From The STAFF

WILL WE SEE F2 SKIP ON TV?...F2 skip conditions could soon result in some outstanding TV DX. In fact, some experts feel that opportunities for F2 TV DX may actually be greater in the next few months than they were in the legendary late 1950's, when a number of transcontinental? channel 2 F2 loggings were made by TV DX enthusiasts. Things are different these days, with many more full power stations on the mair-but F2 skip can be stronger than E-skip. As sunspot activity continues to climb (it has, in fact, exceeded almost everyone's expectations lately) the maximum usable frequency (MUF) of F2 skipf also increases. An F2 MUF of around 60 MHz is needed to produce F2 TV DX in North America. This rare "long skip" form of TV DX has been known to reach about 65 MHz, but never much higher. A number of North American DXers have equipped themselves for European and Soviet Bloc 625-line video down in the 48-49 MHz range--they can expect to start (detecting signals there almost any day now, considering current conditions. The peak of the current sunspot cycle is nearly here. Prepare yourself--F2 skip is quite unlike anything you've seen before!

SEPTEMBER DX CONTINUES STRONG...As this month's cover shows, sunspot activity has been true to its recent amazing form. A fairly extensive activity has been true to its recent amazing form. A fairly extensive auroral event--together with the most impressive visual display ("Northern Lights") since the major March flares--has just taken place as this issue is being prepared. No doubt some auroral DX news will be in next month's issue; there have even been reports (as yet unconfirmed) of Alaskan auroral amateur radio signals on 50 MHz reaching into the U.S. Midwest! Meanwhile, Hurricane Hugo, on its approach to North America, has been displacing tropical air into the Northeastern U.S. and Canada ahead of its destructive fury, resulting in some exceptional mid-September tropo ducting on UHF and VHF.

COLUMN NEWS...Bill Fahber sends word that the usual reference material for his TELEVISION NEWS section was not available due to staff vacations at the research library, so look for this column to return next month...Likewise, due to time constraints caused by his return to college, Matt Sittel tells us that NMS NEWS will have to wait for next month's issue...This month's NORTHERN FM column contains several pages that we had to hold over from last month; they did not meet layout standards and had to be retyped...We're still looking for a volunteer to edit EASTERN TV DX. Contact the Editor-in-Chief, YHF-UHF DIGEST, WTFDA, Box 514, Buffalo NY 14205-0514...A volunteer has been found for the proposed club survey. Many thanks to Nebraska NTFDAer Daniel Bartek, Jr. for offering his services. The survey form will appear in a future issue, and an article to follow will summarize the results.

TABLE OF CONTENTS

WESTERN TV DX: A Time Addust to a some comments on good tuners...28
NORTHERN FM DX: More July DX, plus some comments on good tuners...28
NORTHERN FM DX: A new look for the column; much more July skip....32
YET ANOTHER WAY OF TAPING THAT FM/PSB/MWS DX!!: Use your hi-fi VCR!.54
DX PUZZLE PAGE: And it's cheat-proof (no answers 'til next month!)..55



CLAY, NY 13041 DEADLINE: THE 5TH

	į	PAGE LOCATION				22000			-1-15		
DXER NAME	11	DXER LOCATION	TOTAL	88-92	ES	MS AL	USA	CN	MX FO	TPU YE	AS OF:
DYER	LNDY	TX SAN ANTONIO	2219	364	1811	49 0		3 2	21 5 5 3	74 70	
BUNTIN	PANNY	OK STILLWATER	1781	283	1069	03 286		5	9 2 0	61 61	
STROBEL	JALPH	IN MUNCIE	1702	472	492 1	21 6		7	2 0	53 72	09/03/89
ELVING EBELING	FOHN	MN DULUTH MN BLOOMINGTON	1627	270 265	1305 913	8 8		3	5 0	49 48 58 52	
FELA	TOSEPH	NJ S. PLAINFIELD	1463	306	778	2 9	37+	5	0 3	47 68	08/18/89
NORDQUIST BUGAJ	TRED	NY CLAY CT ENFIELD	1459	283 198	712	40 58 15 23		5	0 2	49 69	09/08/89
PUGH	FEITH	AL NEW HOPE	1321	213	682	29 3	43+	7	9 2	62 83	08/04/89
PIZZI DALTON	FIKE	NM LOVINGTON FL CLEARWATER	1313	185	692	27 0	38	5 2	20 3 12 12	66 81 70 72	03/04/85
NIEMAN	PAVID	NY AKRON	1277	340	382	46 23	43+	8	0 3	55 59	12/31/88
MCCORMACK	FOB	NY DUNKIRK ND DES LACS	1114	175	543 803	0 0		6	3 0	50 50 55 65	
MCCORMACK	RED	ND FARGO	1099	199	759	3 52	47+	6	3 0	57 74	04/09/88
SAWATZKY MCVEY	FETER	ON KITCHENER TN BOLIVAR	1088	167	500 1 392	12 6		5 1	0 1	47 71 59 77	07/01/83
JEFFERSON	- FOHN	CA ANTIOCH	1058	229	620 1	50 0	29	4	5 0	38 57	07/26/89
EBELING LEBLANC	FOHN	MN PROSIT LA MARRERO	988	179 129	650 452	3 5		8		58 75 54 71	01/01/89
HOLBROOK	EANK	MD CHEVY CHASE .	839	214	223	18 0	35+	6	0 3	45 59	05/12/87
WINSOR CHERNOS	FOGER	IN HOBART ON BURNT RIVER	807 768	160	211	48 70		1	0 3	36 60	03/30/80
CONIGLIO	REG	NY WILLIAMSVILLE	761	136	368	5 5		8	0 2	45 77	04/16/83
MICHALEK HOWINGTON	MARLON	MA SPRINGFIELD FL ST PETERSBURG	747 730	100	452	0 0	36+	5	0 0	42 52	04/03/89
EATON	ERNON	AR BENTON	724	148	173	1 3	42+	5	8 0	55 77	11/22/88 08/30/81
LYONS SMOLAREK	J. E.	FL BELLEAIRE BLUFFS NJ OLDWICK	704 695	200	420	2 0	MEN	0	0 0	0 75	08/01/78
NOLLMAN	ILILL	CT NORWICH	686 658	126	246			3	0 0	41 78	04/01/88
BRUMFIELD OETTING	WAVE	IN MUNCIE PA BROOMALL	658 657	141	43 226	1 0	28	1	0 0	29 78	11/30/81
STEINBERGER	-ICHARD	MA HUDSON	640	151		6 3	32+	6	0 0	39 77 40 58	11/11/84 09/22/84
KADET SMITH	IEFF IOSEPH	IL MCCOMB NY JOHNSON CITY	609	114	55	4 0	32+	3	0 0	36 83	09/28/83
ROSS	CADDEDT	ON LONDON	605 578	160	165	0 0			0 1	38 71	04/20/84
KRETSCHMER	GILL	NY N.SYRACUSE TN KINGSPORT	564	97	128	1 1	35+	3	0 1	40 74	09/07/89
SIMON	- EN	FL LAKE WORTH	552 545	75 148	382	0 0	31	2	3 2 4 8	40 85 49 66	12/31/87 07/05/85
EVERITT	FOUG ANVID	OK ENID AR LITTLE ROCK	512	80	299	16 0	32+		6 0	43 74	03/17/79
WOOD	Edichard	MO CAPE GIRARDEAU	496 491	61 84	170	3 0	41+	4	5 1	52 80 49 79	05/14/87 07/10/81
AYERS SOWINSKI	FIDB	TN MURFREESBORO OH ST. CLAIRSVILLE	448	84 73	18	1 0	27	1	1 0	29 81	02/12/82
DURKIN	JAT	WI WEST ALLIS	437 428	58 89	70 81	0 0	27+		0 1	31 77	11/25/78 08/29/84
MEADE YINGLING	JARRY F-HOMAS	IL CHICAGO MD BALTIMORE .	415 360	80	63	3 0	21	1	0 0	22 79	08/24/88
FLEISCHAKER	M ED	KY LOUISVILLE	349	54 46	144 57	0 0	33+		0 1	39 71	12/26/86 08/06/77
DURKIN	J IKE	MN WOODBURY IL BURNHAM	329	51	97		31		1 0	33 81	08/29/84
TRASKA	HAUL	NY BUFFALO	326 293	113	40 86	2 0 0 0 0 0	26	3	0 0	27 76 36 76	05/01/87
NIENAJADLY SCHWEITZER	B DB	NJ CLIFTON NJ E. BRUNSWICK	266	60	68	2 0	25+	1	0 0	27 75	07/11/89
FADER	FAIC	NY BAYSIDE	266 257	78 53	15	0 0	11+	0	0 0	12 77	04/01/88
HEPBURN	PAUL	ON HISSISSAUGA NJ TEANECK	237	85	54	1 0	24+	1	0 1	27 79	02/12/89
MANCUSO	TUS	MD CHEVERLY	226	29	38	0 0	24+		0 0	23 79	05/15/86
PURDUE	J PANK	MN BYRON	188	3	95	0 0	20+	0	3 0	24 81	06/30/84
ALLEN	ROUGLAS	PA ERIE CO WOODLAND PARK	150	23	27	9 0	23		0 0	9 64 23 88	03/13/89
BUENEMAN SCHWEITZER	HRIC R)B	MO HAZLEWOOD	146	19	60	0 0	25	4	6 0	35 81	08/07/86
HEPBURN	SELLIAM	NJ OLD BRIDGE ON NIAGARA FALLS	146	41 51	35	0 0	18+		0 0	10 82 20 79	04/01/88
HEPBURN SORENSEN	ADRRIS	ON CORNWALL	138	24	19	0 0	17	2	0 0	19 82	03/23/+86
SORENSEN	C-)RRIS	ON MILTON ON PORT CARLING	136	27	24	0 0	16		0 0	17 83	08/29/89
STRICKERT	V IRK	IL CHICAGO	129	25	6	0 0	5	5	1 0	6 79	04/29/89
GRANT	BIBERT	NY ROCHESTER MI DETRIOT	126	25 20	21	0 0	12		0 0	5 76	08/10/89
VAN HORN HEPBURN	BARRY	FL ORANGE PARK	98	15	0	0 0	4	0	0 0	13 71	07/01/87 09/22/85
	ILLIAM	ON THUNDER BAY NT CORAL HARBOUR	87 58	16	57	0 0	5		0 0	5 86	11/25/+86
		The second secon	Street Control	10000		- 0	500	-	9	13 04	02/12/09

COLUMN DEFIN TIONS: are as follows: Total = Total number of FN stations logged from DNer's location (Al) loggings should be received within 25 mile radius of this location to count.)

Freq. changes count as a station, call letter changes DD NOT count. Also count a station only once red from 88.0 to! 11.99 Mhz. Es = Total number of stations logged is E-skip. MS = Total by meteor scatter. Aud. Total via Aurors. USA = Total number of states and the ** = Washington, DC. CN = Number > Canadian provinces logged. MX = Number of Mexican states logged. FD = Number Of USA CN MX and FD. YB = The year you began DXing from this location. Other groundrules for computing lot totals are included in AUGUST 88 VUD Page 48. Mote: This is a complete listing entries received over the years, with a number of entries obviously outdated.

I will resto' a cutoff date of entries not updated in 1988/1989 in the next listing, so please update/submit your latest state to keep on the Scoreboard. 73 - Fred.

RSL COPNER

Thomas J. Yingling, Jr., KASTCC 221 Pinewood Road Baltimore, MD 21222-2345 Phone # 301-282-5649

This month gal reporters are Robert Ross of London, Ont. & Bruce Elving of Esko, MN. Also some tv id logos to fill in the gaps. The 1989 Syracuse Convention was fun, and is why I missed another month; oh well on to the column.

