### \* \* \* PIIRLISHER'S NOTES \* \* \*

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

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

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

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

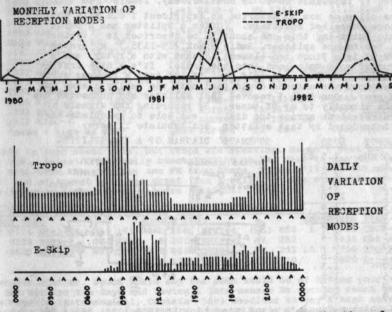
## 1

### TECHNICAL TOPIX

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

The possibilities of midwinter tropo and Es do exist, as has been verified by research into such matters over the years.

A record of the day-to-day occurrence of long-distance VHF and UHF radio paths shows, besides the usual peaks in June and July for Es and September for Tr. a small peak in December and Jan.



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

MORE ON COAX ...

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

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

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

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

FREQUENCY	<u>LOSS</u>	SCHEMATIC DIAGRAM OF A 750 SE	LITTER
88.5 MHz 91.1 91.9 92.3 93.1 93.5 96.1 97.1 98.1	3.5 dB 2.1 6.0 2.9 11.0 1.6 5.1 1.8 2.4	"BIFILAR WINDING"  2 TURNS ISON  TWIN-LEAD  75.1 INPUT	5.0
99.7 101.1 102.7 104.5 105.9 107.9	0 1.8 1.3 1.5 1.7	0.5 of 1	OUTPUT 2

One reasonably expects a splitter to introduce loss, but I at least expected this to be constant over a fairly narrow range of frequencies. Obviously, it wasn't. Still, I haste to say that the lldB loss at 93.1 is probably attributable to the removal of a 20' length of cable from the splitter to stereo. It may have been just the right length to act as a sort of trap. Note also that 75.0 splitters for coax are much better behaved, and usually only introduce 1-2 dB of constant loss over the entire VHF-UHF range. Anyway, it was an interesting experiment, as the channels selected for comparison are strong locals with signals here of several hundred  $\mu V$ . If the splitter makes such a difference on locals, what effect did it have on weak, distant signals? Hummmmm...

### REPRINT SERVICE ...

BALUNS...

If nothing really oad happens in the meantime, the WTFDA reprint service will be introduced next month in your <u>VUD</u>. This will appear as a complete technical index to all the technical articles printed since June, 1979, with simple instructions for ordering copies.

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

UL a

### EASTERN TV-DX

John F. Combs



**UL** approved

2969 Harschel #7
Jacksonville, FL 32205
Ready or not, here it comes.

NOVEMBER 1986

Translated from the Arabic by Hassan el-Hazzaboubou

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

•		
Matt Sittel, 220 Brookfield Dr., Kingsport TN 37663		(EDT)
AUGUST 1986 AUGUST 1986 AUGUST 1986		
21 E 1944 XHY-3 YU 1358 28 E 1915 unIDs-5/6 30 E 1038 KFD	X-3 TX	936
1947 unIDs-2/4 29 E 1612 Cuba-2/3/4 1058 KIE	Y-6 TX	1170
22 E 1838 KBTX-3 TX 911 1940 KIII-3 TX 1055 1058 KBT	X-3 TX	911
1839 KMOL-4 TX 1053 1942 KGBT-4 TX 1166 1228 KLN	E-3 NE	958
1841 unID-3 SS 1946 KRIS-6 TX 1055 1300 KUS	D-2 SD	878
1958 KMID-2 ? TX T 1948 KCEN-6 TX 932 T 1300 WSM	IV-4 TN	246
24 T 0930 WUNC-4 NC 203 1951 KPRC-2 TX 878 B 1328 KDL	0-3 SD	990
28 E 1741 KACB-3 TX 1170 1956 KMOL-4 TX 1055 1359 KGF	E-2 ND	1089
1742 KDFW-4 TX 864 2028 KMID-2 TX 1174 1359 KXJ	B-4 ND	1076
1821 KFDX-3 TX 936 2135 KBTX-3 TX 911 SEPTEMBER 198	6	
1823 KMID-2 TX 1174 30 B 1014 KACB-3 TX 1170 6 B 1715 KSN		819
1824 KENW-3 MM 1206 1022 UniD-4 88 1730 KSM	C-2 KS	903
1836 KIII-3 TX 1055 1027 KAMR-4 TX 1116 13 T 0748 WRE	L-3 GA	313
1900 WLBT-3 MS 527 1028 KMID-2 TX 1174 0836 WTV		313
1912 KJAC-4 TX 812 1031 KENW-3 NM 1206 14 T 0012 WKR		
"same 4 logo as KOB" 1037 KDFW-4 TX 864 0013 WSM		246

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

Dave Nieman, Akron	MY	14001	-9	529								- 0	EDT)	٠.
AUGUST 1986				GUST 19	86			SEE	T	MBER	1986			
25 T 0726 WTAJ-10	PA	171	28	E 1800	WTVY-4	(FL)	898	1	T	0900	CBCE-16	ON	268	
0730 WTOV-9	OH	215		T 2030	WDIV-4	MI	252			0938	Chi 26/	32/38	477	
0800 WDTV-5	WV	294	29	T 0830	CHMB-4	ON	233	10	T	0730	CBOFT-9	(PQ)	218	
				E 1329	W4	LA	1110			0800	C49	PQ	???	

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

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

NOVEMBER 1986

Bob Seybold, 10567 Bennett Rd., Dunkirk MY AUGUST 1986 AUGUST 1986 3 E 1600-2200 7 T 0400-1000 (continued) 11 T 0800-1100 WESH-2 FL 945 WBAK-38 IN 480 WXIN		( 5	DT)
	(60	ntinu	ed)
	-59	IN	400
WPBT-2 FL 1145 WHME-46 IN 355 WMSH-		MI	245
KPRC-2 TX 1265 WSNS-44 IL 425 WKAR	-23		260
WBRZ-2 LA 1070 WBBS-60 IL 430 WEYI			230
WEAR-3 (AL) 940 WRGT-45 OH 320 WTTE- WEDU-3 FL 1015 WOSU-34 OH 245 WBGU-			245 255
WEDU-3 FL 1015 WOSU-34 OH 245 WEGU- KATC-3 LA 1125 WUHQ-41 MI 315 WEYH-			270
WRBL-3 GA 765 WEYI-25 MI 230 14 T 0500-1000			
KTBS-3 LA 1045 WDRB-41 (KY) 445 WDBD-		MS	925
WLBT-3 MS 935 WHMB-40 IN 400 Cimply WETO			480
WSAV-3 GA /30 WAIN-39 IN 400 December 1		NC	525
KBTX-3 TX 1235 WCBT-48 OH 360 Breath - WTVA WTVY-4 (FL) 875 WHIZ-18 OH 225 taking WTRT			<b>80</b> 0 <b>71</b> 0
THE PARTY OF THE P			510
WWL-4 LA 1055 WSFJ-51 OH 240 WSFR WTVJ-4 FL 1140 WTAP-15 (OH) 245 W43A		KY	?
KOCO-5 OK 1085 WTTB-28 OH 245 (who	ere :	is thi	s
WUFT-5 FL 900 WBGU-27 OH 255 O	ne??-	jfc)	_
WKRG-5 AL 940 WAQP-49 MI 245 WXVT			870
WPTV-5 FL 1100 8 T 0600-0900 WZTV		TN AR	595
KALB-5 LA 1075 WNDU-16 IN 360 <u>KTVP</u> WCIX-6 FL 1175 WANB-15 IN 315 <u>KLRT</u>			905 885
WCIX-6 FL 1175 WAME-15 IN 315 KLRT WDSU-6 LA 1050 WICD-15 IL 47% KNLJ			720
4 T 0700-0830 WTAP-15 (OH) 245 WICE		IL	560
WBGU-27 OH 255 WSFJ-51 OH 240 WVCY			595
WNDU-16 IN 360 WCET-48 OH 360 WAAY			580
WHIZ-18 OH 225 WOSU-34 OH 245 WAFF			580
WSFJ-51 OH 240 WFUM-28 MI 210 KSNT- WTJC-26 OH 295 WTTE-28 OH 245 KLDH			890
			T 875
W41AA WV 185 WAQP-49 MI 245 <u>KPTH</u> 5 T 0700-0830 WEYI-25 MI 230 WDKY			430
WBGU-27 OH 255 WBGU-27 OH 255 WFIE			535
WNDU-16 IN 360 WTJC-26 OH 295 WEVV	-44 (	(KY)	535
WHIZ-18 OH 225 9 T 0600-0900 WTJR			650
WSFJ-51 OH 240 WCMU-14 MI 285 WICD			475
WUHQ-41 MI 315 WKAR-23 MI 260 WHOI			545 545
WGVK-52 MI 325 WXMI-17 MI 315 WMBD WTJC-26 OH 295 WEYI-25 MI 230 WTSF			325
→ WLIW-44 OH 280 WUNQ-41 MI 315 KSNF			890
Green Bay 26/38 455 WAQP-49 MI 245 "not muc			
Milwaukee 18/36 435 WNDU-16 IN 360 closer			
Ft. Wayne U's 315 WGVK-52 MI 325 IN, OH,	etc	., all	.ow-
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		in"	·
signals" WBGU-27 OH 255 17 T 0630-080 B 1700-2100 WFUN-28 MI 210 CBCE		ON	
WDIQ-2 AL 850 WGVC-35 HI 335 CICO		ON	270
WPBT-2 FL 1145 WIHT-31 MI 240 WNDU		IN	360
WBRZ-2 LA 1070 WSMH-66 MI 245 WTAP		(OH)	245
WESH-2 FL 945 WSYM-47 MI 270 WMCU		MI	285
WWAY-3 NC 580 WCFC-38 IL 425 WSFJ		OH	240
WSAV-3 GA 730 WFLD-32 IL 425 Ft. WEAR-3 (AL) 940 WOSU-34 OH 245 Most		e U's	313
MARK-J (AL) JEU WOOD-JE ON 245 NODE			
		NC	470
WEDU-3 FL 1015 WANE-15 IN 315 18 T 0430-100		20 /60	/66
WEDU-3 FL 1015 WANE-15 IN 315 18 T 0430-100 KBTX-3 TX 1235 WCIU-26 IL 425 WPTF KATC-3 LA 1125 11 T 0800-1100 Chi.			575
WEDU-3 FL 1015 WANE-15 IN 315 18 T 0430-100 KBTX-3 TX 1235 WCIU-26 IL 425 WPTF KATC-3 LA 1125 11 T 0800-1100 Chi. WTVY-4 (FL) 875 WCFC-38 IL 425 KDUB	-40	(WI)	
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WEDU-3 FL 1015 WANE-15 IN 315 18 T 0430-100 KBTX-3 TX 1235 WCIU-26 IL 425 WPTF KATC-3 LA 1125 11 T 0800-1100 Chi. WTYY-4 (FL) 875 WCFC-38 IL 425 KDUE 6 T 0630-0830 WANE-15 IN 315 WIFR WNDU-16 IN 360 WTAP-15 (OH) 245 WQRF	-40 -23 -39	(WI) IL IL	505 500
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WEDU-3 FL 1015 WANE-15 IN 315 18 T 0430-100 KBTX-3 TX 1235 WCIU-26 IL 425 WPTF KATC-3 LA 1125 11 T 0800-1100 Ch1. WTYY-4 (FL) 875 WCFC-38 IL 425 KDUE 6 T 0630-0830 WANE-15 IN 315 WIFR WNDU-16 IN 360 WTAP-15 (OH) 245 WQRF WMIT-34 IN 360 WGWC-35 MI 315 KRIN CH0T-40 PQ 270 WMDU-16 IN 360 WSBK WLFI-18 IN 405 WUCM-19 MI 245 WNUV WHIZ-18 OH 225 WFUM-28 MI 210 WPHL WBGU-27 OH 255 WUMQ-41 MI 315 WTAF MI U's 25/28/49/66 WAQP-49 MI 245 WPHT Ft. Wayne U's 315 WHIZ-18 OH 225 WVIT	-40 -23 -39 -32 -38 -54 -17 -29 -43	(WI) IL IL IA MA MD PA PA PA CT	505 500 640 415 260 270 270 220 235
WEDU-3   FL   1015   WANE-15   IN   315   18 T   0430-100     KBTX-3   TX   1235   WCIU-26   IL   425   WPTF     KATC-3   LA   1125   11 T   0800-1100   Chi.     WTVY-4   (FL)   875   WCFC-38   IL   425   KDUE     6 T   0630-0830   WANE-15   IN   315   WIFR     WNDU-16   IN   360   WTAP-15   (OH)   245   WQRF     WMIT-34   IN   360   WGWC-35   MI   315   KRIN     CHOT-40   PQ   270   WMDU-16   IN   360   WBBK     WLFI-18   IN   405   WUCM-19   MI   245   WHUY     WHIZ-18   OH   225   WFUM-28   MI   210   WPHL     WBGU-27   OH   255   WUMC-41   MI   315   WTAF     MI   U'S   25/28/49/66   WAQP-49   MI   245   WPMT     WEDU-35   WIFT   MI   315   WTAF     WIFT   WIFT   WIFT   WIFT   WIFT   WIFT     WIFT   WIFT   WIFT   WIFT   WIFT   WIFT     WIFT   WIFT   WIFT   WIFT   WIFT   WIFT     WIFT   WIFT   WIFT   WIFT   WIFT     WIFT   WIFT   WIFT   WIFT   WIFT   WIFT     WIFT   WIFT   WIFT   WIFT   WIFT   WIFT     WIFT   WIFT   WIFT   WIFT   WIFT   WIFT   WIFT     WIFT   WIFT   WIFT   WIFT   WIFT   WIFT   WIFT   WIFT   WIFT     WIFT   W	-40 -23 -39 -32 -38 -54 -17 -29 -43 -30 -61	(WI) IL IL IA MA MD PA PA PA	505 500 640 415 260 270 270 220

Seybold (continued) AUGUST 1986 18 T Time unk.: MI Us 14/17/19/28/35/41/52/66 OH Us 18/27/28/34/44/48/51 IN Us 16/22/28/34/46/49 Ft. Wayne Us 19 T 0430-0900: WPTF-28, WLKY-32, WUHQ-41, WMCU-14, WBAK-38, WHIZ-18, WTAP-15, WNDU-16, WVAH-23 (310), WFUM-28, WKOI-43 (345) Columbus, Dayton, Cincinnati, Newark, Indianapolis, Lexington, Louisville Us; Baltimore 45/54; Washington 20/50; Altoona 47; Philly 17/29; Harrisburg 21/27; WPMT-43 York 25 E 1700-1900: WTVY-4 AL (FL), WEDU-3 FL, WESH-2 FL, WEAR-3 FL (AL) + others SEPTEMBER 1986 1 T Time unk.: WBGU-27 2 T 0630-0830: WNDU-16, WTAP-15, WUHQ-41, WSFJ-51, WHIZ-18, WRGT-45 Ft. Wayne Us; MI Us 23/25/28/31/49/66 all good 2000-2400: Ft. Wayne Us excellent; South Bend Us good; WGGN-52, WBGU-27; WKOI-43; MI Us 25/28/49

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

THIS SPACE

LOOK, ASTON, EVEN
THE COMMON
PEOPLE READ
THE VUD!

HOW GAUCHE!

Last, But Not

_			AL INCLE		#						,		- 4				
Ra	lρ	h Str	obel, 230	00 E	. McG	all	1a:	rd Rd	Muncie	IN	4730	3		<del></del>			(EDT)
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			CKND2-2		950	11	E	1600	KTWO-2	WY	1130	20	E	1300	KIII-3	TX	1125
. 16	E		KPRC-2	TX	950			1630	KOWY-5	WY	1260				KWGN-2	CO	1000
	_		KWGN-2	CO				1700	KIVV-5		1000				KNMZ-2	NM	1150
20	E		XEPM-2						WPBT-2	FL	1080	22	E	1300	KWGM-2	CO	1000
	_		KENW-3						WPBT-2		1080				CKND2-2	MB	950
21	K		KTXT-5			25	E		KWGN-2	CO	1000	24	E	1500	KNMZ-2	NM	1150
ř			KENW-3		1070			2000	KHID-2	TX	1110	26	E	1322	KMID-2	TX	1110
			KMID-2		1110							AU	GU	ST 19	<u>86</u>		
•	_		KNMZ-2		1150		E		WPBT-2	FL	1080	5	E	1437	KHID-2	TX	1110
- 41	E		KIII-3		1125				KPRC-2	TX	950			1730	WTTG-5	DC	460
			KPRC-2	TX					WBR 2 - 2	LA	790			1800	KTXT-5		1075
25	_		KMID-2		1110		E		KPRC-2	TX	950	11	E	0926	KMID-2	TX	1110
49	-		KTVQ-2		1175				KIII-3		1125				KENW-3	MM	1070
700	-		CKCK-2	SK	1110	_			KRGV-5			16	E	1200	KENW-3	MM	1070
		1986					E		WPBT-2	FL	1080				KHID-2	TX	1110
			KMID-2		1110				WBRZ-2	LA	790	22	E	1259	KENW-3	NH	1070
			KENW-3						WE8H-2	FL	850				KNN2-2	HM	1150
			KMID-2				E		KMMZ-2			25	T	0430	WVVA-6	WV	320
10			KPRC-2	TX					KNOP-2	ME	790			0430		WV	275
	_		KIII-3		1125		_	2140	<u> KTV8-3</u>	CO					1986		
-1	•		KMID-2			19	E		WBRZ-2	LA					WKYC-3	OH	200
[			XEPH-2		1370				KBTX-3	TX		12	T		WJRT-12	HI	200
			KRGV-5		1290		_		KPRC-2	TX	950			2332		OM	175
			KIII-3		1125	20	E	1200	KPRC-2	TX	950	13	T	0520	WL08-13	HC.	440
		TOU	KWGM-2	CO	1000												

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

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



### QSL CORNER





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

### IV QSL's

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

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

FL WFTS 28 Tanpa, Prepared card & sticker in 17 days, signer was chief engineer but is unreadable, 6 no address was given. (Van Born)

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

SC VBTV 13 Florence, 3430 TV Road, 4 zip 29501. Letter from Bernard E. Hoore, CE with a ton of stuff: 2 pencils, 2 key chains, decais, name-tag stickers, & nicest of all was a actual color slide of their Eyewitness Sports logo as described to them in my report; all this in only 12 days (yet he apoloogized for the delay, hi). (Combs)

RD RUSD 2 Vermillion, New Armony Building, zip 57069. They send a zerox of my report on which they wrote the calls, lowation, date 6 time of reception, but nothing else, and stamped it with an address stamp. No signature. Not even sure you could call this a qsl! Back in 9 days. (Combs)

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

IX KHID 2 Midland, P. O. Drawer "B", zip 79711. Letter from Dale C. Gorsuch, CE in <u>6 daysi</u>, with bumber sticker s mug. (Combs)

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

NE KLNE 3 Lexington, P. O. Box 83111, zip 68501-3111. Letter & coverage-нар in 9 days from William R. Ramsay, Dir. of Eng. 6 Tech. Services. (Sittel)

TX KRIS 6 Corpus Christi, P. 0. Box 840, zip 78403. Letter in 9 days from Harvin Born, CE. (Sittel)

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

NC WRAL 5 Raleigh, 2619 Western Blvd., Box 12800, zip 27605. Letter 6 business card from Wilbur Brann, CE in 1 wonth. (Ross)

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

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

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

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

### LOGO's RUN

THOMAS J. YINGLING, jr. 221 PINEWOOD ROAD BALTIMORE, MD 21222-2345

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



WGNX46 Giving <u>Atlanta</u> A <u>Choice!</u>



YOUR













WITF-TV 33

WGALTVA







**WFTV** 



KYW-TV3

**Ⅲ WGXA-TV** 

.∠Z.wyff.tv≥



**N4**:







3A WSAV-TV





WSPA-TV





NBC NEWS

ON WPTY ON WSYN

TUNED IN TO THE WORLD



woff tags

9

### ACTION 15 NEWS 15 WPDE-TV







WOLO 25



















Florida's Super Station, WBFS-TV

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

WAST-25 Augusta, GA / WGNX-46 Atlanta, GA / WTWC-40 Tallahassee, FL / WRBL-3 Columbus, GA / WALB-10 Albany, GA / WBSB-33 Miami, FL / WBSP-51 Ocala, FL / WNTT-47 Jacksonville, FL / WHP-21 Harrimburg, PA / WGAL-8 Lencaster, PA / WTTF-33 Harrimburg, PA / WATL-36 Atlanta, GA / WTAF-29 Philadelphia, PA / WAGA-5 Atlanta, GA / WCTA-11 Atlanta, GA / WCTX-6 Miami, FL / WFTV-9 Orlando, FL / WGXA-24 Macon, GA / WHOD-43 Melbourne, FL / WTVX-34 Ft. Pierce, FL / WFVI-6 & KYW-3 Philadelphia, PA / WMSF-41 Macon, GA / WTLV-12 Jacksonville, FL / WSB-2 Atlanta, GA / WSAV-3 Savannah, GA / WCSC-5 Charleston, SC / WSPA-7 Spartansburg, SC / WTVM-9 Columbus, GA / WSSAV-3 Savannah, GA / WCSC-5 Charleston, SC / WSPA-7 Spartansburg, SC / WTVM-9 Columbus, GA / WBSP-51 Ocala, FL againt / WTS-10 Columbia, SC / WFTV-5 West Palm Beach & WSVN-7 Miami, FL / WROW-12 Augusta, GA / WOFL-35 Orlando,FL // page 2 // WPDE-15 Florence, SC / WSKG-46 Binghamton, NY / WCZC-39 Miami, FL / WRNS-21 Ambeville, NC / WCLO-25 Columbia, SC / WRRE-28 Willem-Barre, PA / WJHL-11 Johnson City, TN / WFX-29 West Palm Beach, FL / WHTM-27 Harrisburg, PA / WAWS-30 Jacksonville, FL / WMSC-34 Binghamton, NY / WETO-39 Greeneville, TN / WCYS-5 Bristol, TN / WKPT-19 Kingsport, TN / WBSB-33 Miami, FL again!

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



### VHF UTILITY DX



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

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

Abbreviation	Abbreviation for
Elec	Electric
Со-ор	Co-operative
Dist	District
Cou	County
REMC	Rural Electric Membership Corporation
Քսե	Public
Serv	Service
Auth	Authority

### \*

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

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

### -37.52

	31.52			Eastern Shore Gas Co	
	^		KEA~259	Ocean City	MD
			KEA-261	Snow Hill	MD
	Pea Ridge Water Department			Dairyland Power Co-op	
WSU-428		AR	KAB-809	Harmony	MN
	Lincoln Avenue Water Co	•	KAJ-416	Rochester	MN
KEJ-449	Altadera	CA	KAA-825	Twin Lakes	MN
	Venice Gardens Utility			Ohmaha Public Power Dist	
KJW-581		FL	KLA-908	Elkhorn	NE
	Georgia Power Company			City of Ohmaha	
KUD-876		6A	KTJ-688	Julian	NE
	Northern Indiana Pub Serv		KTJ-689	Kenard	NE
KSA-228	Crown Point	IN	KAA-468	Ohmaha	NE
KUD-835	Michigan City	IN	KAH TOO	North Jersey Dist Wat Com	
	Hardin Cou Water Dist #2		1411 400		
W0X-510	Elizabethtown	ΚY	KUL-400	Wanuque	LN

	Plains Elec Gen & Trans Co	•		Cumberland Elec Mem Corp	
WXA-852	Caballo	NM	KIC-329	Ashland City	TN
KKM-754	Sandia Mountain		KIB-330	Clarksville	TN
	Carroll Elec Co Coop		KIC-987	Dover	ΤN
KNBA-623	Carroliton	MO	KIC-331	Gallatin	TN
	Frontier Power Co			Tennessee Valley Elec Corp	}
KQA-515	Coshocton	OH	KIA-262	Savannah	ΤN
KQA-70 <b>6</b>	Gallipolis	OH		Cumberland Elec Mem Corp	
	South Central Power Co		KIB-332	Springfield	TN
K06-399	Idaho	ОН		Tennessee Valley Elec Corp	
	Washington Elec Coop		KIA-262	Waynesboro	TN
WZU-836	Lowell	OH		Texas Power & Light	
KQA-415	Marietta	OH	KGM-662	Bedford	ΤX
	Holmes Wayne Elec Coop		KKD-464	Brownwood	ΤX
KQA-467	Millersburg _	OH	KWX-258	Buffalo	ΤX
	Marrow Elec Coop		KKD-471	Cameron	ΤX
KQA-607	Mount Gilead	OH	KKC-980	Corsicana	ΤX
	Paulding Putnam Elec Coop		KGQ-675	Dallas	ΤX
KQB-738	Paulding	OH	KKD-405	Dallas	ΤX
	Belmont Elec Coop		WRD-924	Dallas	ΤX
KQC-437	Saint Claisville	DH	KKE-669	Desoto	ΤX
	Holmes Wayne Elec Coop		KDH-524	Duncanville	TΧ
KQA-466	Salem	OH		Surfside Waterworks Inc	
	Licking Rural Elec Inc		KT0-690	Freeport	ΤX
KQA-395	Utica	OH		Texas Power & Light	
	Washington Elec Coop		KKH-345	Gar I and	ΤX
WZU-835	Whipple	OH	KKD-248	Hillsboro	ΤX
	Grand River Dam Auth		KXU-590	Irving	ΤX
KKM-720	Cushing	OK	KKC-273	Irving	ΤX
KKC-471	Langley	OK	KKD-457	Jewett	ΤX
KKC-472	Locust Grov <del>e</del>	OK	KKD-458	Lufkin	ΤX
KK I-579	Pryor	OK	KKM-580	Lufkin	ΤX
WSP-757	Pryor	OK	KKD-468	Nacodoches	ΤX
KRU-225	Salina	OK	KKD-477	Palestine	ΤX
KFN-205	Salina	OK		Palestine	ТX
	Metropolitan Edison		KDN-317	Plano	ΤX
KBK-530	Boyertown	PA	KKQ-876	Richardson	ΤX
KGD-654	Cumberland County	PA	KCD-634	Round Rock	ΤX
KGA-604	Easton	PA	KKF-827	Taylor	ΤX
KGD-678	Gettysburg	PA		•	
K6D-354	Glen Rock	PA	NUT ACE	Temple	ТX
KGD-3 <b>53</b>	Hanover	PA	KKD-455	Temple Temple	ΤX
KBK-393	Krumsville	PA	WRB-689		ΤX
KGB-3 <b>84</b>	Lebanon	PA		The Colony	ΤX
KDQ-53 <b>9</b>	Middletown	PA	KKB-890	Tyler	TX
KVV~5 <b>83</b>	Middletown	PA	KKD-459	Waco Wahkiakum Cou Pub Util	1 ^
K6G-625	Portland	PA			WA
KGA-605	Reading	PA	K0Q-373	Cathlamet	WA
KGG~626	Reading	PA	K0A-647	Grays River	WH
KGA-312	Stroudsburg	PA .	unn of	Wisconsin Elec Power Co	WI
KFP-620	Topton	PA	KDR-26	Auburn	WI
KGB-3 <b>85</b>	Yor k	PA	WZH-805	Milwaulkee	WI
KFP-621	York Haven	PA	KTA-281	Port Washington	WI
KGB-3 <b>85</b>	Zions View	PA	KDR-26	Waterloo	MI
			KDR-26	Watertown	MI
			KDR-26	West Bend	MI

KCK-837	Mitchell County REMC		KKC-701	Reserve	LA
	Albany	GA	KKC-703	Sorrento	LA
KID-632	Camilla	GA		New Bedford Light	
KIA-684	Carroliton	GA	KCA-862	Barnstable	MA
KEP-227	Hepzibah	GA	KBW-284	Bourne	MA
KIA-622	Louisville	GA	KJW-965	Hyannis	MA
KIE-382	Sylvester	GA	KCA-365	New Bedford	MA
MAT COO	Iowa Elec Pow & Light		KCA-429	Plymouth	MA
KAF-680 KGJ-822	Armstrong	IA	KCA-270	Wareham	MA
KAB-911	Bélle Plain Boone	IA		Bangor Hydro Elec Co	
KAF-682	Britt	IA	KCC-405	Bangor	ME
KAB-909	- · ·	IA	KCA-380	Chamberlain Lake	ME
WZB-222	Cedar Rapids	IA	KCA-305	Eddington	ME
KGJ-823	Cedar Rapids	IA	KCA-346	Hancock	ME
	Dundee	IA	KCA-323	Lincoln	ME
KAH-826 KAA-703	Fairfield	IA	KCA-390	Machias	ME
	Guthrie Center	IA	KCA-311	Milford	ME
KAF-681	Iowa Falls	IA	KCK-381	Twp 6 Range 10	ME
KAL-356	Jefferson	IA	KCA-344	Twp 6 Range 8	ME
KDU-848	Lone Tree	IA	KCA-310	Veazie	ME
KAD-488	Maquoketa	IA	KCH 310	Tri-County Elec Co-op	ME
KAB-910	Marshalltown	IΑ	KQE-752	Blanchard	ΜI
KBX-231	Nevada	IA	KAS-226	Burnips	
KAL-357	Perry	IA	KQE-876	Near Hart	MI
KAI-540	Peterson	IΑ	KQA-921		MI
KAF~683	Rolfe	IA	KQB-213	Newago Portland	MI
KBX-230	Sibley	IA	VMD-212		ΜI
KAH-473	Spirit Lake	IΑ	1001 466	Wolverine Elec Co-op	
KAN-361	Toledo	IΑ	KDL-466	Scottville	ΜI
KAL-353	Williamsburg	IA		Western Michigan Elec Coo	•
	Harrison County REMC		KQK-636	Scottville	ΜĮ
KSA-311	Corydon	IN	U	North Itasca Elec Coop	
	Orange County REMC			Big Fork	MN
MGC-883	Orleans	IN	KNUU-228	Northome	MN
	Southeastern Indiana REMC		144.7.400	Missouri Pub Ser Co	
KSA-399	Osgood	IN	KAJ-495	Brookfield	ΜO
	Parke County REMC		KAJ-579	Chillicothe	MO
KSC-596	Rockville	IN	KAB-633	Clinton	MO
	Sullivan County REMC		KQZ-356	Grandvi ew	MO
KSC-477	Sullivan	IN	KAB-632	Lees Summitt	MO
	Cumberland Valley REC		KAA-741	Lexington	MO
KIA-297	Cumberland	KY	KAJ-741	Marshall	MO
KIA~297	Gray	KY	KAA-321	Nevada	MO
KNBH-652	Gray	KY	KAA-742	Platte City	MO
	Louisiana Power & Light		KAF-233	Pleasant Hill	MO
KKA-323	Amite	LA	KAB-405	Raytown	MΟ
KKC-712	Amite	LA	KAA-743	Richmond	MO
KFJ-746	Bogalusa	LA	KAK-425	Ridgeway	MO
KKA-656	Bogalusa	LA	KAA-446	Sedalia	MO
KKE-987	Independence	LA	KAA-498	Trenton	MO
KKC-700	Kentwood	LA	KAA-229	Warrensburg	MO
KKC-706	Metairie	LA		East Mississippi Pow Ass	
KBD-642	Montz	LA	KKA-725	Meridian	MS
KDU-939	New Orleans	LA		City Of Concord	
<del>_</del>			KDU-864	Concord	NC

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<YX-515 Iron River

KSA-234 La Crosse KSB-604 Ladysmith

	Ohio Edison Company	;	0 m m/
KQA-912	Akron	он <u>;</u>	37.54
KQB-249	Alliance	OH 1	
KQB-241	Elyria	OH	<u> </u>
KQB-239	Florence	DH 1	KKE-872 Arkadelphia
KQG-889	Lorain	OH	KKA-432 Atkins
KQB-246	Mansfield	OH	KKA-453 Atkins
KQB-245	Marion Massilon	OH I	KKE-275 Bald Knob
KQB-244	Mount Gilead	OH	KKE-274 Beebe
KGI-241 KQB-238	Niles Junction	OH	KKC-444 Berryville
WSM-637	Peoria	OH	KKE-677 Brinkley
KQB-243	Sandusky	. OH	KKB-296 Camden
KQA-910	Springfield	OH .	KKA-456 Conway
KQB-242	Wadsworth	OH	KFX-490 Crossett
	Metropolitan Edison Co		KKC-462 Dumas
KBK-530	Boyertown	PA	KNBQ-371 Earle
KGD-564	Cumberland County	PA	KKA-831 Eldorado
<6D-678	Gettysburg	PA	KKC-458 England
KGD-354	Glen Rock	PA	KKB-298 Fordyce KKE-752 Forrest City
<6D-353	Hanover	PA	KKD-271 Glenwood
KBK-393	Krumsville	PA	KKA-350 Gurdon
<6B-384	Lebanon	PA	KKC-459 Hamburg
<dq-539< td=""><td>Middletown</td><td>PA</td><td>KKA-621 Harrisburg</td></dq-539<>	Middletown	PA	KKA-621 Harrisburg
< <b>VV-58</b> 3	Middletown	PA	KKA-202 Harrison
KGA-605	Reading	PA	KKF-295 Hazen
			KNBU-229 Hot Springs
GG-626	Reading	PA	KKE-676 Hughes
FP-620	Topton	PA	KKU-274 Jacksonville
(G18-385	York	PA	KNBU-228 Jones Hill
FP-621	York Haven	PA	KKR-999 Junction City
(6B-385	Zions View	PA	KKC-456 Lake Village
	Houston Power & Light		KNBQ-370 Lake Village
Œ₹-591	Alvin	TX	KKD-274 Little Rock
KZ-542	Angelton	TX	KNBQ-369 Little Rock
KC-896	Baytown	TX	KNBQ-374 Magie
KC-894	Bellaire	TX	KKB-297 Magnolia
(JC-723	Channelview	TX	KKD-272 Malvern
ISÚ-519	Donnie	TX	KKE-549 Mariana
KC-899	Freeport	TX TX	KKE-561 Marion
KC-898	Galveston	ΤX	KKE-562 Marked Tree
KC-893	Houston	†X	KKF-291 Marshall
(KC-901 (KD-348	Houston	Τχ	KKC-455 McGhee
(KQ-341	Houston	τx	KKC-399 Monticello
(KQ-880	Houston Houston	ŤŶ	KKA-459 Morrilton
#RH-303	Houston	ΤX	KKI-510 Mountain Home
VSP-755	Houston '	ΤX	KKE-272 Mountain View
(SR-783	Katy	ŤΧ	KKA-620 Newport
KA-546	Rosenburg	TX	KTS-385 Russellville
(JL-451	Seabrook	TX	KKA-619 Searcy
KZ-423	Sealy	TX	KNAG-287 Smakover
KG-438	South Houston	TX	KEP-945 Stamps
(FO-983	Tombail	TX	KKD-269 Stuttgart
CKF-294	Wharton	TX	KKE-565 Truman
	Dairyland Cooperative		KKE-566 Wynne New Hav <del>en Water Com</del> pany
(SA-730	Alma	WI	KCD-626 Hamden
(SB-295	Baldwin	WI	NCD-020 DEMOST
KBB-631	Cassville	WI	
(SB-294	Elk Mound	WI	•
(SB-296	Genoa	WI	
/VV. E1E	T	117	I .

