CH 1180	20 Es 2053	unid ch 2 ABC	(MUF 107.9 @ 1239- AZ)
	1029 KENW 3 NM 965			1242 KPHO 5 AZ 1230
	1104 unid ch 2 PBS sw	June 1986		1329 KTXT 5 TX 955
	1159 KPHO 5 AZ 1230	6 Es 2201	KENS 5 TX 1220	1359 KTVK 3 AZ 1230
	(MUF 94.5 @ 1202- AZ)	(MUF 100.3 @ 2205- TX)		1400 KPHO 5 AZ 1230
	1725 WREG 3 TN 885	2219	KFDX 3 TX 900	1429 KENW 3 NM 965
	1745 WSIL 3 IL 755	2222	XEPmt 2 CH	1444 unid ch 2 Mexico
	1810 KPRC 2 TX 1195	2249	KPRC 2 TX 1195	1445 unid ch 5 Mexico
	1830 KXAS 5 TX 985	(MUF 88.3 @ 2259- TX)		(Same prog, but
	1900 WTWO 2 IN 710	7 Es 0943	unid ch 2 Mexico	not same network
	1930 WBZ 2 LA 1185	0959	KALB 5 LA 1115	Soccor)
		(MUF 95.1 @ 1013- MS)		(MUF 107.9 @ 1639- AZ)

I will use the remaining space to encourage all TV DX'ers in the Western TVDX region to report. Keep your reports current and keep them complete. Please ALWAYS indicate the date, time, mode, call, ch, and state for EACH logging. With EACH report indicate what time standard you are using. Mileages are GREATLY appreciated, and news goes to Fahber.

SOUTHERN FM DX

Eric Bueneman
836 Lamplight Lane
Hazelwood, MO 63042-3407

Report to this column if you are from: AL, AZ, AR, CA, CO, DC, FL, GA, HI, KS, KY, LA, MD, MO, NC, NM, NV, OK, SC, TN, TX, UT, VA and WV.

TOM YINGLING, 221 Pinewood Rd., Baltimore, Maryland 21222-2345 (301) 282-5649
Equipment: Pioneer TX-9100, fixed with SCA, Panasonic Dolby Reduction Unit RP-966, Channel Master Probe-9 FM yagi on rotor at 50' AG/?? ASL (EDT)

MAY 1986

10 Es	1030	KHLT	94.1	AR	1080
	1035	KRAV	96.5	OK	1080
	1130	XET	94.1	NL	1800
	1212	KMCO	101.3	OK	1100

MAY 1986 (continuado)

10 Es	1220	KLAW	101.5	OK	1090
	1230	KRRL	93.7	IA	870
	1306	KCFO	98.5	OK	1080

Here's my first FM DX report in quite a while, since I usually DX TV only. Got some FM Es with my best ever and first double-hop about 1800 miles into Mexico with XET-FM. This day must have been a good one, as I heard from a local ham that he worked SSB-FM 145 MHz into TX and OK on the same date. I guess since the higher frequency shipped, the lower ones can go farther, and so it did for me. Well, that's all for now. 73's.

MATT SITTEL, 220 Brookfield Dr., Kingsport, Tennessee 37663 EDT

Equipment: General Electric 7-4875A, Panasonic SE-1160D stereo hooked to Channel Master 1160 Quantum antenna with amplifier at 34' AGL/??? ASL

JUNE 1985

10 Es	1635	KTXT	88.1	TX	1116
	1636	KNIN	92.9	TX	936
	1636	KSEL	93.7	TX	1116
	1636	KLEK	94.5	TX	1116
	1636	KNT0	103.3	TX	936
	1641	KIXC	100.9	TX	987
	1717	KUFO	97.9	TX	1174
	1721	KAMZ	93.1	TX	1411
	1810	KQIZ	93.1	TX	1116
	1834	KISR	93.7	AR	678
Jul.2 Es	1338	KMOR	92.9	NE	1206
1985	1339	KRVN	93.1	NE	958
	1341	KNEB	94.1	NE	1206
	1341	KSID	95.3	NE	1143
	1344	KAMI	104.5	NE	990
	1350	KESD	88.3	SD	927
	1355	KFRX	102.7	NE	819
	1419	KFBQ	97.9	WY	1242
	1421	KLEN	106.5	WY	1242
	1424	KUAD	99.1	CO	1238
5/17/86 Es	1017	KCCM	91.1	MN	1017
	1027	WDAY	93.7	ND	1019
	1032	KBRF	103.3	MN	968
	1032	KZZY	103.5	ND	1147
	1033	KDSU	91.9	ND	1019

MAY 1986 (continued)

17 Es	1033	KMSR	94.3	MN	900
	1034	KDVL	102.5	ND	1147
	1034	KCLD	104.7	MN	864
	1034	KZPR	105.3	ND	1256
	1034	KMAV	105.5	ND	1067
	1034	KKWS	105.9	MN	940
	2048	KTCU	88.7	TX	887
	2048	KNON	90.9	TX	864
	2049	KZPS	92.5	TX	864
	2050	KBIL	92.9	TX	1170
	2052	KTXE	93.9	TX	1170
	2053	KORQ	100.7	TX	1026
	2055	KWMJ	103.3	TX	1174
	2056	KOAX	105.3	TX	864
	2056	KAUM	106.3	TX	1085
	2100	KGNZ	88.1	TX	1026
	2101	KUFO	97.9	TX	1174
	2101	KMGC	102.9	TX	864
	2103	KTXQ	102.1	TX	887
	2103	KSCS	96.3	TX	887
	2107	KERA	90.1	TX	864
	2136	KACV	89.9	TX	1174
	2141	KQIZ	93.1	TX	1116
	2141	KBUY	94.1	TX	1116
	2141	KWAS	101.9	TX	1116

Well, as you can see, 1986 has been a better year than all of 1985 put together. (Much better-eb) I hope that this trend will continue. The best day (obviously) was May 17, with 30 stations received. WDAY stayed in for over an hour, and I called the DJ there to tell him. On the second FM opening, the strongest stations were KGNZ, KORQ and KTXE. I hope that 1986 proves to be a fantastic year for FM DX!!! 73, Matt Sittel. (I had a field day on June 10-11, see logs later in column-eb)

HANK HOLBROOK, 7211 Chestnut St., Chevy Chase, Maryland 20815 (Logs from Fair Haven Cliffs, 15 miles below Annapolis) Equipment: Scott 310E tuner, Finco 10-element single-bay yagi (CDE rotor doesn't work, turned by hand) EDT

MAY 1986

4 tr	0514	WRDV	89.3	PA	130	21	10 Es	1059	KLRE	90.5	AR	920
------	------	------	------	----	-----	----	-------	------	------	------	----	-----

(MORE ON NEXT E)



Bruce F. Elving, Editor
241 Anderson Road
Esco MN 55733-9413

MAY 1986

10	Es	1026	KA&F	88.3	AR	920
		1159	KWFC	89.1	MO	925
25	Es	1130	WGVL	93.5	FL	800
		1135	WSWN	93.5	FL	860
		1138	WRGI	93.5	FL	940

We don't get too much skip in this (Washington, DC) area as the band is filled with strong signals and believe it or not the nine Es stations are the most I've received since starting in 1959. (That's the most skip for May, hi!) (I've had 21 stations received via Es since May 10-eb)

GLENN LAVENDER, 3517 Iverness Lane, Birmingham, AL 35243 CDT

Equipment: Panasonic RF-6300 portable, telescopic whip (Please include mileages)

APRIL 1986

27	tr	0958	WOWW	107.3	FL	---
28	tr	0537	WESC	92.5	SC	---
		0556	WJSP	88.1	GA	---

MAY 1986

5	tr	1758	WSKR	104.1	AL	---
6	tr	0600	WMBW	88.9	TN	---
		0601	WMAU	88.9	MS	---
		0604	WSIX	97.9	TN	---
7	tr	0600	WBLX	92.9	AL	---
		0608	WCKW	92.3	LA	---

Not much tropes heard in April, as you can see. Had many days of semi-local tropes, out to 100-150 miles, but none of the 300-500 mile stations I was hoping for. I finally stumbled on my first ever Es signals on the FM band-I've received TV Es before-but this was much more exciting. I only wish I'd had more time to spend on 5/10-surely I could have managed some more reports. That's about all, 73's and the best of Es to everyone.

(Glenn-The only source of FM station addresses is the Broadcasting Yearbook put out by Broadcasting magazine-eb.)

EL EDITOR, 836 Lamplight Lane, Hazelwood, MO 63042-3407 or c/o KCFV-89.5 FM, 3400 Pershall Rd., Ferguson, MO 63135 (314) 895-1436 (home) (314) 595-4480 (work)

Equipment: Sears model 91867 AM/FM/FM Stereo rx, Realistic DX-400, amplified Archer rabbit ears at 540' ASL

MAY 1986

24	Es	1855	WBJW	105.1	FL	875
		1856	WEAT	104.5	FL	1025
		1905	WNFI	99.9	FL	800
		1914	WIFO	105.5	GA	690
		2056	KOB	93.3	NM	930
		2058	KRWN	92.9	NM	975

JUNE 1986

10	Es	2035	XHNR	98.5	OAX	1520
		2118	XHRK	95.7	NL	1115
		2134	XHJTA	94.3	GT	1420
		2148	KXMC	105.3	NE	555
		2205	XET	94.1	NL	1115
		2208	XHRG	95.5	COA	885
		2212	XHPJ	106.9	NL	1115
		2229	*KCDS	89.9	CA	1720
		2238	XHQI	102.1	NL	1115
		2255	XHCQ	98.5	CHS	1520
		2300	KJBZ	92.7	TX	940
		2313	KQXY	94.1	TX	650
		2335	XHSU	105.9	CH	1025
11	Es	0005	KSTA	107.1	TX	695
		1429	WWBA	107.3	FL	880

Out of all of this, I was only able to tape KYA. INTENSE OPENINGS on June 10-11. MUF reached 107.3 on both occasions, with no sign of the semi-locals (except WIBI, KTJJ and WSMI). KCFV was not ripped up like WTBB did on May 10.

MAY 1986 (Need I say more?)

25	Es	1146	WPDS	93.3	FL	830
		1238	WTSU	89.9	AL	720
		1202	WMAW	88.1	MS	820
26	tr	1216	WRSR	97.3	VA	130
				(ex-WNSY and WGH-FM)		

MAY 1986 (continued)

10	Es	0924	WNTQ	93.1	NY	----
		0930	WPHD	103.3	NY	----
		0939	WOWQ	102.1	PA	----
		0945	WOKW	99.9	NY	----
		0946	WWSE	93.3	NY	----
		0958	WCOB	106.1	MA	----
		1001	CHEZ	106.1	ON	----
		1054	WVIC	94.9	MI	----
		1059	WBFO	88.7	NY	----
		1102	WRUP	103.3	MI	----

JUNE 1986 (continuado)

11	Es	1430	WKES	101.5	FL	880
		1431	WIQI	100.7	FL	875
		1442	WJIS	88.1	FL	910
		1447	WFSP	90.1	FL	970
		1617	WPDS	93.3	FL	875
		1657	CHMM	97.5	MB	835
		1701	KBHW	99.5	MN	695
		1658	CBQX	98.7	ON	790
		1733	KSRQ	90.1	MN	700
		1736	CHIQ	94.3	MB	835
		1741	CITI	92.1	MB	835
		1741	KVLR	95.3	MN	635
		1744	CBKF	97.7	SK	1065
		1746	KFGO	101.9	ND	645
		1757	KDXT	93.3	MT	1305
		1802	KTEQ	91.3	SD	755
		1808	KGCH	93.5	MT	925
		1809	KPQX	92.5	MT	1170
		1830	KXXE	101.3	MT	970
		1832	KXEI	95.1	MT	1170
		1832	KSDY	95.1	MT	925
		1857	KYYA	93.3	MT	1040