AR KPHN 94.5 Barling, Box 595, zip 72923. Send back my prepared card back (PFC) - (I will use PFC to save from repeating the whole thing again) back in 2 weeks from an unreadable name. This was my 29th state qsl'ed on FM. (Ross)

TX KTSR 92.1 Bryan, Box 3248, zip 77805. Send back business card qsl back in 2 weesk from William R. Hicks, General Manager. (Ross)

TX KOHM 89.1 Lubbook, Box 64501, zip 79464. PFC & business card in 3 weeks from Bob Schneider, CE. (Ross)

IN WNSN 101.1 South Bend, 300 W. Jefferson Blvd., zip 46801. PFC & letter in 2 weeks from Robert W. Bell, CE. (Ross)

TX KSAU 90.1 Nacogidoches, Steven F. Austin State University, Box 13048 SFA Stn., zip 75962-3048. Send back my PFC in 2 weeks signed by A. B. Parker, CE. (Ross) OH WHKO 99.1 Dayton, 1414 Wilmington Ave., zip 45420. Send back my PFC in 3 weeks signed by Ronald ???, CE (name unreadable) (Ross)

GA WSGY 100.3 Tifton, Box 1466, zip 31783. PFC & business card signed & back in mail in 2 weeks from Jeff Flynt, CE. (Ross)

NJ WBGO 88.3 Newark, 54 Park Place, zip 07102. PFC & business card in 1 year from Don Neumueller, CE. This is my 30th state qsl'ed on FM. (Ross)

WBKN 92.1 Brookhaven, 203 E. Monticello St., Box 711, zip 39601. PFC &

WROC-TV ROCHESTER

Get Ready for CBS on TV 8!

name. (Ross)

sticker in 3 weeks from Gene Dow in 3 WPCF 100.1 Panama City, Box 4398, zip 32401. PFC & letter from William Underwood, no title; in 2 weeks. (Ross) FL WWLV 94.5 Dayton Beach, % 2800 Lake Lucien Dr., Suite 95, Maitland, FL 32751. PFC & letter in 2 weeks from James A. Underwood, Pres. (Ross)

FL WHTQ 96.5 Orlando, # One Radio WHOO Road, zip 32808. PFC & QSL Sheet in 2 weeks from H. T. Canaday, CE. (Ross) FL WSHE 103.5 Ft. Lauderdale, 3000 S.W. 80th Ave., zip 33314. PFC, letter & a nice T-shirt back in 2 weeks from Rudy Vasquez,

CE. (Ross)

WSAV-TV ch. 3 Savannah, Box 2429, zip 31402. PFC & letter from William C. Reeve, WB4EWV, Staff Eng. in 1 month. New state qsl'ed on tv, # 28. (nice, ed.). (Ross) FL WMIE 91.5 Cocoa, 1150 W. King St, zip 32922. PFC back in 3 weeks from Ray Ranniz, (Ross)

FL WHVE 102.5 St. Pete's, 11300 4th St. North, Suite 318, zip 33716. Letter back in 3 weeks from Ron Wooldriver. (Ross) MI WUPS 98.5 Houghton Lake, 3431 W. Houghton Lake Dr., zip 48629. PFC in 3 weeks from Douglas T. Lowell. (Ross)

MI WLAV 96.9 Grand Rapids, 50 Louis N. W., zip 49503. PFC & letter from Daniel A. Grant, CE in 5 weeks. (Ross)

FL WLYF 101.5 Miami, 20450 N.W. 2nd Ave., zip 33169. PFC in 2 weeks from an unreadable name. (Ross)

FL WINK 96.9 Ft. Myers, Box 331, zip 33902. PFC in 2 weeks from another unreadable name. (Ross) (I do use items with an unreadable name just for the inroamtion for your qsl. You may get a name we can use.)

FL WKIS 99.9 Miami, % 9881 Sheridan St. , zip 33024. PFC in 2 weeks from George Corso, CE. (Ross)

PA WRKU 95.1 Grove City, % 4531 Belmont Ave., Suite C, Youngstown, OH 44505. PFC in 2 weeks from John A. Clarke, no title.

WEZY 94.1 Lakeland, Box 827, zip 33802. PFC in 2 weeks with unreadable

FL WNLT 95.7 Clearwater, 51 S. Main Ave., Suite 957, zip 34625-3983. PFC & post card back in 2 weeks from unreadable

name. (Ross)

CBLN-TV ch. 20 Warton, % Box 500 Term. A. Toronto, Ontario no zip given. Nice CBC blue gsl card back in 1 month from Michael McCann. (Ross)

MI WBLV 90.3 Twin Lake, % Waters Bldg. Suite 2008, Grand Rapids, zip 49503. PFC & letter from Buck Mathews, General Manager in 6 weeks. (Ross)

ON CIXK 108.5 Owen Sound, 270 Ninth St. E., zip N4K 5P5. PFC & letter back in 3 months from Robert Coyne, CE. (Ross)

WRBQ 104.7 Tampa, 5510 Gray St., zip 33609. PFC & letter back in 2 weeks from Ralph Beaver (?). (Ross)

OH WZIP 88.1 Akron, University of Akron, zip 44325-1004. PFC back in 3 weeks from T. Beck, no title. (Ross)

WPRK 91.5 Winter Park, Rollins College, Campus Box 2745, zip 32789-4497. PRC & letter in 2 weeks from Giord Fraber (?). (Ross)

FL WCTQ 92.1 Venice, 282 N. Auburn Rd., zip 34222. PFC & letter in 1 month from Jeff Southall, CE. (Ross)

FL WCVU 94.5 Naples, 333 8th St. S., zip 33940. PFC in 1 month from Bob Carothers. (Ross)

MI WKLQ 94.5 Holland, % 60 Monroe Center N.W., Grand Rapids, zip 49503. PFC in 5 weeks from Ronald J ??????, CE (unreadable last name). (Ross)

GA WRAF 90.9 Toccoa Falls, No address given, just zip 30598. Letter from Bob Biermann, Dir. of Eng. who says they normally are 100 kw, but there were only 15,000 the day of my report, "due to lighting damage" (Elving)

IL WJCH 91.9 Joliet, 13 Fairlane Dr. zip 80435. Letter from John Rorvik, no title, mentions transmitter located in Minooka, IL, and also that station was reported being heard in Clinton, Ontario (Jeff Falconer ? ed.) (Elving)

IL WCIC 91.5 Pekin, 3283 Court St, zip 61554. Letter from Dave Brooks who says "My fascianation for radio has its roots in long distance reception, and it's still a thrill to hear of such conquests as you reported" He also mentions they have a null at 250 degrees to protect WIUM 91.3 Mecomb and I "win the dx prize", but his father hears it sometimes in St. Louis, MO with a Carver tuner & two paralleled yagi

antennas on from Sam till 12 midnight. Send blank tape so I could dup onto it my reception, and wants more information on my antenna. Maybe a WIFDA prospect. (Elving)

LA KYKZ 96.1 Lake Charles, P. O. Box 999, zip 70802. Bumper sticker, balloons, hurricane tracking charts, coverage-map & letter from entire staff: Dale Mann, Ken Miller, Eric Nielson, Jimmy Lane, Shelly James, Lynette Johnson & Kevin Davis. Letter says "though we have heard from many people in Florida & other southern region, your letter confirms a new record for our station. KSNS are older call letters that our station used under a different ownership, so obviously you have received us more then once." (Elving)

MA WTCC 90.7 Springfield, Armory Square, zip 01105. Letter from Fred Krampits, CE sent program guide, bumper sticker. He says "I'm the most distant person to report hearing his 4,000 watt station, on 24 hours a day & carrying a reading service for the blind on sca 67khz. (Elving) (station has part of my hem call KASTOC ed.)

NC WFMX 105.7 Statesville, 1117 Radio Rd., zip 28677. Letter from Jim McJunkin. CE says "I have heard of AM stations being picked up over great distance; however, never FM stations... You letter certainly came as a surprized. " (Elving)

SD KQSD 91.9 Lowry % SDPR, 414 E. Clark St., Vermillion, SD zip 57069-2390. Letter from Greg Schnirring, Radio Manager sends bumper sticker, program guides& letter: "To my knowledge, your reception is the furthest we have heard from to date."

SD KMIT 105.9 Mitchell, P. O. Box 520, zip 57101. Letter from certainlyis an oddity that our signal would travel so far. (Elving)

TX KIOL 100.3 Lamesa, % 117 W. Wall, Suite 317, Midland, TX zip 79701. Brief letter from William H. Bundy, Vice Pres. says hoping that I hear then more often.

Any questions? Call the TV-10/NBC Hotline 232-TV10



at 0701 EDILING

at 0708 EDTIME

lews · Movies · Music

Arhansas

PHOTO

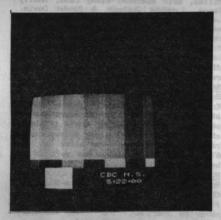
OCTOBER

Mailing Address: PHOTO-NEWS - P. O. Box 155 - Clarence, NY 14031-0155 U.S.A.

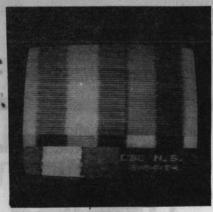
Photos submitted to PHOTO-NEWS become the property of this column and will not be returned. FOITED BY

David J. Nieman

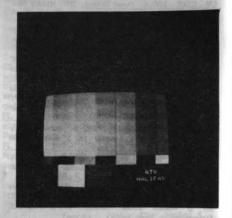
Roy Barstow - Teaticket, Masssachusetts foto file continues from Septembers VUD See that issue VUD page 5 for a run-down of Roy's DX equipment.



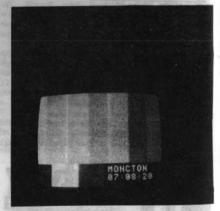
CBHT-3 Halifax, Nova Scotia 408 mile tropo seen May 20, 1989 at 0522 EDTime



CBHT6-8 Middletown, NS 377 mile tropo seen May 20, 1989 at 0701 EDTime **ERP 17.2kw**



CJCH6-6 Caledonia, Nova Scotia 336 mile tropo seen May 20, 1989 at 0700 EDTime ERP 100kw



CBAFT5-31 Charlottetown, PEI 481 mile tropo seen May 20, 1989 at 0708 EDTime ERP 100kw

PHOTO

OCTOBER 1989 page 2

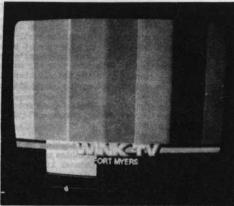
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Rny Barstow fotos continued....



CBHFT5-46 Middletown, NS 377 mile tropo seen May 20, 1989 at 0736 EDTime ERP 120kw

Mike Hollis - Mary Esther, Florida foto file continues from Sept. VUD page 3.



WINK-11 Fort Myers, Florida 400 mile tropo seen April 27, 1989 at 0405 CSTime



WTVX-34 Ft Pierce/W. Palm Beach Florida 430 mile tropo seen April 27, 1989 at 0435 CSTime

WTVJ-4 Miami/Ft Lauderdale FL 510 mile tropo seen April 27, 1989 at 0408 CSTime

Thanks to Roy and Mike for their photo contributions.

Till next time.... DAVE 7



From the big columns to the little. There is really not too much to report this time around. I have noted that the Prime Time 2h carriage of WBEM on Satcom 2 XFDR 2 is an off air set up. Thus when there is tropo or Skip it can be easily seen on the channel 2 outlet from Chicago. Their pick-up must be some distance from the WBEM transmitter as the CRM can be quite severe at times. It is also interesting to note that skip may not be apparent here when it is being noted from the Chicago channel. Very simply the Up-Link is also uplinking the skip along with the signal.