## WESTERN TV-DX

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

November 1986

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CT

Deadline: 12- 4-86

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

September did not appear to be as outstanding a month for tropo as it can be at times, but there were some nice openings. Notable was Jeff Kadet's catching of UHF from

SC at up to 800 miles on the 13th and Nate Ely's opening to SD on the 24th.

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

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

New			Mode_										S/Off - = Patterns - 8
ıν	COTOL	Dati 2	- 6	UIIIU	COTOL	Dai s		% Inir	-	¢ ms	C. 16	33 L	raccerns - o
BN	Baja	Cali	fornia	Norte			CU	Coahuila				QR	Queretaro
BS	Baja	Cali:	fornia	Sur			NL	Nuevo Lec	on			TM	Tamaulipas
CH	Chih	uahua					QN	Quintana	Ro	00		YU	Yucatan

			.0	!
August 1986	16 tr 0430	WPWR 60 IL off	18 tr 0726	Dayton 22, 45
4 Es 2059 CBFTt 2 PQ		W51AF 51 IL has	0728	WLIO 35 OH
2100 CJBRTt 2 PQ		been off all wk,	0756	KSHB 41 MO
8 tr 0746 K56BX 56 MO		may be black.	20 tr 0629	KITN 29 MN
(Steelville LPTV	) Es 1030	KPRC 2 TX	0659	WLEF 36 WI
0748 K60CLt 60 IA		KIIIt 3 TX	21 tr 0830	KLDH 49 KS
0750 KC's 41, 50, 62		XET t 6 NL vert		KC's 19,41,50,62
KPTM 42 NE	1058	KRGV 5 TX	Es 1330	XEPM 2 CH
0751 KMEG 14 IA	1100	KRIS 6 TX	22 tr 0816	KITN 29 MN
0826 WPSD 6 KY	1108	KMOL 4 TX	0822	Mpls chs 11, 23
12 ms 0430 Poor, some unid		KENS 5 TX	25 tr 0659	WSVN 47 VA
tr 0434 KSHB 41 MO		KACB 3 TX	29 Es 1958	WPBT 2 FL
0440 KCTV 5 MO	1158	KIII 3 TX	u, 10 .,,,	WPTV 5 FL
0501 +WDAF 4 MO	.,,,,	KMID 2 TX	1959	WTVJ 4 FL
0504 +KMOV 4 MO	1228	XEPM 2 CH	31 Es 2200	KNAZ 2 AZ
13 tr 0411 KARE 11 MN	ILLO	KENW 3 NM	J1 23 2200	INING C NO
0412 WCCO 4 MN	1229	KDBC 4 TX		
0418 WAVE 3 KY	18 tr 0630	K42## 42 ?? TBN	Cantamban 10	106
			September 19	
15 tr 0900 WKON 52 KY KE	l	CKCO3 42 ON	3 tr 0414	WLWT 5 OH
16 tr 0430 KCTV 5 MO		Detroit 50,56,62	0417	WXIX 19 OH

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

PDT

Equipment: Sylvania 12" black and white

August 1986	3 Es 1928	unid ch 3 movie w / Sp subtitles		SNC 2 KS 1100 ENW 3 NM 1115
1 Es 1940 unid chs 2, 3 2010 KMID 2 TX 1280	1945 2000		2018 KI	IMZ 2 NM 945 ISD 2 SD 1075
3 Es 1900 KCBS 2 CA 790 KEYTt 3 CA	2004 6 Es 1715	unid channel 5 KSNC 2 KS 1100	1713 KG	OTA 3 SD 740
KNBCt 4 CA 1907 KTLAt 5 CA	1743	KSNW 3 KS 1190 unid channel 4		VCN 2 CO 790 VIID 2 TX 1280

WI

1006

CDT

Western TV DX

Jeff Kruszka	(continued)				KXJB 4 ND 975
		1711	unid channel 5	2010	KXMA 2 ND 735
	unids chs 2-4	1740	KLNE 3 NE 990	2018	unids ch 3,4 PDT
1758	KBME 3 ND	1859	KNME 5 NM 960	2030	KTVUt 2 CA
	unid channel 5		unids chs 2-5		KIEMt 3 CA
1824 F	CXJB 4 ND 975	1944	KVBC 3 NV 690	31 Es 2159	unid channel 2
	XMA 2 ND 735	1948	CBWFTt 3 MB		KNAZt 2 AZ
15 Es 2008 F	NMZ 2 NM 945	2000	<u>KFYR</u> 5 ND <u>820</u>		
			<u> </u>		

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

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

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

27 hr 2220 FAMIL 2 ND 260 00 L 2016 STEEL ES OF 100

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

May 1986	27 tr 0330 KMTV 3 NE 360	20 tr 0046 CITY 57 ON 485
1 tr 0100 WTJR 16 IL 280	(Now CBS)	0059 WUAB 43 OH 400
10 Es 1200 WCTV 6(GA)	30 tr 0819 WEIU 51 IL 250	0103 CIII22 22 ON 510
25 Es 1429 KYCU 5 WY 865	0900 W57A0 57 IL 290	0104 WOIO 19 OH 400
1605 KXLY 4 WA 1430	(Robinson TBN & PTL)	0136 CKCO 13 ON 440
	,	0214 CKCO4 11 ON 470
June 1986	August 1986	0224 =KTHI 11 ND 445
5 gw 1145 WMSN 47 WI 8	7 tr 0135 = KDLH 3 MN 300	24 tr 1927 WOSU 34 OH 410
(Testing, 40dBmv	11 tr 0546 WDRB 41(IN) 400	1928 WCLO 61 OH 400
sig here. Whew!)	Es 2054 CKSA 2 AB 1170	1931 WNEO 45 OH 445
7 Es 1032 XHRIO 2 TM 1250	2254 CITL 4 AB 1170	WUAB 43 OH 400
9 tr 0314 WCPO 9 OH 375	12 ms 0200 KTBSt 3 LA	1939 WOIO 19 OH 400
(WGN off air!?)	15 ms 0107 CBFT2t 3 PQ	1952 WVIZ 25 OH 400
10 tr 0130 WJRT 12 MI 280	(Philips TP)	2123 WITE 28 OH 410
11 Es 1303 WDSU 6 LA 880	16 tr 2138 WCLQ 61 OH 400	2124 WSFJ 51 OH 420
15 Es 1203 KTVY 4 OK 610	18 tr 0156 CKCO 13 ON 440	2300 WYMT 57 KY 520
1230 KAMR 4 TX 890	CKC03 42 ON 370	2315 WKPT 19 TN 565
18 tr 0200 KNLJ 25 MO 350	CIII22 22 ON 510	25 tr 0009 WTVQ 36 KY 430
21 tr 0025 CICA 19 ON 485	0215 WJET 24 PA 465	0012 WCAY 30 TN 500
0050 CICO20 20 ON 360	0400 WBKB 11 MI 330	0047 WFAT 19 PA 570
26 tr 0316 WITV 4 IN 280	0434 @WVIZ 25 OH 400	0123 WBNS 10 OH 410
0421 WBNA 21 KY 400	0445 WCIU 12 PA 465	0151 WJHL 11 TN 565
0424 <b>WAVE</b> 3(IN) 400	(Through WISN)	0230 WETO 39 TN 590
0445 @WBIR 10 TN 580	0457 WUAB, WOIO OH 400	0346 WHAS 11 KY 400
0458 +WYMT 57 KY 510	0458 +WITE 28 OH 410	0501 WKYT 27 KY 430
0536 WDKY 56 KY 460	0500 WSEE 35 PA 465	0502 WDKY 56 KY 455
0558 WETO 39 TN 585	0516 WNWO 24 OH 315	0504 WLEX 18 KY 430
0626 WAFF 48 AL 585	(xWDHO, NW Ohio)	
0632 WHNT 19 AL 585	0525 WSFJ 51 OH 420	2258 WCLQ 61 OH 400
0644 WAAY 31 AL 585	0527 WBGU 27 OH 310	September 1986
(Station # 500)	(Formerly ch 57)	
28 tr 1429 K52AY 52 MO 310	0536 WCLQ 61 OH 400	1 tr 0356 WAKR 23 OH 420 0439 WUAB 43 OH 400
(St. Louis SIN)	0540 WAKR 23 OH 420	
29 tr 0200 KPTM 42 NE 360		
29 th 0200 <u>Kr III</u> 42 NE 300	0550 CITY 57 ON 465 19 tr 0112 K66BV 66 MI 315	0502 WOIO 19 OH 400
July 1986	(Detroit SIN)	0534 WVIZ 25 OH 400
18 Es 1228 WKTV 2 NY 710	(Best yet! Grant	WCLQ 61 OH 400 0535 WEAO 49 OH 415
19 tr 1035 $\overline{\text{KTVI}}$ 2 MO $\overline{310}$	would cry.)	
1130 WSIU 8 IL 375	0158 KELO 11 SD 400	
23 Es 1323 KTVM 6 MT 1170	0300 WBNS 10 OH 410	(Ft. Wayne WFYI-20)
-5 20 .525 <u>11111</u> 0 FR 1110	ODO WIND TO OH 410	(But w/WXON-20!)

		November 1900
Nate Ely (continued)	17 tr 0257 WBNS 10 OH 410	17 tr 0622 WTSFt 61 KY
	0437 WTVQ 36 KY 430	24 tr 0106 KELO 11 SD 400
3 tr 0055 WUAB 43 OH 400	0446 WHAS 11 KY 400	0116 KTSD 10 SD 545
0059 WSEE 35 PA 465	0518 W47ABt 47 OH	0131 KESD 8 SD 330
0126 WJET 24 PA 465	WITE 28 OH 410	0140 KPSD 13 SD 610
0153 <u>w08by</u> 8 wi 60	0534 WUAB 43 OH 400	0205 KQSD 11 SD 535
(Milwaukee LPTV)	WCLQ 61 OH 400	0300 KUSD 16 SD 485
( "Much Music" )	0540 WKYT 27 KY 430	Also many s MN
(My 1st V LPTV )	0545 WDKY 56 KY 455	xltrs and LPTV.
17 tr 0225 WVAH 23 WV 525	0554 WPBO 42 OH 420	0545 W49AF 49 MI 225
0235 WAKR 23 OH 420	0614 WCVN 54 KY 390	(Crystl Falls WGBA-26)

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

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

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

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

PDT

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

July 1986 26 Es 1236 KNMZ 2 NM 920 1341 KMID 2 TX 1225	17 Es 1052 KENW 3 NM 106 1114 KMID 2 TX 122 22 Es 1241 KOTA 3 SD 117	to your monthly newsletter for TV DX loggings. Any
August 1986 3 Es 1924 <u>KAVE</u> 6 NM 1040	1306 KTVQt 6 MT 1807 CKCK 2 SA 132 1948 CFSS 3 SA 122	information that can be pro- vided to me is more than welcome since I still have a
9 Es 0554 unid channel 6 tr 0606 KSBY 6 CA 262	2010 <u>CFAC</u> 2 AB <u>128</u> ; 31 Es 1315 <u>unid channel 2</u>	

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

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

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

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

August 1986 29 Es 1500 WPBT 2 FL 1300	30 tr 1945 WNTZ 48 MS 465 2012 KJTM 38 AR	0545 KSNT 27 KS
unid 2 Spanish 1900 WESH 2 FL 1100	September 1986	0615 KSHB 41 MO 0619 KZKC 62 MO
WDIQ 2 AL	15 tr 0553 KUPK-13 on ch 57	0936 KBIN 32 IA
30 tr 1900 KMJD 38 AR 400 1903 KHBS 40 AR 270	0615 KWCH-12 on ch 56 0813 KHTV 39 TX	0937 KYFC 50 MO 420 29 Es 1913 XEW 2 DF 1100
1920 WAPT 16 MS 560	0900 KLMG 51 TX	1942 XHTV 4 DF 1100

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

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

Oelp, please write to them. fm)

Paul Mitschler, 4911 Idlewilde SE, Albuquerque, NM 87108

MIXI

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

June 1986 26 Es 0800 2145 30 Es 0908 0930	WEARt KOABt KCRAt KEYT	3 FL 3 OR 3 CA 3 CA 725	1200 1230	KTVU KVIEt KVIQt WAVE	6 AL 1150 2 CA 6 CA 6 CA 3 KY 6 NI.	4 Es 1805 1828 2000	KNMZ off the air WMAB 2 MS WDIQ 2 AL KNMZ back on KBTX 3 TX 610
July 1986			1345	XEZ	6 NL 3 QR 3 ND	5 Es 0855	KCRA 3 CA KVIE 6 CA KRON 4 CA
17 Es 0930 1000	WSIL WCIA	3 IL 3 IL 922	29 Es 0917	WLBT	3 MS 6 LA	1130	KVIQ 6 CA KIEM 3 CA
19 Es 1700	WAVE KTVO	3 KY 1175 3 IA 850		KTBS	3 LA	8 Es 0835 0900	KIEM 3 CA KVIQ 6 CA
2107 2145	WCIA WISC	3 IL 3 WI 917	August 1986			11 Es 1000 16 Es 1100	KTVO 3 IA WREG 3 TN 950
23 <b>Es 0900</b> 1000 1030	KATC WRBL	3 LA 3 GA 1100 3 MS 848	3 Es 0730	XEZ	3 QR 3 QR	17 Es 1220 1225	KEYT 3 CA KCBS 2 CA
1055 1055 24 tr 0600	WLBT KIII KENW	3 MS 848 3 TX 735 3 NM	1240	KCRA	3 CA 3 CA 3 CA	18 Es 1935 20 Es 2107 21 Es 0905	XEZ 3 QR WEAR 3 FL WABGt 6 MS
25 tr 1230 26 Es 0855	KENW WEAR	3 NM 3 FL 1028	1945	KEYT	3 CA 6 CA	0930 2100	WLBT 3 MS KIII 3 TX
0905 1035	WLBT KCRA	3 MS 3 CA	2100	KSBY	6 CA 3 IL	22 Es 1022 1030	KCRA 3 CA KOAB 3 OR

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

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

(Dave sent a post card advising that his unid logging of Hit Video USA on channel 6! on July 28 has been identified as LPTV K61CU in Lincoln, Nebraska. fm)

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

Absolutely nothing to report. There was an opening here on September 21 as new member Sally Ortega logged KENW-3, KMID-2, and XEW-2. I was at the fire station so all I

could do was hear the DX by phone - say, can I count DX by phone? (Just kidding!)

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

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

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

MDT July 1986 25 Es 1710-1900 unids ch 2-6 9 Es 1800 unid ch 2 Mexico 7 tr 0800 KLMG 51 TX 504 Mexico. Jumbled 10 Es 2100 KXMA 2 ND 936 9 Es 0845 unid chs 2-6 ne mess. Went to FM CFSS 3 SA 1103 (Had to go work) 26 Es 0650 unids chs 2,3 ne 16 Es 1145 unids chs 2-6 12 Es 1859 WBRC 6 AL 959 27 Es 1647 WBRZ 2 LA 743 1156 WTMJ 4 WT 1067 1941 WSB 2 GA 1098 - 1648 unids chs 2-6 e 1159 WISC 3 WI 1013 WAGA 5 GA 1098 1945 1900 WDIQ 2 AL 1008 1200 KGAN 2 IA 878 15 Es 0800 unids 2-4 Mexico 1904 WSB 2 AL 1098 17 Es 1120 KTVU 2 CA 1116 tr 0810 KLMG 51 TX 504 28 Es 0820 KGFEt 2 ND 1135 KRON 4 CA 1116 17 Es 0820 unids chs 2-6 e 31 Es 1950 KTVU 2 CA 1116 -1144KVIE 6 CA 1071 WNOL 38 LA 830 tr 0845 1956 KRON 4 CA 1116 1150 KPIX 5 CA 1116 0846 WLAE 32 LA 830 1957 KPIX 5 CA 1116. - 20 Es 1829 WSB 2 GA 1098 Es 0931 WBAY 2 WI 1125 1830 WSAV 3 GA 1305 1400 KGAN 2 IA 878 August 1986 1831 3 GA 1067 1734 CBWFT7 2 ON 1215 3 Es 1000 KCBS 2 CA 855 1833 WTVY 4 GA 1067 2 IL 1040 1740 WBBM KEYT 3 CA 945 21 Es 0930 WSB 2 GA 1098 18 Es 1943 WLNS 6 MI 1215 KNBC 4 CA 855 0958 WSJK 2 TN 1170 2000 WBBM 2 II. 1040 1100 KTVO 2 MT 900 1000 WWI. 4 LA 830 19 Es 1735 WTWO 2 IN 981 1130 KXMA 2 ND 936 1203 KXMA 2 ND 936 KGAN 2059 2 IA 818 1659 XHGWT 2 BS 743 2228 KRON 4 CA 1116 2101 WBAY 2 WI 1125 1755 LA 2. 4 CA 855 2229 KTVU 2 CA 1116 2112 WIMJ 4 WI 1067 1900 KTVU 2 CA 1116 2230 KTVN 2 NV 1008 2113 WITI 6 WI 1067 2030 KSBY 6 CA 1004 22 Es 1900 unids chs 2-6 e 2115 WF'RV 5 WI 1125 2100 KPTX 5 CA 1116 28 Es 1300 WIVJ 4 FL 1508 2116 WOI 5 IA 788 KRON 4 CA 1116 1310 WCPX 6 FL 1359 3 MI 1148 2117 WWMT 4 Es 1815 unids chs 2-6 1312 WPTVt 5 FL 2122 KDLH 3 MN 1094 1920 XHAN 2 ON 21320 1326 WUFT 5 FL 1274 2321 WDTN 2 OH 1152 (Cancun, QN ??) ( 0 kHz-KTXT- 5) 20 Es 0910 unids chs 2, 3 e (Red Nac 7 OkHz) 1329 WESH 2 FL 1346 1811 KNBC 4 CA 855 2110 XHY t 3 YU 1400 WDIQ 2 AL 1008 1829 KEYT 3 CA 945 5 Es 2000 WJBF 6 GA 1238 WJXT 4 FL 1300 KCBS 2 CA 855 unids chs 2-5 1500-1600 unids 2-6 2312 XHAQ 5 BN 716 6 Es 1910 KEYT 3 CA 945 (Georgia and SC) XHBC 716 3 BN 1912 6 CA 1004 KSBY 2000 unids 2-5 Mexico (KCBS still in ) 2000 KCBS 2 CA 855 gw 2030 K12NH 12 NM 2319 KTLA 5 CA 855 2217 KPVI 6 ID 833 (Hobbs KOAT - 7)

(505)-396-3251

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

unids chs 2-6 e

(Had to go work)

KCBS 2 CA 855

unids ch 2 (two)

23 Es 0825

24 Es 1915

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260

CDT

KRPV 27 NM

(Roswell w/TBN)

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

KUTV

KBCI

KREM

KHO

2 UT 707

2 ID -990

6 WA 1226

2 WA 1226

September 1986

10 gw 2200

2218

2220

2259

7 Es 0001

		-
. August 1986	4 tr 0825 WKON 52 OH 437	18 tr 2136 WKON 52 KY 437
28 tr 2100 WCET 48 OH 400	WIVQ 36 KY 473	20 tr 2121 WCET 48 OH 400
31 tr 0907 WKOH 31 KY 467	WKLEt 46 KY	
(Snow free)		WKON 52 KY 437
	WXIX 19 OH 400	2125 WKLE 46 KY 473
WKMA 35 KY 499	7 tr 2030 WCET 48 OH 400	2138 WTVQ 36 KY 473
WFIE 14 IN 420	WXIX 19 OH 400	WXIX 19 OH 400
WEHT 25(KY) 420	10 tr 1915 WCET 48 OH 400	
WLCNt 19 KY		
	WTVQ 36 KY 473	WDRB 41(IN) 437
WBAK 38 IN 348	WKON 52 KY 437	23 tr 0715 KXLI 41 MN 334
(Lots of stations	LS 2050 WDKYt 56 KY	(Mpls-StP UHF's
booming in, but	tr 2050 WKLE 46 KY 473	
fast deteriora-		snow free, ex-
	10 011 100	cept 17. KSTP's
tion after 0935)	0830 WKON 52 KY 437	on 14, 22; edu
	17 tr 0629 WPTTt 22 PA	on channel 16.)
September 1986	WPGHt 53 PA	25 tr 1830 WIVQ 36 KY 473
4 tr 0825 WCET 48 OH 400	18 tr 2136 WCET 48 OH 400	
1 01 0000 10001 10001	10 CT 2130 MCET 40 OH 400	WGRB 34 KY 508

CDT

William Dra	eb (continued)	25 tr 2232 W57AR 57 WI (Sayner' WSAW-7)	28 tr 2042	WDRB 41(IN) 437 WTVO 36 KY 473
25 tr 1830	WDRB 41(IN) 437 WKONt 52 KY WCET 48 OH 400	26 tr 1902 WPTT 22 PA 480 2040 WCET 48 0H 400 28 tr 0730 Iron Mtn xlt 100	2054	WKPC 15(IN) 437 WXIX 19 OH 400 WNEO 45 OH 405
1837 2232	WRON 52 KY 437 WOSU 34 OH 395	2039 WCET 48 0H 400 WKON 52 KY 437 LS 2042 WDKY 56 KY 495		WEAO 49 OH 380 WGCN 52 OH WOSU 34 OH 395

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

Jeff Kadet, Box 20, Macomb, IL 61455

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

August	1986					
1 tr	2326	K42## 42 ?? TBN	16 Es 1029	KGBT 4 TX 1065		FL 1175
	1900	WPBTt 2 FL	1044	KRGV 5 TX 1160		FL 980
4 Es	1629	KGBT 4 TX 1065	1059	KIDY 6 TX 880	unid ch4	Spanish
		KIII 3 TX 960		KENS 5 TX 890	1807 XEZ 3	<b>Q</b> R 1225
	1700	XEZ 3 QR 1225	1148	8 KMOL 4 TX 890	1919 XHGCt 5	DF
		XHZ 5 QR	1200	) KACB 3 TX 840	2012 XHY 3	<b>Y</b> U 1295
	1725	XHGCt 5 DF		KENW 3 NM 820		TX 1065
	1730	XEFE 2 TM 1040	18 tr 0450		30 Es 0929 KMID 2	TX 890
	1732	XEFB 2 NL 1160	0529	WBGU 27 OH 360		
	1730	unid ch 4 Mexico		WUCMt 19 MI	1130 KPRC 2	TX 800
	1758	KMOL 4 TX 890	0600	) W46AD 46 MI 385		
	1810	KDBC 4 TX 1055	(Tra	verse City WCML-6)	September 1986	
	1844	XHAE 5 CU 1205	20 tr 0525		12 au 0130 Strong ch	
	2128	%unid channel 2	21 Es 1029		13 tr 0120 Huntsvill	
		(Spanish words )	1100		19, 31, 5	
5 Es	1500	XHRIO 2 TM 1085	22 Es 1130		0134 WCNX 46	
	1600	KMID 2 TX 890	1320		0213 =WATL 36	GA 575
	1621	WMAR 2 MD 725	1328		0320 <u>WTAT</u> 24	
		WTKR 3 VA 810	1347			SC
7 Es	1210	unid ch 2 Mexico	25 tr 0141			
11 Es	1030	XEPM 2 CH 1055		@WKPT 19 TN		
	1053	KNMZ 2 NM 890	0456	+WYMT 57 KY 450		
	1100	KNAZ 2 AZ 1180	_	@WJHL 11 TN 530	0520 @WATL 36	GA 575
	0255	@WCYB 5 VA 525	28 Es 1420		0544 &WTVC 9	TN 475
16 tr		KSLA 12 LA 580		(Weird TP)	WJCLt 22	
	0403	KBJRt 6 WI	1529			SC 780
	0448	WDBB 17 AL 535		XEZ 3 QR 1225		GA <u>690</u>
	0451	WTVA 9 MS 450	1630		(Wedge Ti	
	0600	WBMG 42 AL 575	1653		0700 WJSU 40	
Es	0900	WPBT 2 FL 1175	1720			AL 520
	1029	KIII 3 TX 960	1829			
	1029	KRIS 6 TX 965		wedu 3 FL 980	0840 <u>WCAJ</u> 68	AL <u>575</u>

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

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

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

Only two items of DX were noted this reporting period. A strong auroral opening was noted at 0100 on September 12. Auroral hash was seen right through high band VHF, and the low band channels were occasionally developing recognizable video, but no ID's were made. The other item of DX was a tropo opening to Iowa on September 26 producing KRIN-32

(395 miles) at 0930.

## SOUTHERN · FM DX

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

### YOUR OLD RELIABLE SFM EDITOR IS BACK

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

DON'T MISS GLEN'S LATIK DX!

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

rabbit ears.

Took our best receiver to my parents' place in FL this time and managed to increase totals about 40%. Bartow is just under halfway down the peninsula and is on a line between St. Fete. and Canaveral, somewhat closer to the Gulf side of the state. Constantly changing weather patterns with t-storms coming and going frequently made for many short time directional openings. Incredibly flat terrain make for easy 200 mile plus reception where station power and lack of adj. channel interference allowed. (Yes. I remember being surprised when I first saw FL topography, flatter than what I was used to in CK. DB) Best reception was after dark, although a few stations were logged only on sunny mornings. Biggest drawback was obviously the narrowness of the state, limiting the land area to work with. Adjacent channel problems were significant although we were a good 35 miles from Tampa, mainly due to the proliferation of 100,000 watters. These monster stations with their 1000' towers seem to have the dial pretty well tied up, forcing new stations onto already over crowded freqs., such as 105.5 where at least one pair of stations are only 65 miles apart, a very short distance for flat as a board terrain. On the other hand there are several freqs. that have no FL stations, although I can easily locate an area where one could operate without adj. chan. problems. However, I guess the same could be said for many areas. (Yes, most of what you said about FL is likewise in CK. DB) Not many stations signed off at 0000 Sun. night other than those which shut down every night (or at least every "weeknight") at midnight. This was disappointing because Monday AM is best time for DXing back in DC area. Re: aforementioned freq. crowding, have now received 5 of 9 FL on 105.5 and all except St. Augustine are within 90 miles of Bartow. Back in DC have picked up only four after years of trying! (Wipe that smirk off your face. Saul.) Hope to return here in Oct. or March.

8/14 tr 8/15 tr 2110 WAAC 92.9 GA Valdosta 0810 WRAV 92.1 FL Venice 2124 WRMF 97.9 FL Palm Beach 1142 WHLG 102.3 FL Jensen Beach 2141 WMXJ 102.7 FL Pompano Beach 2138 WTIC 96.5 CT Hartford 2146 WLOQ 103.1 FL Winter Park 2151 WJIZ 96.3 GA Albany 2329 WLVV 106.3 FL Holiday 2157 WUSL 98.9 PA Phila. 2346 WKZM 105.5 FL Sarasota 2258 WHYI 100.7 FL Ft. Lauderdale 2347 WGUL 105.5 FL New Port Richev 2349 WTMI 93.1 FL Miami 2352 WCKD 98.3 FL Arcadia 8/16 tr 2359 WQHL 98.1 FL Live Cak 1701 WADE 95.1 FL Jacksonville 8/18 tr 2056 WEDR 99.1 FL Miami 0127 WAIA 97.3 FL Miami 2107 WLRN 91.3 FL Miami 0729 WWLV 94.5 FL Daytona Bch 8/17 tr 0730 WLPJ 91.5 FL New Port Richey 0143 WKYD 98.1 AL Andalusia 0732 WVHG 92.1 FL Labelle 8/18 tr 0739 WOOJ 107.1 FL Lehigh Acres 0100 WNCM 88.1 FL Jacksonville 0746 WAXY 105.9 FL Fort Lauderdale 0139 WSCS 105.5 FL St. Augustine

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

Jim Pizzi, F. C. Box 1778, Lovington, 1	M 882	60 (505) 3	96-3251	MDT	
7/9 Es, in car		7/12 Es			
0853 WLAP 94.5 KY Lexington	1080	1835 WKEA	98.3 AL	Scottsboro, promo	1004
0855 KBKR 92.5 KY Owensboro, cl	968			Atlanta, 96 Rock	1098
0900 KCGQ 99.3 MC Gordonville, new cl	810			Atlanta, ID	,0
<u>7/12</u> Es	1			Gainsville, cl. wx	1274
1837 WGSB 105.1 AL Albertville, cl	990	cont	-,		
	<u> </u>				

7/15	Es,	in car				7/23 Es		
		102.1	٧E	R Veracruz, r, SS	1032	0842 KHSL	96.3	AR
7/17	<u>ES</u>	's 88-9	22	ens+		7/25 Es	920	_
<u>tr</u>	unii	5 00-	7 <b>~</b> ,	east	i	1710 to 1 1731 <u>XEQ</u>		
	Hous	ton, T	x Fi	Ms.	530	1815 XHRJ		
Es		,			ا مرر	18 16 XHNU	94.5	CR
	WMGN	98.1	WI	Madison, Magic 98	1013	7/26 Es	74.7	<b>G1</b> (
				Suring, tent.,g		0742 WBVM	90.5	FL
				rquette, ID	1364	0750 WFYN		
			WI	Green Bay, ID	1125 1060	0755 WSHE		
1038	WMJ A	92.1	WI	Spencer, cl	1060	0802 WAXY	105.9	FL
1045	WJPD	92.3	ΜI	Spencer, cl Ispeming, wx Spring Grove, promo	1215	(the prev	ious 3	he
1047	KQYB	98.3	MN	Spring Grove, promo	959	1118 WPAP	92.5	FI
1054	WDUX	92.7	WI	Waupaca, promos	1058	1119 XHRS		٧E
1101	WXPR	91.7	MT		1125 1215 1143	1123 XHRN		"
1121	MANE	92.5	UE	Toledo	1415	1126 XHVE		
1123	MRIO	93.3	IN	Kendallville	1143	1127 XHPR		
1124	UCZV	93.9	MT	Windsor, tent, oldi Detroit, ads Kitchender, ads Windsor, wx	1260	1232 WSOC		
1128	CYCL	96.2	UN	Vitchender ade	14:38	1232 XEJP 1305 WMHK	93.7	מת ענע
1130	CLOM	88.7	ON	Windsor wy	1262	1311 XHDK	OJ -7	JA
1135	WNWN	98.5	MT	Coldwater, ads, EBS	test	1312 XEBA		"
1136	WCSY	98.3	MI	Houth Haven, promo,	ads	1316 WFCX		
1140	WHME	103.1	IN	South Bend, tent.,	e			
7/19		,			۱ ۱	1317 <u>WNGC</u> 1336 WAKW	93.3	OH
		98.1	ТX	Laredo, r	460	1339 WMV O	93.7	OH
Es					İ	1340 WBZZ		
1739	WXCC	96.5	W۷	Williamsburg, ads High Point, promo Norfolk, cl	1220	1533 WYCQ	102.9	TN
1744	WOJY	100.3	NC	High Point, promo	1328	1536 WGLF	104.1	FL
1749	WCMS	100.5	٧A	Norfolk, cl Raleigh, ID	1539	1539 WWKA		
1751	WRAL	101.5	NC	Raleigh, ID	1430 [	1549 WSKZ		
1753	WBCT	100.1	ĨΝ	Bluffton, calls	1125	1555 WJST		FL
1754	KEZQ	100.3	AR	Jacksonville	657	1558 WSSP		
1756	unID	100.5	eas	st, ment. "thorntonb	urg"	1559 WKTK		
1759	WUSI	100.7	TN	Jacksonville st, ment. "thorntonb Cleveland, ID st, r, ph# 658-4488	657 urg" 1058	1707 WAPI		
2125	MUID	88 0	wT	st, r, ph# 658-4488 Hayward, Indian mx	1021	1712 WHMA	100.5	AL
2127	KOMC	92 1	MN	Waseca	916	7/27 Es		
2131	WYRO	92.1	MN	Little Falls, nx	916 999	1643 MORN	105.3	G A
2133	KXLP	93.1	MN	New Ulm. ads	900	1644 WPEZ		
2135	WSCK	92.9	MN	New Ulm, ads Duluth, tent., j	1	1712 WREZ		
2136	WTBX	93.9	MN	Hibbing, promo	1112	1716 WSTH		
2/20	173					4040 UOD		
1733	XETR	A 91.1	BC	N Tijuana, 91-X R Cuernavaca, tent C Zamora, Estereo col	797	1725 WMCG	104.9	G A
1737	XHCM	88.5	MCE	R Cuernavaca, tent	985	1726 WZZK	104.7	Βi
1740	XHZN	91.9	MI	C Zamora, Estereo col	or,ads	1729 WSGY		
1756	KIFM	98.1	CA	San Diego, ads	810	1730 WKEU		
1757	XHRM	92.5	BC	N Tijuana San Diego ", wx, K-Jo	797	1733 unID	105.7	WR
1758	KSDU	102.9	CA	San Dlego	810	1735 WHAY		
				", wx, K-Jo , ID , k	u	1739 WHMA	100.5	
1802		101.5		, 10 , k		1740 WMJJ		
1812	KSCN	97.3	C A	Fallbrook ads	805	1759 WACR 1801 WKMX		
1814	VI.27	106.5	CA	Fallbrook, ads San Diego, EZ-106	810	1804 WAAC		
1816	KOMN	92.1	CA	Escondido	801	1805 WDJC		
1821	KESC	96.3	CA	Los Angeles, g		1812 WJST	94.5	FI
1830	KSCA	88.7	CA	Santa Barbara, ID Santa Barbara	945	1813 WIGA	95.9	GA
1840	KHTY	97.5	CA	Santa Barbara	945 800	1814 WLCS		
1842	KCAL	96.7	CA	Redlands	800	1826 WJAD		
1845	KDAR	98.3	CA	Oxnard, ads, g	915	1830 WDLT	98.3	ΑI
1847	KDB	93.7		Santa Barbara, c	945	1834 WDDJ		
1900	KKLA			Los Angeles, g		1835 WAPE		
1902	KXLU	88.9	CA	Los Angeles, calls		1839 WTVY	95•5	ΑI
7/23					060	7/31 Es	00 -	
	WPLN			Nashville, ID	968	1959 KQED	88.5	U.A
	WNAZ			Nashville, wx	784	8/3 Es	OF T	۵.
0830	WOOX			Memphis, X-88 Conway, wx	704	1956 <u>kkHI</u> on vert.		C A
	KUCA WKQD	03 3 Ar•)		Tullahoma, ads	990	2000 KYUU		,,
		フノ・フ	7.11	ratteriones and	//-	~555 N100	17.1	