New FM Station, Translator Grants

AL Dothan W213AE *90.5 (WPDS 89.3 Pensacola FL)
 AL Florence WWOL *91.3 30000 h.v.; 600', g. Tri-State Inspirational
 AK Kacheak City (56-34-04;151-24-33) K276J 103.1 (KGTI-FM 103.5 Homer AK translator)
 AZ Flagstaff K265CJ 100.9 (KNI X-FM 102.5 Phoenix)
 AZ Kingman K252CM 98.3 (KNIX-FM)
 AZ Page K209AM *89.7 (KNAU 88.7 Flagstaff)
 AZ Prescott K265CI 100.9 (KDKB 93.3 Mesa)
 AR Camden 95.3 1000 h.v.; 500' (see also deletions)
 CA Danville KSNAN 34.9 (KSNAN 94.9 San Fran.) 10w
 CA Independence K249CJ 97.7 (KPAH 92.7 Tonopah NV)
 CA Santa Margarita KWSP 106.3 105 h.v.; 1390'
 CA S. Lake Tahoe K215AZ *90.9 (KUNR 88.7 Reno)
 CA La Quinta (Palm Desert area) 96.7 650 h.v.; 580'
 CO Frisco K280CT 103.9 (KSMT 102.3 Breckenridge)
 CO Meeker K219AM *91.7 (KJOL 93.0 Grnd Jct)
 CO Rangely K220BM *91.9 (KJOL)
 CO Rural Garfield County K210AL *89.9 (KJOL)
 CO W. Glenwood Spgs. K244CD 96.7 (KMST 92.7 Gt. Spgs.)
 FL Marathon 97.7 3000 h.v.; 195'
 FL Stuart W212AC *90.3 (WRMB 89.3 Boynton Bch)
 IA Mason City *91.5 8000 vertical only, directional, 370', University of Northern Iowa
 MN Ely K237CE *95.3 (KBHW 99.5 Intl. Falls)
 MT Great Falls K276H 103.1 (KZKY 104.1 East Helena MT)
 NE Beatrice K249CK *97.7 (KGBI 107.0 Omaha)
 NM Los Alamos 107.1 3000 h.v.; 100' [Portales]
 NM Ruidoso K217BD *91.3 (KENW-FM 89.5/
 NM Tucumcari K217BC *91.3 (KENW-FM)
 NY Watertown W221AQ 92.1 (WTOJ 103.1 Carthage)
 ND Cray-Emax K208BF *89.5 (KFJM-FM 89.3)
 ND Crosby K232CD 94.3 (KY Z 96.1 Williston)
 ND Lakota K218AX *91.7 (KFJM-FM 89.3 Grnd Forks)
 OK Elk City 98.5 10000 h.v.; 1010' [Portland]
 OR Hood River K272CK 102.3 (KPDQ-FM 93.7/
 OR Lakeview 93.5 285 h.v.; 1000'
 PA City-Dallastown-York W204AG *88.7 (WKDN 106.9 Camden NJ) [Lancaster]
 PA Shillington W280CQ 103.9 (WDAC 94.5/
 PA Wagontown (40-00-44;75-50-34) W280CP 103.9 (WDAC) [90.1 Porcupine SD]
 SD Bilsburg K220BN *91.1 (KILI/
 SD Fort Pierre K272CJ 102.3 (KSLL 107.3 Spearfish) [(KSLT)
 SD Midland (Murray Butte) K288DP 105.5/
 TX Wheeler KPDR *90.5 3100 h.v.; 485', g; Educational Broadcast Foundation (one source said it is in a different part of the state, but FCC coordinates definitely place it in UT Kanab K252CL 98.3 (KMKX 105.1 Manti)
 VA Buffalo Gap (10 mi WNW Staunton) 105.5 3000 h.v.; 310' [Wheeler]
 VA Strasburg 104.9 3000 h.v.; 330'
 WA Kennewick K5VD *91.7 100 h.v.; 1135'
 WV Keyser 107.1 3000 h.v.; 400'
 WV Petersburg 101.7 1250 h.v.; 500'
 WY Jeffrey City K205B1 *88.9 (KUWR 91.9 Laramie)
 WY Riverton K215AY *90.9 (KUWR)
 PR Cabo Rojo 102.3 3000 h.v.; 750'

Facilities Changes Granted

AL Russellville (new) 87.7 320' (3000 h.v.)
 AZ Prescott K276AH 103.1 has KKL 98.7 Phoenix on it, not KDKB 93.3 Mesa
 AR Fayetteville K224AW 92.7 (from Springdale); now has KTCN 100.9 Eureka Springs on it (not KVLV-FM 106.1 Owasso OK); when called KTCN did not even know this
 AR Mountain View KWQZ 103.3 985' (100000 h.v.)
 AR Osceola KHFO 98.1 100000 h.v.; 680'
 CA Greenfield KSUR 99.5 490' (50000 h.v.)
 CA Los Angeles KUSC *91.5 665' (25000 h.v.)
 CA South Lake Tahoe KZFR 102.9 590 h.v.; 2950'
 FL Micanopy WGGG-FM 97.7 305' (3000 h.v.); ID with Gainesville, r, "Love 98-FM," Stereo?
 GA Savannah W1XV 95.5 980' (100000 h.v.)
 IL Elgin WEPS *88.9 (from 90.9) 740 h.v.; 34', reduces coverage, but ends sharetime with
 IL Glen Ellyn WDCB *90.9 no sharetime with WEPS
 IN Connerville WCNB 100.3 28000 h.v. (275')
 IN Kokomo WWK1 100.5 28000 h.v. (470')
 IA Burlington KGRS 107.3 100000 h.v.; 430'
 MA Boston WERS *88.9 3000 h.v. (730')
 MA Northampton WHMP-FM 99.3 3000 h.v.; 320'
 MA Rockland WRPS *88.3 (from 91.5) 105 h.v.; 140'
 MI Ann Arbor WIOB 102.9 49000 h.v. 415000v, directional antenna (500')
 MI Detroit WQRS 105.1 20000 h.v. (785')
 MN Buhl WIRR *90.9 (from Virginia-Hibbing) MN E. Grand Forks KZLT 445' (100000 h.v.)
 "K-Light" [with Brookhaven]
 MS McComb WAKH 105.7 490' (100000 h.v.); ID
 MO Carthage KRK 104.9 460', 1700 h.v. (power estimated; not announced by FCC, but had to be reduced so as not to exceed Class A status)
 MT Billings KEMC *91.7 72000 h.v.; 660'
 MT Libby K204BA *88.7 (from K215AI 90.9)
 NV Reno 101.7 (not 102.3) 310' (3000 h.v.)
 no official announcement on this, but two conflicting frequencies announced by FCC. I assume 101.7 to be correct
 NJ Newark WNWK 105.9 3400 h.v.; 650'
 NJ Ocean City WSLT 106.3 3000 h.v.; 330'
 NJ Wildwood WNBK 100.7 26000 h.v.; 330'
 NM Albuquerque KLYT *88.3 4170' (1800 h.v.)
 NY Ogdensburg WPAC 92.7 3000 h.v. (310')
 NC Roanoke Rapids WPTM 102.3 2500 h.v.; 350'
 OH Mount Vernon WNZR *90.9 (from 90.1)
 OK Enid K228BS 93.5 has KJLL 104.9 Bethany OK, not KCFO-FM 98.5 Tulsa
 OR Bend KXIO 94.1 86000 h.v.; 995'
 OR Creswell K206AL *89.1 (from K205AY 88.9)
 OR Grants Pass K221CP 92.1 (from K276AR 103.1)
 PA Mechanicsburg WTPA 93.5 1200 h.v.; 525'
 PA S. Williamsport WFXX-FM 98.3 210 h.v. (1230')
 PA Wilkes-Barre WMGs 92.9 5250 h.v.; 1385', correct call letters 10th ed. "FM Atlas" p. 23 map (not WYZZ) [directional]
 SC Seneca WBFM 98.1 100000 h.v.; 590', /
 SD Sioux Falls KRSD *88.1 2000 h.v. (185')
 TX Denton KNTU *88.1 400' (100000 h.v.); directional antenna assumed discontinued
 TX Terrell KTLR 107.1 330' (3000 h.v.)
 UT Manti KMXU 105.1 63000 h.v.; 2360'
 VA Staunton WSGM 93.5 2800 h.v.; 340'
 WI Sparta WCOW-FM 97.1 100000 h.v.; 590'

Call Letters Changed or Granted
 AL Brewton *90.9 WJDT
 AZ Lake Havasu City 105.1 KZUL-FM (KNDD)
 CA Carlsbad 95.9 KVSD (KKOS); FCC

did not officially announce this, but these calls appeared incidentally in one of their news releases
 CA Los Angeles 93.1 KNX-FM (KKHR); still r (light)
 CO Los Osos-Baywood Park 101.3 KEDZ
 CA Salinas 102.5 KDON-FM (KDON)
 FL Apalachicola 105.5 WBFI
 FL Macclenny Jacksonville 92.1 WJXR (WBKF), "definitely WJXR"
 FL Springfield 95.9 WVBM
 GA Ellijay 93.5 WLJA-FM (WLJA)
 GA Warner Robbins 101.7 WRBN-FM (WRBN)
 ID Chubbuck 98.3 KRCD (KOSM)
 ID Twin Falls 96.5 KLIX-FM (KMTW)
 IL Kankakee 92.7 WLRT (WMMH)
 IL Lincoln 100.1 WESZ (WLRX)
 IA Clinton 96.1 KLTP (KSAY); new format, stereo?
 IA Onwasa 102.3 KBAD
 MI Detroit 92.3 WNTM (WCXI-FM); rn, "92-Music" in precommercial stage, "playing more than 15,000 in a row"
 MI Flint WWCK-FM (WWCK); no nonID assumed
 NV Pahrump 107.5 KLVV, 16500 h.v.; 3815'
 NH Gorham 107.1 WMIH
 NY Watertown 93.5 WTNV-FM
 NY Watertown 107.7 WBYP (Watershed); ID now only with Buffalo, "Buffalo's Bear"
 NC Morehead City 95.9 WRHT (WMBJ)
 ND Fargo 101.9 KFQO-FM (KRRZ); b, no nonID, no network (was Mutual), no SCA
 ND Lisbon 106.3 KQLX-FM"
 ND Valley City 100.9 KFMR (KKVC)
 OK Oklahoma City 104.1 KOMJ (KOFM); m music (affects one translator)
 OR Eugene *88.1 KPAA
 PA Lewistown 105.5 WCHX
 PA New Kensington 100.7 WXXP (WWLT); drops mention of Pittsburgh in ID; now p?
 PA Philadelphia 106.1 WTRK (WZGO), "Electric 106" all hits (r), although another reporter claims the nonID is "106" (strict)
 SC Honea Path 103.1 WRHX-FM (WRHX)
 TN Memphis 102.7 WEGR (WZXR); rb, "Eagle"
 TN Selmer 105.5 WXQO
 TX Beaumont 107.9 KWIC-FM (KWIC); now IDs with Port Arthur-Orange, new slogan or nonID is "108"
 The Rock" (used even with AM simulcast)
 TX Kermit 106.3 KERB-FM (KGRA)
 UT Orem 107.5 KMGR-FM (KMGR); affects 1 xltr
 UT Provo 96.1 KFMY-FM (KFMY); no nonID assumed
 VT Waterbury 103.1 WGLY-FM (WTJ); affects one translator
 VA Norfolk 98.7 WNOR-FM (WNOR); affects 1 translator

FCC-FM

WA Tacoma *91.7 KTPS-FM (KTOY); am calling it KTPS-FM and not KTPS... even though the FM was established before the like call-lettered TV, because the TV had the use of the KTPS call letters first.

Formats/Networks

AL Eufaula WULA-FM 92.7 m AR Jonesboro KASU *91.9 bc AR Marshall KZMO 104.3 r, "Z-Rock 104"



WFGG *88.3 rk (rock and country) GA Homerville WBTY 105.5 g, "most of the time," Mutual, no nonID; Stereo?

OR Eugene KUGN-FM 97.9 M (not C) PA Allentown WAEB-FM 104.1 m (not k) PA Greensburg WOKU 107.1 k "What I've heard so far is AM simulcast in mono with stereo light on"

MO Eldon KLDN 92.7, Osage Beach KYLC 93.5 Lebanon KLVF-FM 92.1, Knob Noster KXK 105.5 and Jefferson City VTXJ 106.9, p. 40, Buenamar, (check June VUD for formats.)