NCTV a service for college students is noted on Satcom & XPDR 16. There have been reports that a Science Fiction Channel may soon be launched in 1990.

The Canadian news channel is operating usually in the clear in Anik 4 IFTR 23. Sometimes it is scrambles using the usual Anik Oak-Orion system. A Canadian Sports Channel if French will be on Anik C-1

The Discovery Channel will scramble using VCII by June 20, 1990; but, an administrator of the channel stated they didn't know which scrambling system they will use as yet.

ASC 2 - a C and K hybrid satellite will be launched in early 1991.

Galaxy 6 and SBS 6 will be launched in June 1990 from Arianspace. G-Star 4 is also planned for 1990.

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Here is what's planned in the way of launchings in the future.
Alascom Aurora 2 - 139W - 2h C band channels - May 1991
                  -97W - 24 C-band/24 K-band - December 1992
Telstar 401
Telstar h02
                  -89W - 2h C-band/2h K-band - December 1993
Contelsat I
                  -101W - 2h C-band/16-K-band - May 1993
                 - 129W- 24 C-band/16/K-band - September 1993
Contalsat II
Satcom C-1
                 - 137W -2h C-band
                                            - June 1991
Satcom C-3
                 - 131W -2h C-band
                                             - November 1992
Satcom C-L
                  - 135 or 127W - 24 C-band - September 1992
Satcom H-1
                  - 79 W -2h C-bend/16 K-band - August 1993
Satcom C-2
                  - 72W - 2h C-band
                                             - June 199h
                  - 93 (135)W - 24 C-band/18 K-band - Merch 1993
Spotnet I
Spotnet 2
                 - 76(127)W - 24 C-band/18 K-band - September 1993
SBS 6
                  - 72 W - 19 K-band only - June 1990
                  - 103W - 2h C-band/22 K-band - May 1993
Spacenet 1R
Spacenet 28
                  - 69(93)W - 2h C-band/22 K-band - September 1993
                                                 - June 199h
G-Star IR
                  - 121W - 2h K-band only
G-Star L
                  - 6hW - 2h K-band only
                                                 - February 1990
Galaxy 6
                  - 91W - 2h C-band
                                             - June 1990
Galaxy 5
                  - 125W - 2h C-band
                                             - 1991
                  - 133W - 24 C-band
Galaxy IR
                                             - 1993
                        - 24 C-band
                                             - 1992
Galaxy 7
                  - 91W
                         - 2h C-band/2h K-band - 1993
Galaxy 4
                  - 99W
```

- 24 C-band

- 95W



- 1994



Lots of odds ar! ands this column. Noticed a question concerning EGO from Tom Bryant. EGC is an all news type of operation that apparently originates from Televisa in Mexico - XEW - Ch. 2. It is becomming a mainstay of the Galavision USA satellite feed; is relayed on Westar 5 XPDR 6; also via PanamSat to Europe and Latin America. They also have some entertainment performances in the studio.

I would love to know who was running a European Test-Pattern on Morelos XFMR 12 in SECAM color with an ID noted of TVP/???. I thought Portugal, but it can't be them since they are PAL - not SECAM. France and Communist Bloc nations are SECAM generally.

Family Channel - WEST will be on Satcom I - XPDR I VCII effective September 30 at 5AM PDT. Are currently testing.

SCOLA is testing what may be a 2h hour service on Spacenet 2 XPDR 19 - so far in the clear. 2h hour service will depend on the number of subscribers. It carries newscasts from all over the world in our system with some English translation. Some of their programs are fed live from the source via satellite.

All Intelsat birds are now of the "V" series. The IV series have all been replaced as of now. The "V" series will be replaced over the years by the even stronger "VI" series.

HTS (Home Team Sports) will move to Spacenet III - XFDR 12 Oct.2 leaving Satcom IV XFDR 22. It will simulcast until late October.

FMN - Financial News Network will fully scramble January 1, 1990.

In the next 2 years look for an incredible number of shifting between satellites as the 3 major cable birds are aging rapidly. (Satcom 3 and 4 and Galaxy I).

Telemundo Spanish Language Network will move to Spacenet II from Westar IV. Univision networks also will move to Spacenet II.

Here is the latest Ariane Launch Schedule: August 89 - TV Sat 2 & Hipparcos October 89 - Intelsat VI F2 November 89 .- Spot 2 and another unknown? December 69 - SuperBird BEBS-2X February 90 - TDF 2 & DFS 2 April 90 - Eutelsat 11A#Mop 2(or Skynet #C May 90 - Skynet LC (or MOp 2) & G-Star IV June 90 - SBS-6 & Galaxy VI July 90 - Intelsat VI F5 September 90 - Eutelsat IIB & Italsat I October 90 - ERS I November 90 - Satcom K-3 & Immarsat 2 F3 December 90 - Anik E-1 US Launch Schedule September 89 - JCSAT II & Skynet November 89 - Intelsat VI FII

- Consort 2 - Microgravity Research December 89 - LOSAT - US Government

December 09 - LOSAT - US Governme January 90 - Intelsat VI - FIII February 90 - INMARSAT-2 FI ??? - Pelapa-82-R March 90 - gutelsat II FII

May 90 - CRRES - US Government June 90 - Inmarsat II - Fit-2

July 90 - Jouat I (Microgravity Research)

November 90 - NATO IVA

December 1990 - Consort 3 (Microgravity Research)

That's all for now - See you in 30. '73's



Galaxy 3R

Bruce F. Elving, Ph.D., Editor
241 Anderson Road
Eako MN 55733-9413, U. S. A.

Contributions earnestly solicited! Pay special attention to whether or not the stations you report hearing have \$\ \text{tereo} \]!

Readers' Reports-A VUD Exclusive!

"I am a new member in the WTFDA. I thought you would be interested in the enclosed article that was in a recent issue of the Fort Walton Beach newspaper," writes Debra Cliver. The article reports that WNUE AM 1400 signs off the air, dying "because of the growing popularity of FM and the FM stereo sound. That they could no longer continue to lose money. I noticed in your column that you often mention other stations closing down because of FM, so thought you would be interested in it."

Bill Nienajadly, doctor to "lame" FM stations, sends an item on the top jocks nationally-those giving an infusion of Geratol to their employers' stations: Ross Brittain and Brian Wilson, Newark's "Z-100," Jim Kerr, NY's WPLJ. Harry Harrison NY's WCBS-FM, John Gambling, WOR AM, Carol Ford and Mike Love, WRKS FM; Batt Johnson WLTW, Howard Stern WXRK: Rick Dees KIIS-FM Los Angeles Jay Thomas KPWR; Bob Collins WGN Chicago. WPAT-AM-FM Paterson NJ continues or continue to hold down top spot in the NY ratings, with Z-100 at No. 2. Bill reports a shake-up at WBYO 107.5 Boyertown PA with a rumored format change from g to k[ountry]. "Great to talk to you on the phone! Again, sorry I couldn't make it to the convention. I really wish I could help you on your QSL to WBGO, but I don't know anyone there." He'd like to get a Pioneer Super Tuner 2 with analog tuning (car radio) from the mid-'70s. "A friend of mine had one a while back and I remember it used to be good with adjacents." Anyone finding one can write him at 98 Highland Ave., Clifton NJ 07011.

Gus Mancuso cannot believe WFRE Frederick MD would have a translator only 8 km away. "Winter depression was because of bad DXing? Of course it is because of less daylight in fall/winter. Not too good a joke, I guess. I have a theory on why skip is usually the same distance (1600-2000 km). Ionized particles are in very thin layer. If FM signal comes in at angle too close to vertical, most of it passes through. But if it comes into layer at shallower angle, it must pass through more particles, thus increasing chance of reflection. On other hand, if particle congregation is too far from transmitter, the signal will never reach the ionized area due to curvature of earth. How about that 7/4 skip? Did you get in Midwest? I sent away for personalized plates saying 'I DX FM'. By time anyone reads this I should have done 'Superscan II' from Ohio. Goal 140 FM stations. Why some Class As at 91 meters and some at 100 meters? Also, has 'anti-duplication' rule been rescinded?" [Yes, AM-FM simulcasting now legal in all markets up to 100% of the time; and the former rule was 91 meters for Class A stations with maximum 3000 watts. When the FCC went metric they evened it out at 100 meters.

Gus also sent an item on a group wanting to start a cable radio service in the DC; to offer music more "progressive" than what WHFS 99.1 plays, and possibly resembling that on WMUC, the 10-watter at the U. of MD. Group is known as the Washington Council for Progressive Radio (WCPR), to be listener supported, like NPR. Gus proposes changing the rules for when you can count a station when you move, but he thinks in terms of miles. If the rules are changed, I would suggest an even number of kilometers. He also feels a list of stations that don't respond to letters (especially with an SASE) should be printed in FMedia! I'd say Tom Yingling's column would be more appropriate for that.

Finally, Gus sent word from the spring ratings to indicate that AM's decline may be falling off. "Why do I see stations over 50 kw in Zone One, some as high as 190 kw?" [Those are grandfathered in; and were in existence at those powers before the zonal limitations went into effect.] "Anyone in club a subscriber to 'Radiophiles'? I have not received an issue in months, am thinking of writing to postal inspectors." [Radiophiles must be dead; I likewise have not seen it in months—b.e.] Gus also sent this cartoon, which fits my 22-pica-wide