•			
7/23 Es 0842 KHSL	06.3	AD Disthoutile to	790
7/25 Es	90.5	AR Blytheville, *x	70
1710 to 18	330 mos	st all DF and Puebla FMs	
1731 XEQ	92.9	DF Mexico City, L, ID 9 MX Toluca GRO Acapulco, c 1:	960
1816 XHNU	92.5	GRO Acapulco. c 11	116
7/26 Es	,,,,	die noupulo,	
0742 WBVM	90.5		300
			⊦63 ⊦73
0802 WAXY	105.9	FL Ft. Lauderdale, ID	17
(the previ	ious 3	heard on car FM)	
1118 WPAP	92.5	FL Panama City, cl 10	071
1119 XHRS 1123 XHRN	95.5		)32
1126 XHVE			
1127 XHPR	101.3		
1232 WSCC	103.7	NC Charlotte, ads, promos 12	206
1305 WMHK	89.7	SC Columbia. cs	960
1311 XHDK	94.7	DF Mexico City SC Columbia, cs JAL Guadaljara, ads, promo	os
1312 XEBA	97.1	"	
1316 WFCX	97.1	GA Gainsville, cl	125 148
1336 WAKW	93.3	OH Cincinati promos	125
1339 WMVO	93.7	OH Mt. Vernon, OOLEM 12	238
1340 WBZZ	93.7	PA Pittsburg, ads	
1533 WYCQ	102.9	TN Shelbyville, cl FL Tallahassee, ads	977
1539 WWKA	92.3	FL Crlandom K92fm 1	359
1549 WSKZ	106.5	FL Crlandom K92fm 17 TN Chattanooga, KZ-106 16 FL Fort St. Joe, ad, T94 16	35
1555 WJST	94.5	FL Port St. Joe, ad, T94 10	094
1558 WSSP 1559 WKTW	98.5	FL Cocoa Beach, Whisper 10 Crystal River, cl 12	265
1707 WAPI	94.5	AL Birmingham, ads, I-95	ر.
1712 WHMA	100.5	AL Anniston, ads, promosi	013
7/27 Es			
1643 WDEN	105.3		148
		GA Macon, ads, EZ Hits 10	
1712 WREZ	106.1	AL Montgomery, cl 16 AL Alexander City, South-	004 106
1719 WSB			98
	104.9	GA Milan, Country 105 1	184
1726 WZZK			959 170
1729 WSGY 1730 WKEU	97.7		103
1730 WKEU 1733 unID	-0,00	miori, montegement, manification	5
1735 WHAY	105.5		355
1739 WHMA 1740 WMJJ	100.5	AL Anniston, ads 10 AL Birmingham, Magic 96,	013
1759 WACR	103.9	MS Columbus, tent, soul	-1
1001 HOWY			
	106.7	AL Enterprise, Max 106, c	L
1804 WAAC	92.9	GA Valdosta, wx, cl 1	L 193
1804 WAAU 1805 WDJC 1812 WJST	92.9 93.7 94.5	AL Enterprise, Max 100, c. GA Valdosta, wx, cl 1 AL Birmingham, g 9 EL bort St. Joe. promos T	193 9 <i>5</i> 4
1804 WAAC 1805 WDJC 1812 WJST 1813 WLGA	92.9 93.7 94.5 95.9	AL Enterprise, Max 106, c. GA Valdosta, wx, cl 1 AL Birmingham, g FL Fort St. Joe, promos, T GA Valdosta, ads 1	l 193 9 <i>5</i> 4 094 193
1814 MTC2	92.9 93.7 94.5 95.9 96.1	GA Valdosta, wx, cl 1 AL Birmingham, g FL Fort St. Joe, promos, T GA Valdosta, ads 1 FL Jacksonville, cl, Class	193 9 <i>5</i> 4 094 193 FY:
1814 WLCS 1826 WJAD	92.9 93.7 94.5 95.9 96.1 97.3	GA Valdosta, wx, cl 1 AL Birmingham, g FL Fort St. Joe, promos, T GA Valdosta, ads 1 FL Jacksonville, cl, Class GA Balnbridge, ads 1	193 9 <i>5</i> 4 094 193 FM 116
1826 WJAD 1830 WDLT	92.9 93.7 94.5 95.9 96.1 97.3 98.3	GA Valdosta, wx, cl 1 AL Birmingham, g FL Fort St. Joe, promos, T GA Valdosta, ads FL Jacksonville, cl. Class GA Bainbridge, ads AL Chickasaw, cl, 98 Ligh	193 954 094 193 FM 116 t
1826 WJAD 1830 WDLT 1834 WDDQ 1835 WAPE	92.9 93.7 94.5 95.9 96.1 97.3 98.3 92.1	GA Valdosta, wx, cl 1 AL Birmingham, g FL Fort St. Joe, promos, T GA Valdosta, ads 1 FL Jacksonville, cl, Class GA Balnbridge, ads 1 AL Chickasaw, cl, 98 Ligh GA Adel, ads 1	193 9 <i>5</i> 4 094 193 FM 116
1826 WJAD 1830 WDLT 1834 WDDQ 1835 WAPE 1839 WTVY	92.9 93.7 94.5 95.9 96.1 97.3 98.3 92.1 95.1	GA Valdosta, wx, cl 1 AL Birmingham, g FL Fort St. Joe, promos, T GA Valdosta, ads 1 FL Jacksonville, cl, Class GA Bainbridge, ads 1 AL Chickasaw, cl, 98 Ligh GA Adel, ads 1 FL Jacksonville, cl	193 954 094 193 FM 116 t
1814 WICS 1826 WJAD 1830 WDLT 1834 WDDQ 1835 WAPE 1839 WTVY 7/31 Es	92.9 93.7 94.5 95.9 96.1 97.3 98.3 92.1 95.5	GA Valdosta, wx, cl 1 AL Birmingham, g FL Fort St. Joe, promos, T GA Valdosta, ads 1 FL Jacksonville, cl, Class GA Bainbridge, ads 1 AL Chickasaw, cl, 98 Ligh GA Adel, ads 1 FL Jacksonville, cl AL Dothan, ID 1	193 954 094 193 FM 116 t 184
1826 WJAD 1830 WDLT 1834 WDDQ 1835 WAPE 1839 WTVY	92.9 93.7 94.5 95.9 96.1 97.3 98.3 92.1 95.5	GA Valdosta, wx, cl 1 AL Birmingham, g FL Fort St. Joe, promos, T GA Valdosta, ads 1 FL Jacksonville, cl, Class GA Bainbridge, ads 1 AL Chickasaw, cl, 98 Ligh GA Adel, ads 1 FL Jacksonville, cl AL Dothan, ID 1	193 954 094 193 FM 116 t
1814 WLCS 1826 WJAD 1830 WDLT 1834 WDDQ 1835 WAPE 1839 WTVY 7/31 Es 1959 KQED	92.9 93.7 94.5 95.9 96.1 97.3 98.3 92.1 95.5 88.5	GA Valdosta, wx, cl 1 AL Birmingham, g FL Fort St. Joe, promos, T GA Valdosta, ads 1 FL Jacksonville, cl, Class GA Bainbridge, ads 1 AL Chickasaw, cl, 98 Ligh GA Adel, ads 1 FL Jacksonville, cl AL Dothan, ID 1 CA San Francisco, ID 1	193 954 094 193 FM 116 t 184

". ID cont.

8/3 Es		8/3 Es
2001 KHTY 97.5 CA Santa Barbara, ID	945	2052 KBLX 102.9 CA Berkley,cl 1110
2003 KDDB 92.5 CA Paso Robles, ads	1012	2058 <u>KFIG</u> 101.1 CA Fresno, cl 959
2003 KJLH 102.3 CA Compton, cl, s	850	2101 KOJY 98.9 CA Dinuba, K-Joy 950
2004 KXFM 99.1 CA Santa Maria, r	990	2103 KWAV 96.9 CA Monterey, K-Wave 1070
2006 KDB 93.7 CA Santa Barbara, c	945	2104 KRQR 97.3 CA San Francisco, cl 1116
2008 KLFA 92.1 CA King City, SS	1035	2107 KKDJ 105.9 CA Fresno, ad, cl 959
2009 KSNI 102.5 CA Santa Maria, ads	990	2108 KLTK 107.5 CA Hanford, r 954
2010 KRUZ 103.3 CA Santa Barbara	945	2108 <u>KJUG</u> 106.7 CA Tulare, k 945
2013 KRTH 101.1 CA Los Angeles, tent.	855	2109 KSCL 107.7 CA San Mateo 1105
2014 KHAY 100.7 CA Ventura, ads. cl	923	2110 KITS 105.3 CA San Francisco, cl 1116
2015 KBAY 100.3 CA San Jose, cl	1080	2113 KYBB 100.9 CA Tracy, B-100
2021 KIGI 101.3 CA San Francicso	1110	2115 KYNO 95.7 CA 959
2022 KRAY 103.9 CA Salinas, SS		2121 KSLY 96.1 CA San Luis Obispo, ads, Sly96
2024 KLYD 97.7 CA Shafter, ads	915	2124 KLOI 107.1 CA Grover City, ads 1000
2028 KARA 105.7 CA Santa Clara	1084	2126 KFYE 93.7 CA Fresno 959
2029 KLZE 97.7 CA Los Altos	1090	2129 KIQQ 104.5 CA Atascadero 1008
2029 KMBY 107.1 CA Seaside	1067	2130 KFCG 104.5 CA San Francisco 1116
2032 KMEL 106.1 CA San Francisco, cl	1116	2145 KIWI 92.1 CA Bakersfield, c 910
2035 KLOK 103.7 CA San Francisco, cl		2146 KGFM 101.5 CA " ,b
2036 KHCB 104.1 CA Modesto	1035	
2037 KOSO 93.1 CA Patterson, KO-93	1035	2153 KCBX 90.1 CA San Luis Obispo, reggae mx
2046 KMYT 97.5 CA Merced, K-Might	1004	2154 KZOZ 93.1 CA San Luis Chispo 1004
2047 KNAX 97.9 CA Fresno, full ID		
		uple of long awaited openings to CA. Looking
		e eterned here due to oil crunch Anyone

Pizzi, cont.

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

It's hard for me to find the time to DX, let alone keep up with reports for publication, so I hope you'll find interesting this compilation condensed into my DX LISTENING DIGEST format, skipping

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

all merely domestic FM DX, and including a few opening-relevant TV catches.

COLOMBIA I used to be a very active FM-DXer, especially 13-14 years ago when I was in Von Ormy TX. Sporadic E DX is much more exciting than ordinary SW DX since it's either totally in or totally out, usually the latter, and is not very predictable; to get the most out of it, one must be prepared to surrender oneself to nonstop DXing when the skip is in. For about a decade, thanks to a crummy location in Knoxville TN, and for the past two years in FL where I have deliberately refrained from purcha sing an external VHF antenna. I have managed to avoid much VHF DX activity, giving me time for such things as publishing two SW-oriented magazines, broadcasts, etc. But in late July a severe geomagnetic disturbance set off some terrific Es openings for many hours a day several days in a row. Using on ly the supplied indoor dipole (which I quickly mounted on my rotatable MW frame loop antenna) I let my self get hooked into some FM DXing, since a lot of it was coming from Latin America; a lot of countries are within single-hop range from South Florida, one of the reasons I moved here, unlike any other part of CONUS. Even the Atlantic coast of Colombia is only about 1100 mi away, a prime Es skip distance, and one of the stations early in the opening was therefrom, my first SAm FM DX. (It turned out that not a single other SAm stn would be logged in the next few days, just several countries in Central Am, Mexico and the Caribbean, plus lots of US states.) 25/7 at 1342 UTC I found Es from Spanish stns on 92.1 and 89.1, a few minutes later on 88.5 and 96.1, but I stuck with 92.1 which was the first to cut from mx to anmts at 1347 -- adstring including one for "Maximo" at Calle 77. Carrera 74 esquina; Jabon Rexona; Cristalería Selman, Calle 70...something selling camisas y pantalones ... "en la ciudad

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

EL SALVADOR Previously reported several stns hrd by groundwave while in Guatemala; now some by Es hrd in Florida. 25/7 1505 UTC on 98.5 FSA about 'gracias, soldados salvadoreños', \$, 9:05 TC en "su cadena Cuscatlán, la onda de la juventud, Radio Cuscatlán," live DJ, Boy George mx; 1512 another ID in pass-

de Barranquilla"! and also addrs in Paseo Bolívar and San Blás; Super Calzado, Centro Comercial Acuario at Carrera 43, 59 sequina, and at 1350 jingle ID as "Me gusta más [etc.], Radio Olímpica Estreo" Actually it sounded more like "Limpic" between quick fades, but this correlates with the 1340 MW 7tm listed for Barranquilla in WRTH 86 (which is useless for FM itself--you'd never know it existed in LAm) By 5 mins later the opening was concentrating on Nicaragua; and Honduras, another 92.1 stn (gh) Very nice of Miami's Latin stn WCMD to have moved from 92.1 to 92.3 several months ago (gh)

Cuscatián, la onda de la juventud, Radio Cuscatián," live DJ, Boy George mx; 1512 another ID in passing from DJ named Falco. Also logging various Nicaraguans, Hondurans, Guatemalans, Mexicans, and then again at 1546 tear-jerker, Cadena Cuscatián to xmit from CR on domingo. By 1730 I was mostly getting Pennsylvania & W Virginia stns, but at 1731 98.5 was back w/ID, Optica Salvadoreña ad, sports, and at 1736 stiil the only CAm stn being hrd. I later had a letter from World of Radio listener Jesús Humberto Molina Melara, who is in the Depto de Cuscatián, at San Bartolomé Perulapía and on 25/7 betw 16 & 17 UTC hrd various US FM stns, incl "Personal Friend" on 108 MHz, and Ft Lauderdale on 105.9 -- ID sounded like "XC FM"-that was of course WAXY pronounced as a word Waxey--a nice proof of rectprocal path opening. At 1606 on 94.5 hrd ad mentg Zona Rosa, which may have been CCI from Mexico City, but then ad in colones, mentg Teatro Nacional, Santa Tecla, Sonsonate--which stn is this? (gh)

NOVEMBER 1986

SCUTHERN FM DX
DOMINGIAN REFUBLIC

FM DX by sporadic E [see COLOMBIA] -- had been getting Puerto Rico and El Salvador just before this opening, so was a bit difficult to sort out the likely Dominicans; 25/7 at 1800 UTC US stn w/mx in EG overridden by SP DJ, ad for Cia de Seguros San Rafael, 1801 TC for 2:01, ID as "HION, Radio Central en jingle "Saludos de Radio Central..."; 1805 in again w/meringue, on 92.5 MHz. Same type of mx then hrd on 94.3 at 1802, overriding semf-local in WPB, stereo pilot but mono audio; 1807 DJ with 2:10 TC, "Cucaracha I-K-V", romantic mx, 2:11 TC "en HIKV", 24 horas. Also had a Spanish preacher on 93.5, not a PR fq, at 1804 and a religious story in SP at 1814. Another meringue stn on 95,1 at 1805, and ID at 1808 started "Cadena..." before fade. At 1809 more meringue on 97.5. At 1810 an anmat on 98.1 seemed to mention "Siete" but maybe part of ad rather than ID. At 1811 on 101.1 2 stn one of which had ad for something at Avenida Duarte...esquina Barahoma en Santiago; seemed to mention "Radio Cique" or similar but clear "Z-101" (Zeta-ciento-uno) jingle ID followed; stereo. At 1813 on 99.5 rock in EG, Stereo, 1820 singing ad in SP for Optica Félix -- calidad a la vista, Presidente cerveza, but no ID, then EZL mx. On 103.1 at 1815 soft romx in SP. And at 1818 on 92.1 seguros ad, cerveza Bohemia, ID as "Hit-Classy-classy-classy..." and "Hits-92" or is it HITS-92; not in Sto Domingo? One more on 27/7 at 1209 on 89.1--luckily local 89.3 was off--but in & out, no anmts, \$, segues, 1236 still w/vocal, steel drum, 1240 ID as Radio Wow, request line 6-8-9-15-79 (and 689 is a Sto Domingo VIRGIN ISLANDS, US During 24/7+ sporadic E openings on FM, managed to pull some stns here past the PRs and other Latin stns: 2148 EG ancr on 95.1 while PR was in on 95.7 but no ID yet; 25/7 at 1557 reverb EG nx, "Isle-95 news time 11:58" not to be confused with Miami's former "I-95" on 94.9 which squeezed tightly with Mexico City on 95.3 at same time. With PR stns still in at 1634 had EG woman ancr on 99.5, w/hi blood pressure PSA, listing of jobs available, fades, but no definite clues as to VI but strongly suspect WIVI Christiansted, St Croix; also at 1813 had EG rock in \$ but DR stns were in then. 95.1 is WJKC Christiansted, but much prefers "Isle 95" ID; see also PR note on 100.3 (gh FL)

<u>GUATEMALA</u> several Es openings [see COLOMBIA] in July brought in Guat stms in the ideal kilomile range: starting with TV 20/7 2259 UTC on ch 3 had ad mentng Sexta Avenida, Zona Uno, a sure giveaway for Guat and Supercanal, mixing w/a Mexican. 2307 more 6a Av ad on 88.8 Fabulosa, ballgame coverage, 2330 ad for Super-something; 2321 on 91.9 Estéreo Saturno ID in passing; 2326 seemed to have non-IDing background max svc f/in/out on 86.0 but later realized it could be image of local 107.5 on 86.1 (-21.4 MHz)

25/7 was major opening, 1445 on 91.9 aeropuerto ad in zona 9, adstring incl canibales movie, Estéreo -Saturno ID again, a Guat City stn I'd pinned down locally while visiting there in Jan; referring to my list in July MODERN ELECTRONICS was most helpful. 1515 on 96.0 MSW talking, seems recipe show as Saturno 91.9 was still in at 1516; 1529 96.0 ads, distorted, Club de la Familia pgm, 62-9-16 phone. Guat-type addrs, mentg Zona 1; stays distorted as grows stronger, 15313 R Nuevo Mundo ID. At 1524 had ads on 98.6 ments 16 Avenida, Zona 11, so that'd be R Mundial, Guat City. At 1532 SP on 97.6 which'd be R Emperador, Guat City. 1533 on 88.8 Mejoral, 11antas ads. 1537 DJ w/anmts, no ID but surely Fabulosa. At 1542 on 97.0 undermodulated w/West Side Story's "America", perhaps Stereo-Jet from unknown location outside Guat City. At 1517 had EZL stn on 91.7 and at 1518-1520 another stn on 91.7 w/SP ad DJ talking in strange accent, weak; same fq much later at 1754 had SP ad, phone 52-33-88, seemed to ID as "J-M, Zacapa," mentd Edificio Santa Elena; the only Zacapa I know of is in Guatemala; WRTH is no help w/these, of course--pretending FM doesn't exist, and no corresponding calls w/MW stns there. Mos tly DR stns for a while, then more Guats at 1825 on 96.0 Guat ad; 1827 on 88.8 Guat history lesson w/ reverb but poor audio; 1827 on 88.1 \$ ads, Gestronela, Centro Hi-Fi, ID as Fabu-Estéreo; mx on 91.9 no doubt \$-Saturno; 1833 on 88.8 nx w/Guat ads, Flash-Econ, poor audio on live mike only; with 88s strong checked 86.0 again but nothing. At 1849 on 95.9, not 96.0 so maybe a diff stn or variant, rapid SP mx mentg a Zona, OK audio, definitely Guat, not #88.8, and at 1900 still traces of 95.9 the other Guats gone. 1907 88.8 back in; 1918 88.1, 88.8 and 91.9 for one last gasp before MUF falls below FM. On 28/ 7 had to settle for another relog of Canal 3, UTC 0144, 6a Avenida ad after credit roll, mix Mex (gh)

NICARACUA R Sandino had by sporadic E FM DX on 98.2 Miz, 25/7 soon after the opening began from Colombia [qv]: 1358 Nic nx M&W alternating, 1359 "manejar despacio" PSA to save gas; not // 6015. 1401 ID jingle w/fqs but faded exc for "...punto 5 FM". 1403 in drama about Brasil, lo mod but signal fully quieted; still at 1412 check, 1423 running credits--it was the novela "Cacao" by Jorge Amado, which runs M-F at this time, repeated at 4 pm "en Radio Sandino"; filled with Brazilian vocal mx to 1427 mosca PSA, "la salud del pueblo...defensa nacional", 1429 8:29 TC, ID. At 1459 TC for 2:9, ID as "R Sandino, audio de la Revolución, 750 kHz onda media, 107.5 FM; then "Así es Nicaragua," pgm of govt amnts. I suspect not too many FM stns are active in Nic; this was the only definite one, perhaps an unancd STL fq & its main fq is blocked here; only other possibility was on 92.1 at 1415 where I had an ad for electronic repair mentioning "córdoba" which could be Nic, but Colombia & Honduras too (gh) HONDURAS.

Also enjoyed some nice FM Es DX from here, one on same fq, 92.1 as Colombia [qv] hrd an hour earlier, 25/7: unID on 99.3 at 1418 tecnología ad, "en tu 99", W DJ in SP, EG rock, TC as 9:20 so mistake or diff stn such as Panamá than the 99.3 subsequently hrd: 1422 drive carefully anmt, 1455 Metro-Estéreo ID in passing, VP, 1501 "gane con Metro-Estéreo" promo but no clues as to location; the UTC-5 TC earlier could also point to Guatemala if actually on DST tho when I was in Guat City no such stn was hrd on 99.3. More definite catches: 25/7 1437 on 92.1 diploma ad for NCR en Tegucigalpa, Estéreo-Mil ID, 1441 jingle for same, jabón Lempira ad [well, we name rent-a-cars after dollars...], EG rock. And at 1456 on 100.3 SP mixing w/semi-local WXOS, \$, another jabón Lempira ad, one for kilométrico, Al ka Seltzer presenta...la voz de Ariana, apparently name of singer rather than stn; 1502 adstring mentioning San Pedro Sula and El Progreso; 1509 ad jingle, ad for Publigráficos de Honduras. Don Moore, can you help on these? (gh) Naturally, the WRTH is of no help, refusing to publish FM listings (gh)

MEXICO E FM DX openings in late July not only brought in Colombia [qv] and several CAm/Carib countries but lots of Mexicans, so much more enjoyable than MM/SW DX since audio can approach perfexion & you never know what'll pop in next; starting with: 25/7 1539 and seriler rock closer to 90.0 than 90.1 & 9:40 TC, ID as "Estéreo Waoo" as it is spelt in listings, presumably Spanish rendering of "Wow"; this is XHSAT, nom. 90.1, 30 kW at Villahermosa, Tabasco, not to be confused with Dominican on 89.1. Again at 1842 rock, 1845 Cristal, pelfculas videocentro, restaurante ad in Colonia Florida, Restaurante Bocas del Rio, ID slogan; and 26/7 2210 mentng Villahermosa, 2216 ad for Alfonso's, ID; 27/7 2358 salsa, ID, 6 pm TC; each time fq slightly separable from fringe signal from WSFP-90.1 Ft Myers FL & more like 90.0 MHz. Next, several Mexico DF stns: 25/7 1549 more like 92.8 than nominal 92.9 tho lo-

cal WTMI-93.1 may have skewed reading -- Novedades ad, Tropi-Q ID, i.e. XEQ, 200 kW. 25/7 1552 on 94.5 cl mx while DF stns nearby were in, Opus 94 XHIMER, format chex as in frequent IMER institutional ads in Mex DF nxpapers via Owen Williamson -- no more KLEF in Houston, tho stn is missing from FM Atlas & other listings perhaps due to non-commerciality and recent activation on one of the last remaining 'holes' in the Mex DF FM spectrum. 25/7 1553 on 95.3 mention Nezahualcoyotl [probably the largest city in the world no one has ever heard of -- 2 million plus and bigger than Guadalajara--since it s usually lumped into metro Mexico City], no doubt XHSH R Amistad 10 kW México DF, further confirmed by 1600 Grupo ACIR nx; also 27/7 as the opening was dying out at 2331, SP mx briefly on 95.3, then goneprobably this instead of Tampico as had been getting DF area TV and followed by XHSAT-90.0. Back to 25/7 arnd 1600 note that I was also getting PR & VI stns at same time! Then Mex skip shifted to Veracruz: 1604 on 93.3 5 de Mayo addr, lentes ad, phone 31-28-00 in Veracruz; this is XHRS per one source or XHPS per another, 10 kW, FM Globo Stereo, Again 26/7 2207 SP vocal romx, 2223 ad for Papelería Tokio en Veracruz, and ID hrd as "FM Globo Stereo"; 2236 awful audio in ad for Zapateria Rodriguez, ID jingle; 2246 ID again and Tokio ad. 25/7 1610 on 101.3 ID as "PR," i.e. XHPR La Romantica, 160 kW, Hotel San Antonio ad by sexy F voice, en Veracruz; 1617 Hotel Puerto ad there. Again 26/7 2228 romx when other Vcz stns in. 25/7 1612 on 102.1 EZL w/CCI from another SP stn, 1614 ment Vcz; 26/7 2228 romx in \$, 2239 ad for Salinas y Rocha en Plaza Mocambo, 2241 finally ID as "Stereo-Rey," a nationwide chain, call here being XHVE; anti-rables PSA, Regalos Grétel ad, Festival del Bebé, ID tape suffered from wow tho stn not called this. 25/7 by 1901 the skip had shifted up to Monterrey NL, on 91.7 one of the few totally clear fqs here since WYFR-FM is still not on, mentg gobierno del Distrito Federal but 1903 closing "Noti-Radio" nx w/US baseball scores, "Sonido 90" ID and 1:04 TC, droguerías Monterrey, and local PSA; 1908 Sonido 90 ID again and 330 temp. This is XHXL which in the dim past may have been on 90.7 whence it got its name and where it still appears in some listings. 25/7 1906 on 95.7 a Dos-Equis ad, probably XHRK Monterrey, Estéreo-Rock, and same as SP nx 26/7 2200. 26/7 2202 on 95.3 Tampico's FM Globo Stereo, listed as XHOX, 15 kW, 2204 Carlos Tacos in UPI nx, 286-phone prefix. 26/7 2226 SP on 96.5 probably XHRN La Tropical, Veracruz whilst other Vcz stns in. And 2229 on about 103.8 SP ad w/fanfare, in pesos, Cinema ads, Bradbury films, OC, "...en Eco, trabajando para tí..." Plaza Mocambo shopping center so most be stn listed on 103.7, XHCS, "Eco 103", 60 kW in Veracruz, Its neighbor also seems off fq on 103.0 at 2232, refaccionaria San Martín ad, "Stereo-Oro" ID so that's listed XHTS 30 kW on 102.9. At 2235 on 99.7 SP ad, probably another Vcz stn, XHPB Salsa 99, and at 2246 on 96.9 CCI to WINK probably Jalapa. Of course during all this, Mex lowband TV stns must've been coming in but w/much QRM and I concentrated on FM, noting only: 14/7 2150 SP ch 3 west, 2200 XEW-TV pr omo, so XEZ El Zamorano Qro. 20/7 1830 SP from west, probably same, 2000 Round Cero pgm super XEZ ID, & 2007 Para Gente Grande, pgms familiar from SIN at other times; 2150 XEW promo and XEZ ID visual, 24/ 7 2130 ID 5 mins after WIPM Mayaguez was in, for XEZ. 25/7 arnd 1930 on ch 3, a CONASUPO PSA, surely a Mexican but unID; that's a govt agcy acronym. 27/7 at 2310 2 SP stns about 20 kHz apart on ch 3, one w/EG movie subtitled, the other with "Tú Eres Mérida" promo urging nice treatment of turistas, so XHY. 2329 on ch 3, XEW audio ID, no doubt XEZ. 28/7 0058 on 3 XEZ ID & Siempre en Domingo // SIN & WLTV-23. A few more FM observations not by Es but groundwave as I was driving thru Del Río & SW Texas: On

Hauser, cont.