Stereo Stations

AL Jackson WHDD-FM 104.9 AR Eureka Springs KTCN 100.9, m AR Little Rock KABF *88.3 back in \$, but use of it seems sporadic

it before going on the air, and modern country" (k). Sluggans which are NonIDs, and Spoken (or sung) without Call Letters



than before (rm), also less talk than before" CO Eagle KEYQ 101.5 Quiet Mountain Storm FL Cocoa WMIE *91.5 My-FM, g

TX Del Rio KTRD 96.3 Power-96, r, not known if Stereo TX El Paso KLTQ 94.7 K-Lite-94.7, still r KBNA 97.5 K-Bwa-na, Spanish and English r, along with 97-FM

DELETIONS

AR Camden K237BY 95.3 (replaced by public Camden station, see "New FM") HI Kawaihae K288CS 105.5, application for extension of permit denied

FCC-FM

AL Greensburg WQZK 94.3 p. 138 \$ symbol missing AL Huntsville p. 130 WOCH should be/ AK Anakutuvuk Pass 101.5t and Point Hope 101.5t have KBRW (not KBYR), p. 80

FCC-FM

KEYE (not KKEY) MS Gluckstadt p. 152 WEQZ/ MS Gulfport p. 35 96.7 WQFX (not WGUFP) MO Seligman p. 56, 95.3 KHHC/ MT (not ME) Helena KMTX-FM p. 158

July, 1986

VA Galax p. 28, 98.1 WBRF (not WBOB) VA Woodbridge p. 27, 105.9 WCXR (not WPKX) VA Bellevue p. 76 *89.3 KASB small type WA Ephrata p. 77, 92.1 KISCT (not KHQT)

SCAction, 67 and 92 kHz

AZ Mesa-Phoenix KDKB 93.3 1X (67 kHz telemetry)
 AZ Phoenix KMEQ-FM 96.9 1X (67 kHz telemetry)
 AR Ozark KDYN-FM 96.7 no SCA (had music, 67 kHz)
 CA Davis KYLO 105.5 1X (67 kHz telemetry)
 CA Modesto KBEE 103.3 67 kHz music
 KHOP 104.1 apparently no SCA (had music)
 CA Patterson KOSO 93.1 has 67 kHz data
 CA Placerville KHTN 92.1 music, 67 kHz
 CA San Diego KLZZ-FM 106.5 no SCA (was to have been paging, 67 kHz), apparently waiting for city council approval to get 7 k h w, 1100", with the move "at least a year away."
 GA Atlanta WPCN 94.9 1X ("machine gun type data," 67 kHz)
 GA Macon WPEZ 107.9 has 92 kHz paging, voice and tone; very active!
 GA Manchester WVFJ 93.3 92 kHz music (no 67 kHz in use)
 IN Fort Wayne WBNI *89.1 music
 WMEZ 97.3 no SCA (had music)
 IN Indianapolis WXTZ 103.3 tone, seemed off frequency—57 kHz
 American Diversified paging? [?] on all the time
 IN Kokomo WZVZ 92.7 1X, 67 kHz telemetry at 800 kHz audio, /
 IN Lafayette WAZY 96.5 music (was data, 67 kHz)
 IN Rensselaer WLQI 97.7 Farm news (voice), "Agrivisor", 67 kHz
 IN Richmond WQLK 96.1 1Paging (voice), 67 kHz
 LA Alexandria KQID 93.1 no 67 kHz SCA (had authorization)
 LA Baton Rouge WRKF *89.3 music 67 kHz; Multicom data 92 kHz
 MI Hancock WZRK 93.5 Muzak; owner unaware the SCA actually was on; his engineer had to be called in to confirm that it had been on for the last six months; owner believes only on 67 kHz, but is "not sure." My Caddy only has 67 kHz in it so far, so I was not able to check on other frequencies.
 MI Marquette WNMU *90.1 no SCA (had Muzak), only open carrier 67 kHz; Muzak remains on WHWL 95.7 and WRUP 103.3, both Marquette
 MI Sault Ste. Marie WSLUE no SCA (open carrier only); had Moody network (G) at 67 kHz
 MN Northfield WCAL-FM *89.3 testing tone, voice, music with audio interrupted every two seconds; they claim SCA to be used for remote church services to save telephone line expenses, 67 kHz
 MS Hattiesburg WHSY-FM 104.5 92 kHz telemetry
 MO Springfield KWFC *89.1 music (67 kHz); KXUS 97.3 assumed to have dropped its SCA music [?] (67 kHz retains Muzak)
 NY Rochester WXII-FM *91.5 has 92 kHz talking book for the blind/
 OH Archbold WHFD 95.9 1 music, 67 kHz
 OH Cincinnati WUBE 105.1 92 kHz Muzak (foreground), as well as 67 kHz background. Sixty-seven kHz drops its carrier between selections, while 92 kHz does not.
 OH Miami Beach WFCJ 93.7 has 92 kHz Multicom data (67 kHz remains music)
 OH Oxford WMMB *88.5 talk: "All Things Considered" (same as main carrier)
 OK Broken Arrow KNYD *90.5 (station still program testing) 1X (67 kHz telemetry)
 OK Oklahoma City KATT 100.5 92 kHz paging (tone and voice)
 PA Boyertown WBVO 107.5 ethnic (sounded Greek, from hearing it over telephone), 67 kHz
 PA Scranton WGBI-FM 101.3 1X data (had music)
 TX Beaumont KAYD 1X (67 kHz telemetry), "KD-97-5"
 TX Canyon KATP 107.1 low modulation telemetry, 67 kHz, "The Cat"
 TX Dallas KVTM *91.7 music both 67 and 92 kHz; 92 kHz sounded slightly more foreground, and 92 kHz contained commercials (such as for Jimmy Dean Sausage); extremely well-engineered SCAs, with excellent audio quality and robust injection)
 TX Fort Worth KESS 94.1 1X (92 kHz telemetry; doctors still on 67 kHz)
 TX Houston KPFT *90.1 East Indian Music 92 kHz, program confirmed as received via skip
 TN Sault Ste. Marie CQJM 104.3 has CKCY AM on 67 kHz, apparently fulltime. Extremely high level of SCA injection, heard clearly on a car radio at 220 miles, almost as well as main carrier, but SCA suffered from very poor fidelity, sounding like a microphone placed in front of speaker playing AM radio.

Multi-City Identifications In Use

AL Mobile WBLX 92.9 adds Pensacola FL, "FM-93"
 FL Destin adds Fort Walton (Beach); still "K-92," k
 FL Jensen Beach WHLG 102.3 adds Stuart, UPI net (x-CBS)
 FL Madison WIMV 104.9 adds Valdosta GA, "FM-105," \$7
 FL Mary Esther WYBZ 105.5 adds Fort Walton (Beach)-Destin, "B-105," stereo? [Marquette
 MI Iron Mountain WIMK 93.1 adds Kingsford-Escanaba /

MI Ishpeming WMQT 107.5 with Marquette, still "Q-107" (see also "Deletions")
 MN Moorhead KVDX-FM 99.9 adds Fargo ND, still "K-100"
 MS Biloxi WQID 93.7 adds Gulfport-Pascagoula
 NV Boulder City KRRI 105.5 adds Las Vegas
 WA Bellevue KLSY-FM 92.5 adds Seattle
 WA Bremerton KHIT 106.9 adds Seattle-Tacoma-Everett- Bellevue; "K-Hits 107" (strict)
 WA Cheney KEYF-FM 101.1 adds Spokane, m music, not known whether stereo or not
 WA Seattle KMPS-FM 94.1 adds Tacoma and a third city, "rotating among Burton, Monroe, Issaquah, Kirkland, Bothell, Bremerton, Everett, Kent, Bellevue, Poulsbo, Port Orchard and Renton—and sometimes just Seattle-Tacoma"
 WI Washburn BWBA 105.9 adds Ashland-Bayfield

Readers' Reports and FM News

Stations like WBUS Newnan GA may get a boost from a recent FCC plan to scrap the current system of FM station classes. Thus, a class A station could increase its power above 3 kw, and only have to worry about any interference caused to area stations—not about having to adhere to any power maximum. The FCC proposed allowing any class of station on any channel; FCC was soliciting comments on Docket MM 86-144 in June; I'll let you know of any action on this.
 A "concise history of Muzak" was sent in by Dave Alpert, saying "Muzak makes concessions to current trends: Funk guitars now cut in on certain numbers, clarinets don't. Strings are out, replaced by keyboards and synthesizers." Article does not discuss Muzak's new foreground service. Dave is one of many who wrote his appreciation of the new "FM Atlas."
 From "SCA: Radio Subcarrier Report" is news that NH will use SCA to warn of nuclear disasters, through the Blaupunkt-ARI system at WOKQ 97.5 "a 50,000 watt station that blankets the state."

"Some of the nonIDs in the June VUD seem highly questionable, especially those claimed for Savannah GA. . . . Yesterday I listened to WJCL-FM 96.5 for 45 minutes and never heard 'JL-FM' or any other nonID," writes Nick Lombardi. So eliminate the nonID from WJCL-FM; however, what I wrote for WZAT 102.1 is still true, although they alternate that with other nonIDs. Waldo Bishop points out that the "slogan you hear depends upon the DJ on duty," and he claims this is true for all stations, not just WZAT, which has other slogans: "Coastal Empire," "Hit Radio," "Z-102," "Power Hits," as well as "Hot Rocking Flame Throwing."

Nick wrote a long critique of the new "Atlas," and I'll try to hit upon the high spots. He likes the new maps, but thinks the Canadian one on pp. 88-89 overly cluttered, crowded and confused. He sees no merit in splitting Maryland and grouping WV with that state instead of with VA; and wishes HI were not jammed so close to BC. He wants the "..." suffix brought back to Part II, and misses the secondary coverages, but says: "Now that the band has gotten so congested, it's no longer reasonable to expect reliable, interference-free reception over long distances. I like the way you show 67/92 kHz SCA, but am sorry you elected not to use the new categories (splitting up data into X, Y, Z, and assigning a different code to rock foreground music versus regular background music.) I'm glad you still show 'unknown format' SCA stations; there are still 127 of them in the 10th edition"

Nick doesn't appreciate the opening essay, and says I am "supposed to be writing about FM, not taking self-indulgent potshots at something else. What's this about a proposed FM radio newsletter? I've been a member since 1973, and I think the April VUD is the ONLY one which has not contained your column. It would be interesting to know when the WTFDA started, and when your column commenced. The slick, heavy-duty cover on this edition's Atlas is a welcome return to quality from the cheap, paper bag-like material used last time," although Nick doesn't like the light printing, the poor lining in the book, etc. I sent several pages of proofs back because of poor reproduction of lines, and this cost me about \$48 more printing expense. A new printer was used, Imperial, St. Joseph MI, and if I use them again I'll have to learn to give them darker and more prominent lines on my artwork.
 Waldo Bishop called WJXR 92.1 Macclenny FL and learned they changed their call letters to that "about a year

ago," and they are country. Another slogan for WJIS *88.1 Brandon FL is "Joy in Serving," and it has jazz at 11 p. m. nightly, which is unusual for a Jesus station; does it have stereo? An article he sent from a college student in the local paper decried lack of a real rock radio station in Tallahassee, and he wishes there were an "Album-88," like in Atlanta. WVVS Valdosta is to increase power and may be a factor in the market; the writer claimed it will be "V-89," but I show it as 90.9, which would make it more like "V-91." Waldo sent a colorful ad for No. 1 in the market, WANM 1070 radio. The AM dial position is in small print and emblazoned across the bottom of the ad in large letters "cable 107 FM," so there is a 10-kw AM station that apparently thinks more of being on FM cable than on AM!

Keith Pugh heard WSSH 99.5 Lowell MA and it sounded like a b format to him, with the announcer saying "Boston's Wish." I'd like anyone in the area to check out WSSH's format and see if they are using the BW slogan as a nonID. "I enjoyed all the editorial content in the new book," writes Keith.

Advance word on a possible format and calls change at WUME-FM 95.3 Paoli IN, with Ted Fleischer, "the new programmer," saying they will go b and drop r for a new. NonID expected to be "EZ-95."