"Due to the boring nature of tonight's programming, we strongly urge you to listen to your radio."

column (before reduction) very nicely.

"I have compiled the remote broadcast frequencies in use during the 1989 Little League World Series (50th anniversary of Little League baseball)," says William O. Dickerman, PO Box 1012, Williamsport PA 17703-1012. Anyone who wants them can send him an SASE.

Ralph Strobel sent a newspaper article on how the Bob And Tom Show is coming under fire from the FCC for indecency. If you want to go back through this column from several years ago you will read about them and their antics on WFBQ 94.7 Indianapolis. Finally, after years of effort, attorney John R. Price, president of Decency in Broadcasting, Inc., is seeing some action from his near-constant pressure on the FCC to have something done about the errant duo. Advertiser boycotts have not done it, but a new FCC appears to be interested in bringing some action that previous FCCs have not. I hope the FCC is sincerely interested in going after the offenders, even if it means "censorship." If broadcasters and advertisers cannot police their own media, then somebody has to step in and do it for them. DXers, check on any local (especially morning) talk shows on FM and send in quotations from them, naming the show, the station, time and date of broadcast. It is best to tape the broadcast to get an accurate transcript. I'd like to mention here as many of the "shock jocks" as possible, and perhaps submit them and their shows to the FCC, or urge you, dear DXers to do so-especially if they are at stations which do not QSL! "If anyone likes to make an issue over this kind of material, they should visit Lexington KY and listen to *88.1 WRFL. This is the student-run UK station. I don't know what they play during the day, but at night they play anything. Very filthy language in songs or comedy albums. Nothing is bleeped out! The Bob and Tom Show on WFBQ is mild compared to 250-watt WRFL! Playing certain recordings or using obscene language during the day is taking a big chance. WAIF *88.3 Cincinnati got into hot water 10 years ago, and cleaned up their act to some degree. The offensive programs do not exist any

In another letter, Ralph says "Everyone (including myself) needs to be especially careful in sending you information. For instance, in Aug. VUD p. 11 middle column under 'See Also July VUD For—IN Indianapolis WFBQ 94.7 95-\(\phi\) (from \(\phi\)-95) Falconer, p. 46. WFBQ has always been '\(\phi\)-95'. '95-\(\phi\) no way! Also IN Lafayette WAZY 96.5 apparently back to using '96\(\phi\)' as its nonID, Falconer, p. 46. Again, NO WAY! WAZY is '\(\phi\)-95'. 'DXers simply have to tape their loggings and then hope they hear it correctly. Some DJs talk too fast! ... Now I see Muncie may be getting a translator on *89.7 rebroadcasting WMBI-FM Chicago. Yuk! Marion College, Marion IN, must've given up trying to get a 3 kw station on 89.7. No 91.5 in Kokomo IN at IU—Kokomo. Did they give it up?"

Listeners of WBST *92.1 Muncie chipped in and helped the station get a new \$32,000 transmitter. Although its transmitter was only nine years old, the company had "gone bankrupt," and spare parts could not be gotten. The company of the old transmitter was not named. Ralph says WLAB *88.3 Fort Wayne claims 95 watts at sign on and off. "This can't be possible. Their signal is always in stereo, stronger than before." [Station is probably using an old cart, or old copy.]

Carl Dabelstein wrote and thanked me for supplying a door prize for the NRConvention recently held in Topeka. Also D. E. Levison, secretary, Brantford ON Amateur Radio Club, writes and thanks for the donation of an FM Atlas to their flea market.

John Jefferson heard, via skip, KCCY 97.9 Pueblo CO playing k, and he and I wonder if their c-p for 96.9 is valid any more. "It's been several years by now. Conversely, Randy Tomer has heard KBYU Provo on 89.1 already, and that change isn't more than a year old, is it?"

John Ebeling has another mystery—a KEEZ 99.1 Mankato MN translator somewhere in south Minnesota on 103.9. "I imagine you went to the WTFDA convention. Hope you had a good time. . . I somehow got the feeling after reading the August VUD that the Feedback column is an attack on you. Somehow this Les Remmer seems to believe a person can get rich (or make a substantial income) from a DXing hobby. Rather naive of him!"

Two companies in the Minneapolis area accused by the FBI of cable piracy. Between 12,000 and 18,000 "Illegal" satellite TV descramblers were seized, prompting John to write: "It appears the FBI does not have an awful lot to do in this area." I sent the following to the two firms.

ear ---

It has come to my attention that you may be facing a legal battle with the FBI for allegedly selling "illegal" cable TV descramblers.

Please allow me to offer expert testimony on your behalf. I would be willing to help your lawyers or yourself in coming up with a viable defense. I have assisted a similar firm in Nebraska, faced with acharge of piracy of FM/SCA background music in a manufacturing plant. I am engaged in the selling of FM/SCA decoders, and have successfully fought off three lawsuit threats—and that was 12 years ago, and my business is stronger than ever!

Although I am not an attorney, I think you would find my background in communications and my Ph.D. valuable assets in determining a viable defense stratagem. I look forward to hearing from you.

Sincerely,

Bruce F. Elving

Bill Burrows on the club-selling controversy: "You're augmenting the club. It's not commercialism as such."

Paul L. Gaines of Detroit didn't send much FM news this month, but he did send a fish story, with one Tom McBridelanding a mammoth salmon in northern "Lower" MI. Perhaps he was listening to one of the FM or SCA stations while fishing?

Nick Lombardi sent something about WVEE-FM 103.3 being tops in the ratings. That was even before

competitor WEKS existed with "s." Now WVEE-FM is alone in the format in Atlanta, with WYAI being k. "Noticeably absent from the top 10 was the recently re-formatted WQXI-FM (94-Q), which slumped from a 5.0 to a 3.2 for 12th place."

Matt Sittel: "I enjoyed meeting you at the convention.

. Hope all is well with you,"

Shaun Axelrod: "I just saw a copy of VUD and thought I would let you know how the Winnipeg FM scene is doing," with the items he sent appearing in the station news which follows.

Mike Bugai sent some items, one concerning a sale of WLVH 93.7 Hartford, with speculation it may change from Spanish. "The other is a commentary on the FM dial in the Hartford area. I ought to write to Mr. [Bob] King and tell him to get a decent tuner and an outdoor antenna. If he can't get WILI 98.3 or WESU *88.1 from where he lives then he either has crummy equipment or he listens from Maine. [Maybe he lives in a cave?-b.e.] One thing these items prove—the poor AMers just can't make it these days. . . WLVH is simulcast on 1380 AM in Naugatuck (Waterbury area), and before WLVH it simulcasted WKHT 1230 until WWYZ 92.5 went k and WKHT quit it to go business. [Now as WFNS 1230 Manchester CT, it simulcasts WLVH, The 1380 AMer also simulcasted that. I don't think it had any original programming for three or four years. Sorry I didn't get to the convertion but unfortunately my dad died the week before and I had to cancel at the last minute to spend the time at my mom's helping her out down in Middletown, Maybe next time under happier conditions." Mike, you have my sympathy during a most difficult time. I remember when my dad died, I was in Syracuse NY and had to go home to MN under difficult conditions—the last time I have flown in an airplane— 1969 -b.e.]

Alain Pepin, who was at the convention, sent a list of stations he recorded during his travels. The same list went to Greg Coniglio, who I also enjoyed meeting at the convention. He heard a mysterious Indian reserve station on 101.7, sounding like "CKHQ." but "this was in the middle of native language talk, so I didn't catch the name of the place in question. It was strong in Chateugay but is lost just a few kilometers on either side along US 11. Searched but not found: WVBH 103.9 Key Largo, WWFF 97.7 Marathon (I was there five days), WKRY 93.5 and WOZN 98.7 Key West." While in the Keys he even got E-skip from his native Quebec: CKOI 96.9 Verdun, as well as CFMK 96.3 Kingston.

Paul Wardell: "I've received the 12th edition of the FM Atlas and have already put it to good use. . Your August column said that KWIP 880 served much of Portland (OR). Maybe that should have been Salem. They could be received in Portland, but they just weren't close enough to Portland to serve Portland. During the daytime at my location with an unaided AM radio, they had a moderate signal with background noise—something the average listener might not put up with. With a loop hooked up I received a very gobd, noise-free stereo signal. That's all for now. Keep up your good efforts."

Keith Pugh noticed that WAWL *91.5 Signal Mountain has been mono. If it returns to stereo, or remains mono, let me knows othat I can change my listings accordingly. "In the July Southern FM DX report, p. 41, I have WRBN 101.7 GA Warner Robins listed. 1.1.ow recall that they changed calls some time ago. . I haven't looked back through my past VUDs for the change [to WPPR]. This should probably be pointed out in your next column under 'See Also'. . . Anyway, they haven't changed back to WRBN."