107.9 3/8 2140 SP vocal mx, nothing listed in FM Atlas, 2145 IDs as "Estéreo-Hits" or "-Mil," I'm not sure which, local adstring for Piedras Negras, listed elsewhere as XHPC but callsign never hrd, not even at 2159. The stn on 99.9 hrd at 2143 IDing as "Cristal FM, transmite en estereo-digital" -- that's XHSG in Piedras Negras. The Ciudad Acuña stn on 99.7 did not become audible until I was w/in 15 mi of Del Río, 2219 promo for Feria Amistad Acuña, ads, mentd "hoy Sábado" tho it was Sunday; 2229 DJ IDed as XMPL. Radio Festival, not "la maquina musical" as in some listings; spotty reception even in Del Rio. Noted XERF-1570 4/8 0128 introducing Mozart's Symphony No. 40, but record skipped. The border stns listed in FM Atlas on 105.5 and 95.5 were never hrd, but 99.1 and 94.5 became audible near DelRio. PUERTO RICO More sporadic E DX from July: 24/7 2125 on ch 3 giving time in Mayaguez, so WIPM; quickly checked FM and found apparent PR stns on 88.1, 88.9, 89.7 occasionally overriding local WMCU; 92.5, 93.7, 95.7, 96.9. At 2135 on 98.5 ad for Dominican merengues at the Salon Villareal, singing ID as Salsol 98, so that would be WPRM San Juan [calls seldom heard, and taken from FM Atlas #10; many of the stns sound familiar from previous monitoring in the Caribbean]. And on 100.3, \$tereo oldies in EG seems Es, see below. 2140 SP mx on 98.9, ad on 98.3. 2143 SP mx in \$. At 2144 on 96.9 \$ pilot but mono religious talk, probably WNRT Manatí tho lo-power. At 2145 95.7 jingle as "Fidélity", ad for Eastern Airlines serving PR; WFID Rio Piedras. 2148 on 96.1 \$ mx in EG, believed PR. At 2149 on 100.3 SP DJ overriding EG semi local WXOS. No PRs listed here, just VI which'd likely be EG; could've been DR stn. 2151 on 104.7 EG rock, likely WKAQ San Juan. At 2154 on 96.5 boxeo ad from WDOY Fajardo; 215 6 on 88.1 R Revelación, 88.1 ID, i.e. WCRP Guayama. At 2156 joint visual ID for WIPR-6 & WIFM-3 seen on 3. 2158 88.1 w/obit. 2159 on 98.9 Sensación 99, time as 6 pm, EG rock when most others were out, probably WSAN Vieques. 25/7 while concentrating on Mexico, PR popped in too at 1554 on 95.7, \$, Bud-Lite ad, Luis Freyre store, Fidelity ID, EG rock; on 96.5 SP mx. Later PR dominating: 1621 on 95.7 WFID again claiming to be on "95 y medio"; 1622 on 93.7 plays promo, Z-93 ID [whence calls WZMT for Zefa Moventa y Tres; San Juan]. 1623 on 88.1 SP preacher again; 1625 on 98.5 cerveza, ron ads, rap song. 1628 on 101.9 merengue from WZAR Ponce as hrd later. 1630 on 98.5 merengue, maybe DR as co-chan nel from another stn w/ad for studio apts in dólares, Caguas, adstring, finally Salsol 98 ID. [VI stn also hrd, qv] 1637 on 96.5 ads for voleibol, as heavy local T-storm approached, culminating in oneminute power failure at 1641. 1644 on 96.9 SP gospel, EZL again, 1646 anmt that "nuestra programación gusta más," which I dispute, 12:49 TC, live DJ, birth-day wish but no ID. 1652 on 101.9, DJ in SP ad mentg Ponce, so WZAR. 1656 on 106.9 SP rount [WSRA Guayama], 1658 on 107.3 mix of EG and SP; 1702 on 104.1 SP talk overriding WXTR in Maryland, and at 1709 preacher // 105.5. 1704 on 104.7 promo for Instituto Educativo in Bayamón, Carolina. 1707 on 105.5 SP preacher on phone w/hum, seems live remote from NY Cruzada, Bayamon addr [WRFE Aguada]. 1709 on 105.7 SP [WCAD San Juan]. At 1712 on 100.3 \$ merengue, Salsa 98[!] ID at 5-min fast TC for 1:17; not #98.5 or 98.9; ad for Aguadilla, also mentg Vieques. What is this -- a translator? (gh, Tamarac FL) Oh, the 104.1 gospel was WERR Utuado

The to David Gleason in PR, who runs a me-syndication business Música en Flor, carried on many LAm stns, for some details on my DX: Z-101 on 101.1 is HIGB in Sto Domingo, one of the stns he programs, 50 kW ERP from a 50m tower. 92.1 is "Hits-92", another all-merengue and salsa stn [in which city, and is the callsign actually HITS?]; 89.3[sic] is Radio Wao; name means nothing. The song hrd on R Wao is "Cole" by New York Band, on Karen Records, the owner of Z-101! And he says 5 new FMs are sked for Sto Domingo, and another 10 to 12 in the interior; several are going to 100 kW

SCUTHERN FM DX

1926 KSYZ 107.7 NE

KMCX

KCNT

KGNU

KCSC

KRVN

KYEZ

KMCS

KEBC

1927

1937

1937

1937

1937

1937

1938

1939

1939

1939 KXXY

1942 KBXR

1942 KRLG

1949

1941 KECO

1943 KZBS

1943 unID

1948 KJYO

1951 KKNG

KOFM

912

1085

1262

837

332

970

736

837

837

953

914

NB

ΞE

CO

KS

88.5

90.1 OK

93.7

93.1 KE

93.9 KS

94-3 OK

94.7 OK

96.1 OK

96.5 OK

97.3 OK

98.1 CK

98.9 ok

100.3 k

102.7 OK

104.1 OK

92.5 OK

Matt Sittel, 220 Brookfield Dr	. Kingspo	rt, TN 37663	(615)239-9186	EDT
Equipt: NEWSony STR-AV 340	tuner, GE	7-4875A clock	radio, CM 1160	Quantum Antenna at
34' AGL/ 1453' A.J.				
August 1986 5 Fs 1818 WEZE 22 9 VT	7L3	1	1052 KDA	v 065 ov 7h7

1 1900					t .						
1818	WEZF	92.9	VT	743			1953	KRAV	96.5	OK	747
1819	WNTQ	93.1	NY	567			1957	KRPT	103.7	OK	891
1820	ur ID	93.5	r		l		2001	KQTZ	105.9	OK	941
1821	WKXZ	93.9	NY	563			2003	KISR	93.7	AR	67 <b>8</b>
1821	unID	94.1					2007	KSCB	107.5	KS	1024
1821	WYYY	94.5	NY	567			2008	KDLZ	107.5	TX	887
1821	CFLX	95.5	PQ.	834	1		2106	KNFO	95.5	TX	936
1821	unID	99.7			i		2138	KNIN	92.9	TX	936
1823	CFGL	105.7	PQ.	784	İ		2138	KSAQ	96.1	TX	1053
1823	WPYX	106.5	NY	634			2139	KAJA	97.3	TX	1053
1826	WLVY	94.3	NY	497			2140	KLLS	100.3	TX	1053
1829	CBV	95.3	PQ.	927		10 Tr	1846	WHAJ	104.5	WV	95
1830	CJFM	95.9	PQ.	783		12 MS	0016	unID	92.9		
1834		0 101.1		834			0034	WBBM	96.3	IL	471
1835	CJRT	91.1	ON	526		13 Tr	1102	WMUU	94.5	SC	113
1835	WQNY	103.7	NY	527		-5	1141	WRDU	106.1	NC	267
1836	WKPQ.	105.3	NY	486	ŀ		1150	WANS	107.3	SC	128
1838	CBF	100.7	PQ	783			1201	WSEZ	93.1	NC	130
1840	CIBL	104.5	PQ	783	Į.		1205	WXLK	92.3	VA	158
1841		1 102.7		834	l		1214	WNAA	90.1	NC	130
1841	WMHR	102.9	NY	567	}		1216	WFDD	88.5	NC	159
1842	CHOM	97.7	PQ	783		GW	1232	WSWV	105.5	VA	44
1844	WEZG	100.9	NY	581		16 Tr	1114	WSM	95.5	TN	246
1911	KILO	93.9	CO	1230	İ	21 Tr	1538	WZEZ	92.9	TN	246
1911	KSPZ	92.9	CO	1230			1538	WKTG	93.9	KY	. 282
1911	KKFM	96.5	CO	1230		28 Es	1646	KITY	92.9	TX	1053
1913	unID	92.5	cj		ł		1651	KSAQ	96.1	TX	1053
	uiiiD		CJ		ł		1653	KAJA	97.3	ŢΧ	1053
1914	KEZU	94.5	KS	1019			1653	KLLS	100.3	TX	1053
1916	KJCK	94.5	KS	808	1		1653	KZFM	95.5	TΧ	1055
1917	KRXL	94.5	MO	608			1656	KGKL	97.5	TX	1170
1918	KDCK	95.5	KS	970			1657	KZEP	104.5	TX	1053
1918	KZZC	98.9	KS	711		29 Es	1946	KZFM	95.5	TX	1055
1919	KWKR	99.9	KS	1044			1949	KITY	92.9	TX	1053
1922	KQLS	100.3	KS	1033			1950	KRYS	99.1	TX	1055
1923	KJCO	100.9	CO	1127			1952	KSTE	93.9	TX	1055
1923	KVUU	99.9	CO	1241			1953	KSTX	89.1	TX	1053
1923	KSPK	102.3	CO	1232		30 Es	1102	KGNZ	88.1	TX	1088
1924	KJLS	103.3	KS	936			1107	KNFM	92.3	TX	1174
1924	KNA B	104.1	CO	1025			1108	KTXE	93.9	TX	1170
1924	KRLN	103.9	CO	1254			1115	KBIL	92.9	TX	1170
1925	KZMC	105.3	NE	1016			1143	KTXT	88.1	TX	1116
1925	KMXX	105.5	CO	1152		$\operatorname{Tr}$	1302	WSM	95.5	TN	246
1925	KQKY	105.9	E.	943			1303	WZEZ	92.9	TN	246
1925	KAZY	106.7		1242				- 18V	777		
1925	KRXY	107.5	೧೦	1242				OF REAL			



September 1986							
13 Tr	აგ36	WNKS	102.9	GA.	313		
	2257	WMBW	88.3	TN	186		
	2259	WZEZ	92.9	TN	246		
	2301	WDOD	96.5	TN	186		
	2304	WUSY	100.7	TN	166		
	2306	WSKZ	106.5	TN	186		
	2307	WKZL	107.5	NC	130		
	2342	WTQR	104.1	NC	130		
	2359	unID	58.?	??	CDT		
29 Tr	0651	WZGC	92.9	GA	216		
	(fi	rst lo	gging on	STR-	AV 340		
	1550	WHLZ	92.5	SC	246		

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

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

Now, I would like to announce that the "Bumper Sticker Trading Post" is under planning by none other than me. Many DXers have expressed interest in it, so I am going to hopefully get it going. What I have planned is this: The DXer will send in 10 of his local station's bumper stickers along with \$1 to cover postage. In return, 10 bumper stickers, all different, will be returned, along with promotional info if received. At first, I suggest that no money be sent in. At first, just send in the stickers. If you have more than 1 set of 10 you would like to send in and not receive any in return, or send in 2 sets but only want 1 sent back would be fine. Really, it means if you can send in many of them, or donating, really please do. With the help of all DXers, you can get an assortment of bumper stickers from all across the USA, and you Canadians are welcome, too, as to make a REAL assortment). Also, tell your non-DXer friends who collect them to send in, too. Maybe it can be a huge thing. So, by the time you are reading this, I will be ready for them, so send them on in. If you have comments, suggestions, etc., let me know. Also I hope to make a 90 minute tape full of ID's of all sorts, which I hope to have ready for sale or trade by the time this is read. I'd be interested in hearing other DXer tapes, too. Already I have heard tapes of ID's from Dave Nieman and John Sullivan. Thanks a lot They were great. Hope to hear from you DXers out there, so I can get the bumper sticker trading post going and growing.....?3's. (And I still have TVG's to get rid of.)

Bill Townshend, 4500 Conn. Ave., NW;	#901, Washington, DC 20008	EDT
Equipt: Fortavision 55		
6/9 tr	8/1 tr	
0755 WSVS 104.7 VA Crewe, k	0810 WRAR 105.5 VA Tappahan	nock
6/10 tr	0848 WCTD 107.1 MD Federals	
0755 WCWI 102.9 VA Norfolk	0806 WESR 103.3 VA Chancock	
6/19 tr	TOOLS WEEK 103.5 TR Chameter	
0753 WNNN 101.7 NJ Canton, g	8/8 tr	
7/20 tr	0849 WCAU 98.1 PA Philadel	-1.4 -
0920 WXRI 105.3 VA Portsmouth		pnia
UPEO WART IOD.) VA POPUSMOUTH	traffic rpt. on NJ 70	

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

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

Eric	Bueneman, 836 La	amplight Lane, Hazel	wood.	MU 63042		
8/18	tr(from Lincolns	shire, IL vaction)		8/18 tr		
2133	WNZE 94.3 IN PI	lymouth	105	2145 WOOK	105.7 MI Grand Rapids	145
2134	WJFM 92.7 MI Gr				107.7 WI Milwaukee	70
2137	WDOW 92.1 MI Do				GCI 107.5 and WAUR 107.	
2140	WVPE 88.1 IN E1	lkhart			99.1 WT Milwankee	'

SOUTHERN FM DX

Keith Pugh 222 Martin St New Hone	AL 35760  Trher 18db amp, Archer 6 el. at 30' AGL 6/11 as 1200 KGAR 106.3 TX 885 1206 KUHF 88.7 TX 620 1205 KOYE 94.9 TX 895 1221 LAROS 99.9 TX 810 1226 ALTY 92.9 TX 765 1223 REXL 106.7 NE 780 1244 KINR 92.1 TX 760 1254 KAJA 97.3 TX 765 1300 KTSD 91.1 SD 950 1301 KOIR 88.5 TX 900 1302 KAZI 88.7 TX 700 1307 KMIT 105.9 SD 895 1221 KCGH 101.5 KM 920 1328 KERF 103.5 ND 1130 1324 KMCA 106.3 MN 1020 1328 KERF 103.3 MN 980 1336 KBJJ 107.1 MN 855 1339 KEYA 88.5 ND 1200 1345 KDGM 99.9 ND 1210 1521 KGGR 99.9 NE 700 1539 HEYA 88.3 VA 580 1544 WFGS 90.3 VA 580 1544 WFGS 99.9 ND 1210 1551 KSBJ 97.3 VA, prev. ms 570 1559 KRH 99.9 ND 650 1603 MGL 102.5 MD 630 1610 KAFL 97.7 DE 660 1611 KSEA 93.5 DE 659 1617 MAYY 95.1 NJ 710 1622 KDSD 94.7 DE 661 1630 CSUH 100.9 CM, tent. 1636 CKW 103.1 RB 1230 1700 CKX 9c.1 NB 1261 1717 KHH 97.1 ND 1210 1723 KFT 101.9 ND 1220 1726 KIZZ 93.7 ND 1210 1723 KFT 101.9 ND 1220 1726 KIZZ 93.7 ND 1210 1723 KFT 101.9 ND 1220 1726 KIZZ 93.7 ND 1210 1723 KFT 101.9 ND 1220 1726 KIZZ 93.7 ND 1210 1729 KFT 68.9 ND 1210 1729 KFT 68.1 TX 880 1900 KFT 68.9 ND 1210 1729 KFT 68.1 TX 880 1901 KFT 68.1 TX 880 1901 KFT 68.1 TX 880 1901 KFT 68.1 TX 880 1901 KFT 68.1 TX 880 1901 KFT 68.1 TX 880 1901 KFT 68.1 TX 880 1901 KFT 68.1 TX 880 1901 KFT 68.3 NN 1160 6/12 BS 0900 KFT 92.9 ND 1165
Squipt: J. C. Penny #3921 nortable A	rcher 18dh amp Archer 6 el at 30' ACL
6/7 %s	6/11 de
1145 KUWR 91.9 WY 1130	1 1200 VC AD 106 3 TV 885
1153 KNEB 94.1 NE 1060	1200 KUME 88 2 TY 620
1206 KRQU 102.9 WY 1130	1208 KOVE 94 9 TX 895
6/8 Es	1221 KNOB 99.9 TX 810
1024 KKLS 93.9 SD	1226 h TTY 92.9 TX 765
1045 KRCS 93.1 SD 1140	1223 KEXT 106.7 NE 780
1048 <u>KSDZ</u> 95.5 NE 998	1240 KHOK 100.7 KS 740
1227 KFKE 95.7 CO 1075	1244 KTNR 92.1 TX 760
1233 KHIH 94.7 CO 1085	1254 KAJA 97.3 TX 765
1239 <u>KBCC</u> 97.3 CC 1085	1300 KTSD 91.1 SD 950
6/10 Es 920	1301 KCIR 88.5 TX 900
1141 MFCR 00.5 MA	1302 <u>kazi</u> 88.7 TX 700
1100 mms 07.5 mm 1015	1307 KMIT 105.9 SD 895
1152 MPD( 92 3 MP 1082	1321 KCGN 101.5 NM 920
1152 WHMP 99.3 Ma 910	1323 <u>RZZY</u> 103.5 ND 1130
1158 WSSH 99.5 MA 968	1324 <u>KMCA</u> 106.3 MN 1020
1159 MLIB 97.7 NY 820	1328 KBRF 103.3 MN 900
1200 WUNH 91.3 NH 995	1330 KBJJ 107.1 MN 033
1201 WROW 95.5 NY 875	13)15 KETA 00.3 MM 800
1203 WCTX 92.1 PA 649	1/00 KBO) 90 9 MD 1210
1215 WRKS 98.7 NY 790	1521 KCOR 99 9 NE 200
1218 WMUA 91.1 MA 920	1530 WHOV 88 3 VA 580
1834 KAMZ 93.1 TX 1160	1544 WEOS 90.3 VA 560
1838 WKQS 99.9 FL 676	1551 WSBS 97.3 VA.prev. ms 570
1840 JBC 91.1 Jamaica ?	1554 WOCO 103.9 MD 640
1855 KTNT 93.5 NM 1030	1559 WKHI 99.9 MD 650
1908 <u>JBC</u> 97.3 Jamaica	1603 WOLC 102.5 MD 629
1917 unID 91.3 "Listereo Hoya"	1608 WICO 97.5 MD 630
2129 KUNM 90.1 NM 1160	1610 WAFT 97.7 DE 660
2136 KRWG 90.7 NM 1165	1611 WSEA 93.5 DE 659
2159 KBNL 89.9 TX 890	1617 WAYV 95.1 NJ 710
2228 KQXT 101.9 TX 765	1622 WDSD 94.7 DE 661
2230 KPEZ 102.3 TX 710	1630 GEQH 100.9 ON, tent.
2233 KSAU 90.1 TA 755	1636 CKWC 103.1 MB 1230
2071 VACU 102 1 MY 219	1700 CKX 9c.1 MB 1261
2301 <u>VOV</u> 7 88 1 my 780	1717 KHHT 97.1 ND 1210
2303 VCV 01 3 TY 035	1723 KETO 101.9 ND 1220
2305 VATY 02 3 TY 270	1726 KIZZ 93.7 ND 1210
2300 KMMI OR 2 TY 825	1730 SMFH 88.9 ND 1210
2319 KRZA 88.7 CL 1110	1745 6.45 91.9 80 1085
2329 KMLQ 91.5 RM 1160	1740 175a 92.1 5A 1415
2332 KNMW 105.9 NM 1085	1753 <u>M114</u> 90.1 MD 1280
2341 XET 94.1 NL	1800 KGC 93.1 FT 1300
6/11 Es. cent.	1300 LILL 04 3 my 990
0003 XHXL 91.7 NL	1001 LTYP 85 1 TY 880
0013 XHRK 95.7 NL	1910 EXXV 96.1 CK 875
0049 KRKE 94.1 NM 1160	1916 KRIV 94.1 TV 875
0050 <u>KNYN</u> 95.5 NM 1085	2030 f/out
0108 KQIZ 93.1 TX 875	6/12 Es
0904 XHRS 93.3 VER, tent.	0936 KLYT 88.3 MM 1160
0906 XHRN 96.5 VER	6/14 Es
0918 XHRF 101.3 VER, tent	0900 KRTZ 98.7 CC 1240
0923 XHFB 99.7 VER	0906 KRZA 88.7 CO 1110
1000 KWMJ 103.3 TX 925	0917 KRST 92.3 MT 1160
1009 KPJH 94.5 TA 9/0	0938 KLYT 88.3 MM 1160
1015 KBNA 97.5 TX 1160 1039 KKTC 103.9 TX 910	6/15 Es
1045 KBFM 104.1 TX 900	1154 KSDN 94.1 SD 1120
1056 KSCX 101.7 TX 860	
1057 KVLY 107.9 TX.ex tr 900	1157 KMHA 91.3 ND 1240
1100 <u>krix</u> 99.5 TX 880	1159 KOND 90.5 ND 1165
1104 KELT 94.5 TX 870	1200 KESD 88.3 SD 915
1112 KZEW 107.9 TX 730	1209 KYYZ 96.1 ND 1280 1215 KEYA 88.5 ND 1200
1131 KIWW 96.1 TX 870	1246 KMCM 92.5 MT 1300
1154 KIJN 92.3 TX 930	cont

				•					-	
	6/15 Es				7/7	ře.				
	1318 KIKC 101.3 MT	1310		1			102.7	FT.	700	
	1721 WAYU 93.9 ME	1095		1			105.9		710	
	1726 WLKN 99.3 ME	1205		1		WAIA			709	
	1727 WWMR 96.3 ME	1070		1		WNJY			660	
	1734 WHOM 94.7 NH	1025				WLRN			709	
	1735 WDBX 98.5 ME	1096					101.5		709	
	1738 WHGC 94.3 VT	900		1		WKGR			619	
	1739 WCVM 100.9 VT	949					101.7		610	
	1740 WCVR 102.3 VT	949					88.5			
	1748 WEZF 92.9 VT	960				#748		,	Jon 5 ,	
	1750 WCGY 93.7 MA	959		!	7/9 1		-00			
	1800 WWLR 91.5 VT	1019		1			95.5	NN	1085	
•	6/17 Es	/				KRZA			1110	
	1148 KRCS 93.1 SD	1140		1			99.9		810	
	1154 KKLS 93.9 SD	1120					93.1		1160	
	6/18 tr						88.5		1160	
	1050 WPGA 100.9 GA	207					93.9		11	
	1056 WBYZ 94.5 GA	<b>29</b> 2					94.7			
	1106 WUFF 92.1 GA	245				KLYT				
	1144 KTXR 101.5 MC	425		1		KRKE				
	1158 KCFX 100.7 MO	500				KRST			u	
	1212 KEZA 107.9 AR	450			7/10		,,			
	6/25 Es	-		}		WYJY	94.3	ME	1035	
	1542 KNEB 94.1 NE	1060				WZBC			969	
	6/28 tr			İ		WHRB			970	
	2001 WLTR 91.3 SC	307		ł			93.5		1280+	
	2041 WSSL 100.5 SC	240		1			101.3		875	
	6/29 tr (while WAHR	off)		İ	0913	WCRB	102.5	MA.p	rev. ms	980
	1109 WAYS 99.1 GA	197		l	0921	WMGX	93.1	ME	1060	-
	1124 KTMO 98.9 MO	238		1	0930	WHCF	88.5	ME	1160	
	1205 <u>WPMO</u> 99.1 MS	317		1	0937	CIOO	100.1	NS	1310	
	1214 <u>WSWG</u> 99.1 MS	237		1	<u>tr</u>					
	ms			1	0942	WRJT	107.1	TN	130	
	1222 WMYX 99.1 WI,ca	11s <i>5</i> 85			Es					
	<u>7/7</u> Es			1	<del>09</del> 43		93.1	NJ	788	
	1127 JBC 91.1 JAM			1	0948	WJLK	94.3	NJ	735	
	1136 <u>WINZ</u> 94.9 FL	710		l	0950				925	
	1136 WLVE 93.9 FL	710			1029		93.1	NB	1280	
	1139 WRMF 97.9 FL	665		1	7/12					
	1144 <u>WIRK</u> 107.9 FL	660		•		KEZB			1160	
		_					93.1		1160	
	A number of great	Es openings t	his season	n	lune 11	was c	utstan	ding	! June	10 was

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

Hank Holbrook, 7211 Chestnut St., Chevy Chase	, MD 20815
Stations logged and reported from our cottag	e at Fair Haven Cliffs, MD overlooking the
Herring & Chesapeake Bays 15 mi. below Annap	polis. MD. All tr except first logging.
8/11 ms	8/15
0835 WJIS 88.1 FL Bradenton, g 1035	0116 WNWK 105.9 NJ Newark, ads 180
<u>8/13</u> tr	0201 WHTZ 100.3 NJ Newark, contest prizes.
1255 WRVS 90.7 NC Elizabeth City 170	ads. NYC wx 180
<u>8/14</u>	8/17
1112 WEBE 107.9 CN Westport, r, ads 250	0550 WNCT 107.9 NC Greenville, Fighting
2345 WRHU 88.7 NY Hempstead 210	it out with WEBE. WFSI off with apparent
"The Long Island Sound"	transmitter trouble. Beautiful music 230

SOUTHERN EM DY

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075 CST						
Equipt: Cnkyo T-9090, Channelmaster 4	408 up	20 ft., RG6 coax used, not RG8				
8/5 Es	1	8/17 tr				
1848 WBEA 107.3 OH Elyria, B107	910	2116 KNMC 97.7 MO Nevada 235				
1853 WKTX 96.7 FA Mercer		2200 KDWN 92.7 AR Dequeen, ID 215				
1856 WRKZ 106.7 PA Hershey, Z107		2235 KDKD 95.3 MO Clinton 220				
1900 WNCT 107.9 NC Greenville	1130	2300 KMAD 102.3 OK Madill, ID,\$, k 145				
1900 WDBA 107.3 PA DuBois	1115	(Ck #100. This opening was show time for				
1914 WWOK 105.7 NC Columbia	- 1	the Onkyo selectivity.)				
1915 WDCG 105.1 NC Durham		8/22 Es				
1916 WXRI 105.3 VA Norfolk	1110	1105 WWKA 92.3 FL Orlando 1070				
1917 WBCY 107.9 NC Charlotte	940	1131 WAFG 90.3 FL Ft. Lauderdale, ID 1230				
1919 WSFL 106.5 NC New Bern	1125	1144 WUFT 89.1 FL Gainesville, ID 940				
1931 WEBF 95.7 NY Olean	1100	8/23 Es				
1953 WBTU 93.3 IN Kendall-Ft. Wayne	800	1800 WSSB 90.3 SC Orangeburg 925				
2000 WLSY 98.3 MI South Haven, ad	-	1800 WJWT 89.9 SC Beaufort 950				
8/12 gw		8/29 Es				
0859 KVAZ 91.5 OK Henryetta, g, ID	80	1858 WFYN 92.5 FL Key West 1225				
8/14 gw	- 1	1903 WMNF 88.5 FL Tampa 1040				
1941 KBCG 99.3 OK Cordell, k, \$	125	1905 WMCU 89.7 FL Miami 1255				
2002 KNYD 90.5 OK Broken Arrow, g, \$	75	1930 WJIS 88.1 FL Bradenton				
8/17 tr	- 1	10/8 Es				
2112 KAFM 97.7 OK Durant	155	1625 WRVQ 94.5 VA Richmond 1110				
The state of the s	- 1	1708 WMHR 89.7 SC Columbia 820				
For all the trouble the heavy rains	caused	during late Septearly Oct., little good				

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

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

to get my return to SFM off to a more	than I	plentiful start. 73.
Fat Dyer, 5315 Silvertip Dr, San Anton	io, T	X 78228
		1 425, Archer 6-e. beam at 20' with rotor, 370ASL
3/23 tr		. 4/11 tr
0200 KPCB 102.3 TX Rockport, ID	135	0005 KBIM 94.9 NM Roswell, psa, m 440
4/1 tr		4/13 tr
2315 XET t 94.1 NL Monterrey	275	0145 KQIP 96.9 TX Odessa, ID, r 275
2330 XHJDt 98.9 NL Monterrey	275	0158 KWES 102.1 TX Monahans, ID 295
4/2 tr		2310 KFXE 92.3 AR Fine Bluff, ID, k 505
0100 KTIZ 96.9 LA Alexandria, ID	385	2327 KTUX 98.9 TX Carthage, "Tux-99", r 310
0122 KTDY 99.9 LA Lafayette, ID	395	2359 KTAL 98.1 TX Texarkana, ID, k 380
0133 WCKW 92.3 LA Laplace, ads	495	4/14 tr
0310 KYND 92.1 TX Seabrook, ID	210	0011 KTIZ 96.9 LA Alexandria, ID, r 385
4/7 tr		0030 KYKS 105.1 TX Lufkin, "Kix-105" 265
2210 WNFM 92.3 TX Midland, ID, k	280	0030 KNUE 101.5 TX Tyler, ID, k 280
2211 KODM 97.9 TX bdessa, ad	275	0045 WRKF 89.3 LA Baton Rouge, ID 450
2222 KWES 102.1 TX Monahans, ID	295	WWNDt 89.9 LA New Orleans, c 510
2247 WCKW 92.3 LA Laplace, ads, r	495	0235 WCKW 92.3 LA Laplace, ads 495
4/8 tr		4/22 tr
0027 KBIM 94.9 NM Roswell, ID	440	2324 XETt 94.1 NL Monterrey 275
0047 KTXT 88.1 TX Lubbock, ID, j	340	2345 XHRKt 95.7 NL Monterrey
0059 KUFO 104.7 TX Lamesa, ID	300	4/23 tr
0123 KZOR 94.1 NM Hobbs, ad	360	2155 KSMB 94.5 LA Lafayette, ID 395
0146 WRKF 89.3 LA Baton Rouge, ID	450	2159 KJEF 92.7 LA Jennings, ID 360
0159 WNMF 88.5 FL Tampa, ID, r	985	2205 KQXY 94.1 TX Beaumont, ID, m 275
0208 WYNK 101.5 LA Baton Rouge, ID, k	450	2332 WMAU 88.9 MS Bude, net ID 470
0242 WKSJ 94.9 AL Mobile, ID, k	630	4/24 tr
0244 WWNO 89.9 LA New Orleans, ID	510	0133 WCKW 92.3 LA Laplace, ads 495
0250 WPAP 92.5 FL Panama City, ID, k	785	0152 WRKF 89.3 LA Baton Rouge, wx 450
0259 WUFT 89.1 EL Gainesville, ID, j	975	0158 KLFI 89.1 LA Ruston, ID 410
0325 KTDY 99.9 LA Lafayette, ID 0431 WKES 101.5 FL St. Petersburg, ID,	395	0302 KDAQ 89.9 LA Shreveport, ID 350
0459 WFSU 91.5 FL Tallahassee, ID c	855	0659 KOEM 88.3 TX Mesquite, ID 260
v-J, wrou yr., ru tallanassee, IU C	اروون	0702 KMBQ 93.7 LA Shreveport, wx,cont.350

SOUTHERN FM DX	Dye	r, con
4/25 Es		5/10
1104 WKPX 88.5 FL Sunrise	1145	1137
1106 WMCUt 98.7 FT. Miami g	1150	1138
1108 WRMB 89.3 FL Boynton Beach, wx,	ID	1148
1110 WSWN 93.5 FT. Relle Clade ade	1110	1151
LIZZ WUVV US S NI Nort Planca In	1115	1157
1124 WGYL 93.5 FL Vero Beach, ads 1129 WMNF 88.5 FL Tampa, ID 1136 WYNF 94.9 FL Tampa, ads	1110	1200
1129 WMNF 88.5 FL Tampa, ID	985	1201
1136 WINF 94.9 FL Tampa, ads	985	1220
1154 1/buts		1222
1450 WTEB 89.5 NC New Bern	1305	5/11
1515 WXLKt 92.3 VA Roanoke, r 1520 WKSI 98.7 NC Greensboro, ad 1522 WLVK 96.9 NC Statesville, k-97,k WFEC 97.9 NC Concord, ID	1195	0830-
1520 WKS1 98.7 NC Greensboro, ad	1175	of i
1522 WLVK 96.9 NC Statesville, k-97,k	1110	tr
WPEG 97.9 NC Concord, ID	1120	0832
1523 WUWDR 94.7 NC Raleigh 1524 WESC 92.5 SC Greenville, ID 1528 WWWI 94.5 NC Eden, ads 1529 WFDD 88.5 NC Winston-Salem 1531 WFVO 94.5 VA Richmond ads	1230	Es
1524 WESC 92.5 SC Greenville, ID	1010	0836
1528 WWWI 94.5 NC Eden, ads	1180	0845
1529 WFDD 88.5 NC Winston-Salem	1150 1325	0850-
Aglio imira 00 o inicia	1,20	tr
1543 WAVL 88.3 VA Lynchburg, ID	1235	0944
1555 WESS 89.1 NC Fayetteville, NC wx		<u>Es</u>
1543 WRVL 88.3 VA Lynchburg, ID 1553 WFSS 89.1 NC Fayetteville, NC wx 1557 WSHA 88.9 NC Raleigh, NC nx 1605 WRNst 95.1 NC Kinston, k	1230	1102
	1275	1130
1610 f/outs		1133
4/30 Es		1138
0910-0913 unID 89.7 ne		1201
5/5 Es		1207
0849 WINZ 94.9 FL Miami Beach, ad	1150	f/out
		1302
0859 WMCU 89.7 FL Miami, g, ID	1150	1312
0910 WCMQ 92.3 FL Hialeah, Sp., ads	1150	1315
0859 WMCU 89.7 FL Miami, g, ID 0910 WCMQ 92.3 FL Hialeah, Sp., ads 0916 WMNFt 88.5 FL Tampa, j 0947 f/outs	985	1317
0947 f/outs		1323
5/7 tr		1329
0035 WCKW 92.3 LA Laplace, ads 0059 KDAQ 89.9 LA Shreveport, ID	495	1334
0059 KDAQ 89.9 LA Shreveport, 1D	350	1341
0144 KKNG 92.5 CK Oklahoma City, m, II 0157 KEBC 94.7 CK Oklahoma City, k, II 0202 KZBS 98.9 OK Oklahoma City,r,ID	י	1346
0157 KEBC 94.7 OK Oklahoma City, k, II	)	1352
0202 KZBS 98.9 OK OKlahoma City,r,1D	420	1356
0217 KDNT 94.5 TX Gainesville, ads	300	1357
Es		1402
0950-0957 unIDs 88-92.3 ne		1404
5/9 tr	line	1431
0011 WCKWt 92.3 LA Laplace 0021 KRKFt 89.3 LA Baton Rouge	495	1433
5/10 Es	450	1437
	1101	1529
0922 WVIC 94.9 MI E. Lansing, ad 0926 WKDDt 96.5 OH Akron, r	1195	1620-
0030 MOOD 03 3 OH Voussetter ID	1000	1704
0930 WQOD 93.3 OH Youngstown, ID 0931 WFRO 99.1 OH Fremont, ID 0933 WGNR 88.9 MI Grand Rapids, ID 0937 WJMK 104.3 IL Chicago, ad	1275	1706
0033 WEND 88 0 MT Count Double ID	1190	1717
0037 WINV 10h 3 II Chicago ad	11/2	1722
0937 WJMK 104.3 IL Chicago, ad 0940 WMUS 106.9 MI Muskegon, "107-MUS"	1100	5/12 0222 I
unID 107.9 MUF	1190	0222 1
0944 MHSB 107.7 MI Alpena, ad	1255	0357 1
OOLE THERE OF S ON MAINER AN	1355	2.1
OOLO WOLL ON SMIT DEFENDED IN	1190	0854-0
0944 #HSB 107.7 MI Alpena, ad 0946 WMHE 92.3 OH Toledo, ID 0949 WCXI 92.3 MI Detroit, ID 0951 WLLZ 98.7 MI Detroit, ID 0955 WMJC 94.7 MI Birmingham, ad	1225	<u>tr</u>
OOKE WATER ON 2 MT Dismission	1225	0915 i
	1235	Es
WOSE 94.5 OH Fort Clinton, ad	1200	0930 1
0956 unID 93.5 CAN		0942 1
1000 CJFI 99.9 ON Sarnia, ID	12/10	0948
1004 WCRZ 107.9 MI Flint, Cars-108	1240	0955
1014 WDEY 103.1 MI Lapeer, ad	1260	0956
1017 WTCV 97.7 MI Sandusky, WMIC AM ID:		0957
1025 KGRQ 94.5 WY Casper, ID 1030 KFBQ 97.9 WY Cheyenne, Q-98	1015	0959
	875   830	1002
1104 KYOU 92.5 CO Greeley, ID 1133 KQPI 99.1 ID Idaho Falls, ad	1215	TO BE
	-	
	- 2	

r, cont.	MBER 1986
r/10 P-	
5/10 Es	
1137 KKCM 92.5 MT Miles City, ad 1138 KQSW 96.5 WY Rock Springs, ID 1148 KSQY 95.1 SD Deadwood, ad	
1138 KQSW 96.5 WY Rock Springs, ID	1025
1148 KSQY 95.1 SD Deadwood, ad 1151 KSLT 107.3 SD Spearfish, psa	1065
1157 KTAG 97.9 WY Cody, ads 1200 KLZY 92.5 WY Powell, ID 1201 KBHE 89.3 SD Rapid City, SD ne	1185
1200 KLZY 92.5 WY Powell, TD	1190
1201 KBHE 89.3 SD Ranid City SD ne	+ TD 10/10
1220 KEZJt 95.7 ID Idaho Falls, agri.	70 10 1040
1000 f/auto	. nx 1215
1222 f/outs	
5/11 Es	
0830-0845 unIDs mostly 89's, tr mask	ing most
of it!	
<u>tr</u>	
0832 KDNTt 94.5 TX Gainesville, k	300
Es	
0836 WESCt 92.5 SC Greenville, k 0845 WFSS 89.1 NC Fayetteville	1010
0845 WFSS 89.1 NC Favetteville	1200
0850-0955 unIDs 88-92, all spotty w/	hyv tron
tr	nvy urop
0944 KKNG 92.5 OK Ok City, m,ID	420
To the second se	420
1102 KIWR 89.7 IA Council Bluffs, I 1130 WMNF 88.5 FL Tampa, psa's 1133 WVFMt 94.1 FL Lakeland, m	D 000
1130 PANE CO. C TO TO THE STUTES, I	D 830
1130 WMNF 88.5 FL Tampa, psa's	985
1133 WVFMt 94.1 FL Lakeland, m	1010
1138 WWKA 92.3 FL Orlando, ad	1035
1138 WWKA 92.3 FL Orlando, ad 1201 WJCT 89.9 FL Jacksonville, ID 1207 WFAP 92.5 FL Panama City, ID	1015
1207 WPAP 92.5 FL Panama City. ID	785
f/outs	,,,,
	875
1312 WPCH OA Q CA Atlanta ID	880
1315 WCDA OR O CC Constanting	1000
1302 WQXIt 94.1 GA Smyrna, r 1312 WFCH 94.9 GA Atlanta, ID 1315 WSPA 98.9 SC Spartanburg, ad 1317 WESCt 92.5 SC Greenville, k 1323 WAIV 96.9 FL Jacksonville, ads 1329 WTFM 98.5 TN Johnson City, ID 1334 WIKQ 94.9 TN Greenville, 1341 WBKR 92.5 KY Owensboro, ad 1346 WAKO 103.1 IL Lawrenceville, ad	1035
1)1/ WESUT 92.5 SU Greenville, K	1010
1323 WALV 96.9 FL Jacksonville, ads	1015
1329 WTFM 98.5 TN Johnson City, ID	1045
1334 WIKQ 94.9 TN Greenville,	1020
1341 WBKR 92.5 KY Owensboro, ad	865
1346 WAKO 103.1 IL Lawrenceville, ad 1352 WRAY 98.1 IN Princeton, ad	865 890
1352 WRAY 98.1 IN Princeton, ad	970
1356 WFBQ 94.7 IN Indianapolis 0-95	905
1356 WFBQ 94.7 IN Indianapolis Q-95 1357 unID 104.9 MUF	773
1402 WMIX 94.1 IL Mt. Vernon, k, ad 1404 WTTSt 92.3 IN Bloomington, r 1431 WGFA 94.1 II. W tesks ID	920
1/10/1 WTTC+ O2 2 TN Plantanton	820
1/21 MCEA ON 4 TY WALLS TO	950
1431 WGFA 94.1 IL Watseka, ID 1433 WBTU 93.3 IN Kendallville, ID	985
1433 WBTU 93.3 IN Kendaliville, ID	1120
1437 f/outs, 1519-1523 unIDs 88-89	
1529 WDLM 89.3 IL I. Moline, area w	x 945
1620-1659 unIDs to 92.3, 1659 WDLM 1704 KOEL 92.3 IA Oelwein, ad	985
1/00 Unid 97.7 MUF	
	915
1722 f/outs	7-3
5/12 tr	
0222 KTDY 99 9 LA Lafavette ID	305
0222 KTDY 99.9 LA Lafayette, ID 0357 KTIZ 96.9 LA Alexandria, Z-96	395 385
Opportunity 90.9 ha alexandria, 2-90	رەر
<u>09</u> 50 0030TB- 00 03	Yerry 4
0854-0930 unIDs 88-92, trop masking	MUFI
<u>tr</u>	
0915 KKNG 92.5 OK OK City, ID	420
<u>Es</u>	
0930 WFKK 88.5 NC Winston-Salem, NC	nx .1150
0942 WDYN 89.7 TN Chattanooga, ID	865
0948 WQDR 94.7 NC Raleigh, ID, k	1230
0955 WXLK 92.3 VA Roanoke, ID,r	1195
0956 WVTF 89.1 VA Roanoke,nc	***
	1114
	1110
1002 WYFL 92.5 NC Henderson, NC nx,	
TO BE CONTINUED NEXT MONTH	