A guy who may be even more anti-AM than I am is Walter Kowalczyk, who writes: "The broadcast magazines are just filled with articles on the plight of AM radio and how it must and shall be improved. I anxiously await these to see if someone, anywhere, is going to speak out against AM. Reading such articles both angered and amuses me—anger to see such effort being made to 'improve' a system that was shown to be unimprovable in the '30s, when the effort ought to be directed at improving the radio (FM) art instead; and amusement to think there are 'high class' people so dejected to think AM is on par with FM. They even used the argument, 'remember that AM is radio', which was applied by its proponents to FM years ago when it wasn't doing so well. . . . Perhaps we should all learn Morse Code, and get a few spark transmitters back on the air—for this was truly the root of radio! While we're at it, let's bring back the Model T Ford, ice boxes and icemen to deliver ice for them, etc."

With a different viewpoint, here's Glenn Hauser: "I can't understand why you think it's necessary to keep bashing AM. You act as if any remaining AM station poses a threat to FM. You can't generalize about AM being worthless—I'll listen to FM, AM, or SW of course, depending on what's being modulated! St. Pete Times May 24 Religion section has big story on WBVM (Blessed Virgin Mother), The Voice of Mary', new station on 90.5, directional to protect Orlando 90.7 and a Lakeland station; also one in Haines City, 100 kw, sign on set for 6 a. m. the following Monday. Is only the fourth Catholic O&O station in U. S., transmitter site=channel 13 tower in Riverview." Format 50% music, 50% talk. [I'd like to know type of music they play and if they have stereo—b.e.] Glenn is leaving for Montserrat, and will check on ZGM!

Two New Yorkers respond to the comment that WEZN 99.9 Bridgeport CT be included in the NY FM dial chart. Richard E. Berg-Andersson says it may depend on how high up in a building you live before you get WEZN well. "Here, on the ground floor of a 2-family house in Queens WEZN comes in about as well as WDHX 105.5 Drive NJ on" most radios, but not as good on two others. "Bridgeport is considered part of the metro New York tri-state area, however," but he finds that adjustment of the antenna for best reception of WEZN was more critical than for WDHX. With WRFM becoming WNSR 105.1, he wonders if the suburban stations might take up the slack, particularly stations like WRTN (nostalgia) New Rochelle, WHUD 100.7 Peekskill or WKJY 98.3 Hempstead.

Max Engel, who comments "me on the excellent job" I did in preparing the new FM Atlas, agrees you have to draw the line somewhere and says "I wish to point out that other stations such as WKXW 101.5 Trenton NJ, are also heard here. . . . Speaking of WKXW, which IDs as 'Megastation Kix 101½', they never include the location of the station in the I.D. I listened to WKXW for an hour each morning and an hour each evening driving to and from work. At no time is the city or town location given with the ID. I am going to write to them about this. . . . Hoping to meet you and other members of WTFDA at the convention in Jamestown. Lots of luck in your new home."

Tracy Wood sent an article on the dedication of WFGG *88.3 Fort Gordon GA, and how the FCC has sanctioned it.

It is an army educational station, fully qualified to operate in the 88-92 part of the band reserved for education, and the first in the nation to use these frequencies at an army training facility. Power is back up to 50 watts, temporarily, and a 100-watt unit is on order, and he'd like to see translators listed by call in the Atlas, but does not say he wants the call numbers of the translators given, or a listing of translators by calls of the primary station. Ernie Cooper, while ordering his FM Atlases, said "we now have an FM section in DX News (the National Radio Club) — I'm its editor!" Congrats, and I hope your column is successful! Greg Hardison, at ABC, who is also DX oriented, says "thanks again for your unequalled good work" in doing the "Atlas." David Miskel, with his order for seven books, "Thank you for a very unique and useful handbook. Please keep them coming."

Joining the club is James J. Nahirniak with news from the Detroit area. He reports that both CBEE 88.1 Chatham and CBEG 90.3 Sarnia no longer get out they way they did with their former frequencies. "My guess is that they cut power, which was more than necessary to cover the area between 93.5 London and 1550 AM Windsor with a mono signal." And he says WKSG 102.7 Mount Clemens has announced a new contest, giving away money when they move to their new taller tower, which was to have happened by now.

Another recent club joiner is Jeff Lewis, who says the new Tulsa master FM tower for the Class C stations should be in use about Labor Day. It is located near the Arkansas River (pronounced Ar-kan-saw in Oklahoma; Ar-KAN-zas in Kansas), north of Sand Springs OK. This is expected to cut down on severe cross-modulation that presently exists from the tower sites in downtown Tulsa. The river is pronounced in Kansas like the city is, "Ar-KAN-zas" City, which is home to one of the nation's last 100-watt AM radio stations, KSOK. Fred McCormack heard KUT 90.5 Austin TX, "but they seemed to identify as KUTA." ?—ed. Fred says KKIT East Grand Forks ND has a fine stereo signal where he lives, on its new 104.3 frequency.

One of the Wisconsin Public Radio engineers, Bill Fletcher: "I am looking forward to paging through the new Atlas. As you know, I've subscribed for years and have never been disappointed."

"The overnight jock of NJ Trenton WPST 97.5 told" Paul Mount "the Fort Lee NJ translator is 5 watts, directional AWAY from NYC to serve Bergen County" And he sent a WBRS Waltham newsletter, saying WBRS' move from *91.7 to *100.1 is imminent. He wondered why I should list stations moving frequencies before such moves take place, and for ten-watt stations like WBRS, I assume their coverage and operating hours are so minimal, I'll go ahead and show them with the new facility. As it is, my book is coming out during the early summer when most school stations are off the air, and by the time they return to the air in the fall, my publication and their new operation should coincide. Of course, in the commercial band, there are anomalies, like KHLS Blytheville AR moving to 96.3 and the Indiana frequency shiftings that lasted over several years and just now resolved in favor of the way my book shows.

John M. Adams sent articles on how KCMS and KPQD-FM are trying to improve their service in coastal areas of Washington and Oregon, and the new translators will be fed from a distribution point known as "Kayo Point," between Astoria OR and Tacoma WA. I'll keep you posted on any new translators in the area, as they are granted. On the question of Daylight Saving Time, John heard the Atlantic Time Zone part of Quebec doesn't observe it. In Mexico he claims Baja CA Norte observes PDT in the summer, and thinks much of the rest of the country also observes daylight saving time. WRTVH shows St. Pierre and Miquelon observing UTC-3 (one half hour ahead of Newfoundland Time) the year around, while Rand McNally has it in Atlantic Standard Time.

Robert Grant sent FM news from Detroit and noted that "while putting an old FM converter on a friend's AM car radio I noticed I could hear SCA by tuning off to 67 kHz either side of the carrier of the converter output. I wonder if anyone else has tried this SCA approach?"



Contributors, continued from Next Column:

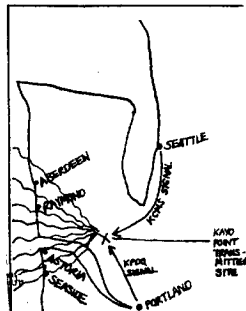
Francisco CA (who sent a story on the KRXXV stations, Mountain Pass and Yermo CA, and how they serve lonely travelers going to Las Vegas. Also: Philip G. Wells, chief engineer, KLZZ-FM San Diego CA; Tracy K. Wood, Hephzibah GA.

Campaign promotes radio

Proposed FM translator routing (see further explanation at bottom of this column and on preceding page)

WCLZ
CLASS 99

Reports, Continued:



Danny Buntin sent some interesting FM news from his area, and I thank him for writing the excellent report on the Onkyo tuner in the May VUD. He says the colors on the cover of my new "Atlas" are the same as the colors of the university in his town (Oklahoma State U.). Bill Nienajadly sent an article on WDHA 105.5, having a "25 year history as the first U. S. station to broadcast in stereo and play rock CDs. Although an AOR station, you won't find any computerized playlists over in Dover."

Another station mystery is the status of WOTW 106.3 Nashua NH. R. H. Perrin claims they went off the air over a year ago, returned briefly as a gospel station, and five months later left the air. "Management bankrupt. Studios have been vandalized. Nashua has tripled in population since 1951. "Odd that WOTW couldn't make it." I'm still listing it as viable; it is probably reverted to a construction permit status. I wouldn't be surprised if it is sold and returns soon to the air. Paul Gaines sent articles on how WJLB 97.9 is gaining in Detroit; it's been No. 1 for a while.

News of new Canada FM grants, without complete information, comes from Saul Chernos. A new 102.9 grant to CKOC in Hamilton and 102.3 in Woodstock. His column should be in this month's VUD.

Also off the air: WKIT 102.5 Hendersonville NC. It's been sold, and new owner wants to put in renovations and up its power; they expect to be off the air for at least six months with no change in call letters. Don't expect to DX them this season!

Bob Gilbert sent hundreds of station logos, and since I have not yet mastered pagination with this computer program, I have no idea where the printing will leave off. So if I have space to fill, I may use his logos!

CONTRIBUTORS THIS ISSUE: Also: Perry L. Lucas, Nashville TN

John M. Adams, Seaside OR (who supplied the map at the top of this column, showing FM translator feed points to the Washington and Oregon coasts); Dave Alpert, ABC, New York NY; Doug Beard, Springville IA; Richard E. Berg-Andersson, New York (Woodside) NY; Waldo F. Bishop, Tallahassee FL; Allen Branch, somewhere on

the east coast (he called and I don't have exact address); Danny Buntin, Stillwater OK; Saul Chernos, Paris ON; Jack Claris, Hendersonville NC; Ernest R. Cooper, Provincetown MA; Tom Cornell, Greentown IN; Ferdinand S. Dombrowski, Jr., Milwaukee WI (who still has an interest in DXing, but spends more time collecting stamps).

Also: John Ebeling, Bloomington MN; Max Engel, New York (Brooklyn) NY; Ted Fleischaker, Louisville KY (who says the new Paoli station is going for the call letters WEZA with b music; he's returned from Expo '86 in Vancouver and supplied some of the FM news from that province).

As well, Bill Fletcher, Madison WI; Paul L. Gaines, Detroit MI, who saw a bumper sticker: "[heart symbol] my FM - 1960" (?); Bob Gilbert, Auburn ME, inveterate station logo collector; Robert Grant, Detroit MI; Greg Hardison, Panorama City CA; Larry Hart, Inglewood CA; Glenn Hauser, Fort Lauderdale FL (who says WTMI Miami translators never put on the air; instead, they built their main tower farther north; however, I show the translators as cp's and they could still come on; one permit is very recent—for Naples FL 96.7).

And, Stanley P. Haupt, Lehighton PA, who sent an SCA demo tape from his area; Charles N. Hubbell, Kenmore NY (who is a nonDXer, claiming, "even under ideal conditions, regular FM reception is limited to about 75 miles FM radio may be fine for people living in the cities, but for people in the 'boondocks' For FM radio range is extremely limited for people in a car. With a probable range of thirty miles, this means changing stations every sixty miles. When driving a car, dynamic range is an absolute waste of time. Many FM stations seem to limit their dynamic range apparently to cater to car drivers and thus lose the home listener. With an AM radio, one can almost always plug it in and forget about it. In most cases, an outside AM antenna is a waste and may actually result in poorer reception. With an FM radio, an outside antenna always results in better reception and the antenna position must be changed to receive all stations.")

More contributors: Walter Kowalczyk, North Huntingdon PA; Robert Lange, Parksley VA (on the peninsula below Maryland; he gets two, soon three, local FM stations; even Norfolk is not reliable, since they seem to use directional antennae and send the signals away from the ocean and the part of VA where he lives); Jeff Lewis, Tulsa OK; Nick Lombardi, Atlanta GA; Rev. Charles T. Manning, Geneseo NY (who is interested in the WTFDA and may attend the convention in Jamestown); Ronald E. Marland, Los Gatos CA (who works with FM translators and "appreciates" my Atlas); Mac Marzke, general manager, WHUH Houghton MI; Mike Marzullo, somewhere in the state of WA; Harry Maynard, % Armstrong Memorial Research Foundation, New York NY; Fred McCormack, Fargo ND; David W. Misk, Xenia OH; Paul R. Mount, Teaneck NJ; James J. Nahirniak, Warren MI; David J. Nieman, Akron NY; Bill Nienajadly, Clifton NJ; Peter A. Nolan, Houston TX; Alan Pajin, St. Johns PQ; R. H. Perrin, Wells ME; Adrian M. Peterson, Marion IN; Joseph F. Provost, New York (Bronx) NY.