Tim Beard, St. Louis Park MN: "I have thoroughly enjoyed using 'FM Atlas' over the years for FM DX and I hope the next editions of 'FM Atlas' are just as good."

Frank Aden, Jr.: "Thanks for the sample copy of FMedia! Looks very good! I am planning to subscribe

soon, but we are right in the middle of making a bid on some property and I may be a little short on money for a while. . . The Idaho Immigrant Council application for 91.5 in Boise has been put on the back burner. They do not have the money right now to put a station on the air. I wrote them last year to update their listing in the IBG and never received an answer. . . It is really too bad the FCC rules do not require stations to give out information in the public file over the phone." Frank has been busy compiling information on the FM stations of Idaho and Hawaii for his guides, and some stations appear paranoid and not willing to give out much information over the telephone. For subscribing information write him at 5147 Morris Hill, Apt. 133. Boise ID 83706. KBXL 94.1 Caldwell ID has a new owner Lee Schafer, a "Christian," and the station's format is not expected to

Michigan's Ed McMullin writes:
"Thanks for your reply and information I requested in my letter...
Spent several hours recently with
Jim Hughes, a contributor to your
column in the 'good old days'. Jim
is a news announcer for WMMI AM
in Mount Pleasant MI, and still
shares an interest in FM and AM
DXing and probably does more of
it than I do at the present."

Mike Cherry, a broadcast consultant, has some advice for DXers about Canadian non-identifying practices. "I totally agree that the lack of a top-of-the-hour ID makes for a royal headache for DXers, and I have protested this to the CRTC on three occasions over the years. However, I thought DXers were patient, curious types, not demanders of instant IDs and verifications. If said reporter had spent even a few minutes listening to CISL 'See Isle" Richmond-Vancouver he/she couldn't help but notice over-liberal use of PAMS jingles IDing the station with Vancouver. Besides. whatever happened to the wellknown and well-worn DX trick of LISTENING to local commercials in order to discover a station's location? I learned that trick when I was eight years old! To said DXer, try listening! Really, Bruce, there are so MANY things about ignorant, instant-gratification-type DXers that disgust me! (Please quote me by name if you wish to)." Mike now has a rotatable yagi FM antenna up on a tower so that he can DX and separate the two nearby stations on 101.9 in Vancouver and Victoria.

RobertGrant: "We've heard about the demise of beautiful music. How about the demise of top 40? Top 40, of course, saw hard times in the "70s, with their music split into 'soft rock' and 'hard rock' after the 'British Invasion' and 'bubblegum' sounds faded out. Top 40 stations wound up with a mix of a/c and soul and many became disco stations in 1978-79, then turned completely to a different format (usually s, rm, n or k). Then, in 1982-83, the combination of MTV and some influence of 'new wave' and 'reggae' sounds brought a resurgence to top 40, now mainly FM, with a 'medium rock' sound that was neither a/c. UC nor AOR. . . Today, 'new wave' artists have turned their efforts to finding more offensive lyrics and the reggae sound has lost its novelty leaving 'top 40' stations to play random mixture of rm and s music, having no music they can call their own. On that note, it's onto the news

On that note, it's onto the news that made up much of the introductory pages of FMedia! last month.

New FM Station, Translator Grants
AZ Flagstaff 100.1 1000 h,v; 599 m, F. Bestg.
Partners | Western College

AZ Yuma *88.9 3000 h,v; 23 m, AZ/ AR Tymann 106,7 3000 h,v; 100 m, WRI Enterprises [OR translator! CA Burney K215B! *90.9 (KSOR 90.1 Ashland/ CA Lenwood (Barstow) 104.9 3000 h,v; 91 m, Eneidd Orchard [m, Claudia Bratton

CA Montecito (Santa Babara) 92.9 360 h.y;268/ CA Pleasanton KIOI-1 101.3 250-w on-channel booster of San Francisco station CA Randsburg (Johannesburg) *89.7 1900 h.y;

399 m, g, Grace Bostg. [Freedom)
CA San Jose K265CY 100.9 (KPIG 107.5/
DE Selbyville 97.9 3000 h, y; 100 m
FL Chattahoochee 105.3 3000 h, y; 100 m
GA Millen 94.9 2000 h, y; 122 m, Radio Millen

KY Vancleve (Jackson) 99.9 3000 h,v; 100 m, g, Mountain Holiness Assn. | ISimonos LA Buras-Triumph94.1 3000 h,v; 100 m, R. E./ LA Mamou 101.1 3000 h,v; 100 m, H. M. Mason ME Fairfield (Waterville) 93.3 3000 h,v; 100 m MA Athol 99.9 3000 h,v; 100 m, P&S Bosts

MN Staples 94,7 3000 h,v; 37 m, S. Bostg., Inc. MS Belzoni WYRD 107.1 3000 h,v; 91 m. FCC nad announced a filing window for that channel after "inadvertently canceling"

WV RD's grant
MS State College (apperently a separate community from "Mississippi State") 104.3 3000 h.y.; 100 m, M. R. Magee (Incorporated NV Mesquite 97.5 100000 h.y.; 90 m, A. G. P./ NV Wendover (opposite Wendover UT) 102.3 93800 h.y.; 394 m, Rita Taylor (MacNeil

93800 h.y.; 394 m, RitaTaylor [MacNei NH Bedford 96.5 3000 h.y.; 56 m, Donna/ NM Corrales (NW side of Albuquerque at 35-14.267; 106-36.367) *95.1 3000 h.y.; 8

m, g, LV Broadcasting Ed. Foundation. NY Deposit 94.7 1200 h,v; 159 m OH Barnesville 93.5 3000 h,v; 100 m OH Chillicothe WVXC-1 *89.3, 50-watt on

channel booster of Chillicothe station OK Heavener 92.5 790 h.y.; 195 n., Leroy Billy TN South Pitsburg 97.3 27000 h.y.; 188 m TX Crane 100.9 3000 h.y.; 100 m. A. L. Crain TX Daingerfield 106.9 1100 h.y.; 196 m TX Lubbock ("Woodfow") K2198L *91.7

TX Lubbock ("Woodrow") K2198L "91." (KEHC 90.5 Odessa) [Lake City) UT Heber K2168R "91.1 (KUER 90.1 Salt/ VA Lebanon 107.3 2600 h.y; 105 m Wil Brillion 96.3 3000 h.y; 100 m, B. Radio Co. WY Diamondville 105.3 16500 h.y; 255 m

WY Diamondville 105.3 16500 h.y; 265 m TA Nuevo Laredo XHTLN (another source gave it as "XHNLT") 94.1. \$, 1, 3006 h.y; 90 m. Call Letters Assigned

AL Andaulsia 98.1 WWSF-FM (from WWSF) AL Dadeville *88.7 WDVI

AZ Winslow 95.1 KTDX

CA Alturas *88.1 K201BH, not "90.7," as shown p. 133 FM Atlas-12 (a KCHO *91.7 Chico translator)

CA Apple Valley 102.3 KZXY"-FM" (KZXY-FM; AM has new calls) CA Atwater 92 5 KVRK ("94 Oldies"

CA Bakersfield 94.1 KERN-FM (KOXR), r./ CA Crescent City *91.7 K219AB, not "91.9," as shown p. 74, FMA-12 (a KSOR 90.1 Ashland

OR translator) CA Palm Springs *89.3 K207AV, add to p. 134, FMA-12 (a KCRW 89.9 Santa Monica trans-

CA San Fernando 94.3 KMGX (KGIL-FM) CO Cortez *89.5 K208BK

FL Belle Glade 93.5 WBGF (WSWN-FM), rm FL Springfield 101.9 WYOO

FL Springfield 101.9 WYOO GA Rockmart 107.1 WTSH-FM (WZOT; AM is in Rome), k. "South 107." ID with Rome

HI Waipahu 92.3 KSSK-FM (KXPW; AM is in Honolulu), rm ID Salmon *91.9 K220CG, add to p. 136

FMA-12 (a KBSU 90.3 Boise translator) IL Ramsey 95.3 WJLY (originally listed as applying for 105.3)

IN Huntington-Fort Wayne 103.1 WOWO-FM (not WBZT), r, \$ |in Davenport) IA Bettendorf 93.5 KBQC-FM (KBQC: AM is/

IA Clarinda 106,1 (from 106,3) KMA-FM (KQIS; AM is in Shenandoah) 50000 h,v; 50 m. C2

IA Osage 92.7 KCZY (KOSG), rk, "variety"
KY Campbellsville 103.9 WCKQ (WCKQ-FM)
KY Greenup 105.5 WLGC (WLGC-FM)

KY Shelbyville 101.3 WCKP (WCKD)
LA Opelousas 105.9 KVOL"-FM" (KFND)
ME Presoue Isle 96.1 WTMS-FM (WTMS)

ME Presque Isle 96.1 WTMS-FM (WTMS)
MA New Bedford 98.1 WCTK (WMYS), k, "98.1
Country" (strict), and "serves mostly the
Providence area, but can be heard just outside
Boston" L-FM; AM gets new calls)

MI Charlevoix 105.9 WKHQ"-FM" (WKHQ-/ MN Albert Lea 96.1 KQPA

MN Grand Marais 95.3 WBFX (WYQT)
MN Park Repids 97.5 KDKK (KPRM-FM), rt,
"97½," still AM-FM simulcast with much
monophonic talk at night in pseudo-stereo

MS Greenwood 101.9 WGRM-FM MS Yazoo City 93.7 WAZF-FM

MO Florissant 97.1 KHTK (KLTH), r, "Hot 97" MO Kansas City 94.9 KCMO-FM (KCPW), still r,

but oldies, "Oldies 95" 104.3 KBEQ (KBEQ-FM; AM gets new calls) MO Marshfield 104.9 KTOZ-FM (not changing to KGBY), k, f(D), 57, no 67 kHz telemetry.

The 57 is "low speed data!"

MT Billings 94.1 KRKX (KFBA), r ("rock"), \$

NV Las Venes 98.5 K LUC-FM (KLUC) - AM is in

NV Las Vegas 98.5 KLUC-FM (KLUC); AM is in North Las Vegas NH Conway 104.5 WMLY

NY Manlius 95.7 WAOX (WAuX-Fim); still
"95-X." AM in Syracuse (1490) now WNNR,
and "IDs separately at the bottom of the hour
on the AM only right over the music or
promos."

NY Saranac Lake *90.5 WSLL. ON AIR, \$? NC Greensboro 97.1 WQMG-FM (WQMG) ND Valley City 100.9 KLPR (KOVC-FM)

OH Troy 96.9 WTRJ

OR Mitton-Freewater 97.9 KLUB (KUDO)
OR Pendleton 107.7 KSXM (KUMA-FM)
PA Curwensville 102.9 WD KW (WWWS), \$, rm,
"OK 102.9"

PA Patton 94.7 WHUM"-FM" (WKBE)
PA Salladasburg 95.5 WKHL (WXKU), "Kool
95.5," r (oldies), with 14 fulltime employees.
"My neighbors and 1 very much enjoy Kool
95.5's nice music." And it's in \${tereo}!

SC Columbia 103.1 WOMG-FM (WOMG), still r

FCC-FM

TX Electra 95.1 KWTA
TX Gatesville 98.3 KRYL (KHQS)

TX Lorenzo 98.1 KKCL (KVOQ)
TX South Padre I sland 95.3 KESD, 100 m (2500 h.y.); height not given p. 160 FM Atlas-12

UT Delta 95.7 KLGG (KIPP)
UT Fort Douglas 96.7 K244DH
WA Walla Walla 97.1 KNSN (KAFR"-FM")

WV Danville 92.5 WZAC WV Fairmont 94.3 WRLF 94.3, Stereo. r.

"94-Rock," "yuk!" WV Romney 100,1 WJJB (WPBB)