EDT

167

170

168

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

NOVEMBER 1986

Deadline: 8th of the month

EDT

1951 WSHE 103.5 FL Ft. Lauderdale

2001 WAXY 105.9 FL

rp\$

Ft. Lauderdale

"105\_9 waxy-FM"

r\$ (oldies)

155

1176

1176

dave

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

FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS (Continued from last issue...) JUNE 1986 JUNE 15 (cont'd.) 11 Es from FARGO, NORTH DAKOTA (CDT) 1917 KACT 105.5 TX Andrews, k,wx,"Country 1830 KZPR 105.3 ND Minot is now "MAGIC 105" KACT". Wheee..I had WACT here earlier 1921 KISJ 104.1 TX Brownwood, "Stereo 1842 KECO 96.5 OK Elk City, promo 1845 KFMN 107.9 TX Abilene, "ROCK 108" 104.1, KISS-FM", ads, Central TX wx. mentioned KASL-1560. 1929 KORQ 100.7 TX Abilene, temp "at KORQ" 1942 KBAT 93.3 TX Midland, "ROCK 93 KBAT" 1848 KRPT 103.7 OK Anadarko, SID Wichita Falls, "QV-103" 1850 KKQV 103.3 TX 1945 KJYK 94.9 AZ Tucson. Perfect ID! and Texas' Music Authority 1950 KJKJ 107.5 ND Grand Forks, now r, OK Woodward, Okla's best k, 1908 KWOX 101.1 and "KJ-108" "K-101" 1911 KLAW 101.5 OK Lawton, wx, "K-Law" 2010 KLCY 94.1 UT Salt Lake City 1912 CIGV 100.7 BC Penticton, Penticton & "KLCY" and SLC ad Princton ad Tucson, "Tucson's only 1918 CFFM 98.3 BC 2015 KLPX 96.1 AZ Kamloops, ads 1929 CHRK 97.5 BC Kamloops, "K-97" with rock and roll station" Globe, ID after song, 2025 KIKO 100.3 AZ Expo ad r, still mono. Abilene, "Q-100" wx. 1943 KORQ 100.7 TX 2032 KOOL 94.5 AZ Phoenix, SID KORQ calls 2038 KNIX 102.5 AZ Tempe, ID before song 2000 CBUS 91.3 BC Hundred Mile House 2039 KMLE 107.9 AZ Chandler, promo, g CBC mono, never gave ID on hour, 2046 KZZP 104.7 AZ Mesa, ID between songs not even CBU 2007 KFMX 94.5 TX Lubbock, "94FMX" 2053 KJMB 100.3 CA Blythe, snuck in an ID thru dominent KIKO; consider best CA 2009 KALS 97.1 MT Kalispell, KALS call bet from Macomb, too. 2015 KUEZ 102.5 MT Missoula, "It's coming 2103 XHBA 104.1 MEX/BCN Mexicali. to Missoula." c format, in SS, mention Mexico 2020 KWSI 96.5 OR Warm Springs PSA: Warm 2109 KQEZ 103.9 AZ Coolidge, calls after ad Spring Indian Reservoir 2111 KSLX 100.7 AZ Scottsdale, CLASSIC 100 2033 KZZK 102.7 WA Richland, Tri-City ads, History or Rock & Roll Pasco ad 2117 KKFR 92.3 AZ Glendale, "FIRE"station 2036 KWHT 103.5 WA Walla Walla, WW college promo, r ad 2040 KFAT 106.1 OR Corvallis, "K-FAT-106" 2043 KHWK 106.5 WA Richland, "106 1/2, K-Hawk FM", promo 2123 FINALLY start heading for Grand Forks Final Tally - 80 Es signals IBed (72 at 100.1 or higher), 18 states logged plus 2046 KYTE 101.1 OR Portland, I-102 & Hwy 99 Mexico in ad,, faded back annoing next c piece 2048 KKRZ 100.3 OR Portland, "Z-100", r JUNE 15th at BRANDON, MANITOBA (CDT) 2117 KLTQ 93.3 UT S.L.C., "K-Light" Es 2125 KLCY 94.1 UT S.L.C., song about SLC, Tow 50s and rainy, not Es weather! buried by m 1513 WDHP 96.9 ME Presque Isle, "The 2134 KLRZt 94.9 UT Provo. Tent., ad for hottest hits...on 96.9 WDHP". Trafalgar Amusement Park - I don't Nothing else on TV or FM! know where this park is. DAVE NIEMAN - AKRON, NEW YORK - 14001-9529 Equipment: Carver TX-11 tuner, CM Stereo Probe 9 at 25' (815' ASL), RG-11 coax SEPTEMBER 1986 24 Tr and Es 3 GW 0928 WTOJ 103.1 NY Carthage 1925 WITU 103.5 NY Cobleskill r\$, "0J-103"

205

r\$, "U-103"

t\$, (NPR)

0929 WTNY 93.5 NY Watertown \$(testing)149 1424 CKLH 102.9 ON Hamilton, \$(testing)

0900 WETS 89.5 TN Johnson City

17 Tr and GW

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, N.Y. - 1304 Equipment: Receivers - Heathkit AJ-15 and Carver TX-11a tuners Antenna - Channel Master Stereo Probe 9 with rotor at 30' with pop-up mast AUGUST 1986 AUG 27 Tr 5 Es 1839-2045 to south and sw - MUF 108+ 2201 CKLN 88.1 ON Toronto, ID 1847 KCIL 107.5 LA Houma "All hits KCIL" 2237 WKYN 97.5 PA St. Marys, "97-KYN" 171 31 Tr 1854 WCHK 105.5 GA Canton, ID 1740 WFRM 96.7 PA Coudersport, r 1858 WLTS 105.3 LA Slidell, "LITE-105" wx/ID 1835 WIFI 103.9 PA Kane, local ad/ID 1931 CBCD 96.7 ON Pembrok\*, CBC talk 192 1909 WKJN 103.3 LA Hammond, "CAJON-103 FM" 2055 WLTW 106.7 NY 1913 KHOM 104.1 LA Houma, "FM104", local ads New York, "LITE-FM" 1922 WYNK 101.5 LA Baton Rouge, "WINK" wx ID/wx 1927 KVTT 91.7 TX Dallas, g program 2156 WHOM 94.9 NH Mt. Washington, b mx,ID SW Radio Church 2159 WEZF 92.9 VT Burlington, b mx/ID SEPTEMBER 1986 2017 WJNY 90.9 NY Watertown, 1 GW //WCNY //WUNY 1406 CBOF9 88.7 PQ Chapeau, FFC, //102.1 // 98.1 Procured Carver TX-11a tuner to replace 1831 CFLG 104.5 ON Cornwall, ID, wx, aging Heathkit AJ-15 MOR mx 2048 WCOD 106.1 MA Hyannis,"106-FM", r 316 2 Tr Refurbished/reinstalled Stereo Probe 9 ant-1829 WJSL 90.3 NY Houghton "FAMILY RADIO" New Carver tuner and reinstalled/refurbished antenna really rejuvenated the FM DXing here. The very sensitive system pulls in weak signals including a lot of meteor scatter bursts. It's good to hear 150+ mile stations on adjacent channels of locals - static free... e.g. CKLN-88.1 Toronto despite 88.3 WAER. Totals now up to 1238. I enjoyed the WTFDA Convention at Jamestown... Mike has quite an impressive DX location! 73 - Fred.

BILL NOLLMAN - BOX 184 - RFD#1 - BOZRAH, CT.	- 06334
JULY 1986	JULY 14 Es (cont'd)
9 Es	1900 WMSI 102.9 MS Jackson
1813 WBRC TV6 AL Birmingham 975	(7 down - 2 to go!!) 1200
1821 WAPI 94.5 AL Birmingham "I-95" 975	1902 WLHQ 96.9 AL Enterprise, "Q97" 1005
1824 WLTB 99.5 AL Birmingham	1908 KQID 96.9 LA Alexandria WOW!! 1315
"LITE 95 FM" 975	1925 KNOE 192.1 LA Monroe 1250
1826 WZZK 104.7 AL Birmingham 975	1939 WMRQ 103.3 MA Boston, "Q-103", new
1833 WGNE 98.5 FL Panama City, "GENIE"1090	calls. GW reception.
10 Es	1950 KZOU 98.5 AR Little Rock
0953 WCMQ 92.3 FL Hialeah, Spanish 1190	"ALL HITS Z00 98" 1220
0955 WPCH 94.9 GA Atlanta 875	1952 KZLE 93.1 AR Batesville, "93FM" 1120
0955 WINZ 94.9 FL Miami Beach 1190	2000 Return to MS Es
0959 WONA 96.7 ?? Wenonah, poss AL,GA,ILL	18 Es
(It's WONA Winona, MS - jf)	1305 KLOH 98.7 MN Pipestone 1235
1000 WBIL 95.9 AL Tuskegee 975	1312 KDMI 97.3 IA Des Moines, mono 1105
1005 WLWI 92.3 AL Montgomery 1000	1327 KXLP 93.1 MN New Ulm, "XL 93" 1140
1014-1024 FL usuals WINK, WVFM, WYNF, WPDS	1337 KRIT 96.9 IA Clarion 1105
1036 WLVE 93.9 FL Miami Beach	21 Es
"LOVE 94" . 1190	1956 WAAC 92.9 GA Valdosta 975
1043 WMXJ 102.7 FL Pompano Beach 1160	23 Tr
1046 WGNE 98.5 FL Panama City 1090	0744 WRDR 104.9 NJ Egg Harbor City
1052 WXOS 100.3 FL Plantation Key	0749 WSNJ 107.7 NJ Bridgeton
1056 WJST 94.5 FL Port St. Joe 1100	0752 WMJY 107.1 NJ Long Branch, "Y-107"
1101 WTYX 94.7 MS Jackson 1200	0755 WMVB 97.3 NJ Millville 210
1107 WQYK 99.5 FL St. Pete 1115	0839 WADB 95.9 NJ Pt. Pleasant
1110 WAVE 102.5 FL Sarasota 1140	0843 WSEA 93.5 DE Georgetown, "SEA93"
1111 WDUV 103.3 FL Bradenton 1150	0847 WKHI 99.9 MD Ocean City
1148 WSEI 92.9 IL Olney (where the h	0855 WLQE 99.3 NJ Pleasantville
did this one come from??) 860	ALL NYC FMs near FULL STRENGTH AT 1930 HRs
14 Es	2021 WNBR 100.7 NJ Wildwood
1722 WZGC 92.9 GA Atlanta, "Z-93" 875	2022 WOLC 102.5 MD Princess Anne 310
1729 WZEZ 92.9 TN Nashville 875	2032 WESR 103.3 VA Onley/Onancock
1815 WTYX 94.7 MS Jackson	25 Tr
1817 WYYN 96.3 MS Jackson, "CLASS 96"	0810 WHYY 90.9 PA Philadelphia 190
1819 WQMV 98.7 MS Jackson, "Q99"	0815 WXTU 92.5 PA Philadelphia 190
1823 WMAA 91.3 MS Jackson, "PRM" 1200	1929 WXJY 96.3 MA Nantucket 110
1825 WLIN 95.5 MS Jackson 1200	1934 WMVY 92.7 MA Tisbury"Album Radio" 80
1826 WLTB 99.5 AL Birmingham 1826 WJMI 99.7 MS Jackson	1954 WOMR 91.9 MA Provincetown
1826 WJMI 99.7 MS Jackson	finally!! hi Ernie!! 110

295

120

0040 WNCN 104.3 NY New York

205 **34** 0125 WKSS 95.7 CT Meriden

0045 WDAS 105.3 PA Philadelphia

0125 WWDB 96.5 PA Philadelphia

NORTHERN FM DX						NOVEMBER	1986
(Bill Nollman's DX, continued)	1	JULY	27 E	9			
JULY 25 Tr (cont'd.)	- 1		WRGI	_	FL	Naples, "G93"	1180
	325		WCVU		FL	Naples, "Seaview"	1180
2027 CKO 103.5 NS Halifax	450	1507	WSFP	90.1	FL	Ft. Myers	1170
2031 CIOO 100.1 NS Halifax, "C-100"	450	1514	WCMQ	92.3	FL	Hialeah	1190
2032 CBHA 90.5 NS Halifax, // CBHY	450	1523	WCJX	96.5	FL	Miami, "96X"	1190
2036 CBAF-19 92.3 NS Halifax, mono	450	1533	WLVE	93.9	FL	Miami Beach,"LOVE	94"
2037 CBH 102.7 NS Halifax	450	1534	WJIS	88.1	FL	Bradenton	1150
2042 CFRQ 104.3 NS Halifax, "Q-104"	450	1538	WWUS	104.7	FL	Big Pine Key,US-1	1365
2100 WGAO 88.3 MA Franklin	55	1543	WRBQ	104.7	FL	Tampa, "Q-105"	1105
		1554	WEEJ	100.1	FL	Port Charlotte	1160
		1559	WJQY	106.7	FL	Fort Lauderdale	1170
Highlights of this report are my first Ca	nadi an	stati	ons w	ith inc	redi	bly strong tropo	into
Nova Scotia where I could literally tune	any Ha	slifax :	statio	on at w	ill,	and did six out o	f the
seven! Interestingly when I got the duct	about	8:30	P.M.,	Mike B	ugaj	50 miles to the	north
had nothing. It did, however, get his	way '	bout 1	1 p.m.	. Long	afte	r it had died out	here.
(It was noted that morning and lasted to	about	0100 t	he fol	llowing	mor	ning here in NJ 🕒	jf)

He had just as good of luck too!! The other super day was the 18th when I was rea that the midwest still existed. I snagged a couple weak Iowa's and got my Minnesotians. This Es season has been super as it is my first concentrated attempt with 76 new FMs since May plus another 13 via tropo. Totals now at 313 stations, 2 via MS, 20 states plus one Canadian BUT still 3 empty frequencies. -Bill

295

295

205

295

Es,, 2 via MS, 20 states plus one Canadian BUT	still 3 empty frequenciesBill
SCOTT M. HOOD - 7 AUBURN ROAD - BEVERLY, MASS.	- 01915-2501 EDT
MAY 1986	i Monday JUNE 16 Tr, cont'd
We 21 Es	0105 WBLS 107.5 NY New York
1125 WENN 107.7 AL Birmingham 1125	0210 Philly out, WAWZ and WCBS only no
Su 25 Es	New Englanders left (and weakly)
1245 WJCL 96.5 GA Savannah, EZ 975	Fr 27 Tr
1255 WQXIt 94.1 GA Atlanta,"94-Q-FM" 1000	0050 WRCN 103.9 NY Riverhead
1300 WKRG 94.9 AL Mobile 1325	0055 WWHB 107.1 NY Hampton Bays
Mo 26 Tr	WALK at 0040 and 1840
1455 WQCB 106.5 ME Brewer, k, "Q-105"	Su 29 Tr
Power increase(?), as it appears to be	0050 WILI 98.3 CT Willimantic
present whenever Augusta is in.	0115 WCBS 101.1 NY New York
(Better than a power increase -	JULY 1986
NEW STATION - jf) 184	Mo 7 GW
JUNE 1986	2155 WMRQ 103.3 MA Boston, ex-WHTT
Fr 6 Tr	AC, "Quality" and "Q-103", switch
0025 WALK 97.5 NY Patchogue 170	sometime between 1700 and 2155
(WALK also listed on 16 other dates -jf)	Th 10 Es
Su 9 Tr	1115 WJDQ 101.3 MS Meridian
0135 WAWZ 99.1 NJ Zarephath 235	1120 WCPC 93.3 MS Houston
(WAWZ also listed on 6 other dates - jf)	Mo 14 Es
Tu 10 Es	1645 WOOF 99.7 AL Dothan, "WOOF-FM"
1115+ ?? MUF TV6+, DX'ing on department	1645 WEDRt 99.1 FL Miami, R&B
store TVs)	1650 WLOV 100.1 GA Washington, k
We 11 Tr	1650 WEIZ 100.1 AL Phenix City
0110 WITQt 99.3 RI Block Island (last I	1700 WKEU 97.7 GA Griffin
heard, they hadn't hit the air	1740 WLWI 92.3 AL Montgomery,k,I-92
yet - plse check - jf) 110	1850 WAMVt 98.7 MS Vicksburg, "Miss.
We 11 Es	phone 372-????
1645 WQUE 93.3 LA New Orleans 1450	1855 WVFJt 93.3 GA Manchester
1715 WVFJ 93.3 GA Manchester 1075	Fr 18 Es
Su 15 Es	1335 KBRX 102.9 NE O'Neil, wx for
1930 WPDS 93.3 FL Tampa(call change) 1275	n.central and ne NE
Mo 16 Tr	Sa 19 Tr
0015 CT in \$trong	1035 WWGT 97.9 ME Portland for
0015 WKXW 101.5 NJ Trenton 260	for call change
0020 WCBS 101.1 NY New York 205	Mo 21 Es
0020 WHTZ 100.3 NJ Newark 215	2000 WH00 96.5 FL Orlando
0025 WJRZ 100.1 NJ Manahawkin	Th 24 Tr
"The New Power 100" 270	2155 WCBs 101.1 NY New York
0025 WRKS 98.7 NY New York 205	Fr 25 Tr
0025 WEVD 97.9 NY New York 205	0020-0320 relogs: WHTZ, WRKS, WALK, N
0030 WUSL 98.9 PA Philadelphia 295	WBLS, WEVD, WNEW, WPLJ, WM
0035 WPLJ 95.5 NY New York 205	WJRZt, WEAZ, and WUSL
0035 WMMR 93.3 PA Philadelphia 295	0040 WSNI 104.5 PA Philadelphia
OOVE HUND OF E De Deitadelphia 205	Civio add baladium

0045 WWDB 96.5 PA Philadelphia

0050 WEAZ 101.1 PA Philadelphia

0055 WSNI 104.5 PA Philadelphia

0100 WNSR 105.1 NY NYC (call change)

0055 WNEW 102.7 NY New York

SFP	90.	1 FL	Ft. Myers	1170	
CMQ	92.	3 FL	Ft. Myers Hialeah Miami, "96) Miami Beach Bradenton Big Pine Ke Tampa, "Q-1 Port Charle Fort Laude	1190	
CJX	96.	) FL	Miami, "907	1190	,
LVE	93.	9 FL	Miami Beaci	1,"LUVE 94"	
JIS	88.	1 FL	Bradenton	1150	
WUS	104	/ FL	Big Pine Ke	9,05-1 1365	
RBQ	104.	7 FL	Tampa, "Q-1	05" 1105	
EEJ	100-	1 FL	Port Charle	tte 1160	•
JQY	106.	7 FL	Fort Lauder	dale 1170	
atio	n at	will,	and did six 50 miles to	out of the	
m.,	Mike	Bugaj	50 miles to	the north	
D.M.	Long	a afte	r it had die	ed out here.	
fol	lowi	ng mor	ning here ir	NJ - jf)	
day	was '	the 18	th when I wa	s reassured	
l e	weak	Io⊌a	's and got	my first	
S MY	fir	st con	centrated at	tempt at Es	
ntal	s noi	Jat	313 station	s. 99 via	
emnt	v fr	eauenc	313 station ies. —Bill		
C.IIIp C	,	- quant			
2501			EDT		
JUN	F 16	Tr c	ont'd  New York Z and WCBS of		
BI C	107	<del> </del>	New York	205	
bill bill	V 011	- HAU	7 and WEBS o	nly non-	
11111	y ou	L, WAW	Loft (and w	aktul	
	ng car	iders	left (and we	akty)	
Tr	400 /				
RCN	103.5	y NY	Riverhead Hampton Bay	145	
WHB	107.	I NY	Hampton Bay	's 145	
Kat	0040	and	1840		
Tr ILI					
<u>ILI</u>	98.3	3 CT	Willimantic New York	90	
CBS	101.1	! NY	New York	205	
986					
W					
MRQ	103.3	3 MA	Boston, ex-	WHTT	
C, "	Qual :	ity" a	nd "Q-103",	switched	
omet	ime t	etwee	n 1700 and 2	155 17	
Es					
JDQ	101.3	3 MS	Meridian Houston	1250	
CPC	93.3	S MS	Houston	1225	
Es	,,,,				
<del>M</del> E	00	7 A1	Dothan,"WOO Miami, R&B Washington, Phenix City Griffin Montgomery, Vicksburg, Vicksburg, Manchester	F-FM" 1175	
EDD+	66	l El	Miami DED	1375	
LOV	100	l GA	Washington	r 950	
ETT	100-	1 41	Phonis City	1100	
<u> </u>	07	7 (4	Caiffin City	100	
KEU	7/-	GA .	Griffin	1025	
FMT.	92.	) AL	montgomery,	K,1-92 1150	
MMAL	90.	M2	Vicksburg,	"MISS	
			phone 3/2-3	??? 1375	
	93.3	5 GA	Manchester	1075	
<u>Es</u>		_		_	
BRX	102.9	) NE	O'Neil, wx	for	
		n.c	entral and r	e NE 1475	
Tr					
WGT	97.9	) ME	Portland fo	r	
			for call ch	ange 84	
Es					
HOO	96.5	5 FL	Orlando	1225	
Tr					
ČBS	101.1	l NY	New York	205	
Tr					
	rela	ogs. ⊔	HTZ, WRKS, W	ALK, WNSR	
			D, WNEW, WPL		
	M.ID.	7t. WE	A7. and Wilei	-, month	
SNT	104	. PA	AZ, and WUSL Philadelphi		
J111	.04	, נער נע	nicauetpiii 10 off baict	ly?) 295	
NCN	104	. NV.	LO off brief	205	
NON	104.3	7 17	New York Philadelphi	200	
אעס	102.3	) PA	Philadelphi Philadelphi	a 295	
<b>=</b> UB	70.		-coladeinhi	- //	

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(Scott Hood's report...)
Friday JUNE 25 cont'd.
0215 WADB 95.9 NJ Pt. Pleasant, EZ
0140 WYSP 94.1 PA Philadelphia
                                      295
0215 WKSZ 100.3 PA Media
                                      295
0230 WMGK 102.9 PA Philadelphia
                                      295
0235 WTRK 106.1 PA Philadelphia
                    "Electric-106"
                                      295
0235 WMKR 106.5 MD Baltimore,r,"K-106"380
0245 WDSD 94.7 DE Dover, k
                                      345
0315 WPDH 101.5 NY Poughkeepsie
                                      170
0320 WIOQ 102.1 PA Philadelphia
                                      295
                                      295
0935 WCAU 98.1 PA Philadelphia
(Some Philly, NYC, and WALK in and out,
 but weak and deteriorating.)
2145 WMVY 92.7 MA Tisbury, in $trong 82
2150 WLNG 92.1 NY Sag Harbor
                                      130
2225 WWHB 107.1 NY Hampton Bays
                                      145
Sa 26 Tr
0100 CIOO 100.1 NS Halifax, r and AC,
                    "C-100"
                                      420
0100 CBH 102.7 NS Halifax, i
                                      420
0100 CFRQ 104.3 NS Halifax, AOR, "Q-104"420
0135 CKO-9 103.5 NS Halifax, t
                                      420
0220 WILIT 98.3 CT Willimantic
0245 Except for NS, the band is near
    normal (although WCBS appears to be
    coming back stronger.)
Tu 29 MS
0045 unID 105.3,"Joy 105" (no sign of
                            WJYY-105.5
AUGUST 1986
Su 3 Tr
2105 WCBS 101.1 NY New York
                                      205
Tu 5 Es
1705 WSTH 106-1 AL Alexandar City, k 1125
1715 WBAMt 98,9 AL Montgomery, "99-FM"1150
1720 WJDQ 101.3 MS Meridian
                                     1250
735 WYNF 94.9 FL Tampa
                                     1275
1740 WVFJ 93.3 GA Manchester
                        "VICTORY 93" 1075
1745 WAPE 95.1 FL Jacksonville
                  "THE NEW POWER 95"
1745 WQXI 94.1 GA Smyrna, r. "94Q"
                                     1000
1755 WTVY 95.5 AL Dothan, k
                                     1175
1755 WLWI 92.3 AL Montgomery
                                     1150
1800 WMJJ 96.5 AL Birmingham
                                     1125
1805 WFOX 97.1 GA Gainesville, "FOXY" 950
1805 WJAD 97.3 GA Bainbridge
                                     1175
                    "THE HOT FM"
1810 WSIX 97.9 TN Nashville, k
                                     1025
1810 WCOS 97.9 SC Columbia k
                                      850
1835 WNKS 102.9 GA Columbus, "KISS FM"1100
1840 WQEN 103.7 AL Gadsden, "Q-104" 1075
1845 WENN 107.7 AL Birmingham
                                     1125
1845 WAID 106.3 MS Clarksdale
                                     1275
1850 WQSB 105.1 AL Albertville, k
We 6 Tr
2025-2335 Relogs: WCBS, WUSL, WWDB, WILI
     WALK, WEAZ, WIOQ, WJRZ, WKSZ, WHTZ,
2145 CT in $trong
2150 WBLI 106.1 NY Patchoque
2155 WRCN 103.9 NY Riverhead
                                      145
2235 WMGK 102.9 PA Philadelphia
                                      295
2250 WDAS 105.3 PA Philadelphia
                                      295
2250 WSPK 104.7 NY Poughkeepsie"K-104"170
2335 WTRKt 106.1 PA Philadelphia
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Th 7 Tr
0030-0205 Relogs: WBLS, WEVD, WWHB, WNSR,
          WNEW, WAWZ,
0035 WPDH 101.5 NY Poughkeepsie, in $trong
0050 WCAU 98.1 PA Philadelphia
                                       295
                                       195
0105 WAPP 103.5 NY Lake Success
0135 WYSP 94.1 PA Philadelphia
                                       295
0135 unID 93.5 in Spanish (It's almost
     certainly WRTN New Rochelle, NY - jf)
Su 10 GW
2025 WBRS 100.1 MA Waltham
                                        23
                    extremely weak
Th 14 Tr
0000-0030 Relogs: WLNGt, WALK, WWHBt, WCBS
0000 WEBI 92.1 ME Sanford
                                       139
1920 WMCM 93.5 ME Rockland
1925 WYJY 94.3 ME Biddeford
                    (call change)
1925 All of Portland in super $trong!! Rest
    of SE and south central ME in or near
    $trong.)
2000 WCME 96.7 ME Boothbay Harbor
2205 WQCB 106.5 ME Brewer, in local
                            $trenath
Sa 16 Tr
0030-0255 Relogs: WCBS, WJRZ, WEAZ, WWDB,
          WUSL, WHTZ, WNSR, WDAS, WWHB,
          WIOQ, WALK, WEVD, WRKS, WKXWt,
          WMGK, WNEW, and WPLJ
0035 WKHI 99.9 MD Ocean City
                                       375
0110 WBLS 107.5 NY New York
                                       295
0210 WFME 94.7 NJ Newark
                                       215
0220 WBAB 102.3 NY Babylon, AoR
                                       175
0230 unID on 106.3 (WVIP or WSLT) (or WHTG?
                                       -if)
0255 WPIX 101.9 NY New York
COMMENTS: This Summer turned out to be
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AUGUST 1986