Finally, Keith Pugh, New Hope AL; Richard Reese, Jersey Shore PA; Peter V. Taylor, San

July, 1986

TELEVISION NEWS

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

APPLICATIONS FOR NEW TELEVISION STATIONS	
CH	ERP HAAT STATE/CITY/APPLICANT
18	5000 274 KS Salina; Christopher Gault
39	2000 22/76 NV Paradise; Pollack Broadcasting
40	1000 750 OH Toledo; Camora Broadcasting
40	2400 735 OH Toledo; Dominion Broadcasting
40	5000 1000 OH Toledo; Malendowski Partnershp
40	5000 1050 OH Toledo; Wade Mitchell
40	5000 801 OH Toledo; New Life Evangelistic Center Inc.
40	5000 1533 OH Toledo; Priscilla L. Schwier
40	1000 380 OH Michael Thurman (Amazing! His data is identical to Paul T. Lambert's original application for this channel!)
58	5000 978 FL Bunnell; Bunnell Broadcasting
58	4624 1613 FL Bunnell; Bunnell Communic'ns
58	2000 509 FL Bunnell; Pollack Broadcasting
58	1000 493 FL Bunnell; Glenda McLeod
58	840 626 FL Bunnell; Bunnell Television Co
24	1000 1733 MT Butte; Robin C. Brandt
21	960 590 MN Duluth; Robin C. Brandt
68	5000 1900 VA Grundy; Crescendo Communications (reinstated)
55	5000 982 VA Norfolk; Community ETV Inc.
62	5000 2000 TX Killeen; Excelsior Communic's
62	5000 1850 TX Killeen; Aida Barrera
35	5000 1970 NC Jacksonville; James Capers Jr.
8	316 1964 NC Morehead City; James E. Carson (amended)
36	1480 895 PR Bayamon; Bayamon Christian Net
44	2797 1251 OK Okmulgee; Brewer Communicat'ns
69	1000 922 IN Indianapolis; Kingdom of God Ministries Inc.
40	1000 3101 WV Bluefield; Berton Mowers
40	1000 3011 WV Bluefield; Paul Lambert Ltd.

APPLICATIONS DISMISSED	
NV	Las Vegas; ch. 33; M.W.D. Inc. (failure to prosecute application); El Sol Broadcasting.
LA	New Orleans; ch. 49; Mandeville Communications Company (settlement agreement).
SC	Charleston; ch. 36; First Equimedia Ltd. (at its request).
WA	Bellingham; ch. 64; Bellingham Television Associates Ltd. (Review Board, upholding initial decision).
CO	Fort Collins; ch. 22; Fort Collins Telecasters (Review Board, upholding initial decision).
TN	Knoxville; ch. 8; Tennessee Telecorp Inc.; Citizens Community Television Inc.; Community Broadcasters of Knoxville Inc.; East Tennessee Broadcasting; HSS Inc.; Knoxville Broadcasting Corporation; Knoxville Tennessee TV Inc.; Le Conte Broadcasting; Tennessee Telecasting Inc.; Knoxmedia Inc.; Edward M. Johnson (specified Maryville).
MS	Holly Springs; ch. 40; Mid South Broadcasting (summary decision).
MS	McComb; ch. 28; Southwest Communications; Commonwealth Venture Systems Inc. (summary decision).

TX	Baytown; ch. 57; Neil L. Sanders
AZ	Tolleson; ch. 51; Schulze-Wagner Partnership.
CO	Steamboat Springs; ch. 24; First Communications Group (failed to prosecute application).
FL	Orlando; ch. 27; Sanford Seminole Television Network.
LA	New Orleans; ch. 49; Hispanic Communications Corporation.
GA	Augusta; ch. 54; Independent Masters Ltd. (Review Board, upholding initial dec'n).
NV	Reno; ch. 11; TV Eleven Ltd.
TN	Knoxville; ch. 26; Robert L. Bertram (in contest with renewal of license of WTVK).
FL	Palatka; ch. 63; Pentecostal Revival Association Inc. (initial decision; Palatka Television Inc. was preferred on integration grounds).
VA	Grundy; ch. 68; Crescendo Communications.

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS	
57	5000 981 TX Baytown; Pray Inc. (formerly Villa-Reeve Ltd.)
65	5000 859 VA Ashland; Christian Communications Inc.
64	420 2421 WA Bellingham; Prism Broadcasting Corp. (Review Board, upholding initial decision)
41	735 1153 CO Denver; Colorado Christian College
22	5000 1408 CO Fort Collins; Eagle 22 Ltd. (Review Board, upholding initial decision)
24	5000 2000 CO Steamboat Springs; Constance J. Wodlinger (summary dec'n)
40	5000 1082 MS Holly Springs; Terry Jan King (summary decision)
28	5000 550 MS McComb; McComb TV Ltd. (formerly Southwest Mississippi Television Company)
49	5000 1020 LA New Orleans; Crescent City Communications
54	4517 1121 GA Augusta; Augusta 54 Broadcasting Company (Review Bd, upholding initial decision)
60	925 1093 VA Grundy; Tookland Pentecostal Church
63	5000 983 FL Palatka; Palatka Television Inc. (initial decision)

CONSTRUCTION PERMITS CANCELLED	
IA	Des Moines; KEEH, ch. 63
KS	Hutchinson; KTFJ, ch. 36
FL	Hollywood; WDEM, ch. 69
MT	Missoula; KHSO-TV, ch. 17

CONSTRUCTION PERMITS REINSTATED	
GA	Brunswick; WHJF, ch. 21
TX	Denison; KLBG-TV, ch. 20
TX	Paris; KLPH-TV, ch. 42

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS	
34	156 419 KS Salina; KHCT
46	5000 1948 NC Belmont; WHRU
30	1100 1168 OH Portsmouth; WUXA
8	166 1208 PA Johnstown; WPHX
28	4466 2129 CA Oroville; KCBO
56	1353 1003 IN Gary; WDAI; change to educational station operating on

commercial assignment
 53 1274 653 OH Chillicothe; WWAT
 66 35.8 885 PA Erie; WERG
 45 2500 1440 TX Rosenberg; KXLI-TV

CONSTRUCTION PERMIT MODIFICATIONS GRANTED
 49 4136 1235 NY Buffalo; WNYB-TV
 38 5000 1945 AR Pine Bluff; KJTM-TV
 65 3090 2651 CA San Jose; KJLV-TV
 42 5000 1045 IN Bloomington; WCLJ
 56 4570 1150 KY Danville; WDKV-TV
 54 4395 966 MI Muskegon; WMKT
 26 51.4 933 MO Joplin; KOZJ
 55 5000 731 NY Amsterdam; WOOD
 23 971 992 NY Buffalo; WMBQ-TV

APPLICATIONS FOR CHANGES IN FACILITIES
 4 39.1 180 AK Anchorage; KTVB (CP)
 53 2500 1907 CA Fresno; KAIL (MP)
 3 100 1973 MO Kirksville; KTVO (MP)
 26 1420 600 AL Montgomery; WAIQ (CP, but what happened to their MP to raise ERP from 229 kw to 1259 kw max/1122 kw hor?)
 2 89.1 2153 NV Reno; KTVN (CP)
 13 210 1708 NY Rock Springs; KMWY (CP)
 65 92.8 666 KY Beattyville; WLJC-TV (MP)
 56 26.1 626 PA Hazleton; WMLP-TV (MP)
 50 5000 819 DC Washington; WPTV (CP)
 2 n.c. n.c. TX Midland; KMID-TV (CP to change offset frequency from +10 kHz to -10 kHz, as per recent change in the table of channel assignments)
 22 5000 1675 NC Raleigh; WMLF-TV (CP)

FACILITIES CHANGES GRANTED, ETC.
 AL Montgomery; WAIQ, ch. 26; FCC cancelled CP for change (reported in 12/83 VUD)
 OH Dayton; WKEF, ch. 22; cancelled CP for change (reported in 6/85 VUD)
 NC Lexington; WEJC, ch. 20; granted STA to reduce ERP
 AK Anchorage; KTUU-TV, ch. 2; granted license to cover changes (slightly altered from data reported in 8/85 VUD); 718' AAT/715' AG/830' ASL; coordinates 61°25'22"/149°52'20". I assume 100 kw max is its new ERP.
 CA San Francisco; KOFY-TV, ch. 20; granted license to cover CP for changes (see 12/85 VUD, with call sign KTZO). Operations from new transmitter began 11/11/85.
 CT Hartford; WHCT-TV, ch. 18; granted CP to raise ERP from 186 kw max/158 kw hor to 547 kw max; 652' AAT/279' AG/939' ASL (12' lower); same TL. Not same programming!
 GA Thomasville; WCTV, ch. 6; granted CP to change ERP from 100 kw to 97.5 kw max; 2031' AAT/1960' AG/2188' ASL (1001' higher AAT; 939' higher ASL); TL to Roddenberry Road, 3.5 miles southeast of Metcalf (Az. 88°, 16.06 miles from present TL); coordinates 30°40'13"/83°56'26" (which plots, best I can tell, within half a mile of the state line with Florida). Should mean better reception in Albany and areas east of Valdosta.
 NJ Trenton; WNJT, ch. 52; granted license to cover permit (CP or MP?) for change. ERP raised from 1939 kw max/818 kw hor to 1950 kw max; 889' AAT/932' AG/1004' ASL (for same TL, 1' lower AAT, 58' lower AG

and 45' lower ASL); Signal appears to be somewhat stronger from my location.
 VT Rutland; WVER, ch. 28; granted CP to raise ERP from 40.7 kw to 247 kw max/206 kw hor; 1402' AAT/274' AG/2250' ASL (23' lower); same TL. Better coverage area, but still not all that hot.
 KY Newport; WKIX-TV, ch. 19; granted license to cover CP for change; see 11/85 VUD (listed as Cincinnati, OH. Evidently the station is licensed to Newport, but more often associated with the larger community of Cincinnati, where the big bucks are.)
 TN Knoxville; WTVK, ch. 26; granted CP to change to channel 8, beating out several applicants for that new channel. 316 kw max; 1272' AAT/1034' AG/2292' ASL; same TL and antenna height. Although it will be changing from the maximum allowable UHF ERP of 5000 kw to the maximum allowable VHF ERP, the fact that it is changing to the VHF band will eliminate the difficulties often found in the UHF band.
 OH Akron; WBNX-TV, ch. 55; granted MP (probably to adjust CP to fit as-built facilities since the station is now on the air); 2290 kw max ERP; 582' AAT/397' AG/1566' ASL.
 AL Pualoosa; WDBB, ch. 17; granted license to cover CP for changes; see 8/85 VUD.
 MD Baltimore; WBEF, ch. 45; granted STA to operate at reduced power during repairs; also granted MP to reduce ERP from 3925 kw (as licensed) to 1589 kw max; 1056' AAT/1039' AG/1329' ASL (160' higher AAT, but only 80' higher ASL); TL to 0.24 mile NNW of intersection of Hooper Avenue and 41st Street in Baltimore; coordinates 39°20'10"/76°38'59" (Az. 59°, or ENW, 6.56 miles from present TL).
 NJ Paterson; WXTV, ch. 41; granted STA to operate at 50% power during repairs.
 NY Poughkeepsie; WBYB, ch. 54; granted STA to operate at 50% power during repairs.
 OK Sayre; KVIJ-TV, ch. 8; granted license to cover CP for change from 26.3 kw to 79.4 kw max; 580' AAT/629' AG/2749' ASL (18' lower); same TL.
 TN Chattanooga; WTCI, ch. 45; granted STA to operate at reduced power during repairs.
 MO Kirksville; KTVO, ch. 3; granted MP to change antenna height to 1973' AAT/1937' AG/2685' ASL (991' higher AAT; 671' higher ASL); TL to 5.5 miles north of Knox City on Missouri State Route V (in Colony, MO, northeastern Knox County); coordinates 40°13'32"/92°00'54" (23.66 miles, Az. 152° (SSE) from present TL). This should stretch their coverage area to Quincy IL, Hannibal MO, Burlington IA, and even reach a clear signal to our DX'ers in Macomb, IL, if not clear already.
 NY Buffalo; WNEB-TV, ch. 17; granted MP to raise ERP from 1150 kw max/910 kw hor to 2500 kw max; 1076' AAT/1119' AG/1663' ASL (356' higher AAT/318' higher ASL); TL to 0.6 mile NNE of intersection of Whitehaven and Harvey Roads, Grand Island; coordinates 43°01'48"/78°55'15" (Az. 337°, or NNW, 5.71 miles from present TL). This TL is the same TL proposed in the new MP for WNEB-TV, ch. 23.