WI Evansville 105.9 WMJ8 (WEBU), \$, r (Drake-Chenault ac-oldies), "J-106," ID with

Janesville-Beloit, but not Madison because of poor reception with multipath and overload, MB Winnipeg 193.1 CHZ C (KWG), "Zed 103," not "Zee 103," r, with '80s rock music. The change came at 6 a.m. Aug. 21; claims to play "50 minute of music during certain hours"

Still Using Old Calls
NY Port Henry 92.1 WHWB-FM, but to go to
WXXS, once expected-soon sale is cleared to
new owner

Facilities Changes Granted

AL Fayette WHKW 98,1276 m, 89000 h, 91000 v (K272CU 102.3) AZ Cottonwood K244DI 96,7 (from/

AZ Lake Havasu City KZUL-FM 105.1 280 h,v; 702 m AZ Springerville KQAZ 101.7 1100 h,v; -28 m AR Dermott KXSA-FM 103 1 1100 m (3000 h v)

AR Dermott KXSA-FM 103.1 100 m (3000 h, v) AR Little Rock KABF *88.3 adds v[ertical] AR Mountain Home KKTZ 107.5 200 m (100000 h, v)

AR Russelville KMTC *91.1 -19 m (360 h,v)
CA East Porterville KPOR 100.5 1500 h,v; 142 m
CA Santa Cruz KFER *89.9 -85 m (200 h,v)
CA Walnut KSAK *90.1 4 wetts h,v; 125 m
L-88 m adds vertical

CO Colorado Springs KTLF *89.7 6500 h,v;/
FL Bonifay WTBB 97.7 92000 h,v; 400 m
FL Homestead WXDJ 95.7 23400 h,v; 496 m
FL Key West WKRY 93.5 31500 hv; 35 m, C2
FL Lehigh Acres WOOJ.FM 107.1 25500 h v:

216 m GA Dublin WOZY 95.9 27000 h.y; 47 m HI Honolulu KHPR *88.1 100000 h.y; 600 m ID Sun Valley KSKI-FM 103.7 (from 93.5)

51800 h,v; 581 m IL Evanston WOJO 105,1 8400 h,v; 358 m IN Terre Haute WISU *89.7 horizontal only IA Ceder Papids KTOE 104 5 129 m (100000)

IA Cedar Rapids KTOF 104.5 168 m (100000 h,v); c-p for greater height cancelled IA Estherville KILR-FM 95.9 50000 h,v; 150 m,

C2, site to be 8.5 km west of Jackson MN, in the direction of Worthington MN IA Grinnell KICL 106.7 1340 h.y; 150 m IA Storm Lake KAYL-FM 101.5 211 m (100000

h,v), tower east of town KS Salina KCVS 104.9 82 m (3000 h,v) KY Harlan (new) 105.1 270 h,v; 316 m

A Janning KJEF-FM 92.9 (from 92.7) 32900 h,v; 183 m, adds vertical [m LA New Orleans WLMG 101.9 100000 h,v;300/

MI Harbor Springs WLTO 103.9 28000 h.y.; 202 m, C2, advertising "50000 watts," but probably (ligasily) combining h and v powers. Has \$[tereo], k (but easy country, almost m) MI Portage WHKR 107.7 148 m (50000 h.y.)

MS Baldwy MSES 9.9. 9250 h.y; 106 m | tm MS Columbus WACR-FM 103.9 50000 h.y; 150/ MS New Albany WWZD 106.7 28100 h.y; 200 m MO Palmyra KIDS 97.9 (from 98.3) 29700 h.y; 104 m. C2

NV Sparks (new) 92.1 430 h,v; 245 m NH Hinsdale WYRY 104.9 730 h,v; 204 m NH Portsmouth WHEB-FM 100.3 150 m (50000

NJ Trenton WKXW 101.5 19000 h,v; 245 m NJ Union Township WKNJ-FM *90.3 9 watts h, "Zed 103" Comes to Winnipeg

5 meters; deletes vertical NM Albuquerque K292EN 106.3 has KMXQ 104.7 (moving from 92.7) Socorro on it, not KARS-FM 97.7 Belen [m, C1

NM Los Alamos KBOM 106.7 15500 h,v; 594/ NY Utica WKGW 104.3 100000 h,v (351 m). Was off the air during WTFDA convention, or at very low power [h,v], d-a NC Williamston WHTE 103.7 299 m (100000/

NC WilliamstonWHTE 103.7 299 m (100000/ OH Van Wert WBY R 98.9 3 m (50000 h,v), no SCS (had 1M, 67 kHz) [AE 88.9) OH Wheelersburg W262AP *98.3 (from W205.7 OK N lowata KNF 8 94.3 2000 h,v, (122 m) OK Stillwater KSPI-FM 93.7 (from 93.9) 12000 h v (30R m) C2

OR Corvellis K212AK *90.3 now has KQFE *88.9 Springfield (from KEAR 106.9 Sen Francisco)

OR Cottage Grove K206AL *89,1 (from Creswell; although still licensed to Creswell, "but KQFE Springfield OR, which is on the channel adjacent to it, completely drowns it out in Creswell"

OR Eugene KLCC *89.7 8100 h, 5400 v, 354 m KMGE 94.5 396 m (100000 h, 43000 v) KZEL 96.1 333 m (100000 h, 430000 v; 376 m GURNEM 97.9 100000 h, 75000 v; 376 m OR Lincoln City KCRF 96.7 30000 b, y; 191 m,

OR Roseburg KRSB-FM 103.1 2600 h,v; 459 m, C2

OR Springfield KSND 93.1 100000 h, 33000 v; 300 m; 1M SCA, 67 Khz PA Bethlehem WZZO 95.1 d-a

PA Edinboro WMYJ 97.9 1250 h,v; 154 m, †U SCS at 67 kHz PA Greencastle WKSL 94.3 1820 h,v; 129 m PA Huntingdon WKVR *92.3 (from 103.5) 13

watts h,v; 81 m A fidina WOMU 103.1 3000 h,v; 100 m SC Darlington WMWG 105.5 1800 h,v; 122 m SD Aberdeen KGIM-FM 106.7 211 m (100000 h,v); granted extension of time to build TN Dayton WTCX 104.9 1250 h,v (150 m)

TN Etowah WZMT 103.1 50000 h.v.; 150 m, C2; "Z-103," finally using new calls
TN Knoxville W252AQ 98.3 has WWBR-FM 92.7

Harriman TN on it TN Oak Ridge WKMF-FM 94.3 1100 h,v (157 m) TN Spring City WAYA 93.9 2000 h,v; 100 m TX Amarillo KESE 101.9 300 m (100000 h,v) TX Beaumont KAYD 97.5 345 m (100000 h,v);

ID with Port Arthur Orange TX Denison KMKT 104.9 50000 h,v; 150 m, C2, ID with Sherman

IU with Sherman
TX El Campo KXGC 96.9 100000 h,v; 313 m
TX Georgetown KQFX 96.7 100000 h,v; 290 m,
"The Fox." [38800 h,v; 171 m
TX Giddings KGID 101.5 (from 101.7)/
TX Highland Park (from Dallas) KVIL-FM

103.7. IDs with Dellas Fort Worth, rm ("AC").

I Rocks, "ID with Waco TX Marin KRXX 92.9 (from 96.7), "K-/
TX Mesquite KEOM "88.3 650 hy, 174 m, d-a
TX San Antonic KOXT 101.9 50000 v (100000 h, 204 m). No nonID, saying "FM 102, KOXT".

KUX1"
KUX1"
176 m (100000 h,v), r (CHR)
KZEP 104.5 64000 v (100000 h, 201 m)
TX Slaton KJAK 92.7 (from 92.9) 100000 h,v;
178 m, C1

TX Terrell KTLR 107.1 1260 h.y. 134 m, 10 with Rockwell-Dallas, "Clessic Country 107" TX Texarkana KOSY-FM (from AR Texarkana) 102.5, m; FM is licensed to TX, while KOSY AM is itensed to Texarkana AR UT Centerville KCGL 105.7 293 m (13500 h,v) VT Rupert WRIOL 104.1 1500 h, -113 m WA 0 thelia KZLN 97.7 730 h,y; 200

WA Packwood K249CQ 97.7 now has KLYN 106.5 Lynden WA on it, not KPDQ-FM 93.7 Portland OR PR Anasco WVID *90.3 303 m (14500 h,v) October, 1989

PR Carolina WVOZ-FM 107.7 25500 h, 499 m TA Nuevo Laredo XHNOE 91.3 12330 h,v; 45 m, \$, I, "real sweet-sounding."

m, \$, 1, "real sweet-sounding."

XHMW 102.3 3000 h.y; 90 m, \$, no SCA.

"Listed as 5000 watts, but is a Class A, and I am sure the SRT has carried this error on their records for years."

See Also September VUD For

CO Snowmass Village KSNO 103.9 has \$[tereo], Pugh, p. 50 [101.7 Buntin, p. 49 KS Girard KYPG 101.1 has \$, r, "Y-/ MA Harwich Port WFXR 93.5 has \$, "Fox 93.5," Pugh, p. 50

MO Carthage KRGK 104.9 K-105, Buntin, p. 49 MO Webb City KKLL-FM 95.1 has \$, g, Buntin, p. 49 ["K-Power," Coniglio, p. 44 VA South Boston WOO K 97.5 rs format,/

VA Yorktown WKEZ 94.1 Keys Country, Kruzka, p. 42 [Shapiro, p. 42 NB Saint John CIO K 100.5, not "NF St. John's,"/

Stereo, Or to Be \$tereo

HI Hilo KHHI 92.7, KHHH 98.5 relayer IL Quincy WZLZ 103.9 MI East Jordan WIZY 100.9 cj, parallel to noncommercial WIAA *88.3 (moving to

noncommercial WIAA *88.3 (moving to 88.7) Interlochen MI. Has separate IDs from WIAA, but licensed commercially. A new use for failing commercial stations—to ralay nearby public stations?

MI Newberry WUPQ 97.9 mg (contemporary Christian late night), "Q-Lite" (not strict) MN Warroad KKWQ 92.5. k

MO Eldon KBMX 101.9 NJ Dover Township WKTW *91.1, c NM Socorro KMXQ 104.7 (moving from 92.7),

100000 h,v; 574 m, Class C NY Boonville WBRV-FM 101.3 m, parallel programming to WLLG 99.3 Lowville NY

NY Poughkeepsie WRNQ 92.1, "iame format" OH Clyde WHVT *90.5, g, poor fidelity OK Altus KEYB 107.9, k[ountry]

PA Erie WMCE *88.5, with hard rock
PA Mexico WJUN-FM 92.5

PA Mount Union WXMJ 99.5 r, "Magic 99"
PA Williamsport WGBE 107.9 rm, "Eagle 108."
Interestingly, WGBE "transmits its call letters
in Morse Code at 18 minutes before and 18

minutes past each hour."

TX Freeport KGLF 103.3, ID with Lake
Jackson. "K-Gulf"

TX Paris KOYN 93.9, "Coin 94"
TX San Angelo KTEO-FM 93.9, back to

TX San Angelo KTEU-FM 93.9, back to TX Vernon KVWC-FM 102.3, and #ds vertical TX Wichita Falls KMOC *89.5. "Seems as if I would have noticed mono if they had

would lave noticed mono in they had been—was coming in well when heard."

VA Spotsylvania WPLC 99.3, rs, "Magic 99.3."

Using private satellite hookup, dual programming with WPLZ-FM 99.3, Petersburg VA.

WA Centralia KCED *91.3, "within a few weeks" ["Car FM" WA Medical Lake (Spokane) KAAR 95.3, r,/ WV Vienna WDMX 100.1, "Mix 100," ID with Parkersburg-Marietta (OH), r, hits of the '60s.

'70s and '80s, a "nice-sounding station" WI Port Washington WGLB-FM 100.1 ON Parry Sound CKLP 103.3, m

Monophonic
GA Baxley WBYZ 94.5, but assumed temporary
NY Buffalo WBNY *91.3 [temporarily
TN Signat MountainWAWL *91.5, but assumed/

Format Changes
Formats are the same as in the "FM Atlas"
AZ Flagstaff KVNA-FM 97.5 rm, SMN
AZ Wickenburg KTIM-FM 105.3 m, "MOYL"
AR England KLRA-FM 96.5 K (ountry), 87
AR Hot Springs KL AZ 105.9 r, "CHR", "20

AR England KLRA-FM 96.5 k[ountry], \$?
AR Hot Springs KLAZ 105.9 r, "CHR," no
"Z-106," saying "KLAZ, Power Hits 106"
AR Van Buren-Fort Smith KLSZ-FM 102.3 rm,
"Class 10?"

music to justify listing it as a storen station CO Fort Morgan KBRU 101.7 k FL Jupiter WTRU-FM 99.5 rm, "True FM"

HI Hito KKBG 97.9 rlock IL Chicago WXEZ-FM 100.3 mr. no SCS IL Mattoon WMCI 101.3 k, \$tereo; ID with Andy

Bolin town Charleston II. IN Warsaw WRSW-FM 107.3 no Spanish KY Murray WBLN 101.7 r (oldies). ID with

Mayfield, "W Blend" (not strict) LA Galliano KBAU 94.3 r, "Bayou 94" LA Hammond WHMD 107.1 rp, no nonID LA Lafayette KTDY 99,9 rm, "Magic 99,9" LA Natchitoches KZBL 95.9 rm. "Z.96" LA Tioga KISY 103.5 (moving from 98.3) rm.

"Kiss," ID with Pineville-Alexandria ME Lincoln WHMX 99.3 rk, "Hot Mix 100" (not strict)."The best of country, pop and rock." MD Hurlock WAA! 100.9 k. Stereo