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

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

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

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

RALPH STRO	BEL - McInt	2300 osh	E. McGALLIARD RD. MR-78 tuner, Channe	- MUNC	IE, er	IN 473 \$tereo Pro	03 be 9 at	55	ft. with rotor.	
					t					
DECEMBER 1					İ	MAY 21 Es 1204 KSEL		тх	Lubbock, r\$	1070
0227 KEYN				700	1	22 MS				
	Meteor	Sca	itter Report at end.	)		0121 WMGM		NJ	Atlantic City	570
13 MS 0338 KKYK	102 7	A D	ldeela Baal.			0122 KEYN		KS	Wichita	700
0330 KKIK	103.7	AR	Little Rock (Previous trop)	E / E	1	0151 WMGM	103.7	NJ	Atlantic City	570
14 MS			(rievious trop)	565	ł	29 Tr 0200 WJCH	91.9	IL	Joliet, g\$	160
0400 WWIB	103.7	WI	Ladysmith, prev. T	r 475		JUNE 1986		1	Jociec, go	100
30 Tr	107 1	TAI	Veneziller - (UZOF	400		8 Es	00.4		t albert	4070
1900 WOVR JANUARY 19		IN	Versailles. o/WIOE	100		1100 KTXT 10 Es	88.1	ΤX	Lubbock	1070
1 MS						2300 XHSA	B 89.5	NL	Sabinas Hidalgo,	
0401 WIXLt	103.7	NJ	Newton, ?	550	1				SS, \$	1360
15 Tr	40. 0					2317 KHCS	88.1	TX	Round Rock, 700 w.	1040
0044 WPXN	104.9	ΙL	Paxton, r\$	250		11 Es				
16 Tr 0000 WZWZ	02.7	TN	Vakama au_07 E	40		0944 KVNE		TX	Tyler, g\$	810
0055 WWW0	92.7 93.5	IN IN	Kokomo, ex-93.5	40		1000 XHSA		NL.	Sabinas Hidalgo	1360
0000	73.7	TM	Hartford City, ex-104.9	16	1	1044 KLUX		TX	Robstown, gm\$	1170
0229 WXUS	93.5	IN	Lafayette, ex-92.7		1	1050 KSBJ 1054 KLTR		TX TX	Humble, g\$	950 950
0600 WOKZ		IN		6	l			YU	Houston, r\$	
FEBRUARY 1		TIA	Muncie, s/on	0	l	1100 XHGL 1200 KBNR		TX	Merida, SS, \$	1351
15 MS	700					1254 KGKL		TX	Brownsville, g\$,SS	
0023 WUSL	98.9	PΑ	Philadelphia	530		1301 WRBH		LA	San Angelo, k\$	1100
16 Tr	/0./		i ii cade cpii ia	230		1309 KFMX		TX	New Orleans, t\$ Lubbock, r\$	800
0059 WEKH	90.9	KY	Hazard, o/WGVC	240		1319 KTXT		ΤX		1070 1070
22 Tr	,,,,	κ,	1142414, 074440	240	1	1343 KEZU		KS	Lubbock, r\$ Scott City, b\$	875
2100 WFCI	89.5	IN	Franklin, r mono,			1351 KUNC		co	Greeley, j\$	1050
<u> </u>	0,15		ex-89.3	65		1403 KWBI		co	Morrison, g\$	1060
25 Tr			Cx 07.5	0,5	ł	1429 KSID		NE	Sidney, r\$	950
0800 WFOF	90.3	IN	Covington,g\$,o/WBCL	125	1	1437 KGRQ		WY	Casper, r\$	1130
MARCH 1986			, , , , , , , , , , , , , , , , , ,	- ''-	1	1445 KKLS		SD	Rapid City, r\$	980
2 MS						1447 KOLL		WY	Gillette, r\$	1100
0236 KVIL	103.7	TX	Dallas	850		1457 KGWY		WY	Gillette, r\$	1100
10 MS						1548 WHLZ		sc	Manning, k\$	560
0159 WMGM	103.7	NJ	Atlantic City, r\$	570		1609 WLGI		SC	Hemmingway, s\$	590
			th STATE BY MS!)		l				get in here?)	2,0
26 MS						1622 KMCM		MT	Miles City, r\$	1150
0509 WMGM	103.7	NJ	Atlantic City	570		1643 KQAA	94.9	SD	Aberdeen, r\$	790
APRIL 1986						1653 KBYZ	96.5	ND	Bismarck, r\$	925
8 MS						1700 KESD	88.3	SD	Brookings, NPR, \$	680
	98.9	PA	Philadelphia	530		1704 KMHA	91.3	ND	New Town, k\$	1040
23 MS	407.7					1714 KWYR		SD	Winner, r\$	810
0141 WRUFt	103.7	FL	Gainesville, ?	790	1	1755 KOOK		MT	Billiings, r\$	1260
MAY 1986						1800 KBHE	89.3	SD	Rapid City, // 91.	
9 Tr	00.7	UT	Harman	200		1800 KTSD	91.1	SD	Reliance-Pierre	800
0100 WGGQ	99.3	WI	Waupun, r\$	290		1805 KDLY		WY	Lander, WY nx, \$	1260
10 Es 1040 KUT	90.5	TX	Austin	1050	1	1816 KCWC	88.1	WY	Riverton, r\$	1240
1059 WRBH	88.3	LA	New Orleans	800		1818 KTAK		WY	Riverton, r\$	1240
1100 KADE	89.5	TX	Weatherford,	800		1827 KLGT 1833 KATH		WY	Buffalo, ad	1160
TIGO KADE	07.5	'^	g\$, 370 watts	925		1858 KTSU		WY	Douglas, nx	1100
1104 WMAU	88.1	MS	Meridian, c\$	723	l .	1900 KBNR		TX TX	Houston, \$	950
TIOT WIND	00.1	110	(WMAW - jf)	610		1903 KJCR		ŤΧ	Brownsville, SS, \$	
1115 KTXE	93.9	TX	San Angelo, k\$	1100		15 Tr	00.5	• ^	Keene, nx, mono	925
1129 KSMB		ĹÂ	Lafayette, r\$	830		0400 WVCM	107 3	WV	Miami, k\$, o/WRZQ	270
1145 KQXY	94.1	TX	Beaumont, b\$	900	1	17 Tr	101.5		HIGHI, KS, U/WRZQ	210
1153 WMAU	88.9	MS	Bude, MS net ID	725			103.7	MO	Lebanon, k\$	450
1153 WMAA		MS	Jackson,		İ	21 Tr				450
			// to 88.1 & 88.9	650	1	0200 WMBN	96.3	MI	Petoskey, b\$	320
1201 KANZ	91.1	KS	Garden City,	_	1	23 Tr				220
			(Previous MS)	880		2100 WYMG	100.5	IL	Jacksonville, r\$	275
1210 KMCS	93.9	KS	Dodge City, r\$	850		24 MS				
1216 KSEC	93.3	CO	Lamar, ads, \$	970		0403 KKYK	103.7	AR	Little Rock	565
1233 KILO	93.9	CO		1070		25 MS				
1235 KUAD	99.1	CO	Windsor, r\$	1060		0325 KZZC	98.9	KS	Leavenworth	520
1239 KYOU	92.5	CO	Greeley, k\$	1050	16					
					-				>>> Continued >>>	

NORTHERM FM	DX			÷
	alls ran	ort, continued)		l
JULY 1986	et a rep	or cy continued		ı
2 MS				ı
7545 KVIL 10	3.7 TX	Dallas	850	l
0345 KVIL 10	3.7 TX	Dallas	850	ı
0100 WKLX 9				١
0100 WKLX 9	8.9 NY	Rochester, prev. M:		١
0112 KIRK 10	3.7 MO	Lebanon, k\$	450	l
16 Es				Į
0903 KHOY 8	8.1 TX	Laredo, \$	1260	1
0958 WJIS 8	8.1 FL	Bradenton, g\$	940	I
17 Es	0 E NM	D	4420	١
1215 KENW 8	Y.D NM	Portales, r\$ Albuquerque	1120	l
	8.3 NM	Acbuquerque	1260	ı
19 Es	9 3 TV	Brownsville, l\$	1280	ı
1704 KTYF 0	3 0 TY	Brownsville, l\$ San Angelo, k\$	1100	ı
24 Tr	J., .v	Sun Angelo, Ko		l
	8.1 ON	Chatham, ex-95.1	200	ı
26 Es				l
	8.3 NM	Albuquerque, g\$	1260	1
1300 KUT 9	0.5 TX	Austin, c\$	1050	Į
1440 KGNZ 8	8.1 TX	Austin, c\$ Abilene, g\$	1025	ı
(STATION #	35 on 88.	<ol><li>1, my best frequent</li></ol>	cy)	ı
1448 KACU 8	9.7 TX		1025	ı
1532 KBNL 8	9.9 TX	Laredo, SS ID, \$	1260	l
27 Es				١
1728 XHSAB 8	9.5 NL	Sabinas Hidalgo	1360	l
28 MS			= 40	l
0200 KTUX 9			760	l
30 IC	0 5 11	Greenville, 300 w.	250	l
AUGUST 1986	9.5 IL	Greenville, 300 W.	250	l
1 MS				l
0405 PVTI 10	3 7 TV	Dallas	850	l
0405 KVIL 10 0542 WCBS 10	1 1 NV	New York	580	l
2 MS		New TOTA	,00	l
	8.9 PA	Philadelphia	530	۱
3 MS				١
0149 unID 10 0253 KBIU 10	3.7 ???	??		١
0253 KBIU 10	3.7 LA	Lake Charles, r\$	860	l
5 Es				١
1746 KLYT 8	8.3 NM	Albuquerque, g\$	1260	l
1802 WJIS 8	8-1 FL	Bradenton, g\$	940	l
	4.9 NM	Roswell, b\$	1200	١
1819 KZPS 9 1830 KETR 8	2.5 TX	Dallas, ads, \$ Commerce, NPR, \$	850	l
	8.9 TX	Commerce, NPR, \$	780	l
1070 10111	1.3 TX		1025	l
1846 KI CD 40	8.7 TX	Dallas, r\$	850 950	۱
1851 FI CE O	XI C.C	Datlas, r\$ Memphis, r\$ Amarillo, ads, \$ Odessa, ads, \$ Bonifay, r Lubbock, k\$	950 1000	l
1852 KOTP 0	6.7 1A	Odecca ade C	1150	ĺ
1900 WTBR 0	7.7 FI	Ronifav. r	695	۱
1908 KLLL 9	6.3 TX	Lubbock ks	1070	ł
	7.7 LA	Kaplan, k\$	850	ı
8 MS			-50	١
0017 KZZC 9	8.9 KS	Leavenworth	520	ı
13 MS				۱
0325 unID 9	8.9 ???			Ĺ
· 15 MS				I
0101 WAKX 9	8.9 MN	Duluth	530	L
U435 WKNE 10	3.7 NH	Keene	690	1
(MY 41st S	TATE BY	MS!!)		L
16 Es 1054 KTXE 9	<b>.</b>		4455	ı
	3.9 TX	San Angelo, k\$	1100	l
	8.1 TX	Abilene, g\$	1025	ļ
18 Tr	6.3 TX	Del Rio, bank ad	1210	ı
0430 WBRN 10	0.9 MI	Big Rapids, s/on,		١
	0.7 MI	r, \$	220	l
0508 WMRX 9	7.7 MI	Beaverton, wx, r,		
21 MS		Duarti tolly may ly		Ļ
	8.9 TX	Carthage	760	S

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AUG 25 MS
0341 WJML 98.9 MI Petoskey
                                          320
27 Es
 1630 KBNRt 88.3 TX Brownsville, SS, $ 1280
 1630 KOIRt 88.5 TX Edinburg, SS, $
 1700 XHSABt 89.5 NL Sabinas Hidalgo.SS$ 1360
30 MS
0251 KEYN 103.7 KS Wichita
                                          700
31 MS
                                          290
0114 WHBF 98.9 IL Rock Island
SEPTEMBER 1986
 2 Tr
0546 WHMI 93.5 MI Howell, k, $, SID
                                          170
13 Tr
0230 WRSA 96.9 AL Decatur, b$
                                          430
0300 WQEN 103.7 AL Gadsden, r$
                                          460
0434 KIRK 103.7 MO Lebanon, k$
                                          450
0510 WETS 89.5 TN Johnson City, j$
                                          325
0610 WHCB 91.5 TN Bristol, q$
                                          320
                                          320
0613 WXBQ 96.9 TN Bristol, k$
27 MS
                                          760
0151 KTUX 98.9 TX Carthage
METEOR SCATTER RESULTS (1985)
Dec. 12 KEYN "....KEY..."
Dec. 13 KLYK "....KYK..."
Dec. 14 WWIB "....WW...."
1986 RESULTS
Jan. 1 WIXLt "...103.7 WI..."
Feb. 15 WUSL "...Philadelphia..."
Mar. 2 KVIL "...24 hr...Ft. Worth...."
Mar. 10 WMGM "...104-MGM The Rolling Stones'
                  Harlem Shuffle on WMGM...."
Mar. 26 WMGM "...WMGM Good Morning...."
Apr. 8 WUSL "...Power 99 FM..."
Apr. 23 WRUFt "...It's called Where Did The
              The Children Go on Rock 104..."
May 22 WMGM "...from WMGM..."
         KEYN "...report from KEYN...
                       shake it up...."
         WMGM "...WMGM baseball..."
 June 24 KKYK "...on KKYK..."
June 25 KZZC "...ZZ-99..."
July 2 KVIL "....VIL..."
        KVIL "...KVIL from Terry King,
               14 1/2 before 4 o'clock..."
July 28 KTUX "...KTUX Carthage..."
Aug. 1 KVIL "...for Terry King, it's five
      minutes after 4 o'clock at KVIL..."
        WCBS "...6:42.... Ed Harrison (It's
    Harry -if) in the morning....7 o'clock on
    the CBS-FM....highlighting tunes from the
   .....hall of fame...."
Aug. 2 WUSL "...Power 99 FM..."
Aug. 3 unID "...KXL-FM..."
        KBIU "...Bayou-104 - that was Paul
    McCartney with his latest. It was..."
Aug. 8 KZZC "...and tomorrow high 87. 77
    right now here at the leader, ZZ-99...."
 Aug. 13 unID "...CBO....(or "..CDO..")..."?
Aug. 15 WAKX "before nine days ago, here's
    the WAX news updated one minute past one
   o'clock, sponsored by Bingham Hardware,
    Hammond's Fur, Northside...."
         WKNE "right now 52 degrees in
               Keene....A good morning..."
Aug. 21 KTUX "...TUX-99..."
Aug. 25 WJML "...in Petoskey..."
Aug. 30 KEYN "...point 7 - KE..."

Aug. 31 WHBF "...Magic 98-9 with more of
   the Quad Cities favorite music...."
Sept.27 KTUX "...the TUX..."
                            >>> CONTINUED >>>
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"Sea-View" ID, EL mx

"95-YNF", album type r

Tampa-St. Petersburg

"LITE" ID and call

Local WKQX.

1916 WVFM 94.1 FL Lakeland, ID o/semi-

1924 WYNF 94.9 FL Tampa-St. Petersburg

2200 WNCN 104.3 NY New York, weak

2000 WNLT 95.7 FL

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

COMMENTS: Many thanks goes to Robert Grant and Jeff Kadet for translating two Mexican unIDs

I heard and taped this past summer. Jeff was able to translate some of my tape, but Robert

really came through with the translation of two very fine IDs. I will let Robert comment in

his CCI column. This information was also sent on to Bruce Elving. When I heard these

Mexicans, I thought I had an ID on 89.5, but the one from Merida, Yucatan on 97.7 was quite a

surprise. It pays to tape reception and hang on to the tape! Robert sent me a tape in which

he pronounced each letter of the Spanish alphabet. This will be helpful in future years, in

the event I hear more Mexican FMs. Another thank you to Fred Nordquist who accurately

measured the distance from Muncie, IN to Merida, YU, and for returning my self-addressed

postcard with this information.

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

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

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

Happy DXing from me to everyone! 73, Ralph

HARRY J. HAYES - 9 HENRY ST. - WILKES-BARRE, PA. - 18702
Equipment: GE Superadio, Jerrold QFM-9 antenna in attic.
SEPTEMER 1986
20 Tr SEPTEMER 1986
1913 WCVU 94.5 FL Naples,

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

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

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

I should have stayed in the Arctic.

1900 unID 96.1 FL ID ment. Ft. Myers-Naples but faded on call, a 95.9 in this area but nothing listed for 96.1. (Most

assuredly WLEQ who has a CP for 96.1-jf)
MENTS: I put a 9 element antenna in m

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

26 Tr

WILLIAM R. HEPBURN - #18-62 WALKOVER ST. - THUNDER BAY, ON - P7B 1L2 - CANADA EDT Equipment: Receiver: JVC R-X330V, Antenna: Indoor Dipole - 2nd floor Signals 10 db or more shown as S-10, S-15, etc. JULY 1986 AT TORONTO, ON AUG 5 Es (cont'd) 7 Tr 1936 KIKK 95.7 TX Houston 1305 2009 WOIV 105.1 NY DeRuyter 1940 WWNO 89.9 LA New Orleans 1115 2129 WRQC 92.3 OH Cleveland Heights 185 1945 WBSN 89.1 LA New Orleans 1115 24 Tr 1958 KPFT 90.1 TX Houston 1305 0354 WGPR 107.5 MI Detroit, S-10 SEPTEMBER 1986 0402 WMUZ 103.5 MI Detroit, S-10 205 3 GW 0424 WNIC 100.3 MI Deaborn-Detroit, CIRV 88.7 ON Toronto, S-20, mono, NEW STN. 3 S-10 215 8 GW (new rovr) - AT NIAGARA FALLS, ON 0432 WWWW 106.7 MI Detroit 205 ---- WGCC 90.7 NY Batavia 0441 WLLZ 98.7 MI Detroit, S-10 205 ---- CHEQ 101.1 ON Ottawa Valley,"Q-101"165 0859 WCVJ 90.9 OH Jefferson 150 ---- WCUC 91.7 PA Clarion 185 0958 WVNP 89.9 WV Wheeling 245 ---- CBEG 90.3 ON Sarnia, CBC, AUGUST 1986 // CBE-1550, ex-106.3 170 5 Es 9 Tr 1850 MUF 107.7 0928 CBSM 89.5 ON Sault Ste.Marie, 1855 WBJW 105.1 FL Orlando, S-10 1050 "CBC" Northern ON 320 1858 WABE 90.1 GA Atlanta 745 1914 KVTT 91.7 TX Dailas 1210 ---- CKLH 102.9 ON Hamilton, testing, S-60 62 1917 KCBIt 89.3 TX Dallas 1210 18 Tr 1924 KZPS 92.5 TX Dallas 1500 WPHN 90.5 MI Gaylord (car radio) 295 1210 My first complete summer south of 60 degrees North since 1981....with only one day of Es!

73s Bill 38

JOHN EBELING - 9209 VINCENT AVE. SO. - BLOOMINGTON, MN. - 55431 CST Foulpment: At Bloomington, Pioneer TX9500 tuner and Heathkit AR-15 rcvr.

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

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

OSIT AT BLOOMINGTON

AT PROSIT

0001 K237BE 95.3 MN Babbitt, t-KBHW-99.5 International falls

18 Tr and Es Tr 1000 KBT0 101.9 ND Bottineau

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

Es 1115 WMJS 92.7 MD Prince Frederick 1130 WPOC 93.1 MD Baltimore "FM93"

1136 WSEA 93.5 DE Georgetown Tr 1138 KQDY 94.5 ND Bismarck, "KQ94", k

1152 KMAV 105.5 ND Mayville 1201 KBYZ 96.5 ND Bismarck

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

1940 CISN 103.9 AT Edmonton

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

20 Es 1630 KAJA 97.3 TX San Antonio 1703 KHLC 98.3 TX Bandera (mentioned

26 Es 1130 KIOU 96.5 TX Corpus Christi 1131 KTXN 98.7 TX Victoria AUGUST 1986 3 Es

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

P.O. Box 1640 Bradenton, FL 33506-9990 AUGUST 1986 5 Es 1730 WAAC 92.9 GA Valdosta 1731 WVFJ 93.3 GA Manchester 1735 WAPE 95.1 FL Jacksonville, "BIG APE" 1743 WWBA 107.3 FL St. Petersburg, "EZ-107" 1745 WQSB 105.1 AL Albertville 1759 WMAU 88.9 MS Bude 1800 WUSF 89.7 FL Tampa 1805 WGPC 104.5 GA Albany 1813 WEAT 104.5 FL W. Palm Beach 1816 WMEZ 94.1 FL Lakeland 1842 WWOZ 90.7 LA New Orleans 1847 WGGZ 98.1 LA Baton Rouge 1849 KWCL 96.7 LA Oak Grove 1850 KCIL 107.5 LA Houma, + SCA t (67 kHz) 1854 KUCA 91.3 AR Conway 1856 KDEA 99.1 LA New Iberia (vocal on 67 kHz SCA) 1900 KVPI 93.5 LA Villa Platte 1900 WDUV 103.3 FL Bradenton, b 1905 WJIS 88.1 FL Bradenton, AP nx 13 Ms 0045 WQLT 107.3 AL Florence, good strong burst with ID 0230 WDBA 107.3 PA DuBois, "---BA Weather for western Pennsylvania ---" 0330 WVCM 107.3 WV Miami, caught ID on fair burst. 15 Tr 2358 WMJA 92.1 WI Spencer/Medford 16 Tr 0000 WJCH 91.9 IL Joliet, g SEPTEMBER 1986 11 Au (brillant Au display) 2333 KWMU 90.7 IL St. Louis 2340 KCLC 89.1 IL St. Charles 2355 WDLM 89.3 IL East Moline 2358 WJCH 91.9 IL Joliet 12 Au

ROBERT S. ROSS - BOX 4373 - STN. C - LONDON, ON. - CANADA - N5W-5J2 Equipment: Viking SC5813 rcvr., 10 element Realistic beam at 15 ft. AUGUST 1986 SEPTEMER 1986

Kerville XLTR K237BR)

AUGUST 1986

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

5 Es 1815 WNAA 90.1 NC Greensboro NEW STATE SEPTEMER 1986
14 Tr
2120 WNFA 88.3 MI Port Huron
2130 WCMU 89.5 MI Mt. Pleasant

JULY 25 Tr

0002 KUSR 91.5 IA Ames

JOSEPH FELA - 150 ROBERT PL. - SO. PLAINFIELD, N.J. - 07080 EDT Equipment: MR-78 tuner, Channel Master Stereo Probe 9 at 40 ft. AG w/rotor.

JULY 1986 22 Tr 2200 Norf

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

23 Tr 2100 Norfolk again, fair-good. 24 Tr

2000-2200 Norfolk again! Fair-good. 2300 Most Bostons doing well 2312 WUMB 91.9 MA Boston, PSA, ID 0647 WVCA 104.9 MA Gloucester, c with bad announcing by owner, Simon Geller, way over WRDR 239 0702 C100 100.1 NS Halifax,"C-100", r 618 2047 C100 in again, good signal, way o/WJRZ 2100 CBHA 90.5 NS Halifax, CBC nx followed by Halifax news 618

2102 CBAF-30 107.3 NS Yarmouth,

3C French 480 >>> CONTINUED >>>

222

213

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NORTHERN FM DX
(Joe Fela's report, continued)...
JULY 25 Tr, continued
2143 WORQ 102.3 CT Stonington, "Classic
         Hits" + call for call change 141
2300 WZLX 100.7 MA Boston, legal ID,
         "Classic Hits" Last time heard
         they were WCOP!
                                      213
2303 WOMR 91.9 MA Provincetown, ID, j 242
2315 CBHY 92.1 NS Yarmouth, CBC,
         actually o/WLNG, 0011 s/off
2325 CBHM 106.5 NS Middletown,
                    CBC. // CBHY-92.1 562
JULY 26 Es
1055 WJIS 88.1 FL Bradenton, ID, wx 1017
1100 WRMB 89.3 FL Boynton Beach,
                    ID, religious
1101 WKPX 88.5 FL Sunrise, ID, r
1128 WHGS 90.3 FL Haines City, ID,g 954
1133 CUBA? 90.3 Cuban tenatively here,
          Possible "Rebelde" ID
1200 CUBA 91.9 Cuban for sure here with
     big production ID mentioning Havana
      and Rebelde at 1200. Had some sort
      of play or short skits before ID.
1212 WQLM 92.7 FL Punta Gorde, ID 1039
1215 WSOR 95.3 FL Ft. Myers, nw, wx,
                   ID, g format
1229 WQEZ 99.3 FL Ft. Myers Beach
                                     1067
                    ID, b
1230 WSSP 104.1 FL
                   Cocoa Beach, contest
                    "WHISPER 104"
1231 WRCC 103.9 FL Cape Coral, ID, r 1062
1240 WEEJ 100.1 FL Port Charlotte,
                    ads, call, b
1300 WKRL 97.9 FL Clearwater, legal ID,
        "Classic Rock", o/local WEVD 993
1307 WXCR 92.1 FL Safety Harbor
                    ID, classical
1314 WSGL 103.1 FL Naples, old r
                 "ALL NEW CLASS 103" 1084
27 Es
(Es in progress when I walked in....)
1552 WSGL 103.1 FL Naples, old r
1557 WCIF 106.3 FL Melbourne, g, ID
1610 WKQS 99.9 FL Boca Raton, promo,
         k, "KISS" (a little unusual for
         a k station to use Kiss?)
1614 CUBA 95.9 FL A Radio Reloj here,
       complete with clock ticks in the
       background.
AUGUST 1986
3 Es on the car radio while returning
        from the Jamestown Covention!
(In NE PA, between Scranton and
                        Binghamton)
1800a IDed the following -
  WWKA-92.3 Orlando, FL
  WFYN-92.5 Key West, FL
  WRGI-93.5 Naples, FL
  WCVU-94.5 Naples, FL
  WPCV-97.5 Winter Haven, FL
many unIDs (like who was the SS on 91.5?)
5 Es
1910 WJMI 99.7 MS Jackson, ID, wx 1046
1920 KNAN 106.1 LA Monroe "MAGIC 106"1029
1938 KPCH 97.7 LA Dubach-Rustin, ID 1148
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1942 KDBH 97.7 LA Natchitoches, ID 1205

"WAVE 96", r

2000 KVTT 91.7 TX Dallas, ID, g

2010 KSBJ 88.1 TX Humble, ID, g

2230 WIAV 96.1 VA Cape Charles,

5 Tr

AUG 6 Tr 1838 WOTB 107.1 RI Middletown, ID, j 175 2020 WOMR 91.9 MA Provincetown, ID, ad? 242 2100 WMDK 92.1 NH Peterborough, "92-MDK" DJ with English accent, r 2135 WQVR 100.1 MA Southbridge, Red Sox BB, ID, "Q-100" 161 222 2150 WFNX 101.7 MA Lynn, r, ID 8 Tr 0300 WUNY 89.5 NY Utica, c, net ID 180 with WCNY-91.3 and WJNY-90.9 0320 WZYC 103.3 NC Newport, r, "Z-103" WPRB off 421 1104 CKBY 105.3 ON Ottawa, briefly o/WDAS with ID, eastern ON & w. PQ wx 342 14 Tr - super strong to MD/DC 0750 WYST 92.3 MD Baltimore, "STAR-92" 146 soft r, o/local WXRK 0825 WCEM 106.3 MD Cambridge, r, ID 164 0828 WQRA 94.3 VA Warrenton, "SUNNY 94", news, wx, ads 220 0844 WFTR 95.3 VA Front Royal, ID 231 15 Tr 0045 W221AC 92.1 PA Mt. Pocono, t-WGBI-101.3 Scranton 61 D100 W265AC 100.9 MD Salisbury, t-WRBS-95.1 Baltimore, very clear! 164 0115 WFUN 91.9 NY Brooklyn (pirate) noted on again with old r music 20 0853 WTPS 103.9 PA Muncy, AM/FM ID, "All Hit Radio", r 130 Pests WFME 94.7 Newark and WKDN-106.9 Camden OFF but conditions completely dead. 106.9 just an occasional weak signal but -0020 WMAS 94.7 MA Springfield\_r\_"WMAS 95" much WDSD QRM plus tent. WLTT MD SEPTEMBER 1986 19 GW/Tr 2200 WVLT 92.1 NJ Vineland noted back on the air with this call, ex-WKQV. Now "92 FM Lite", light r, satellite feed and a pest! Apparently antenna and/or tower work performed while off. 81 2045 WSFM 99.3 PA Harrisburg, SUNNY 99 131 24 Es 1859 WAIV 96.9 FL Jacksonville, ID 1900 WGGG 97.7 FL Micanopy-Gainesville ID, "LOVE 98" 1901 WKRL 97.9 FL Clearwater, legal ID 993 1914 WYGC 100.9 FL Gainesville, 876 k . GC-101 1920 WAAC 92.9 GA Valdosta, ads, ID 836 1930 WQPD 94.3 FL Lake City, with college football prom (interviewing coach) -Same program also on 92.1, 95.3, and 102.3 (apparently WTRS), ads, ID during break 1958 WLLO 92.1 FL Williston.

"WILLOW 92"

0030 Local WNYC-93.9 noted off, WKYS DC

WAYU ME, NO WKXZ NY - off Monday mornings?

LATE NEWS: There was a nice FM Es opening

to Texas the evening of Oct. 8th. Also

fair on channel. Weak signals at

times from tentatively CFMO ON and

some TV skip Oct. 9th

897

73, joe

ANARG UPDATE

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

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

We started the day by availing ourselves of the Hotel's buffet breakfast. with the value of the Canadian Dollar, it looked more expensive than it act-

ually was. And it was all you can eat!

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

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

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

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

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

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

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

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

1352

1386

244

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

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

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

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

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

The people with the \$\$\$Money\$\$\$ are after your freedoms.

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

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

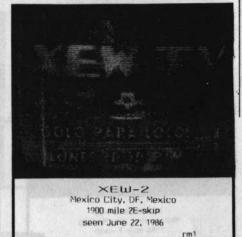
42 Stern P Sprachman



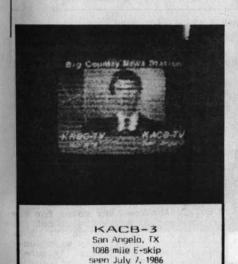
David J. Nieman 12284 Nice Road Akron, NY 14001-9529

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





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



at 1500 FDT



Matt Sittel continued .....



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

Particular Seasons on the Particular Seasons

KJRH-2 Tulsa, 0k 747 mile E-skip seen July 13, 1986 at 1000 EDT

ms12

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



XEZ-3 Cerro del Zamorano. Qro, Mexico ???? mile E-skip seen June 11, 1966



Jonesboro, AR 375 mile tropo seen June 19, 1986

jk?

Jeff Kadet photo file continued.....



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

ik3



K 35AL Lexington, NF 7/5 mile tropo seen July 13, 1986 (KNDP-2)

jkt



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

ik

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

DAVE

# ELEVISION NEWS

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

(	#/ V	L	. 773
			N NETWORK AFFILIATES
1	Here it	is!	What everybody has been wait
			Official WTFDA List of Fox
			Network Affiliates. Boston is
			r-market station not included
th	is list.	F	ox had been attempting to buy
WXI	NE-TV, C	h.	25, and make that its outlet f
the	e boston	ar	ea, but I think that deal fell
			don't fear. There are plenty
+-	handen	~ <b>+</b> TU	that area looking for somethin
COT.	CATTE	St	ever since STV fell through.
유	CALLS WPMI	15	Mobile
AT.	WDBB	17	Tuscaloosa
	KTBY		Anchorage
AZ	KMSB-TV	11	Nogales
AR	KJTM-TV	38	Pine Bluff
CA	KTTV	11	Los Angeles (Fox-owned)
		2	Oakland
CA	KTXL	40	Sacramento
CO	KXRM	21	Colorado Springs
	KDVR		Denver
		61	Hartford
	WTTG	5	Washington (Fox-owned)
	WAWS		Jacksonville
	WCIX		Miami
	WOFL		Orlando
	WTOG WFLX		St. Petersburg West Palm Beach
	WTSG		Albany
	WATL		Atlanta
	KTRV		Nampa
IL	WYZZ-TV	43	Bloomington
IL	WFLD	32	Chicago (Fox-owned)
IL	WRSP	55	Springfield
IN	WXIN	59	Indianapolis
	KSAS-TV	24	Wichita
	WDKY	56	Danville
			Louisville
	WXIX-TV		
			New Orleans
	WPXT		Shreveport Portland
	WBFF	15	Baltimore
	WKBD-TV	50	Detroit
	WSMH	66	Flint
	IMXW	17	Grand Rapids
	KMSP-TV		Minneapolis
MO	KSHB-TV	41	Kansas City
MO	KDNL-TV		St. Louis
	KVVU-TV		Henderson
	KGSN	14	Albuquerque
	WXXA-TV		Albany
	WNYW-TV	5	New York (Fox-owned)
	WUHF WSYT		Rochester
NC.	WLFL-TV	22	Syracuse (ex-MKAF)
NC	WNRW		Minston-Salem
	KVR3		Forms (Setallite etations VDD

15 Fargo (Satellite stations KBRR.

ch. 10 in Thief River Falls. MN

and KNRR, ch. 12, Pembina, ND,

were not mentioned in the list)

ND KVRR

OH WTTE

OH WRGT-TV 45 Dayton

28 Columbus

```
OH WOIO
           19 Shaker Heights
OH MUPW
           36 Tolledo
OK KAUT
           43 Oklahoma City
OR KPTV
           12 Portland
PA WWCP-TV 8 Johnstown (No mention made of
              affiliated station WWPC-TV. ch.
              23. Altoona. PA.)
PA WTAF-TV 29 Philadelphia
PA WPGH-TV 53 Pittsburgh
PA WPMT 43 York
RI WNAC-TV 64 Providence
SC WTAT-TV 24 Charleston
SC WTGS-TV 28 Hardeeville
SD KTTW
          17 Sioux Falls
TN WDSI-TV 61 Chattanooga
TH WETO
          39 Greeneville
TN WMKW-TV 30 Memphis
TN WCAY-TV 30 Nashville
TX KDAF
          33 Dallas (Fox-owned)
TX KRIV
           26 Houston (Fox-owned)
TX KJTI.
           18 Wichita Falls
UT KSTU
           20 Salt Lake City
VA WJPR
          21 Lynchburg
VA WTVZ
          33 Norfolk
VA WVRN-TV 63 Richmond
WA KAYU-TV 28 Spokane
WA KCPQ-TV 13 Tacoma
WI WXGZ-TV 32 Appleton
HOME SHOPPING NETWORK STATIONS
  Now the news everybody has been dreading!
Will your local independent station become
devoured by that dreaded enemy lurking just
beyond the horizon? Will Captain Kirk con-
front the greatest power in the galaxy? Will
Happy Days be gone forever? For many couch
potatoes across the country, here it comes:
the next best thing to pledge droves! It's
the Home Shopping Network, promising twenty
four hours a day of nonstop commercial ad-
vertising. So fay HSN had devoured eight
independent stations, and is looking for four
more to satisfy its voracious appetite. Here
is its meal to date:
ST CALLS CH CITY
CA KPST-TV 66 Vallejo (scheduled to sign on
             October 1, 1986)
TX KTHT
           67 Alvin
OH WCLQ-TV 6 Cleveland
NJ WSJT
          65 Vineland (Rats!!)
NY WSNL
          67 Smithtown
MA WVJV
           66 Marlborough
MD WJKL
           24 Baltimore (the only one on a
              channel below 651)
NJ WWHT
           68 Newark
  If your local station was not mentioned.
don't relax yet. The beast is still hungry!
Home Shopping Network, based in Clearwater.
FL. started out by offering merchandise at
discount rates over a local radio station
in 1977. In 1982 it came on several cable
```

channels in the Tampa area. In 1985 it

spread to cable systems across the country.

new service consisting of more upscale mer-

chandise. HSN2 stations will not actually

operate a solid day of marketing, however;

each hour will include some local public

In March of this year HSN created HSN2. a

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

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

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



AMERICA'S ORIGINAL LIVE DISCOUNT SHOP AT HOME T.V. SERVICE

59 2529 691 FL Jacksonville; Florida ETV of Duval County Inc. 29 1358 759 FL Ocala; Florida ETV of Marion County Inc. 31 100 2373 OR Klamath Falls; Sunshine TV 64 17.3 387 TX Mineola; Golden Communicatins MT Billings; ch. 6; Eagle Communications Inc. 40 710 WI Mayville; Wayne Raymond Stenz NV Reno; ch. 11; Reno Eleven Broadcasting. 43 8.71 423 VI Charlotte Amalie: Franklin D. Graham 15 n.c. 1124 VI Christiansted; Santa Cruz Broadcasting Co. (amended) 16 1 100 TX Eagle Pass; Jonesco Broadcing 31 1000 1142 TX Victoria; Turner Broadcasting & Communications

APPLICATIONS FOR NEW TELEVISION STATIONS

CH ERP HAAT STATE/CITY/APPLICANT

45	5000	554	FL	Leesburg; Palmetto Broadcast-
40	5000	رَنَ ا	T.I	ers Associated for Communities Rio Grande Cit7; Robert Gonza- lez
17	316	426	TX	Sonora; Tower Broadcasting Cp.
48	640	335	41	Chippewa Falls; Family Group Ltd. III
ii:	2198	2884	CA	Los Angelos; Vision Int'l inc.
14	1000	139	.:T	Hilo; harry J. Turner
3	1	226	.1I	Lihue; Lavon Nicholson
22	550	454	1A	Jaterloo; Hawkeye Broadcasting
				Harcuette; Linda Turner d/b/a
				Turner Broadcasting & Communications
51	5000	1164	ЪS	Jackson; Linda Turner d/o/a Turner Broadcasting
36	5000	570	SD	Sioux Falls; John H. Echols
12	1	444	TX	Alpine; Kathy L. Young

J Burlington; ch. 48; Adelphi Broadcasting Corporation; Signal Binistries Inc. (Review Board decision) MA Worcester: ch. 48: Mational Center for Jobs

& Justice.