CALL LETTERS GRANTED: NEW STATIONS
 CH C.L. STATE/CITY/APPLICANT
 65 WRWB FL Orlando; Rainbow Broadcasting
 2 KDTN TX Denton; North Texas Public Bc'g
 22 WFGS-TV FL Panama City; Board of Regents of Florida, Acting For & On Behalf of Florida State Univ'ty
 57 KRTW TX Baytown; Pray, Inc.
 65 WZKX VA Ashland; Christian Communications Inc.
 51 WEXT-TV KY Pikeville; MHPB
 54 WTLJ MI Muskegon; WMKT

CALL LETTERS GRANTED: STATIONS ON THE AIR
 28 WBRG-TV PA Wilkes Barre; WBRB
 63 WVRN-TV VA Richmond; WTLJ
 32 WFLD IL Chicago; WFLD-TV
 26 KRIV TX Houston; KRIV-TV
 24 WNCW-TV OH Toledo; WDCO-TV

PROJECTED AIR DATES
 TX Odessa; KPEJ-TV, ch. 24: 6/1/86
 WI Madison; WMSN-TV, ch. 47: June, 1986
 DE Wilmington; WGI-TV, ch. 61: Now don't laugh; this isn't funny anymore. I've been waiting for this station to come on the air for months now, and John Zeis tells me that they told him "no later than July 21." Did they say 1986?

NEW STATIONS ON THE AIR
 WY Rawlins; KRMY, ch. 11-, went on the air 4/16/86, bumping off KLIPJ; 6.14 kw ERP; -13' AAT/232' AG/6974' ASL; coordinates 41°46'15"/107°14'25"; TL 419 W. Cedar St., Rawlins; supposed to be a satellite of KXMY-TV, ch. 20, but to the best of my knowledge that station is not yet on the air. I haven't heard anything on network affiliation of these two stations, but the area suffers badly from lack of NBC coverage, except for translators. Address: Rawlins Broadcasting Corp., 7020 Saltcreek Drive, Box 5, Casper, WY, 82601.
 NC Lexington; WEJC, ch. 20z, went on the air 4/16/86; 4616 kw max ERP; 975' AAT/938' AG/1758' ASL; TL on WGLD(FM) transmitter site, west of Rte 220, Pleasant Garden, NC; coordinates 35°58'09"/79°49'29"; independent station; address: Koinonia Broadcasting Inc., Box 2020, Lexington, NC, 27292.
 HI Honolulu; KBFD-TV, ch. 32z, went on the air 3/7/86; 146 kw max ERP; 424' AAT/390' AG/413' ASL; TL to 1188 Bishop Street; coordinates 21°18'49"/157°51'43" (on or close to tower proposed for KNSC-TV, ch. 14); address: Allen Broadcasting Corp., 1188 Bishop Street, PH-1, Honolulu, HI, 96813. Independent station.

FORUM
 George Mileon sent me a few letters with articles during the past month. In an earlier letter he wrote that WJTV, ch. 66 in Marlborough, MA, had been doing so poorly in its ratings with solid video music that it went to syndicated programs during the evening hours. Also, that the station signed off at midnight instead of staying on all night. But in the most recent letter he included this article from the 6/3/86 Boston Globe. "WJTV-TV, Channel 66, went back to a music video format last night, as the station's experiment in local

programming failed to generate the ratings power necessary to sustain 'Boston Tonight' and 'Boston Sportsbeat.' About 30 people working on the two programs were laid off. According to Arnie Ginsburg, general manager of Channel 66, 'The ratings were not significant enough to carry the programs into the summer season.' Channel 66 executives were hoping for at least a 1 rating and had estimated that a 2 was necessary to turn a profit. But in the recently completed May sweeps, the station received mostly hash marks, representative of an audience too small to measure - under 10,000 households." "With the advertising tied to the ratings, it became too expensive to do these shows. Perhaps we've established ourselves so much as the video station that it might have made it more difficult for us to do other kinds of programming." Maybe they're too busy trying to establish themselves as a Boston station. A few articles deal with the sale of several Boston television stations. The 5/13 Boston Globe's business section looks at two sides to owning a television station. It mentions the common statement in the broadcasting industry, that owning a broadcast license is tantamount to owning a license to print money. But the other side of the story is that there are so many television stations on the air today that competition for advertising dollars and syndicated programs is so fierce that there are great risks in owning a station license. For sale are: WSBK-TV, a leader in the Boston market, for \$150 million. WXNE-TV, ch. 25, with good syndicated programs but no sports coverage, is up for \$50 million. Alas, poor WQTV, ch. 68, with weak signal, worn-out programs and low ratings, failing to reach even one percent of the viewing audience, is for sale at a cheap \$10 million. WSBK-38 is for sale because its owner, Storer Communications, ran up a huge debt to block a hostile takeover bid. Christian Broadcasting Network is selling WXNE-25, as well as other of its stations, in order to get out of the broadcasting business and concentrate on its cable operations. The 5/22 Globe reported that Lorimar Telepictures purchased WSBK-38, along with four other stations, from Storer. Sources say Storer got close to its price. The Christian Science Monitor bought WQTV-68 for \$75 million, its first television station. It plans to eventually create a news and public affairs program. The news program would be more issue and trend oriented, and would be the home base for syndication. The station also expects to be more competitive in bidding for syndicated programs. Donald O. Marshall, who has worked at KRTV, ch. 3 in Great Falls, MT, gives more information about K78AH, which was mentioned in the May VUD. "I have worked here for 9 years. K78AH has been translating our signal since I've been here and according to our chief years before that. KRTV built its own translator a couple of years ago. On channel 48 (K48AT). Due to some technical problems with channel 48 we were on both channel 48-78 for some years. Now that the problems with channel 48 have been corrected we're only on channel

48 now. K78AH now has PBS on. K78AH and K48AI are both on top of the Sweetgrass Hills. I believe the top is about 7,999 feet. K48AI uses a 1 kw transmitter and about 11,000 watts ERP. It serves northern MT and parts of southern Alberta. K48AI gets out pretty far. If anybody sees NBC or CBS on channel 48 or Great Falls commercials please let us know. We ID the translators four times a day twice in the morning and twice in the afternoon.

Michael Parks writes, "KTMA-23 has been sold." That KTMA-TV, Minneapolis, MN. "KTMA's owner, United Cable Television Corp., of Denver, was offered almost \$11 million... by K-Twin Communications, even though it has failed to show up in local meetings surveys. K-Twin is the company that has programmed the station with jazz and pop music videos since it went on the selling block last September." "United Cable...accepted the bid of Atlanta Television Associates...for about \$12 million. The Atlanta company is headed by Ed Herlihy...general manager of Atlanta's WATL-TV until it was sold last summer." "Herlihy...apparently plans to structure KTMA to go head-to-head with KMSF-9, KITN-29, and KXII-41. He has bought some old Paramount movies and is negotiating with distributors to buy other syndicated programs. According to reports circulating among Twin Cities TV stations, he has been telling people that he will take control of KTMA in July." "The present format leaves a lot to be desired. I got more enjoyment out of watching their suppressed sync stripe whip back and forth across the screen."

"KPTM-42 in Omaha is on the air. I haven't seen them yet, but I just got the Nebraska Edition of last week's TV Guide and they are listed. Their ads claim that they are broadcasting in stereo. It also reads, 'How to tune channel 42: Turn your VHF dial to UHF, and turn your UHF dial to 42.' How informative! What if you're unfortunate enough to have one of those 'old-fashioned' TV's with those 10 numbered push buttons?" "They are another typical indie with syndicated re-runs and movies. I have included their schedule..." The schedule includes ten solid hours of Cinema 42 on Sundays. No news programs or sports. None of the satellite-fed syndicated programs. The only current syndicated programs are Carson's Classics, lots of cartoons, and two weekly religious programs. The rest are old network programs.

"WGBA-26, Green Bay, sometimes lists four xlters along with their ID. It's too weak to make out the calls or locations though. Do you know anything about these?" Nothing. Maybe Bill Draeb or Nate Ely can help out on that. "Max Engel asked about the channel 17 'Great Entertainer' logo on the March 1986 cover. That's KGBR (now KDSM) in Des Moines. I haven't seen them since they changed calls so I don't know if they still use that phrase or not."

Local notes from Robert Grant in Detroit. (You know, maybe I should identify where some of these reporters are from.) WJBK-TV, ch. 2 has been sold, but no changes are planned. WGRN-TV, ch. 62 is on sale for \$11 million.

"The station has never made a mark on the market." (Why should they? That's German money!) "...and the leader of the group that owns it has died, sending the question of who runs it into a shambles." Robert reports that WAQP, ch. 49 in Saginaw, MI, is on the air with religious programs. WHTT, ch. 31 in Ann Arbor, MI, is no longer STV, but now has Dr. Gene Scott instead. WBNX-TV, ch. 55 in Akron, OH, is on with "old programming and plain still graphics. The least equipped of the area's independents." I assume you mean no computer-generated logo's floating across the screen. "NE Ohio UHF's are asking viewers to poster cable companies into carrying them, apparently the 3 network VHF's are the only non-satellite stations being carried by cable systems in the Cleveland area." Stereo audio reported by Robert: WKYC-3, WDIV-4, WTOL-11, WOIO-19, and WHOL-38. Robert also reports that "VEA-52" means more specifically "see 52" rather than "look at 52."

Also, some information Robert gathered from a Mexican newspaper in the local library. Televisa ch. 8 network is no more, being replaced by XEQ ch. 9 network. The government run IMVISION has two commercial networks: 7 and 13, and educational 22 in D.F. only. Educational 11 is run by the National Polytechnical Institute and something called "S.E.P." The word "RED" is replacing the word "CADENA" (chain). Satellite antenna dealers are selling the Videocipher II, not yet available in the United States. Robert saw plenty of BETA VCR advertisements, but no VHS, suggesting that maybe BETA is the predominant VCR format in Mexico. Mexico City Cablevision carries ABC, CBS and NBC, according to advertisements that are still written in Spanish. Are they dubbing American network programs into Spanish, or are they airing them in English?

Bill Draeb of Kewaunee, WI, clarifies that WSCO, ch. 14 in Suring, WI, is operating at 30-40% of its authorized 200 kw ERP, not of the maximum power allowed for UHF-TV. "This was a month or so ago when their klystron tube was giving them problems with an internal short. They now have a new one installed and are back up to 200 kw again. It amazes me how they keep that station on the air. They say they need \$15,000 a month for operating expenses to continue their present hourly schedule.... Yet on their semiannual 'shareathons' they raise anywhere from 1/3 to 1/2 of that for operating (per month.)" "One viewer asked how the station could stay on without meeting its anticipated pledge goals. The station manager who read the letter said that 'God has provided' to make up the deficit. Now, I'm sure he did but why can't he say exactly where the extra funds came from? Either they have enough to operate with or the \$15,000 a month operating budget is inflated." Most likely the rest of the money comes from advertising, or from religious broadcasters paying to have their programs aired. Maybe the station rents out its facilities or equipment.

"Local WNGZ-32 is broadcasting with stereo audio. The first station in the area that I

know of who has started. Also, on p. 20 of the VUD in your column I noticed an error. In the statistics for WDKY-56 Danville KY I see their xmtr is supposed to be 1.75 miles south of Orion IL? Orion IL is near Rock Island IL and I would suspect the statistics you have are for KJLB-18 in Moline Ill." Yes, you're right, except that KJLB is Davenport, IA. The correct data for WDKY-TV is as follows: 4570 kw max ERP; 1150' AAT/1043' AG/1988' ASL; TL approximately 3 miles southeast of High Beidge at the bend in Kentucky River; coordinates 37°47'18"/84°40'49".