MA Worcester WAAF 107.3 r, dumping the older, classic sounds in favor of a "current intensive rock mix "Station had lost in the Boston rations to WENX WRCN and WZI X MI Interlochen WIAA *88.7 (from 88.3) ci MI Pinconnine WLFS 100.9 mr \$

MN Atwater KYRS 94.1 k, \$, ID with Litchfield MO Lexington KCFM 107.3 k, ID with Kensas MT East Helena KHKR-FM 104.1 k.\$

NJ Cape May Court House WBNJ 105.5 mi, "new age," "Joy 105.5" NJ Long Branch WZVU. "Seaview 107." is

"lame, but I like their oldies request show Saturday nights"

NM Albuquerque KKOB-FM 93,3 rm. "lite best," no SCS (had 1M, 67), only occasional open carrier, Strict nonID: "KOB-FM," with KKOR-FM calls and Santa Fe dual city In given once per hour near the top of the hour

NM Gallup KGLX 99.1 k, SMN, \$ NM Las Cruces KGRT-FM 103.9 k. "K-Great" NM Truth or Consequences KSNM 98.7 rm. \$ NY Fredonia WCQA 96.5 r (hits), "FM 96.5"

NY Houghton WJSL *90.3 all g. Programs largely parallel to WMHR 102.9 Syracuse, with some contemporary gospel when the students return to Houghton College. NY Lowville WLLG 99.3 rm, parallel to Boon-

ville 101 3 WRRV.FM

NY Syracuse WAER *88.3 j WJPŹ *89.1 r

MY White Plains WFAS-FM 103.9 rm, still "Bright 104," and "not lame any more, They play good oldies, as well. . . As for the AOR and classic rock stations, I do like listening to WXRK ('K-Rock'), WYSP, WNEW-FM and

NC Tabor City WYNA 104.9 k, "Winner FM" OH Cleveland WRUW *91.1 had summer afternoon program, "Your Neighbor's Air Conditioner," sounding like synthesized music produced by a sweep generator heard while driving to WTFDA convention in August

OH Dayton WDPS *89,5 ri, mono OH Mansfield WVNO 106,1 rm, lite rock OK Ada KTLS 93,3 rm, "AC" OK Durant KLAK 97.5 rm, "K-Lake 97.5." ID

with Denison-Sherman TX ["1.94") 8K Lawton KQLI 94.3rm."Q-94"(from/

8R Cave Junction KCNA 192.7 p, "progressive rock" and "Kickin' A" nonID; stereo OR Ontario KSRV-FM 96.1 k, \$, no SCS

OR Portland KRRC *107.5 p[rogressive rock] PA Harrisburg WHKS 94.9 r (oldies), "Kiss 94.9" PA Philadelphia WSN1 104.5 rm: "Their lameness

started when they came to be a 'soft hits' station. They're now worse than WMGK ('Magic 103'). That station plays a better variety of oldies."

SC Newberry WNMX 106.3 r. "Mix-106.3"

WBER Fails to ID Properly!

TX Amerillo KLSF 96.9 rm, "KLS-97, Class KMLT 97.9 mr, "K-Lite 98" TX Beaumont KZZB-FM 95.1 sr. adds Port Arthur-Orange IDs

("The Rock") KWIC-FM 107.9 rp, "108" (chips away/ TX Brenhem KULF 94.1 rm. "K-94" TX Brownsville KRIX 99.5 rp, ID with Harlingen-McAller "QQ.Y"

TX College Station KTSR 92.1 rm adds Bryan/ TX Colorado City KAUM 106.3 rm. SMN TX Corpus Christi KMXR 93,9 rm, "Mix 93,9" KLTG 96.5 mr, "K-Lite 96.5" TX Dallas-Fort Worth KMGC 102.9 rj, "Magic

102 9" TX El Paso KXCR *89.5 j, mostly in English; remove the "S" for Spanish

TX Hearne KHRN 94.3 Spanish Is. "urban. Spanish mornings," no longer mentions Bryan-College Station in its ID list TX Hereford KPAN-FM 196.3 rk (still mono)

TX Houston KLTR 93.7 rj, with jazz at night, "K-Lite 93.7" [ac mix" KODA 99.1 bj. "Coda 99," EZ-new age, jazz-/ KRBE 104.1 r, "Power 104," CHR TX Kingsville KODK 92.7 k

TX La Grange KBUK 104.9 k. "K-Buck 105" TX Liano KCKM 104.9 b[eautiful music]

TX Lufkin KUEZ 99.3 rm, "Easy 99," ID with Nacoodoches TX Odessa KOCV *91.3 rj

TX Orange KKMY 104.5 rm. ID with Beaumont-Port Arthur ("variable"); no noniD KIOC 106.1 r, ID with Beaumont-Port Arthur. Lake Charles (LA), "K-106"

TX Pasadena-Houston KKBQ-FM 92.9 r. "93-Q" TX Portland KJKC 105.5 rs, ID with Corpus Christi, "Power 105"

TX Port Lavaca-Victoria KPLV 93.3 rp, still/ TX Robstown KMIQ 104,9 Spanish, r, "bilingual CHR," ID with Corpus Christi

TX Rusk KWRW 97.7 r, oldies, ID with Jacksonville-Palestine

TX San Antonio KISS 99.5 rp. AOR. "99-5 Kiss" KZVE 107.5 Spanish rm, "K Suave 107" TX San Marcos Austin KEYI-FM 103.5 r TX Sinton KNCN rp, AOR, ID with Corpus

Christi, but no longer with Taft TX Terrell Hills-San Antonio KMMX 106.7 rm. "K-Mix 106"

TX Texarkana KTAL-FM 98.1 rp, now \$[tereo] TX Victoria KZEU 107.9 k, no noniD, no "(azoo," now "108-KZEU"

TX Wichita Falls KKQV 103.3 rs, ID with Lawton O K, "QV-103" [country/AC TX Winnsbore KWNS 104.9 kr, "K-105,"/ VA Cape Charles WKSV 96.1 gr, contemporary

Christian music VA Petersburg WPLZ-FM 99.3 rs, "Magic 99.3" VA Lynchburg WXYU 101.7 k, "Country 102" (sinking "U-102") (contemporary" WA Toppenish KHYT 92.9 rm, "SMN adult/

WI Clintonville WJMQ 92.1 k WI Eau Claire WUEC *89.7 cr, some relaying of WI Public Radio and some student programming: signed off at 2 p. m. on a weekday

afternoon, on only a limited schedule WI Spencer WMJA 92.1 rm. ID with Marshfield

Wilselica Wad 3.7.1 m., out measurements with Medford Wil Sturgeon Bay WOZZ 99.7 mr ["Majic" WY Casper KMGW 94.5 r, "AC-oldies," \$./ SK Regina CIZL 98.9 r, "Classic hits," still "Zed-99," as is CIZZ 98.9 Red Deer AB

FMistakes, FM Atlas-12

AR Greenwood *101.7 KNYDt add *, p. 34 CA Los Angeles KKLA 99,5 coverage should be 45 km, not 54 km, p. 103. KEDG 101.9 Glendale claims not to have a directional antenna but current c-n calls for such CA Newport Beach *89.5 KSBRt, not *88.5, p. [ey and Tarpon Springs, p. 30 FL Holiday should be between New Port Rich-/ October, 1989

HI Hanolulu 96.7 KRTRt, not 96.3, p. 86 KY Nicholasville 102.5 WCKU calls missing, p. [90.5," p. 56 MO Point Look out KSO 7*90.5 remove "seeks/ NM Gallup remove *101.7 KTOR+ from p. 66 NC Statesville *93.5 WHPEt add * pp. 24, 139:

calls are W228AR OH Bellaire dot is on wrong side of border, p. 41 OK Enid *103.1 KNYDt, not "KNIDt," p. 60 OK Tulsa KBEZ 92.9 coverage too high for its

fisted facilities, p. 120. Is 65 km (not 80 km). TX Anson KHKR 98.1 (not "KHCR"), p. 122. ID with Abilene. No nonID, saying: "Lonestar 98 FM KHKR"

BC Port Alberni *98.1 CBTO, add *, p. 90 "I really like the maps, but please redraw the Texas map, With our large and odd shape and large number of stations, it would be nice to have Texas on six pages instead of four."

On Air (Selected)

MN Marshall KKCK 99.7 (from 100.1)

VA Crozet WJLT-FM 102.3, \$, rm MB Winnipeg CKO-FM7 99.1. "part of the CKO network, It finally came on air after a three-year wait."

"CKXL" 101.5 "has been on twice June 30 to July 2 and Aug. 4-6. They are trying to get a fulltime licence from the CRTC, and hope to be on 'some time this fall'. All programming is done by local volunteers and is all in French."

On Air or Licensed, Strangely Coexisting NY Sodus WSCS *89.5, near WMHN *89.3 [Douglas K221CS 92 1 Webster UT Bountiful K221CZ 92,1 and UT Fort/

Off Air, or Not Yet On

HI Makawao KVIB 94.3 IA Sioux Center KVDB-FM 93.9 (still on 94.3) MD Middletown WAFY 103.1 MI Barage WJMY 104.3, "but coming soon" MI Hancock WTHV 98 7 MI Houghton WAAH 102.3 MI Mackinaw City WSSW 94.3 MI Ontonagon WONT 191.1 (still on 98.3) NY Buffalo WFBF *89.9, but heard testing in \$, g, Family Network programming. Clarence NY 92.1 translator not on when the primary

NY Rochester WIRQ *93,3, for the summer, "while WRUR *88.5 and WITR *89.7 Henrietta are operating with reduced schedules. . . WBER *90.5 is on full schedule. but... hasn't aired a legal 'WBER Henrietta'

ID for years " NC Tarboro WAZO 104.3 Ithe summer OH Toledo WXTS (or WAMP) *88.3. for/ OR Medford KOPF 103 5

OR Portland KRVM *88 3 OR Reedsport KSYD 92.1 OR Sutherlin KSRL 101.1

PA Barnesboro WRHB 92.5 PA Elizabethville WLtZ 190.5 PA Reynoldisville WDDH 99.5

TN Lobelville WIST 94.5 (still on 94.3) TX Austin KHF1 98.1, still on 98.3, still "K-98" VA Staunton WTON-FM 94.3

WA Dlympia KXXQ 96.1 WV Bridgeport WDCI 104.1 WI Watertown WBII *91.5-deleted?

Deletions

FL Captiva W252AK 98.3 IN South Bend W252AG 98 3 Mi Marquette W288AH 105.5 MT Billings KRER *89.9 MT Helena KHTC *89.5 NV Over 105.5 KIBSt-FCC has no record of it NH Manchester WANH *90.7, not on FCC lists any more

NY Central Square WCSQ *89.3. "This station has been dismantled and its equipment sold." Although they still hold an FCC license, there FCC-FM

are no plans to reactivate it. WY Ruffalo KHEF *91.9

SCServices, 57, 67 and 92 kHz Symbols are as in the "FM Atlas"-selected only: more are in "FMedia!" my newsletter which you can subscribe to as DXers at only \$18/year

AR Favetteville KEZA 107.9 tR, 92 (tM. 67) GA Atlanta at 824.312 mz is a Muzak-type service with m, j. Very mysterious.

IL Chicago WBBM-FM 96.3 TY 92 (not TZ) [+(D), 57] [tF 67 (Vietnamese?) WKOX 101.1 no 92 carrier only , was †E; retains/ WGCI-FM 107.5 no 67 (had †Z); retaines †E. (open carrier, 67) Greek, 92

II ElmwoodPark WCKG 105.9 no SCA (only/ IL Oak Park WVAZ 102,7 tZ, 67 (tY, 92) IN Elkhart WYEZ 100.7 1X (from 1M), 67; no "Stereo 107" nonID (with South Bend WFRN 104.7 no SCS (had †X, 67), ID/

IN South Bend WNSN 101.5 1X, 92 (1M, 67) IA Dubuque KATF 92.9 tX. 67 MI Alpena WHSB 107.7 no SCS (had †A. 67). open carrier only

MI Ann Arbor WUOM *91.7 1X. 67 (no 92: had tY 92 and talking farm news, 67) WIGB 102.9 no SCS (had tM 67) MI Battle Creek WKFR 103.3 no SCS (had TY.

MI Bay City WHNN 96.1 1X 67, no 92 (had/ MI Cheboygan WGFM 105.1 1X, 67, still r, \$,

main carrier, "Gold FM" (strict) MI Coldwater WNWN 98.5 no SCS (had †C, 67) MI Detroit WDET *101,9 no Y, 92 WOMC 104.3 no (H), 57

WQR\$ 105,1 tZ,67 WJZZ 105,9 no SCS (had tP, 92) WWWW 106.7 no SCS (had †H. 57, †X, 67) MI East Lansing WFMK 99.1 1X.67 MI Flint WFUM-FM *91.1 tX.67

WCRZ 107.9 tM. 67 MI Gaylord WPHN *90.5 †U, 67 (talking telemetry insynthesized voice: "... Reflected power 163 watts. Goodhye." Carrier shut