MC Greenville; ch. 38; Winard Broadcasting. W Bluefield; ch. 40; Berton & Mowers.

ME Lewiston; ch. 35; Sebago Broadcasting Company Inc. (Initial decision: Kennebec Valley Television given preference on diversity grounds and for proposing service to more underserved areas).

TX Lake Dallas : Women's Media Investors of Dallas Ltd. (Review Board, reversing initial decision). Channel 55.

N Memphis; ch. 50; Burwood Broadcasting of Memphis Inc.; PA' Proadcasting Company of Memphis. (Initial decision; Eyles Broadcasting was given preference on integration grounds).

TX Katv: ch. 51: Louise Brunson: Horizon Community Broadcasters Ltd.; Victory Media Inc. (Initial decision; Johnson Broadcasting Inc. was given preference on integra-

tion grounds.)

AL Dothan; ch. 60; Broadcast Associates Inc. CA Fort Bragg; ch. 8; Mad River Broadcasting Company Inc.

LA Baton Rouge; ch. 44; Louisiana SuperCommunications Limited Partnership.

NJ West Milford; cn. 66; New Jersey Hispanic ETV Corporation Inc.

SC Charleston; ch. 36; Best Broadcasting; Channel 36 TV Associates; Charleston Communications Ltd.; Daye Corporation; Evelyn Broadcasting Company; Monts & Pritchard Inc.: Non-Profit Television Concepts. 'X Amarillo; ch. 2; Family Media Inc.

WA Bellingham: ch. 64: Bellingham TV Associates Ltd.

AL Opelika: ch. 50; L. Lynn Henley.

III Minneapolis; ch. 45; Jean Turner Goins.

NC Morehead City; ch. S; James E. & Rachel J. McManus.

SC Myrtle Beach; ch. 32; Sheila Lynn McManus. OR Portland; ch. 40; Portland Television Associates Ltd. (Supplemental initial decision granting permit to Cascade Video of Oregon: the Review Board had told the

presiding judge to further check Portland Television Associates for misrepresentation 24 4349 316 AR Fort Smith; KPOM-TV (CP) and lack of candor).

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

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

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

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

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS 48 2340 1100 NJ Burlington; Brunson Communicus 24 5000 294 VA Danville; Haughton Television 35 1000 386 ME Lewiston: Kennebec Valley Tel- KY Beattyville: WLJC-TV, ch. 65; granted MP evision (Initial decision) 55 5000 1251 TX Lake Dallas; Opal Thornton

(Review Board decision, reversing initial decision) 51 5000 975 TX Katy; Johnson Broadcasting

Inc. (Initial decision) 8 215 2445 CA Fort Bragg; Capital Foothills Broadcasters

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

36 5000 2000 SC Charleston; Caro Broadcasting 64 420 2421 WA Bellingham; Prism Broadcasting NC Raleigh; WIFL-TV, ch. 22; granted CP to (confirming report in 8/86VUD)

2 100 773 TX Amarillo; Amarillo Junior College District 50 1000 477 AL Opelika; Virginia L. & Fred-

eric O. Fruits 50 5000 800 TN Memphis: Kyles Broadcasting Ltd. (Initial decision)

CONSTRUCTION PERMIT CANCELLED PR Humacao; WVSN, ch. 68 GA Brunswick; WHJF, ch. 21

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS 52 4385 1068 AL Tuscumbia; WGEI (from ch. 47, which was recently deleted from the Table of Assignm'ts)

51 201 425 AR Rogers; KFAA

14 5000 874 GA Rome; WZGA (amended)

46 575 1948 PR Cidra: WCNT

CONSTRUCTION PERMIT MODIFICATIONS GRANTED 28 4466 2129 CA Oroville; Golden Calley Communications

41 205 297 LA Alexandria; KHCA 30 1100 1168 OH Portsmouth; WUXA

58 5000 1437 TX Dallas; KDTX-TV 56 5000 1786 TX Jacksonville; KETK-TV (KTRG)

6 100 1920 AZ Kingman; KMOH-TV

14 5000 918 GA Rome; WZGA (unamended)

APPLICATIONS TO CHANGE EXISTING FACILITIES 33 5000 1713 LA Baton Rouge; MRBT (CP)

19 1138 1170 MO Kansas City: KCPT (CP) 17 2500 999 NY Buffalo; WNED-TV (MP) 6 100 1861 CA Sacramento; KVIE (MP)

64 5000 1027 RI Providence: WNAC-TV (CP)

56 2051 1004 FL Melbourne; WAYK (MP)

CHANGES IN EXISTING FACILITIES GRANTED AK Anchorage; KAKM, ch. 7; granted MP to raise ERP to 163 kw max (presently licensed for 105 kw; had been granted STA to operate with 34.9 kw max); 781' AAT/773.3' AG/888.7' ASL (636' higher AAT; 529' higher ASL): TL to Mile 2. Mackinzie Road: coordinates 61°25'22"/149°52'20" (due north, 14.09 miles, from present TL). WY Casper: KFNB (KXWY until recent change). ch. 20; granted CP to raise ERP from 68 kw max to 1557 kw max; 1750' AAT/150' AG/ 8190' ASL (20' higher ASL); TL to Casper Mountain, 8 miles SSW of Casper: coordinates 42044137"/106018131" (0.1 mile due west of present TL, based on coordinates). Change should result in a much larger coverage area and better DX, if there is such a thing in the mountains. At least Casper residents should be able to put away their antennas.

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

FL Jacksonville; WJKS, ch. 17; granted CP to raise ERP from 4570 kwmax/1450 kw hor to 5000 kw max; 998' AAT/978' AG/1013' ASL (formerly 990' AAT). Don't expect any visible changes in signal strength. raise ERP from 1415.8 kw max to 5000 kw max; 1675' AAT/1545' AG/2015' ASL (527' higher AAT/488' higher AG and ASL); same TL. Look for significant change incoverage area as well as a better DX target. OH Sandusky; WGGN-TV, ch. 52; granted MP to raise ERP to 1482 kw max (presently li-

censed for 49 kw max according to some records, but data base from Larry Fuss has 264 kw); 774' AAT/715' AG/1415' ASL (presently 670' AAT); same TL. Expect big increase in coverage area and better chances at DX.

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

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

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

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

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

APPLICATIONS FOR CALL LETTERS: NEW STATIONS ST CITY/APPLICANT CH CALLS

49 KTFH TX Conroe: San Jacinto Television

Corporation TX Wolfforth; Randy Chandler Min-22 KLRB istries

CALL LETTERS GRANTED: NEW STATIONS 46 WNPL-TV FL Naples; WNPL

56 KETK-TV TX Jacksonville; KTRG

FL Tice: Tice Television Company 49 WTBH 5 KFVE HI Honolulu: Ka'Ikena Lani TV Corp

MS Wiggins; Sara I. Dunn 43 WBDS

CALL LETTER CHANGES GRANTED: EXISTING STA'NS 12 KVIH-TV NM Clovis: KMCC

22 WYOU PA Scranton; WDAU-TV 64 WNAC-TV RI Providence; WSTG

12 WJFW-TV WI Rhinelander; WAEO-TV NY Syracuse: WKAF 68 WSYT

WY Casper; KXWY-TV 20 KFNB WY Rawlins: KRWY

11 KFNR WY Riverton; KFWY-TV 10 KFNE

NEW STATIONS ON THE AIR CT New London; WTWS, ch. 26+ was seen testing by Roy Barstow

on 9/4/86; it began programming on 9/15. 2792 kw max KIEW LOKDON ERP: 1251' AAT/ 1166' AG/1467' ASL; TL 1.3 miles southeast of New London on Hwy 85, Chesterfield CT; coordinates 41°25'05"/72°11'55"; Address: CTV of Connecticut Inc., 216

Broad Street, New London, CT, 06320. Independent station.

HI Honolulu; KBFD, ch. 32z, went on the air 3/21/1986; 146 kw max ERP; conflicting data on antenna height; TL 1188 Bishop Street, Honolulu; coordinates 21018'49" 157°51'43" (same as for KDSC-TV, ch. 14); independent station. Address: The Allen Broadcasting Corporation; 1188 Bishop St, Penthouse 1, Honolulu, HI, 96813.

AL Gadsden; UTJP, ch. 60z, went on the air on 7/22/86; 5000 kw mex ERP; 1139' AAT/703' AG/2023' ASL; TL 3.9 miles northeast of Springville, AL; coordinates 33048'53"/ 86°26'55"; independent station. Address: All American TV Inc., Box 60, Springville AL, 35146.

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

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

south of Gray ME; coordinates 43051'05.5" 70°19'40". Fox Broadcasting affiliate: Address: Portland Broadcasting Inc., 2320 Congress St., Portland OR, 04102.

CA Salinas; KSMS, ch. 67-, reported on the air as an SIN affiliate, replacing KCBA, ch. 35, which is now independent, 2306.2 kw max ERP; 2365' AAT/433' AG/3433' ASL; coordinates 36045'19"/121030'05". No other information available at this time.

NY Utica; WTUV, ch. 33z, seen testing by Dave Nieman on 9/24/86; 42.5 kw max ERP; 647' AAT/175' AG/1551' ASL; coordinates 43002' 14"/75°26'40". No other information available at this time.

MT Great Falls: KTGF. ch. 16z. went on the air 9/21/86; 2630 kw max ERP; 446' AAT/169' AG/4019' ASL: TL to SE quarter of Section 4. twp 21 N. range 3E, near Great Falls (Those figures relate to the Public Land System of land division); coordinates 470 36'26"/111°21'27"; possible candidate for network affiliation (presently two other stations are sharing all three network programs). Address: Continental Television Network Inc., Box 1219, Great Falls MT, 59401.

PA Erie; WETG, ch. 66+, went on the air on 9/2/1986; 35.81 kw max ERP; 885' AAT/691' AG/ 1991 ASL; TL 2.25 miles southeast of Kear Sarge on Waterford Pike Road, Erie; coordinates 42°02'31"/80°03'57"; independent station: address: Gannon University Broadcasting, Gannon University, Erie, PA 16541. (Yes, this is a commercial station)

Two new Canadian stations were reported on the air: CFJP-TV, a French-language station in Montreal, Que., was seen testing by Dave Nieman. Dave also reports a mystery channel 49: CFGS, "Super 49 stereo" probably around Ottawa-Hull: which were coming in at the same

Two more stations scheduled to sign on in October: KPST-TV, ch. 66z, Vallejo, CA; and WLAX-TV, ch. 25z, LaCrosse, WI.

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

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

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

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

From Bill Draeb (Kewaunee MI): "About the station guide - I think at this point just an ch. 18 owned by the local cable company, From updated list of stations with the usual info what I saw they are running some of the shows would be enough. I think those DXers who want off the free cable channels such as Teleto will make their own maps or whatever as an Auction. During the station breaks it looks as additional aid. Thompson's idea about small scale maps for is ch. 2-6 channels is a good one. I would probably extend that to include all VHF channels if I did my own. Individual state maps or area maps (New England, Mid Atlantic, Mid West, etc.) would be good for UHF since there will be more of those stations is since the land is US Forest Service propon that band if there already isn't.

"CBCE-16 must be running 59 kw or whatever it said in the VUD as they were in 5 days in a row the end of last month [August 1986]. I moticed one morning that and CKMC-9 & CKNY-10 rent policy is to react on interference proball had the same TP on it [ Multiburst test signal, the same as field #1, line #17 of the Service wants to make absolutely sure there VBI for stations with remote control transmitters]."

Nathaniel Ely (Madison MI) sent in an article from the 9/10/36 Capital Times about the lights on the WMSN-47 tower. "These white pulsars sit atop and at three places along the 1.167-foot broadcasting tower of WMSN-TV Channel 47, the city's new independent television station. Located on state property near the intersection of Mineral Point Road and the Beltline, the tower every couple of seconds emits a flash of light that many area residents find maddening. The disco-like lights are a source of stress, especially after dark, with some folks saying they're losing sleep because of the strobes power to gain circularly-polarized antenna and it general manager, Bill Franks, says he isn't too happy about the lights himself. But, he adds, 'The strobes were almost a necessity for us' under federal aviation regulations. Because the tower is in the flight path to Middleton's Morey Airport, Franks explains, special precautions must be taken to alert aircraft. Newly constructed broadcast towers in high-risk locations...no longer can use the soft red lights seen on the area's other towers. 'We would much rather have had red lights like everybody else, says Franks. That not only would have saved the station a lot of griaf...but also some 335,000 in extra KBAK-29 is still ABC, so one assumes that expense. A Federal Aviation Administration official in Chicago confirms that Channel 47 was ordered to use the strobe light. But. says airspace specialist Georgine McDonough,

during the day, then switching to the standard

Franks, He says it's his understanding that 'we don't have the option to switch back, no ifs, ands or buts about it. If he were to be he'd take advantage of it, since 'the expense would be just horrendous.

From Frank Aden Jr. (Boise ID): "I saw in the Ontario OR newspaper that KTVB has applied to renew the license of K13SL in Huntington OR. They listed 1kw as power (different from the TRANSLATOR LPTV GUIDE.) Probably more different than that. 1kw is probably the power of their final IF output. ERP, which is used in the GUIDE, can be many times greater than that. "Ontario also has a new LPTV on if they are cutting the sync. Not much of an operation." "On your comments about the Forest Service overstepping the FCC on transmitter site approvals - what you said is exactly how I reacted over 10 years ago when I found out about their authority. What I have been told erty they can set up whatever criteria they want & at present have stricter rules than the FCC. The interesting point is they do this with full FCC approval. Since the FCC's curlems only when a complaint is filed the Forest

won't be any problems." From John M. Jefferson (Pleasanton CA): I believe you've printed news of KSCH-58 Stockton signing on last April as an indie. They identify closely with Sacramento, and are cosited with the Sacramento stations. KPST-66 Vallejo has been testing, but doesn't expect to be on until December. They're cosited with most of the San Francisco stations on the Awful Tower (Sutro Tower for those who don't mind a metal Godzilla looming over them). And their signal here is just that - avful. The ghosting is horrible, and the audio is very mushy. KBHK-44 is quite usable, but KPST is using only something like 120kw into a highpenetrate even heavy curtains." "Channel 47's doesn't work well in shadow areas. KOFY-20 is just as bad, presumably for the same reason. And KOFY is actually worse at my parents' in Castro Valley, leading me to doube that I'm just in a null spot. Actually on the air. sort of, is KSMS-67 Salinas. No trace of them here, but that's no surprise. They're runnign 1kw into a highly directional antenna under STA b continue SIN programming in Salinas now that KCBA-35 has gone inglish-language indie. (That and the KSMS s/on happened 9/1) KSMS expects to be a bonafide station around the 1st of the year. Don't think your column had yet noted that KERO-23 Bakersfield is now with CBS. KGET-17 is NBC. KFTV-21 Hanford, by the way, lists K39AV Bakersfield on its TP. KNXT-49 Visalia, when last heard from, was aiming to be on by the end of the summer. No sign of 'they were given the option' of using it only testing, so they'd better hurry!"

MELEVISION NEWS - page 6 now (CBS, NBC) with CBS as the primary network. is building the station. KPST will be on the In Wyoming, KXWY-20 in Casper is now KFNB, and air by October 1, reaching 2 million homes in KRWY-11 in Rawlins is now KFER. They are both still (ABC, NBC, CBS)." Matt asks about South Dakota stations, "Anyone know why KDLO-15 is Rapid City, but 6 in Reliance is also KPLO?" I'm not sure what you mean, but KPLO is ch. 6 in Reliance, KDLC is ch. 3 in Garden City, both of which are satellites of KELC, ch. 11 in Sioux Falls. Channel 15 in Rapid City is K15AC. a translator that rebroadcasts the signals of KPLO-6. I hope that clears things. John M. Adams (Seaside OR), wrote on 10/7, "KECH-22 Salem has changed call letters last week to KWVT". An article from the 10/2/86 Portland Oregonian reports that the callsign stands for Willamette Valley Television. "CKVU. Vancouver is definitely on Ch. 10 now according to the most recent Western Washington TV Guide. This station carries many programs from all three major U.S. networks, sometimes at the same time as in the states. sometimes anywhere from an hour to several days before it is shown in the U.S. Other notes from the West Wash. TVG: The network affiliation for KVOS-12, Bellingham is listed as (ind, CBS), which may be just as well. As I've mentioned before, this station airs very little of the network's programming. The only metwork programs they air: some cartoons on Saturday morning, CBS News Sunday Morning... 60 Minutes...the CBS Sunday Night News, and

Cagney and Lacey on Monday Nights. A number of translators are mentioned in the channel listing, though no calls are mentioned: Ch. 2 North Seattle (KO2CU, western shore of Lake Washington: Seattle) relaying KSTW-11; other translators all relaying KIRO-7; ch.2 Alki Point (KO2EO, Beach Drive area of Seattle); ch.46 Olympia (K46AJ); ch.53, Centralia Chehalis (K53AZ); ch. 54 Bremerton (K54AO); ch. 61 Port Angeles (K61CG); ch.78, Vashon Island -Des Moines (K78BM, Point Pulley; surrounding western shoreline of Puget Sound); and ch.79 Puyallup (K79BE). (One map I have spells it Point Pully and also calls it Three Tree Point; most maps just call it Three Tree Point.)"

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

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

Matt Sittel (Kingsport TR) writes, "KTVS is lejo from ... Pan Pacific Television Inc. which the Bay area." "Home Shopping went public on May 13 at \$13 a share and closed vesterday at 28 after a 3-for-1 split on Sept. 8."

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

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

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

Gazette Co. of St. Joseph. 110, agreed to buy WECT, ch. 6 in Wilmington, NC (or at least the majority holdings of the station.) No changes are expected in the station's format or management. "WECT signed on the air on April 9, 1954 as WFMD-TV and brodcast from the third floor of a building at Third and Princess Streets, the current site of United Carolina Bank. It was Wilmington's only television station until WMAY began operating in 1964. WMFD-TV changed its call letters to WECT in 1958, a year after Atlantic Telecasting bought the station. It has been an NBC affiliate since 1955 and employs about 100." Another article from 9/28/86 (same paper?) reports that the recent Tax Bill will make such station sales as WECT common for a short period. It seems that corporate profits from the sale of a television station will go up from 28% to 34%, so now's the time to sell. Also, the new tax bill will eliminate tax write-offs for equipment. TV and radio stations have a comparitively small amount of expenses going to equipment.

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

Inger airing Fuji network's 'From Oregon with Love' (Japanese program). Earlier this year, Fuji was filming the third season of this program: "KECH-22's religious programs are mainly late morning and late evening (in cluding Dr. Gene Scott nightly 10:30-1am). The was several years ago that they were airing a CBS soap opera rejected by KGW-8. More recently they were airing a CBS soap opera rejected by KGN-6, but they've since dropped that too. "May VUD, pgs 23-27: Many of the stations in the ch 2-6 list listed as having more than to

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

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

Another letter from John Adams, actually earlier than the one I mentioned in the last page. Here he makes some corrections and comments on the LPTV/Translator List and recent columns in the VUD. On the XLTR list: "Two translators in Utah are listed as KO5GH. As far as I can determine, these translators are at least 100 miles apart." Probably. I suspect the FCC mistakenly assigned those call letters to two translators by mistake, and they both just happened to be in Utah. On the 1/86 VUD, p. 12 under Dave Nieman: ref. to WETM-TV should have been WENY. Other areas with more than one PBS station: Burlington (VT)-Plattsburgh (NY) have WETK-33 and WCFE-57. There are also other areas in New England served by more than one PBS. "Seattle-Tacoma WA: KCTS-9 and KTPS-28, KCTS is the main PBS owned, I believe, by the  ${
m U_n}$ iversity of Washington. KTPS is owned by the Tacoma Public Schools, and also airs PBS programs. KCPQ-13 operated as a PBS station in the late 70's, owned by the Clover Park School District in Tacoma. Clover Park sold

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

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



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

Evens/Vertical

NEW ON THE AIR

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

#### SATELLITE OF THE MONTH

SPACENET !

TRANSPONDER	SERVICES CARRIED
3	American Exxxtasy Ma/Com encoded
7	First Run Pay-Per-View Sony System? encoded
11	American Hospital Network Oak/Orion encoded
15	ACTS
16	S ! N Feeds from Televisa- Mexico City
19	Shopping Line
21	Baptist Television Network Oak/Orion encoded
23	misc. feeds

Odds/Horizontal

PLEASE NOTE - I goofed - I promised that this month the satellite of the month would be ANIK 8 and D. Time is short this month and these birds will entail a great deal of time to compile.

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

#### Randums

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

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

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

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

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

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

## **FM NEWS**

h.v: CBC . tm

Monterrey

Mateurst

(100000 h.v)

210

h.v (667)

terrai n

(3000 h.v)

105.5)

[CBC. tm

All Marten Mountain-Slave Lake 89.7 115 w/

91.9 510 wetts, CBC, tm

NB Moncton 103.1 47000 h,v; rock

ON Geraldton CFNU- 107.1 \$, r, 4 watts

ON Longlac CFNO- 107.1 \$, r, 4 watts

ON Hornepayne CFNO-107, 1 \$, r, 4 wetts

AT Wabasca (E. Peace River, NE Stave Lake)

, 3000 watts. Here's a translation from

Schierna (Government Radio) in Nuevo

transmitting with 3,000 watts of power

from Sabinas Hidalgo, Nuevo Leon,

XHSA3-your connection with the music."

I have been in Sabines Hidelgo, as it is ori

the main route from Nuevo Laredo to

AK Kensi K237CI 95.3 (apparently replacing

K2496Y 97.7, both alleged relevers of

WMBI-FM 90.1 Chicago and the Moody

CA Big Pine-Ulancha (from Bishop) K269CZ/

CA Burney K285DD 104.9 (from K288DM

CA Fresno KYNO-FM 95.7 21000 h.v: 235 m

CO Castle Rock KAUX 92.1 820 h.v. 189 m.

CA Northridge KCSN \*88.5 52 wetzs h.v: 648

CO Denver KBRQ-FM 105.1 1170', directional

CO Longmont KLMO-FM 104.3 adds v, 100000

CU Weisenburg KSPK 102.3 2200 h,v (380')

FL Jacksonville WLCS 96.1 100000 h,v; 985

GA Toccoa WZLI 106.1 1200' (160000 h.v)

IN Indianapolis WFBU 94.7 890' (52000 h.v)

IA Storm Lake KAYL-FM 101.5 100000 h.v;

LA Baton House K237CH 95.3 (from W228AN

93.5; two translators listed as carrying

KAJN 102.9 Crowley LA, but by different

owners. While they could both exist, I

assume K237CH, the newer listed, is correct

and that there will be no W228AN)

LA Lessvilla KVVP 105.5 330' (3000 h,v)

MA Acton WHAB \*88.7 (from 89.1), 27 watts

MI Bay City WHNN 96.1 100000 h[orizontal].

MI Ontonagon WONT 98.3 1100 h,v; 168 m/

NV Las Vegas KLUC 98.5 96600 h.v: 360 m

NJ Manahawkin WJR∠ 10.1 1600 h,v (4507)

NM Albuquerque K276CZ 103.1 (from K252BS

98.3, but seeks a further change to 106.7

because of new c.p. for 103.3 in Albu-

querque; moving from 98.5 most likely

because of facilities' improvement at KBDM

MO El Dorado Springs KESM-FM 105.5 190'

88000 v[ertical], 311 meters above everage

**Itransmitter Rockland Mi** 

but not greatest coverage!)

HI Wailuku KMRT \*90.7 1350 h.v: 1687 m

(may have the highest antenna height above

average terrain of any FCC-licensed station.

[101 7

Facilities Changes Granted

New FM Station, Translator Grants AL Florence W269AV 101.7 (WBTG 106.3 Sheffield AL translator)

AK Barrow K296D1 107.1 (KJNP-FM 100.3 North Pole AK)

AK Houston 94.3 3000 h,v; 81 m, g (Houston is probably sest of Anchorage, having geo-graphical coordinates 61-37-50; 149-48-49)

AK Pelican K219BA \*91.7 (KCAW 104.7 Sitka

AK Tenakee Springs K220BR \*91.9 (KCAW) AZ Lake Haveau City K205BK \*88.9 (KILA 90.5 Las Vegas NV)

AR Harrison K232CE 94.3 (KKTZ 103.3 Mountain Home AR, although a later FCC news release called it K232CI) CA Burney K272CO 102.3 (KSHA 104.3/

CA Desert Hat Springs K221CT 92.1 (KROR 106.9 Yucca Valley CA) (Diego) CA El Caion K257CY 99.3 (KWLT 94.9 San/

CA Inyokern K237CG 95.3 (KAVC 105.5 Rosamond) [San Jose) CA Los Gatos K261BW 100.1 (KBAY 100,3 /

C.A. Petaluma KVRE-1 101.7 (10-w on-channel booster of KVRE 191.7 Senta Rose) CO Granby K288DU 105.5 (KSKE

Kremmling) CO Silverton 99.3 600 h.v: 176 meters

CT Stamford KB2XAA \*91.9 6 wetts horizontal only, 37 meters, \$tereo assumed, CBS. assumed to be for FMXperimentation (but I read where CBS' technical lab in in Stamford is closing. Whether this will affect the future of KB2XAA is uncertain; that is the lab where Dr. Leonard Goldmark perfected the 33-rpm record)

KS Girard 101.1 3000 h.v: 330' KS Goodland 102 5 100000 h v: 308 meters

KY McDaniels (37-35-06; 86-22-13) \*91.5 5000 h,v; 290', g[ospel], Bethel Fellowship

ME Mexico 100.7 180 h.v; 393 meters MD Salisbury \*89.5 25000 h,v; 580', Salisbury State College (Houghton) MI Houghton W224AO \*92.7 (WGGL 91.1/

MI Min 103.9 3000 h.v: 330' MO Moberty 105, 5 3000 h.v: 330' [Ocaliala]

NE Chappell K221CU 92.1 (KOGA-FM 99.7/ NM Espanola K216BA \*91,1 (KUNM 90,1 Albuquerque) [Syracuse]

NY Ithaca W268AW 101.7 (WMHR 102.9/ NY Norwich W249AS 97.7 (WMHR) [Eugene) OR Corvellis K244CS 96.7 (KZEL 96.1 / OR Maugin K285DC 104.9 (KPDO-FM 93.7

Portland) TX Lubbock 106.3 3000 h.v; 330' [Lubbock)

TX Odessa K280CX 103.9 (KFMX-FM 94.5/ UT Beaver K269DN 101.7 (KBRE-FM 94.9 Cedar City) Lake City

UT Kanab K211BB \*90.1 (KUER 90.1 Sait/ K269DM 101.7 (KBRE-FM 94.9 Coular City; had operated on 180.9, but was displaced I(KBRF-FM) by KCKK 10 i.1 Kanab) UT Rural Garfield County K244CR 96.7/

K249CN 97.7 (KLCY-FM 94.1 Selt Lake (Radio Fellowship) VT Rutland \*90.5 720 h,v; -171 m, g, Christian/

VA Roanoke WYYD-1 107.9 (WYYD Amherst, 10-w on-channel booster)

VA Salem WYYD-2 107.9 (10 w booster) WA East Spokane K292DS 106.3 (KXLY-FM 99.9 Spokana)

WA Suncrest K292DT 106.3 (KXLY-FM) WY Evanston K296DJ 107,1 (KiSN 97.1 Sait

98.5 Los Alamos) NM Santa Fe KIVA 105.1 1935' (50000 h.v) NM Taos KVNM 101.7 -390' (3000 h.v) WY Raiston K272CP 102.3 (KOOK 102.9/ NY Butfalo WFBF \*89.9 (from 89.5-having to AT High Level (location unknown) 88.1 9400 move because of CIUT 89.5 Toronto (IN)

Bruce F. Elving, Ph.D., Editor 241 Anderson Road Esko MN 55733-9413 WFBF to have 8000 h, 7100v; 137 m

NY Henrietta WRHH \*90.5 2500 h.v; 127 m; they "promote themselves as Rochester's most powerful suburban educational station and sets out very well" MY Hornell WKPU 105.3 5600 h.v (adds v:/

NY South Bristol (changed from Bristol Centes) WZSH 95.1, IDs with Rochester, etc. (meritions several smaller villages in the area, rotating among them), nonfū: "We're Hochester's new Wish-95-FM')

UN Nipigan-Red Rock CFNO- 103,7 \$, r. 200 ND Grand Forks K292DU \*106.3 (from K285BG 104.9)

ND Pembina K280CY 103.9 (from K272AC MEXICO, Sabinas Hidalgo N. L. XHSAB 89.5 \$. 102.31

Spanish: "You're listening to XHSAB, Radio OH Lancaster WHOK 95.5 150 m (50000 n.v); adds directional antenna

Leon on 89.5 mHz of stereophonic FM; UR Jacksonville (from West Central Point) K252AA 98.3

PA Benton WBNE 95.9 3000 h.v: 330' [215 m PA York WOXA 105.7 25100 h.v. directional/ TX Abilene KEAN-FM 105.1 1165' (100000) hult transmitter Markel TX

TX Rockport KPCB 102,3 2500 h.v: 99 m VA Charlottesville WTJU \*91,3 adds v, 1500 h.v: 93 m

WA Seettle KCMU \*90.3 (from 90.5) adds v, 400 h.v: 535'

WI Manitowoc (from Two Rivers) WQTC 102.3 3000 h v: 3301

MB Winnipeg CBW-FM 98,3 160000 (from 354 kw); transmitter to Starbuck MB. Article does not give new EHAAT, nor does it say if CBW-FM is embracing vertical or circular polarization, which I suspect it may be doing)

ON Penetanguishene CJBC-3 96.5 (from Midland; "does not mention Midland in ID, but 'Midland-Penetanguishene' mentioned on English CBCM 107.5")

PU Camp LG-2 does not exist: "is actually the same at Radisson. The other I G () a Grands) camps also have town names but are unofficial. Radisson is an actual town. 'Therefore change CKBJ-2 98.1 to Radisson, (Radisson, of course, is named after a well-known Minnesota hotel chain!)

Slogans which are Nonl Ds

FL Bonits Springs WLEQ 96.1 (having moved from 95.9). "Adult Alternative," r FL Orlando WBJW-FM still BJ-105

Bloomington WBNQ 101.5 no nonID; 'WBNQ calls often said"

IL Chicago WLAK 93.9 always uses calls, along with W-Lake slogen; no nonID; now mr [middle of the road and rock music] WRXR 95.5 95.5 RXR

WGCI-FM 107.5 Power 107.5-GCI IL Mount Carmel WVJC \*89.1 no noniù anv

Peoria WWCT 105.7 "186" nontD still in use Urbana WPGU 107.1 "107" (back to: "another hard rocker, but DJs are students of U. of IL on a commercial station")

[vertical MT Havre KNMC \*90.1 10000 h.v; 115 m; IN Terre Haute WPFR-FM 102.7 PFR (now simulcast with AM)

LA Lafayatta KTDY 99.9 Light Rock-99.9 LA Lake Charles KBIU 103, 7 Bayou-104 (strict) MS Vicksburg WSTZ 106.7 Z-106 (strict),

r[ock] MO St. Louis KADI 96.3 no nonID; always gives calls with slogen

KHER 103.3 no nontD; always gives calls with

NY Rochester WALJO 92.5 92-5 FM PA Coudersport WFRM-FM 96.7 no nonID PA Greensburg WOKU 107.1 K-Hock-107, r (24 hour a day heavy metal format)

"Stereo-pnony"Defined!

TW Seimer WXOQ 105.5 adds Corinth MS. n-105 r //TX Monehens KGEE 99.9 KG-100 k TX San Antonio KITY 92,9 Power-93, sr. as at VINE 105 9 Les Anneles

VA Big Stone Gap WLSD-FM 93.5 D-93 inot strict; still IDs with Appalachia) BC Prince George CIBC 94.3 CI-Radio

BC Vannerhoot CIBC- ("-" left out of "FM Atias"; actual calls unknown; 95.9 relays CIRC, and slopen FM-94 heard)

ON Peterhorough CKOM 105.1 Q-105, very strict; "never heard proper calls"

Multi-City IDs Heard

FI. Bradenton WJIS \*88, 1 adds Sarasota WDUV 103.3 with Tampa-St. Petershurg itti Coldenter WNWN adds Kalamazoo-Battle Creek (still Country-98?)