Lots of local news from Frank Aden in Boise ID. There has been no news at all in the past year about KWIP, ch. 14 in Boise, ever since the Idaho Statesman carried an article about a dispute over who owns the construction permit. Channel 9 in Caldwell ID owners have changed their name from Canyon Communications to TRC Communications, and are about ready to begin construction on Deer Point. "If so, why hasn't there been a call announced for them?" Because Cascade Broadcasting took their opposition to the CP grant to the FCC Review Board, which backed up the initial decision last fall. Cascade still has the option of appealing to the FCC itself. "They are supposed to be planning a religious and Hispanic format."

On KMCV, ch. 20 in Idaho Falls, "a FCC release appeared that ch. 20 was dismissed but a few weeks later a change of facilities was granted to the application. When the first release appeared on ch. 20 I called the owner, Matlock Communications (a Boise based publishing co.) but they refused to give out any information on KMCV... (even after I told them this information has to be in their public file.) Looking up from my records, I find that the FCC did dismiss Matlock's application on February 15, 1985. Evidently it was reinstated, because a construction permit was granted a few months later. I don't see any indication of a change in facilities, however."

"KWTV ch. 11, Twin Falls is now CBS."

"Ch. 35, (offset ?), is an application by Ambassador Media Corp." There is no ch 35 assignment that I see in Idaho; That application is probably to add 35 in Twin Falls to the table of assignments. They probably want to construct a satellite of KPVI, ch. 6 in Pocatello.

LPTV news: "Boise has one on the air, K47EB with 1kw & is a sat. of Trinity. It came on just a few weeks ago & caught everybody off guard as I never even saw an application for it." "Burley, last year the Idaho Statesman ran a story about the LPTV for channel 2 to be called 'TV2'. I wrote the Burley Chamber of Commerce to see if there had been any developments & they report no news on any of the LPTVs. They are obviously upset over not being able to give any details on the ch. 2 LPTV as the people behind it can not be located. I wonder if it has been deleted? Letters to the CoCos in Council, Grangeville, Montpelier, & Osburn have been sent & so far no answers." Maybe you should tell them you have friends in those towns who are regist-

ered voters. "Robert Williams has not reported seeing any new LPTV's so far in Twin Falls."

"MOUNTAIN TV NETWORK - I believe this is owned by Matlock Communications.... I base my assumption on the article that appeared in the Idaho Statesman last year about the dispute on KWIP. It said Matlock is planning to use Ch. 14 as the key station in a regional network with other full power stations in ID, OR & MT connected by microwave with smaller repeater stations in the smaller towns." I do not know of any ownership connection between the two, but Matlock had applied for several stations. He lost out in Cedar City and Logan UT, but won CPs in La Grande, OR (KMHO-16) and Vernal UT (KOFT-6). He also won in Spokane, WA, but that CP was cancelled when he took too long building the station.

"Your WTPDA TRANSLATOR-LPTV LIST shows a translator for ch. 66, K66CL, sat. of WDLI, I do not have any listing for WDLI but suspect it is a PTL or other type main station." Correct. WDLI, ch. 17 in Canton, OH, is part of the PTL network.

"The translators in Garden Valley & Fairfield ID are on the air as with K13ST in Boise (transmitter is on a downtown bldg.)" "K61CL Vancouver WA (FCC told me it is licensed to Camas WA) is a sat. of PTL." "One of the local broadcast engineers I get a lot of news from insists that all translators above ch. 69 were to be moved to lower channels yet I see in the WTPDA TRANSLATOR-LPTV STATION LIST that original channels 70+ are allowed to stay where they are." They are allowed to stay there since they are grandfathered, but the FCC has been encouraging them to drop down to the lower channels. Of course once they drop down, they are in danger of getting wiped out when a broadcast station comes on the air. Many translators have taken the dive, but others haven't. In some cases there are no available channels for them to switch to.

John F. Zeis (Sixton PA) writes, "WTVE ch.51 Reading: saw a promo 2 June indicating improved programming and technical facilities (cp for 300 foot height increase) coming soon. Mentioned possibility of some off the air periods. Since the STV barker has been dropped, I assumed STV operations will end. However, a call to the station indicated STV will continue, but there will be more hours of unscrambled programming. WSCI ch 61 Wilmington: no sign of testing yet. Called station and was told operations will begin no later than 21 July. Statement was 'Everything in place, but must be checked out'. Baltimore: WKJL ch.24 has replaced WNUV ch.54 as the strongest UHF signal here. Always watchable and often snow free. Signal usually about 3-6 dB better than WNUV. Somewhat surprising since the ch. 24 ant is mounted about 75 feet below the ch 54 ant on the south side of the tower. Also the ch.24 ERP is lower, 1320 kw vs 4645 kw." They are about the same here. "Chs 45 and 67 are much weaker. Do not understand 45's planned change. Moving from the UHF to the VHF antenna farm with reduced power and tower height."

"Allentown ch 26 translator: called WNAF for info. Chief engineer Bernie Hyzimski told me the antenna is mounted on the WLVT (ch 39) tower on South Mt. TPO is 100w. An omnidirectional antenna was being used until June 2, the day before I called. Now using a directional ant with peak lobe at 345° providing an ERP of about 2 kw. Other lobes are at 30° and 300°. In my direction (1970) ERP is about 500w, down about 3 dB from the previous pattern. A watchable picture is received here (38 mi range) but often subject to CGT from WETA, Washington."

"Newark DE ch 14 translator: concur with your observation of stronger signal, compared to ch 61. At my location change is from weak sync bars to a snowy but usable picture. Never did receive an identifiable picture on ch 61."

From Patrick Durkin, "Since you've mentioned our local UHF independent station, KXLI-41, often in your column, I thought you might be interested in the enclosed article...." The article, from the 5/19/86 Minneapolis Star & Tribune discussed mainly N. Walter Goins, the president and owner of KXLI-TV in St. Cloud. But there is information about the station also. "Channel 41 programs are directed to viewers in Stearns, Sherburne and Benton counties. It also beams into the Twin Cities market, and some of its programs are carried on cable TV locally and in other parts of the state. He signed the station on the air in November 1982." "Stearns County is the home base, but KXLI's transmitter is in Big Lake, in Sherburne County, about halfway between St. Cloud and Minneapolis. Some critics call KXLI's broadcasting concept counterprogramming." "During the past season, Channel 41 carried a heavy schedule of collegiate basketball to counter high-budget shows aired by the competition." "Channel 41 also broadcasts a heavy dose of agribusiness news. Goins says there's an audience for it." "We take a very specific interest in trying to put out the news every night from St. Cloud - at least Monday through Friday - at 10 p.m. that has a segment that deals with agribusiness." With that strategy Goins expects to attract viewers in WCCO's and KSTP's stronghold and those of the revised and surging WUSA Channel 11. He knows that channels 4 and 5, in particular, pose threats in his main viewing markets." "While Stanley Hubbard, president of Hubbard Broadcasting, lauds his former employee's efforts at Channel 41, he foresees 'an uphill battle' for the operation. 'It's born to lose,' Hubbard said. 'The majors have 80 or 90 percent of the market and he's on the fringe of the market.' To add to channel 41's shortcomings, Hubbard said, 'It's a UHF station in a market not ideally suited for UHF.' He said UHF stations have limited range and that they perform better in flat areas without hills and foliage to impede the signal. KXLI's viewing audience has been up and down at times, but overall, Goins said, he is satisfied with its share." "During the January rating period, Goins said KXLI had about a 2 percent share. In February, he said, it dipped below what the ratings

systems call the 'reportable standard.' It's OK; we can make a living on that," he said. "Channel 41 has developed a very loyal following and it has always been our contention that our audience estimates have always been underreported." "He is building a station in Rochester, KXLI Channel 47, which he hopes to have operating by the end of August."

I see my typewriter is starting to act up again after I spent all that money getting it fixed. I guess I'll have to get used to typing with one side of the typewriter propped up on a book.

A day after Patrick Durkin's letter, I received this letter from John DeJong: "Since KXLI is mentioned once in a while in your...column, I thought you might be interested in this." Enclosed was the same article.

Jim Korn sent an article from the 5/9/86 whatever, written by local columnist Bill Mann, about KTSF-TV, ch. 26 in San Francisco. "You could make a pretty good case that KTSF-TV is the most interesting TV station in the Bay Area. For one thing, KTSF is the only station here owned by a woman. (Peninsula resident Lillian Howell, heiress to an arc-welding fortune, of all things). And though KTSF is one of the nine largest Nielsen-rated stations, you may not have heard of it - unless you're Asian. Plus, Channel 26 is no longer a subscription-TV (or STV) station, with scrambled, often risqué movies. That abortive experiment ended about 18 months ago, says KTSF general manager Brian Holton. Holton, who's not Asian, nonetheless could easily be a promoter for the Asian community. 'This station started in 1976, and Ms. Howell's license to 'serve those not served,' especially children, women, and Asians.' Especially Asians - KTSF does all the native-language Asian programming done locally (sic). 'We do 19 hours a week of Chinese language shows,' explains Holton, '12 hours of Japanese, 6.5 hours in Korean, 1.5 hours in Tagalog (Filipino), and an hour in Asian Indian. We don't have any Vietnamese shows yet, but we're working on it,' says Holton....'On any given day,' he explains, 'I could be on the phone to four or more different Asian countries trying to make deals.' "KTSF operations manager Mike Sherman says that population studies show '11 percent of the nine-county Bay Area population is now Asian: By the year 2000, that will jump to 17.4 percent. A number of immigrants will come from Hong Kong when it becomes part of mainland China,' adds Holton...." "It's a hard sell," Holton admits. "Nielsen says they won't put a meter in a non-English-speaking home, that it costs too much. So you can imagine how much higher our ratings would be than they already are if they metered Asian-speaking homes." "Channel 26's STV experiment was a 'disaster,' says Sherman. 'Our owner would come in and screen some of the soft-porn movies we were going to air, and she'd be horrified. Now we're making it clear we're only interested in family-oriented programming. But we still are trying to shake our STV image. None of our programming is scrambled now,' he stresses. "One thing I've

always wondered about Channel 26: Why the Chinese subtitles on Chinese-language shows? 'Good question,' says Sherman smiling. 'Sixty percent of our Chinese viewers speak Cantonese, the rest Mandarin. So we have to subtitle for each.'"

John Combs writes, "Good job on the 2-6 lists. Is that the first installment of your proposed station list? I wish the club would forget about the hassle over the stupid maps and just publish a good station list without maps." I have the United States list almost completed on a computerized spreadsheet. Then I plan to get on with the Canadian list and the rest of the North American countries. But I'm not making any commitments until I know I can produce. Also, he asks, "Is there any way of knowing 'officially' when an existing station switches over to new facilities?? I often see CPs in your column for new xmr sites, and it'd be nice to know just when I should update the coordinates in my data base to reflect the change." There is no way that I know of to tell when every station makes a change, but certain ways are (1) when a station promotes a change, (2) when there is a definite change in the received signal reported by a member, or (3) when the station is granted a license to cover a construction permit for change. Those are the only ways I know of, and I was surprised, when I received a data base list from Larry Fuss, how many of those construction permits have died out, and how many of them have been licensed for several years. That's one reason I printed the partial station list for channels 2-6 a few months ago.

Tom Yingling sent an article from the 5/29 Baltimore Sun. A.S. Abell Company, owner of WMAR-TV in Baltimore, is selling the station to Times Mirror Company, along with WRLM, ch. 35 in Richmond, VA. "Channel 2 has been the third-rated station in Baltimore in most important programming areas for more than a decade. It has consistently trailed its competition at WJZ and WBAL in local news ratings, the key profit center for any local TV operation. That failure led to the station being dropped by its original network partner, CBS, in 1981. But Channel 2 has made significant improvement in recent months, especially with its 5 p.m. newscast and its late-evening and late-night programming. The station has also benefited from the ascension of NBC in prime time." Back in 1981 the story was that CBS dropped WMAR-2 because WMAR frequently pre-empted network programs for Baltimore Orioles games, fund-raisers, and local interest programming. But it's ironic, that WMAR was left "cursed" with NBC affiliation back then, and now NBC is at the top.