NY Attica WBT+ 101,7 adds Batavia, rm NY Plattsburgh WGF899.8with Burlington VT

NY Seneca Falls WSFW-FM 99.3 adds Waterloo NC Asheboro WKRR 92.3 adds Greensboro-Winston Salem-High Point; still Rock-92

MC Asheville WKSF 99.9 adds Hendersonvitle-Greenville (SC)-Spartanburg (SC): still "Kiss-FM" [Greensboro-Winston-Salem

MC Burlington WPCM 101.1 with/ NC Goldsboro WEOR 92.9 with Wilson

MC Raleion WYLT 96.1 with Durham-Chapel Hill MC Salisbury WRDX 106.5 adds Charlotte: and see Oct. VUD. Bugsi for sonID (p. 26)

MC Winston Salem WTOR 104.1 adds Greensboro-High Point TX Dallas-Fort Worth KERA \*90.1 adds/ Denton

VA Abinadon WABN 92.7 adds Bristol VA Roanoke WXLK 92.3 adds Lynchburg

ON Ottawn CBOF-FM 102.5 with Hull FO. ON Thunder Bay CJSD 94.3 uses many cities. which vary, some over 200 km away, such as Marathon ON, List as [-. . . . . . . . . . . . . . . . PQ Trojs Rivieres CBMZ 106.9 with Shawinigan

Stereo, or Not in \$tereo AL Russeliville WZMX 97.7 r. "WZMX has a better signal here than WLAY 105,5 in Muscle Shoels. A very good IDer. Gives calls often, 'The new 97-7, WZMX'."

AR Little Rock KABF \*88,3 list as mono: "doesn't even turn on its 19 kHz pilot any

CA Colum KTMX 107.5 "heard testing with oldies; don't know whet; her that reflects their format or merely the engineer's persoanl tastes." They expected to be on as of Oct.

CA Stockton KSTN-FM 107.3 has 'stereophony, with emphasis on phony. They've had a stereo carrier, but the only widence that it is real and not a 19 kHz spur was a slight channel imbalance for a couple days. They also feature the usual horrible buzz and a trash compactor to boost the noise during pauses in the talk. All in all, a discredit to the broadcasting community'

CA Taft KTLM 103.9 remove stereo and format listing; station remains unbuilt, and ewaits sale before going on air, possibly at increased height

\_\_\_IL Champaign WEFT \*90.1 no stereo, despite completing power increase. Besides playing jazz and rock, has reggee, gospel, punk, classical, talk, "Very radical formet"; remove \$ listing

IL Petersburg WLUJ 97.7 to have \$tereo MN Faribault KDHL-FM 95.9 to have \$tereo MS Booneville WBIP-FM 99.3 kr (k days; r MS Fulton WFTA 101.7

Alfred WALF \*89.7 [FM" (strict) NY Watertown WTNY-FM 93.5 r. "T-93-/

NC Black Mountain WMIT 106.9 resumes stereo NC Cullowhee WWCU \*90.5 NC Elizabeth City WRVS \*90.7

ND Lisbon KQLX 106.3, k ND Williston KPPR \*89.5, ci KDSR 101.1 OH Bellevue WNRR 92,1 OH Chillienthe WKKJ 93.3 OH Tiffin WTTF-FM 103.7 OH Wooster WCWS \*91.9 (translator)

OR Coos Bay KYTT 98,7 (affects 1/ OR The Daties KACI-FM 97.7, r[ock] PA Clarion WCCR 92.7. rm PA Jersey Shore WJSA-FM 93.5 (conflicts with

what one reporter earlier said PA New Wilmington WWNW \*88.9 PA Slippery Rock WSRU \*90.1 RI Coventry WCVY \*91.5

RI Providence WDOM \*91.3 SC Clemson WSRF \*88 1 SC Hanshan WAVF 96.1

SC North Charleston WYFH \*90.7 SC Orangeburg WSSB \*90.3 SC Ridgeland WXRY 104.9

SC Walterboro WALD-FM 100.9 SC Wedgefield WIBZ 99.3, r SD Sisseton KREH 99.3, q

TN Jamestown WCLC-FM 103.1. m TX Carrizo Springs KQMG 93.5. r TX Floydada KKAP-FM 95,3, r

TX Laredo KRN1 \*89.9 TX I lane KI KM 104 9 TX Paris KBUS 103.9, rm

TX Round Rock KHCS \*88.1; adds Austin ID TX Texarkana KTXK \*91.5 TX Wichita Falls KTLT 106.3

UT Cedar City KGSU \*90.1 UT Orem KMGR-FM 107.5 (affects 1 translator) UT Price KPRO 100 9

VA Chester WDYI 92 1 VA Clarksville WLCQ 98.3 VA Pennington Gap WSWV-FM 105.5, r

("mostly older stuff. . . . . . . . their new antenna prevents reception of WVTN Gatlinburg GA McRae WDAX-FM 95.3 †A (no †A TN here at 44 miles")

VA Staunton WANV-FM 99.7 VA Woodstock WAZR 95.9. a VA Yorktown WYCS \*91.5 WA Grand Coulee KEYG-FM 98.5 WA Kennewick KTCV \*88.1. p

WA Spokana KWRS \*90.3 WV Elkins WVHT 99.3 WV Hinton WMTD-FM 102.3. k WV South Charleston WJYP 100 9

WV Sutton WCKA 97 1 WI Milwaukee WYMS \*88.9 WY Riverton KTRZ 93.1

PR Arecibe WNIK-FM 106,5 VI Christiansted WSTX-FM 100.3, m ON Hamilton CKLH 102.9 m-began regular programming Oct. 6

Call Letters Granted, Changed

AL Linden 107.1 WDAI AK Anchorage 102.1 KPXR (KRKN), r 103.1 KXDZ (from KBLK) AK Fairbanks 98'1 KWLF (KECA) AR North Little Rock \*91.5 WLRF AR Osceola 98.1 KWLN (not KWLU) CA Los Gatos 95.3 KATD (KRVE), 'The CA Monte Rio 97.7 KCLQ (KMGG) CO Lamar 105.7 KNIC, 505' (100000 h,v) CO Pueblo 100.7 KATM"-FM" (KZLO) FL Miami 97.3 WGTR (WAIA), rp FL Quincy 101.7 WIQI (WWSD), Q-102 FL Sarasota 106.3 WSRZ (WMLO)

GA Athens \*91.3 WUGA (WCAG) IN Terre Haute 100.7 WMGI (WVTS) IN Vincennes 96.7 WFML (WRTB) IN Washington 106.5 WRTB (WFML), r.

IA Dubuque 102.3 KXKX (KQKX)

Noven.ber. 1986 IA Marshalltown 101.1 KMTG"-FM" (KFIB-FM) IA Mason City \*91.5 KUNY (KRNI) KS Lyons 106.1 KSKU (KLPO; affects

one translator)
KS Pittsburg 96.9 KKOW-FM (KQWK) KS Wamego 95.3 KSKT (KAWQ) KY Bowling Green 96.7 WCBZ (WLBJ-FM) LADonaldsonville 104.9 KKAY-FM (KSMI"-FM": AMis in White Castle LA),

ME Bangor 97.1 WYOU-FM (WBGW: WYOU [TV] in Sharon PA)
ME Portland 97.9 WWGT-FM (WWGT) MA Chatham 107.5 WFCC"-FM" (to be k, not c)

MI Bay City 102.5 WIOG (WGER), r MI Dearborn 100.3 WNIC (WNIC-FM; nonID assumed retained)

MI Saginaw 106.3 WGER (WIOG), b MN Fergus Falls 96.5 KJJK-FM (KJJK),

nonID assumed dropped MS Aberdeen 105.5 WWZQ-FM (WHAY) MO Kansas City 94.9 KCPW (KBKC), sr MT Hardin 95.3 KBSR-FM (KATM) NV Henderson 95.5 KLSO (KYYX) NY Buffalo 104.1 WHTT-FM (not WHTT) NY Rotterdam 98.3 WNYO (WERV) NC Tabor City 104.9 WYNA (WKSM) OH Columbus 99.7 WMGG (WRMZ), r,

"Magic" OH Hamilton 96.5 WBVE (WSKS), k, "Beaver-961/2"

PA Bellefonte 95.3 WZNW (WWZW), \$, (KEYI: nonID assumed retained) UT Roy 107.9 KRPN (KRGO); affects one translator

VA Franklin \*91.7 WWWP WA Olympia 96.1 KXXO

WI Holmen 105.5 WKBH"-FM" (WKDL) FMistakes, 10th eu. "FM Atlas" -and this column!

shows on p. 98) MI Ann Arbor WCBN \*88.3. p. 127.

listed incorrectly as WCRH NH Plymouth WPNH-FM 100.1 2350 h.v (not 23400 h.v); 111 m, a not a Class A going to above 3 kw, as FCC proposed and as one reader speculated (VUD, September, p. 43)

NJ. p. 21 on NYC FM dial \*99.1 should be WAWZ, not WAWZ-FM Zerephath NY NYC FM diel, p. 21, 193.9 WFAS-FM, not WFAS. White Plains UT Coalville (not Coalfield), p. 118

Repeating two corrections: WHPR \*88.1 High land Park MI, 10 w, omitted from p. 127. WTSD not listed because WTSD is deleted; remove WTSD Waterford MI from p. 43 map

See also October VUD for:

AL Florence WOLT, Smolerak, questionable formet change from r (s. 28)
DE Ocean View WOVE 101.7 formet (stereo?), p. 29, Feia LA Winnfield KVCL 92.1 questi-enable format

change from r (p. 28) NV Henderson 106.5, p. 27, Merrill. One source I checked with says calls still KMZQ, not KLZI [p. 28; \$?

NJ Cape May WBNJ 105.5 format, Bugai. OK McAlester WMCO 101.3 slogan, which is probably also a noniD at times, n. 29, Fela [Ross, p. 24]

PA Erie WXKC 98.9 nonfD and format/ PA Warminster WRDV \*89.3 vertical ERP, Holbrook, p. 19; latest I just saw is that they're applying for this, and asking the FCC to reconsider a previous denial of it

Lake Success

#### Format Changes

AR Hot Springs KLAZ 106.3 r. "Z-106" CA San Diego KLZZ-FM r, no nonID

CA Santa Margarita KWSP 106.3 b, 'Whisper 106 FM" (seems strict; not known if stereo) CA Walnut Creek KINQ 92.1 jr, "progressive jazz, a mix of modern jazz/fusion and soft-rock vocals, perhaps jr would fit best";

affects one booster CO Gunnison KVLE 102.3 k (affects 3 trans-/ CO Hayden KKMX 95.9 r (affects 1 trenslator) CT Denbury WDAQ 98.3 m[iddle of the road music] FL Key West WKRY 93.5 m Inot known if \$

FL Springfield WVBM 95.9 adds Panama City, s/ FL Vera Beach WCXL 101.7 r, ID with Fort Pierre Stuart Steren

IL Chicago WBBM-FM 96.3 rs, still "B-96," but not strict, often using calls WJMK 104.3 r (oldies)

IL Des Plaines WZRC 106.7 rp, "Z-Rock" II. Elimburat WRSE \*88.7 ir, some Spanish

IL Kankakas WKOC \*89.7 (from 88.3), \$, q, "s nice alternative right next to WLRT 92.7 "Lite Rock FM-93." not stereo

while testing, but could be stered by now, r IL Morris WCSJ-FM 104.7 rock and country IN Terre Haute WHHD \*90.5 r ("hard rock")

KS Derby Y/RZZ-FM 95.9 r, ID with Wichita KY Hazard WSGS 101.1 kg. "This k station plays some of the most obnoxious hillbilly music ever heard on the FM band. The only

worthwhile aspect of listening to WSGS might be the Nashville Country Network at night, but only if you don't mind listening to a station in mono. Screaming preachers are heard one hour each mnorning and one hour each afternoon on a daily basis. This same type of preaching is broadcast all day each Sunday. There is no music. In this DXer's opinion, a powerhouse mono FM station with this format is deserved of only one thing; the AM radio band!"

LA Laplace WCKW-FM 92.3 rp; ID with New Orleans

MA Boston WZOU 94.5 r. Z-94 NE Grand Island KSYZ 107.7 r NH Nashua WHOB 106.3 r, not known if

NJ Atlantic City WAYV 95.1 b ("and some emi-classical"

NJ Vineland WVLT 92.1 back on air, r (light), "92-FM Lite" (strict)
NM Los Alamos "77 100 09,5 r, dual city ID

NY Ithaca WHCU-FM 97.3 r. "Lite-97.3" (semi-strict), "Your favorites from the GOs, 70s and 80s" (affects one translator) NY Rochester WEZO 101.3 mr

NY Utica WUNY \*89.5 cj, "simulcasts with WCNY-FM Syracuse, as does WJNY Water-

NC Elizabeth City WMYK 93.7 s, "Rhythm of the City." Tower near Moyock NC. "Their new 1,000' tower lies within the shadow of the North Carolina-Virginia statu line. . . with line-of-sight to Chesapeake and downtown Norfolk-Virginia Beach. The terrain is all flet coestal plain." IDs with Yirginia

Beech- Hampton VA. NC High Point WOJY 130.3 mr, music "perallel to WYLT 96.1" Raleigh

NC Newport WZYC 193.3 r. menn

NC Raleigh WYLT 96,1 mr NC Winston-Salem WSNC \*89.3 p[rogressive r] OH Kettering WVUD 89.9 r OH Upper Sandusky WYNT 95.9 rk

OR McMinnville KSLC \*90.3 r OR Medford KBOY-FM 95.7 rp, affects 2

translators PA Greencastle WKSL 94.3 km (country and middle of the road)

PA Greenville WEXC 107.1 r[ock] PA Pelmyra WCTX 92.1 r (old rock), "X-92; Memories" (not strict)

SC Greenville WPLS \*98.5 p TX Brenham KWHI-FM 106.3 k[ountry] TX Cotulia KDCY 97.7, Spanish, k TX Dallas KZPS 92.5 rock and jazz, rj

TX Kenedy KTNR 92.1 k TX Tye KTLC 99.3 jb, mono UT Ogden KWCR \*88,1 rp VA Fredericksburg WWWH \*89.7 g[ospel] VA Luray WOAA 193.9 ok (gospel, country)

VT Burlington WEZF 92.9 m WA Hoguiam KGHO-FM 95.3 gospel and rock,

WA Spokane KOSP 98.9 g. still mono WV Berkeley Springs WCST-FM 93.5 k WV Institute WEYS \*90.9 soul and jazz, sj WI New Richmond WIXK-FM 107.1 k (very

mild country, almost m) WI Shawano WOWN 99.3 rm AT Red Deer CECR 98.9 rinck)

ON Party Sound 103.3 CFBQ. or is it CKLB. or is it CFLP? All three sets of calls for this station have been sent in, and until proven otherwise I'll dub it CFBQ. Its format is m. not known if \$, and its slogan is (or was)

### Off Air, Deleted?

NY Alfred WETD \*90.9 NY Brockport WBKT \*93.3-neither of these two stations heard while driving through

Deletions AR Arkadelphia K2288T 93.5 IA Fort Madison K252BU 98.3 IA Ottumwa K269CM 101.7 NE Columbus K249BU 97.7 NE Holdrege K276CC 103.1 NE North Platte K269CN 101.7 NE Superior K269CU 107.1 Above all dismissed for denial of application for extension of time to construct. Status of Beetrice NE K285CB 104.9 not known-another co belonging to the same owner.

SCServices, 67 and 92 kHz

AR Conway KMIX 105.1 Multicomm. †Y, probably at 92 kHz, although reporter claims it is more toward 75 ĒΗ,

AR Jacksonville KEZQ 100.3 †X data, 67 kHz

AR Jones Loro KJBR 101.9 †U data, 92 kHz (high pitch tones, replacing voice paging) KFIN 107.9 †Z frequency shift data, 67 kHz; †M (easy listening), 92 kHz

AR Little Rock KKYK 103.7 †Paging, 92 kHz (†M remains on 67 kHz)

AR Mountain View KWOZ 103.3 † Paging 67 kHz, no 92 kHz †X any more CT Hartford WDRC-FM 102.9 fG (Dr.

Scott, University Network), 92 kHz GA Atlanta WARM-FM 99.7 no 67 kHz:

92 kHz †Z data IN Fort Wayne WBNI \*89.1 has †R 67 kHz, keeps carrier on all night even wihout main channel programming be-

cause of the SCA IA Sioux City KGLI 95.5 †Z KS Topeka WIBW-FM 97.3 †Z MN East Grand Forks KZLT 104.3 †U. 92 kHz

MN Fergus Falls KBRF-FM 103.3 †X, Northern Data Communications, Fargo MN Little Falls WYRQ 92.1 †Paging, "WYRQ's Alert Paging"

Noveniber, 1986

MN Montevideo KMGM 105.5 tU, "TFT model 730A" remote control

MN Moorhead KVOX-FM 99.9 †Pagingt 67 kHz (had data)

MN North Mankato KDOG 96.7 tU. 67 kHz

MN Redwood Falls KLGR-FM 97.7 †S (Marti Unit for special events) MN St. Cloud KCLD-FM 104.7 no 92

kHz paging MN Willmar KQIC 102.5 92 kHz †X (Market Ouoters): retains Muzak 67 kHz/MS Artesia WZIX 100.1 †X, 92 kHz

MS Kosciusko. WBKJ 105.1 †P, 67 kHz. apparently testing for

MS Oxford WWMS 97.5 †U telemetry, 67

MO Kennett KTMO 98.9 †Z data

NI Newark WFME 94.7 data 67 kHz, replacing Spanish WNWK 105.9 its second ethnic SCA, at 67 kHz, having problems with very low modulation

NI New Brunswick WMGQ 98.3 †C (relays AM station WCTC 1450), 67

NI Trenton WPST 97.5 no ethnic: relavs their AM, WHWH 1350, 67 kHz WKXW 101.5 †Y 67 kHz, slow speed data

NJ Zarephath WAWZ \*99.1 ethnic (Italian), 67 kHz

NY New York WNYC-FM \*93.9 no ethnic SCA; open carrier only, 67 kHz WYNY 97.1 list 92 kHz as †E, not †M for its Chinese music (67 kHz continues

WBAI \*99.5 has two data SCAs, list 67 and 92 kHz both †X

WCBS-FM 101.1 has data, 67 and 92 kHz, both †X

PA Jenkintown WIBF-FM 103.9 ethnic (unidentified oriental), 67 kHz, †X, 92

PA Philadelphia WWDB 96.5 tY 92 kHz (slow speed data; retains †M 67 kHz) SC Greenville WMUU-FM 94.5 92 kHz †X (67 kHz †M retained)

TN Jackson WRJX 103.1 no SCA; apparently dropped all SCActivity in Sept.

IN Memphis WKNO-FM \*91.1 †R 92 kHz (various talk, including †TB, remains on 67 kHz; sometimes even relaying area AM stations)

WRNB 101.1 †U 92 kHz (had paging; now only high-pitch tone; 67 kHz SCAbandoned)

WEGR 102.7 tM 92 LHz (PRN remains on 67 kHz); now using, on main carrier, strict "The Eagle 102.7, with legal ID made up of the letters W-E-G-R which have occurred in AOR songs of the past, all spliced together. Different."

TN Milan WYNU 92.3 paging 92 kHz (music remains on 67)

ON Kitchener CFCA 105.3 †R (foreoround music) 92 kHz (music 67 kHz); IDs on main channel as Kitchener-Waterloo-Cambridge

Contributor, Continued from Rear of Column: And Baruch L. Vine, newsletter inventor investor, somewhere in America's hinterlands. Good listening!

### Readers' Reports and FM Nems

Two readers sent maps showing where Micanopy FL is, so the dot for WGLV can be placed closer to Gainesville, "just east of I-75, 12 miles NE of Williston and 11 miles SSE of Gainesville, Population is 737," says Nick Lombardi, John Combs also accurately placed Miconopy on the map, and adds. "Micanopy is a very small place, so not surprising you've not seen it on maps. It is as nice little historical town and a mecca for artist-types; i.e., lots of potters, sculpters, photogs, etc. base themselves there."

Nick, who finds my new Olde English type font "interesting to look at" but "best reserved for Christmas cards (it's difficult to read)," contacted WZLI Toccoa GA and found out from Alan Brooks, c.e., what their new height is (see "facilities changes" above). Brooks says "the increased tower height was in response to recent FCC rules which require stations to use or lose' certain privileges. To maintain our 100,000 watt, Class C gratus, we had to raise our tower height. It was decided to move Physics FM facility to the Stoney Mountain area in Rabun county meet the requirements set forth by the FCC." I checked, and 48 miles' primary, that would not give WZLI rim-shot coverage into Atlanta. Now, if they had moved their tower to Gainesville. . . (and with WYAY 106.7 Gainesville transmitting closer to Atlanta, that might have been possible)!

Both "USA Today" and "SCA: Radio Subcarrier Report' newsletter had articles on the sale of Muzak to Marshall Field V of Chicago. Background music subscribers have remained at 135.000 since 1981, and foregrond music has scooped in an additional 4,000 subscribers in the limited areas in which it is available. Field also brings with him Yesco, Seattle background music supplier. In certain markets there is overlap, and a question is which will survive, Muzak's foreground "FM-One." or Yesco's foreground "Studio 1000," and whether the firm will continue to be based in New York or move to Seattle. One inside observer, quoted in the newsletter says, "The merger has totally destabilized the market. AEI [Audio Environments, Int. ] and Seeburg should be going nuts about now." AEI, also based in Seattle, is a foreground music supplier, and speculation is that it may get into background music to give the expanded Muzak company more competition.

Well-known DXpert Gerry Dexter has written a trio of books that may interest WTFDAers. "Shortwave Radio Listening with the Experts" is a 520-pp volume covering many aspects of DXing, including FM. I happen to have authored the FM chapter, and the price of that book is \$22.95. The book covers public service band and uturies Dang, or which the DXing. It does, however, discuss computers and DXing.

"Secrets of Successful QSL'ing" is a book showing how to elicit reception reports from stations, and is \$9.95. His newest book is "Muzzled Media-How to Get the News You're sing," with publication expected by the end of this year. This book covers international radio from the aspect of newscasting. It can be ordred at \$8.95. Send \$1 for shipping for sch book, and order direct from Tiare Publications, PO Box 493, Lake Geneva WI 53147.

Late word is that I am scheduled to be on ABC Talknet (principally WABC 770 New York) 3 a. m. Eastern Time, the Saturday morning of Jan. 10Besides in studio guest WTFDAer Paul Swearingen, the other phone-in guest is expected to be Bob Grove of "Monitoring Times." This program should be more FM and VHF oriented than the one a year earlier. And I want to thank the ANARC executive committee for naming me 1986 "specialty band DXer of the year." A nice framed award came

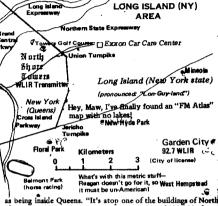
One Huson A. Wilken did a comparison of my "FM Atlas" with the National Radio Club's Domestic Log for AM stations. He'd like to see a 3-volume compilation, one of AM, one of FM and one of TV stations. He compares what is better about my book and what is better about the NRC's. He likes the grouping of stations under states, the maps ("one who is on a trip can use it to find out what stations broadcast in the next town that one will pass through rather than wasting one's time trying to receive stations that are located too far away to be received"), and the nonIDs. What he likes about the NRC listing is its giving weekly broadcast schedules, call letters in alphabetic order, and mailing addresses.

Former WTFDA columnist Doug Dornbos writes to say that Finco/Sonim are gone, with Antennacraft having bought some of their manufacturing facilities, "notably the UHF parabolics." A blind customer of mine, who has a modified G-E Superadio with SCSounds, Joan Drezhlo, says "I hope you can continue woviding what must be the only way for private people to listen subcarriers. I am always just a bit afraid the FCC will try to

shut you down. It is even illegal for us to have these tunable sets

Detroit's Mike Galloway heard early reports about WIOG 106.3 Saginaw increasing power. As you can see, in "Call Letters Changes" above, WIOG and WGER are trading channels; with beautiful music being relegated to Class A status. Mike's DXing efforts are limited, saying he only once heard WLHI 95.7 Grand Rapids "when a local Detroit station, WCZY 95.5 went off the air for technical adjustments for about an hour."

My other plea for map help was answered by Eric Fader, who sent a nice map showing the eastern boundary area of NYC. He accurately pinpointed the WLIR 92.7 Garden City NY transmitter



as being inside Queens. "It's atop one of the buildings of North Shore Towers (not Tower), an expensive (\$500,000 for a 2-bedroom) condominium apartment complex.

Eric says WOHT 103.5 Lake Success NY's format is identical to WOHT 105.1 Coral Gables FL, and just like the old-style disco WKTU 92.3 used to have, Ralph Strobel says W208AA \*89.5 Richmond IN, which is supposed to pick up WCDR \*90.3 Cedarville OH, sometimes retransmits WBCL Fort Wayne, also on \*90.3. This happens when WCDR leaves the air, and Ralph wonders if it is legal. I would say not, unless the translator has special permission to do this. I could see this happening, since WCDR and WBCL have similar formats. And Ralph has noticed WDHS on \*91.1 keeping its carrier on 24 hours a day, which would be illegal, unless WDHS supplies hourly identification announcements. Via skip he heard KGNZ \*88.1 Abilene TX pleading for donations. "Said if you couldn't send money, please pray for them. Before their power increase to 75,000 watts, the electrical bill used to be \$300 a month. Now it is \$1500 per month. . ." The information on the new Mexican FM station in Sabinas Hidalgo was from Ralph, via Robert Grant who "did a fine job translating—and you will want to add this to the FM Atlas." This translation service Robert provided is appreciated by Ralph and myself, and I am sure ultimately by other DXers. It is excellent when a DXer who knows another language will translate a tape like Robert (id! Ralph also mentioned he received excellent help from Jeff Kadet in figuring out what some of his Mexican catches were. My favorite Mexican to DX is XET-FM 94.1 Monterrey, NL, which gives a

merican to DA MADI-PM 94.1 Monterrey, NL, which gives a full legal ID between every sone, and which I learn while in Monterrey and several times via skip when I lived in NE.

Roger Winsor sent a nice note, "You do a great job. . . and the WTFDA is indebted to you," along with station news from his area. He feels that I should not lump all religious stations under the "3" sign, saying most are "Jesus-loving stations and not gospel," feeling Ch. for "Christian" is the way to go. He points out that I have multiple symbols for rock stations, .ne should give more symbols to Christianity. A good thought Roger, but I hate to invent a new symbol, especially one involving two characters. And to decide which stations conduct doctrinally "correct" Christianity can get a person into a whole new realm of controversy. One of our local stations (WWJC-Ahl) calls its format "Inspirational," so possibly a "g" and an "i" could be devised to separate two main religious formats—if my four categories for radio format taxonomy orderings could be adhered to (see Sept. VUD, p. 45). And to have a "g" format a station does not have to broadcast religious music-see WSGS Hazard KY, format news above. Roger says he went through the

November, 1986

FCC-FM

AM-FM Controversy Heats Up

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

to do with FMX.

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

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

any action will be taken before the Congress adjourns in early

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

been in a bad null area for WMBI-FM!

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

Frequency 91.3 Was WTHS-FM WLRN-FM 93.1 WKATEM WITM 93.9 WGOS WLVE 94.9 WAEZ WINZ-FM WPOW (just changed from WCJX) 96.3 WGBS-FM 97.3 WIOD-FM WGTR (just changed from WEDR (the only one that 99.1 WEDR hasn't changed!) WWOG WKQS 100.7 WMJR WHYL 101.5 **WWPR** WLYF 103.5 WWII WSHE 105.1 WVCG. FM TOHW WELM WAXY 106.7 WFTL-FM

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

WJQY

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

'86 "Broadcasting Yearbook," and sent about 10 typewritten pages of corrections and errors to them, which were in the by-frequency part on AM. "I received a nice three-page letter thanking me for the information. In his letter he mentioned they were going to include FM power/AAT information in the by-frequency section." WMKR 106.5 Baltimore has had a poor signal lately, says Joe

Fela, and will probably replace their antenna soon. Watch for a facilities' improvement there. An interesting question is aske! by Richard Reese. "Is WFYN Key West FL really going to move to 92.3? Seems unlikely with WCMQ Hialeah on that frequency!" I think so, because WCMQ is a C-1 or C-2 station, not a full C, and 139 miles' spacing need be provided between the two, But I enable some other station to squeeze in. He also asks about. CIFM 97.5 Williams Lake BC, now that CFFM Kamloops is CIFM? I will have to check, but suspect CIFM Williams Lake will adopt a numeral, like CIFM-9, or maybe you could check to see where the numbers go for CIFM stations and which one would most likely be assigned to Williams Lake. I assume they have the same owner.

Want to know bout data broadcasting and optical storage technologies? FM-SCA is partly included in the former, and if you want the complete low-down for \$1250 you can have a copy of the study, "The Market for Data Broadcasting Series" Publisher Partle 1981

copy of the study, "The Market for Data Broadcasting Services," from Robert R. Nathan Associates, 1301 Pennsylvania Ave., N. W., Washington DC 20004. If that is not good enough, how about an oral presentation for \$1850?

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

99.1 Winnipeg (target date 1988)
94.5 Regina (target date 1989)
99.7 Saint John (target date 1991)
101.9 St. John's (target date 1991)
Longtime radio amateur and DXer Al Ellis comments on

getting some of the area's low-power college stations in southern Ontario. "CHRU is almost impossible to get, with adjacent channel stations. . . I do believe they are stereo but use all types of music. Hamilton's CFMU McMaster University, CFRU Royal University, Guelph, both on the same channel, can be easily University, Gueiph, both on the same channes, can be easily heard with the present beam, as Guelph is north and Hamilton east by south. Due north is CKWR, an unusual set-u, in Waterloo. They call themselves World Radio, as they have no direct as yet connection to Waterloo or Kitchener University." So list as a nonID, the following:
ON Kitchener CKWR \*98.7 World Radio

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

A reader in eastern MD has picked up WNOR-FM's translator in Kitty Hawk NC. He's received it on 107.1, but it has a permit na ancey rawk No. rie s received it on 107.1, out it has a permit to go to 103.9. "I am surprised that in nearby Kitty Hawk, literally a hop and skip from downtown Norfolk, they would need a translator for that area. WNOR-FM [Norfolk] comes in like a 'brick' up here in this area, almost 200 miles away."

Another translator, W261AX \*100.1 Forty Fort PA, now on

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

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

Instead of a wheel of the commonweal? WHO WOULD GRANT US RIGHT OR OPPORTUNITY? vital information only by proffering what THEY determine to be appropriate payment — "metered information" — to control thy "fount" O nourishing waters; to control thy shape & thy flow that no man shall know

except as "they" determine he shall No "freedom of speech" except there be auditors of that speech —not significantly possible in the "electronic age" without freedom of access to - both talk on and listen to -

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

Three neonle sent the picques story on WRPT AM using the

Sundays on 9715 kHz and 10 p. m. Friday on 6185 kHz.

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

5.4, WUSJ AM and FM, each 3.1.

Updates from CA from John Jefferson: KYA 93.3 San Francisco, due to loss of old tower, on an inferior site at Mr. San Beuno, resulting in higher ERP and possible "better skip target." K237CA Salinas on 95.3 and KATD 95.3 Los Gatos singer. K23/CA Salmas on 95.3 and KATD 95.3 Los Gatos tangling over interference, but it appears KATD has lost and is resigned to coeristing. KNTO 95.9 Livingston operating at low power; possibly resolved by now. KQYZ 104.9 Lemoore and its AM affiliate defunct. The farmer who owned the transmitter site evicted the station for nonpayment of rent, and both studio (a trailer) and tower are gone. "It doesn't sound like KQYZ will be back for some while; when it does reappear, likely the sweets will try to locate as close to Hanford Tulare-Visalia, or when Exercise the second as needed. Swheri will try to locate as close to manton-luinze-visatia, or serhaps Frenno, as possible. Lemoore seems not to be a viable radio town on its own." Due on air in Oct. was KPRX 89.1 Bakerrifield, possibly a station that will duplicate KVPR 89.3 Fresno. And John confirms, via skip, that KBLL 99.5 Helena is

Fremo. And John contaming an that frequency.

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

Pete Nolan, "W. Co.

in price, despite inflation.

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

November, 1986 The study, conducted in rural eastern North Carolina, found The study, conducted in must eastern North Carolina, from only 1.3% of those questioned listened to AM stations more than 100 miles away, with FM stations—even Class C FMs more than 100 miles distant—overwhelmingly preferred." There could be more FM DXing going on out there than we realize!

More on the ECPA: From Marc Maurer, new president of the

National Federation of the Blind, who writes: "I am in sympathy with the things you say regarding the need to insure freedom of communications. I trust the restrictions you described will not be made law. If they are, I see no way of

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

sound better than their FM orethren. . If Mr. Elving's highly touted crystal ball doesn't get a clear signal on AM's future, not to worry, sir—it's probably just a little FM multipath!

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

from AM broadcast towers."

#### Contributors

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

Also: Doug Dombos, Grand Rapids MI; Joan Reeds Drezhlo, Troy NY; Albert H. Ellis, Brantford ON; Howard L. Enstrom, Boca Raton FL; Eric Fader, New York NY; Joseph Fela, South Plainfield NJ; Mike Gallaway, Detroit MI; Glenn Hauser, Fort underdale FL; William R. Hepburn, now living in Thunder Bay

Paintiet NJ; inter Galaway, better in; clemin raws, retr Lauderdale FL; William R. Hepburn, now living in Thunder Bay ON; John M. Jefferson, Pleasanton CA; Richard Josephson, St. Cloud State University, St. Cloud MN (who did a mail survey of MN FM stations on their use of CA-data which is shared above

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

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