Also from Tom, the 3/30 News American gives a picture of independent television in Baltimore. "Once upon a time (from 1971 to 1982), Baltimore had just one major TV station not affiliated with one of the big-three networks: WBFF, Channel 45. Capt. Chesapeake, tired reruns, and an air conditioner that hummed loudly during news broadcasts were fixtures at the station, notable for its lackluster image. Until 1985, that is, when

it spiffed up its graphics and began to improve its programming. In 1982, WNUV (Channel 54) joined the action with free daytime programming and an evening Super TV pay service. WKJL (Channel 24) tossed its, er, antenna into the ring last December. Beginning Tuesday, the field crowds further as Channel 54 shuts down its ailing subscription service, adding 'free' evening programming. As these stations flex their programming muscles and dig into their pockets to buy shows they hope will draw viewers, the stage is being set for a dilly of a battle for ratings - and ad dollars." "But can Baltimore support three independent TV stations? 'Yes,' says Bill Dillon, vice president and director of media services at Lisner & Associates advertising Agency. 'There are three and four independents in most of the big markets now.' "WKJL went on the air on Christmas Eve, 1985. Originally intended to broadcast only religious programming, the station had been in the planning stages for the better part of a decade. In the late '70s a broadcast license (sic) granted to a group called Jesus Lives Inc. and later transferred to Look and Live Ministry. Neither group could come up with the money to put the station on the air, so the license (sic) was sold again, to Family Media Group...." "Family Media is marketing WKJL as a totally commercial operation, though the station has a number of religious shows (and religious commercials) and plans to increase its gospel fare in the future." "There's no doubt that increased competition has drawn quick response from WBFF. Robert L. Simmons, vice president of sales, downplays the idea that WBFF is reacting to the competitors, but admits that his station began a major improvement campaign last fall. W.R. McIntosh sent in a few articles. From the 5/15/86 Los Angeles Times: There have been three lawsuits in the past two years by former sales representatives against KDOC, channel 56 in Anaheim, CA. The suits claim that general manager Michael Volpe had told them to give false and misleading information to prospective sponsors about viewer ratings.

From the 5/10 Times: The Spanish International Communications Corporation was told by an FCC administrative law judge that it had to sell its five television stations. Sale of these stations would resolve accusations that they are under foreign influence and fighting by stockholders over profits and policies. A group led by A. Jerrold Perenchio and including John Gavin, departing ambassador to Mexico, is planning to make a bid for the stations, according to the 5/28 Times.

In the 5/22 Times: Lorimar Telepictures confirmed that it paid \$1.85 billion for six TV stations owned by Storer Communications and one station owned by Wometco Broadcasting in Florida. This will make a total of 12 stations, the maximum allowed by the FCC, to be owned by Lorimar.

The 5/7 Los Angeles Times mentions the fact that there are two foreign-language stations in that area that have been accused of foreign influence. There is KMXZ, ch. 34, the SIN station, and also KSCI, ch. 18 in San

Bernardino, which the Korean-American Free Press had accused of failing to identify the South Korean government as the sponsor of some of its programming.

Lastly, also from the 5/7 Times: Finally it seems as if a fourth commercial television network is going to get off the ground to compete with the big three. Fox has the production facilities of the Twentieth Century Fox Studios, and now has several television stations that cover 22% of the population of the United States. There are also many independent stations around the nation that could affiliate with Fox. One big boon for Fox is the acquisition of Joan Rivers, former substitute for Johnny Carson on the Tonight Show, and who has recently been more popular than Carson on that show. Rivers will be doing a similar late-night talk show to compete directly with Carson. Fox doesn't plan to sign up independent stations for the new program alone. Several hours of other programs will be connected as part of the deal.

Paul Gaines sent in several clippings. One, if you haven't noticed, mentions the new logo for NBC. NBC dumped the big "N" that caused them some embarrassment a few years ago when it was learned that Nebraska Public Television had been using the very same logo, designed for them at a mere fraction of the price NBC paid for theirs. The peacock lost a few feathers, having only six remaining, representing six divisions within the network. The peacock is also looking in the opposite direction.

The 5/23 Detroit Free Press estimates the price of WJBE-TV ch. 2, one of the stations to be purchased by Lorimar, at about .180 to .205 million.

The 5/12 Detroit News mentions that Channel 20 and Channel 50 are both interested in the idea of becoming the local affiliate of the new Fox network. The fourth network will be known as Fox Broadcasting Company (FBC), is being launched by Rupert Murdoch, and already has one prime time program in the works: Down and Out in Beverly Hills, based on the movie. Fox hopes to add enough affiliates to reach 70% of the country. The possibility of a weekly prime time movie is also being considered.

From another article: ABC News is laying off producers, writers, and other employees from its staff. About 75 employees will be laid off in anticipation of cutbacks which may be imposed by Capital Cities Communications, which had recently purchased ABC.

A few small items from the 5/22 Detroit Free Press: Ted Turner plans to begin scrambling WTBS, CNN, and CNN Headline News as of July first, and will charge satellite dish owners .25 a year. Also, Turner is upset with Nielsen Ratings. Despite the fact that they report him as the top-rated basic cable service and still gaining viewers, he insists that Nielsen fails to include VCR homes, where viewers can record his station and watch the programs at a later time.

Gregory Monti of Arlington, VA sent a copy of a manifesto, claiming to be written by

the notorious Captain Midnight. There have been Captain Midnights around for decades, and nobody really has the right to claim sole use of the name. This captain Midnight is taking aim at the cable companies, unlike the recent one which attacked satellite-feed cablecasters who scramble their signals. I would quote some of it if any of it made sense, which it does not. But C.N. seems to be threatening to introduce a fifth network, BPI-TV (Better Program Interception), which it will beam to existing cable systems with sophisticated equipment that will be impossible to locate or disarm. The signals will be unannounced.

Bruce Elving sent a copy of the 5/2/86 Public Broadcasting Report, which includes some of the recent debates at the PTV meeting on April 28. In 1984, the FCC liberalized guidelines on underwriting noncommercial stations, leaving it up to the individual station how to define underwriting, thus giving each station the freedom to accept enhanced underwriting to the extent that it feels is allowed. But forces in PTV urge a single means of defining the term, bringing the many PBS stations under the control of PBS with respect to advertising. There are fears that noncommercial television is slowly oozing into commercialism. National underwriters are concerned about the fact they get only a brief mention, whereas enhanced underwriters get more time to advertise their products while donating less to the station. National underwriters are as a result drifting away from public TV.

FCC Commissioner Quello spoke before the PTV convention blasting one key point of the proposed compromise by broadcasters and cable interests for the proposed must-carry rule. It was agreed that a station must have a 2% rating, 5% cumulative audience in counties it serves in order to be considered mandatory. In other words, PBS stations won't have enough viewers to qualify them as must-carry stations.

Also in the Public Broadcasting Report: KAME, ch. 9 in Bemidji, MN, is planning to construct a satellite station in Brainerd, Minnesota, which has no nearby PBS station. They hope to have the station operating in the fall of 1987.

Lastly, news from my area. Very little to report. As was said already, WTGI, ch. 61 in Wilmington, is still not on the air. The Philadelphia Inquirer, repeating the same story about the Fox Network as was told already, adds that WPHL-17 and WGBS-57 have both expressed interest in becoming affiliates of Fox Broadcasting Company.



PHO TO-NEWS

David J. Nieman
12284 Nice Road
Akron, NY 14001
U.S.A.

Dx photos this month are from, Matt Sittel - Kingsport TN

Matts Dx system consists of, Channel Master 1160 Quantum with an amplifier for VHF. And Radio Shack Archer U-120 (no preamp) for UHF band. His TVs are, a Zenith 19" K1960W from 1978. And a 13" Zenith S2905W11 from 1974.

XHY-3
Merida, YUC
1358 mile E-skip
seen at 1830 EST
on January 14, 1986

[rece 5/9/86] 1-ms



KIII-3
Corpus Christi, TX
1055 mile E-skip
seen at 1630 EST
on April 25, 1986

[rece 5/9/86] 2-ms



KBTX-3
Bryan, TX
911 mile E-skip
seen at 1700 EST
on April 25, 1986

[rece 5/9/86] 3-ms



**COME TO THE
1986
W.T.F.D.A. CONVENTION
JAMESTOWN,
NEW YORK
AUGUST 1, 2, 3**

*Don't
Miss It!*

**Be
There!**

HOSTED BY:

MIKÉ LAPINSKI

RD #2 - PALM ROAD

JAMESTOWN NY 14701



All DXers are invited to the Worldwide TV-FM DX Association's Eighteenth annual gettogether, in the scenic Chautauqua County region of southwestern New York State. Chautauqua County has been rated one of the best areas of the Northeast U.S. for VHF and UHF tropo DX by amateur radio enthusiasts as well as TV, FM, and VHF utility DXers. The rolling foothills of the Appalachians meet the shores of the Great Lakes here, and much of the area literally looks out into the Midwest. Normal conditions on the bands in this area often amaze visitors from the flatlands--it doesn't take much for a long haul tropo path to open up. This is also a resort area, with plenty to see and do for everyone. As well as being less than two hours from the Canadian border, the area is easily accessible via Interstate 90 exit 60 at Dunkirk, NY (to Jamestown via NY Route 60) or via NY Route 17, New York State's Southern Tier Expressway which runs from the New York City area to the Pennsylvania border near Erie.

The convention site is the Lapinski estate, situated right outside Jamestown (Falconer, NY) near the top of one of the area's highest hills. In fact, it's such a great site that the local cable-TV tower is situated nearby. Those who attended a previous WTFDA Jamestown outing were able to see signs of signals from both the Eastern Seaboard and Ohio Valley regions, as well as Chicago, during the early morning hours. That happened with almost no significant tropo enhancement--imagine what the band might look and sound like if a major opening hits during this convention!

We'll be ready for any such openings! There will be very elaborate TV and FM DX systems in operation during the convention, including a 7 foot UHF dish 83 feet above ground (on a hillside 1710 feet above sea level!) a horizontal high band VHF TV stack at 73 feet, a Channel Master Stereoprobe 9 (the famous model 4408) at 50 feet, and a low band TV stack at 40 feet.

A \$25 convention registration fee will make plenty of refreshments available; highlight will be a buffet-style dinner late Saturday afternoon. The fee covers lunch and dinner, including a cookout, on both Friday August 1st and Saturday August 2nd. Please note that we need at least two weeks notice for the caterer--let's hear from you by July 19th!

There'll be plenty of time allotted for DX gab sessions during all three days of the convention, along with a few slightly more formal talks and demonstrations. You'll also be able to meet and talk with some of your WTFDA VUD column editors! Tours are also being planned--this is your chance to see a transmitter site in action, from the engineer's point of view. Tony Pilato will host a tour of the elaborate nerve center of WNEB-TV's extensive translator system at Fredonia State College outside Dunkirk, we'll get a look at Group-W cable-TV system headend, and we're tentatively planning a tour of Jamestown locals WWSE (FM) and WJTN (AM).

To please everyone, a wide range of local lodging is available. Please note: **YOU MUST MAKE YOUR OWN MOTEL RESERVATIONS.** We suggest that you choose one of three nearby area motels. If you plan to be at the convention, **RESERVE A ROOM NOW!** As part of national chains, two of these feature toll-free national reservation numbers:

PREMIUM: Holiday Inn INDOOR POOL, etc
150 W. 4th Street
Jamestown, New York 14701 DOWNTOWN JAMESTOWN
(716) 664-3400 - or - TOLL FREE (800) 465-4329
rates: Single \$58 Double \$62

This is the farthest hotel from the convention site, but is up to the best Holiday Inn standards, and Holiday Inns are offering special discounts on some of their rooms across the U.S. this summer. Call for further info.

MID-PRICED: Comfort Inn
N. Main St. Jamestown Exit intersection Rt 17 and Rt 60
Jamestown, New York 14701
(716) 664-5920 - or - TOLL FREE (800) 228-5750
rates: Single \$39.95 Double \$44.95

The Comfort Inn is closest to the Lapinski's hilltop convention site, at the base of the hill.

ECONOMY: Heritage House
2 E. Main Street Falconer Exit Rt 17 on Rt 394
Falconer, New York 14733
(716) 665-4410 rates: Single \$24 Double \$28 2 beds 2 people \$31
Located above a small shopping center, about 500 feet further away from the hill, in a different direction.

IF YOU PLAN TO BE THERE, SEND IN YOUR CONVENTION REGISTRATION FORM TODAY!!!