MI Houghton WHUH 97.7 tM, 67, still "The Great 98," not yet moving to 96.3 MI Lansing WITL-FM 100.7 t(D), 57; tM, 67; no/ MI Marquette WHWL 95.7 no SCS (had fM. 67) WRUP 103.3 tM, 67; tP[aging] 92 (tone and

voice; removes carrier between calls) MI Midland WKQZ 93.3 tU, 67: "Z-93, KQZ" MI Sault Ste, Marie WYSS 99.5 †G. 67 (not †C) MT Missoula KUFM *89.1 tU. 92 (tT. 67) NM Farmington KRAZ 96.9 no SCS NY Auburn WPCX 106.9 no SCS (had tM. 67) NY Buffalo WNED-FM *94.5 tZ, 92; no 67

NY DePew WBL K 93.7 no SCS (had †Q. 67) NY Fulton WKFM 104.7 no SCS (had 1C, 67) NY North Syracuse WEZG 100.9 no SCS, only

open carrier, 92 kHz, Had Italian service. NY Oswego WRVO *89.9 no SCS NY RochesterWRMM 101.3 noSCS(had tY / NY Syracuse WMHR 102.9 tU, 92 (tM, 67)

WRHP 107.9 no SCS (had †Q, 67), "We would like to get a paying SCA customer, Tullio 800roached us but he only wanted to take it Out as a trade-out for the Italian service."

NY Utica WUNY *89 5 +T 67:+U 92 OH Archbold WMTR-FM 100.9 no SCS (had fM, 67) fraction now r \$

OH Brvan WBNO 100.9 tM, 67, main/ OH Cleveland WCLV 95.5 no SCS (had †X, 67) WNCX 98.5 no SCS (had tM, 67) WMJI 105.7 t(D), 57; tQ, 67; no 92 OH Defiance WDFM 98.1 1X, 67

OH Findlay WKXA 100.5 tX, 92; no 67 (had fmain channel OH Geneva WDON 104,9 tU, 67, \$, r, on/ OH Lima WIMT 102.1 tF, 92 (talking farm

news); (1M. 67) 1"95-Mix" nonID OH MedinaWQMX 94.9 †R.92 (†M,67); no/

WKSQ Loses "Service Mark" Fight OH Nangleng WNDH 103.1 no SCS (had tM.

67); r (top 40), main OH Toledo WIOT 104.7 tX, 67 (not 1M) OR Eugene KWAX *91.1 tM, 67 KPNW-FM 99.1 tM. 67 OR Portland KBPS-FM *89.9 no SCS (had/ KBOO *90.7 no SCS (had tY, 67)

KXL-FM 95.5 †X. 67 KWJJ-FM 99.5 no SCS (had †Q. 67) KKRZ 100.3 on SCS (had 1M. 67) KKCY 101.1 tX.67

OR The Dalles KMCO 104.5 1X. 67 PA Frie WCCK 103.7 ±U 92 (±M. 67) WI Janesville WJVL no SCS (had tZ. 67) WI La Crosse WSPL 95.7 tU, 67; "FM-96" [voice] 67: tT. 92 (strict)

Wi MilwaukeeWYMS*88.9 †Weather INCAA/ WUWM *89.7 no SCA (had TY, 92), "We would like to get a paying SCA back. Multicomm didn't have enough business here." Still \$[tereo] for evening jazz, but properly turns stereo generator off when carrying mono-

WOFM 93.3 no SCS (had t[D] . 57) WLTQ 97.3 tC, relay of WISN AM at 67 kHz. It is on much of the time, acting as an auxiliary to their regular STL.

WVCY 107.7 no SCS now, but to have 1T, educational programs to students in home echanis 67 kHz "The background music husiness dried up. The stores can simply install their own dishes and bypass the SCA etatione "

WA Tacoma KPLU *88.5 †(D), 57 kHz ON Burlington CING 107.9 1X, 67 (not 1T) ON Kinaston CFLY 98.3 †R. 92 (†M. 67) ON London CKO-FM3 97.5 †M. 92 ("classical, on only in the evenings for high-class restaurants"); (†M, 67)

CIXX *106,9 †R, 92, which is different from their TR, 67 and r (stereo) on the main [(had tS 67) сваплеі

ON Sault Ste. Marie CJQM 104.3 no SCS/ ON Toronto CKO-FM2 99.1 fM (with vocals). 67-18 92 CH D 107 1 17 67

ON Windsor CJOM 88.7 tR, 67 "Best wishes always, Don't freeze out some winter! Sure glad I don't live up North any

NonIDs, Not Just Slogans At Evergreen WIJK 93.3 K 93-3 AR Barling KPHN 94.5 95 Alive, ID with Fort [100.9 Q-101 Smith AR Fort Smith KBBQ/ ["96 Kissing") AR Little Rock KSSN 95.7 Kissin' 96 (not/ KZOU 98.5 Zoo-98

KKYK 103.7 no nonID, no longer "K-Kick," now saying "KKYK-104" AR Texarkana KTWN-FM 107.1 107 K-Twin FL La Belle WKZY 92.1 Cozy Country

FL Plantation Key WFKZ 103,1 Sun 103.1 (from "FM-103") ("AC-105") FL SebringWCAC 105.5 Class 105 (from/ GA Waycross WHFX 103.3 Fox 103 (throws off front burner "Hot Fox") ID Lewiston KATW 101.5 Cat FM (from "The/

ID Mountain Home KLVJ-FM 99.1 (moving from 99 3) K.I ove fletters often' IL Champaign WLRW 94.5 no nonID, "says call/ WHMS 97.5 no nonID, discarding "EZ 97-5"

IL Chicago WLIT 93.9 no nonID, "says call letters all the time" WNUA 95.5 no nontD, roughening up "Smooth/ WUSN 99.5 no nonID, no "US-99" WJMK 104,3 no nonID, no "Magic 104," saying

call letters "every time" IL Danville WDNL 102.1 DNL (not strict; unplugging "Power 102") WI Kennsha WJZQ 95.1 no nonID, throwing

stones at "Rock 95" IL Des Plaines WYLL 106,7 no nonID IL Peoria WWCT 105.7 no nonID, no "106" October, 1989

IN Eikhart WVPE *88.1 no nonID, no "FM-88" IN Indianapolis WFBQ 94.7 Q-95 (not "95-Q"). "Has always been 'Q-95' and will always remain 'Q-95." This station is one which is being attacked by the FCC for "indecent"

programming.

IA Pella KDMG 103.3 All Gold 103 LA Galtiano KBAU 94.3 Bayou 94

LA Houma-New Orleans-Baton Rouge KHOM 104.1 K-Home 104 Iwith Monroe LA West Monroe KYFA 98.3 K-98 10/

LA Shreveport KMJJ 100.1 Magic 100 ME Ellsworth WKSO 94 5 Lite Bock Kiss 94 FM losing the Bangor "service mark" fight to WPBC 92.9, "Lite 93." WKSQ thus cannot call itself "Lite 94."

MI Gladwin WGDN-FM 103.1 FM-103 (not strict), still \$ b

MS McComb WXLT 94.1 Extra Lite 94.1, ID with Baton Rouge (LA)-Hammond (LA) MS Poplarville WZKX 107.9 ZKX, Power 108. ID with Gulfport-Bilaxi, but no longer with Hettiesburg

MS Taylorville WBBN 95.9 B-95 MD Bethany KAAN-FM 95.5 Can Country, still/ NE Columbus KLIR 101.1 Softrock 101 (mud-

dies "Clear") NJ Asbury Park WJLK-FM 94.3 no nonID, kicking out "K-94" NM Santa Fe KNMQ 105.9 Q-FM (strict), still/

KIVA 105.1 Music Power 105 OH Cleveland WLTF 106.5 Lite Rock 106% OH Cleveland Heights WRQC 92.3 Hat 92, still r OH Port Clinton WOSE 94.5 no nonID (no

"94-FM") [K-Rocks 98.1 OK Lawton KKRX-FM 98.1/ ["Zed 99!") OK Oklahoma City KZBS 98.9 Z-99 (not/ KMGL 104.1 Magic 104 OK Tulsa KVOD-FM 98.5 98 Country

OR Portland KSSN-F 197.1 "KISN-FM." but those calls are not for real, since KISN-FM is in Salt Lake City UT

PA Harrisburg WHKS 94.9 The New Cool 94.9 PA Nanticoke WSFX *89.1 89-X PA Susquehanna WKGB 92.5 92-5 KGB

TNDversvilleWASL 100.1 SL-100 (from "100.1/ TX Bastrop-Austin KGSR 107.1 107.1 The Star TX Brownwood KISJ 104.1 Kiss 104 TX Bryan KORA 98.3 98 Country, ID with

College Station TX Canyon KHWK 107.1 "The Hawk" (strict), r TX Commerce KEMM 92.1 Kem-92. ID with

Greenville TX Crockett KBHT 93.5 Best Hits 93-5 TX Dallas-Fort Worth KKDA-FM 104.5 Hot 104 TX Denison-Sherman KDSQ 101.7 Power 102

(from "Q-102") IK-Fan 101 TX Fredericksburg-San Antonio KFAN 101.1/ TX Galveston-Houston KQQK 106.5 Hot 106.5 TX Gilmer KAEZ 95.3 Light Hits 95.3, ID with

Longview [saying "93.5-KIKT" TX Greenville KI KT 93.5 no nonID, no "Kick,"/ TX Harringen KELT 94.5 K-Lite 94%, ID with Brownsville-McAllen

TX Houston KLDE 94.5 no noolD, saving "Oldies 94.5. KLDE" [98 FM. KFMK" KFMK 97.9 no nonID, saying "Classic Hits/ KILT-FM 100.3 no nonID, saying "FM-100, KILT" [dumping "K-101" KLOL 101.1 no nonID./ [103

[103, KQUE" KQUE 102.9 no nonID, saying "FM-/ TX Luling-Austin KAPT 94.7 no nonID, decapitating "Capital FM," and saying "Easy KAPT 94-7 FM" (Vanedadas (Spanish)
TX McKinney-Dallas KSSA-FM95.3 Radio/

TX Odessa KQIP 96.9 97-Gold (from "Q-96.9"). ID with Midland (ing "96-KLIS" TX Palestine KLIS 96.7 no nonID, say-/

TX Paris KBUS 101.9 101.9. K-Bus KTXU 107.7 The Superstation

TX Plainview KATX 97.3 no nonID TX San Angelo KBIL-FM 92.9 B-93

TX San Antonio KTFM 102.7 no nonID, saying AL Monroeville 95.3A, with Thomasville "Hot 103 KTFM" KZEP 104.5 Classic Hits 104.5 TX Sulphur Springs KDXE 95.9 Dixie 96 TX Victoria KEPG 100.9 Super G VA Appomettox WZST 102,7 Star 102,7 VA Big Stone Gap WAXM 93.5 93-X VA Lynchburg WKZZ 100.1 Z-100 W7 Baraboo-Madison WOLX 94.9 no nontD ON Thunder Bay CJSD 94.3 Hot 94 (from "94.FLI") still r

PO Chicoutimi CFIX 96.9 C-Fix, Quatre-vingtdix-saize-viroute neuf PO Rimouski CIKI 98.7 Les Meilleurs Souvenirs.

FM.AR (strict) SK Regina CKIT 104.9 K-105 (not "Stereo-105")

Multi-City IDs (selected) LA Benton KDKS 92.1 with Shreveport (no Bossler City), "Kiss 92" LA Boyce KBCE 102.3 with Alexandria, "B-102"

LA Kaplan KMDL 97.3 with Lafavette LA New Iberia KDEA with Lafavette-Baton Rouge MS Forest WOST 92.5 with Jackson-Meridian

NY De Ruyter WVOA 105.1 with Syracuse, c. \$ OK Edmand KTNT 97.7 with Oklahoma City PA Grove City WRKU 95.1 with Youngstown OH still "K-Rock"

TX Bandera KHLC 98.3 with Kerrville TX Beaumont KQXY-FM with Port Arthur-(leen, "Q-106" TX Belton KTQN 106.3 with Temple-Kil-/ TX Burkburnett KYYI 104,7 with Wichita Falls;

does KYYI have stereo? TX Cameron KCRM 103.9 (moving from 103.1) with Rockdale-Milano ["Country 103" TX Cooperas Cove KOOV 103.1 with Killeen TX Corsicana KAND 107.9 variable other cities Wt Ladvemith WWIB 103.7 with Eau Claire

Alvi Happenings Most Likely Caused by FM (selected-more are in FMedial)

GA Augusta WRDW AM shuts down (but not WRDW-FM 96.7 Wrens, which continues on the air) Sale was said to be in the works, but station has refused to "identify prospective hovers, their plans for the station or reasons why the station stonned broadcastion

IL Chicago WLS 890 AM switches from music to all talk. "It brings an end to what was once one of the Midwest's most popular and most successful-AM rock stations.

OR Portland KSGO 1520 changes to KFXX, "The X," and playing hard rock, going after day timer KZRC 1010. "KSGO has seen its ratings decline since KKSN 97.1 FM started an oldies format on FM." Audiences for oldies on AM had been too small.

TX Helotes (Spanish: "hot corn on the cob") KXAM 1440 "deleted by the FCC." Tried to serve NW part of San Antonio.

TX Lockhart KHJK 1060, SE of San Marcos. "The man who bought it applied for synchronous capeaters on 1060 in San Antonio and Austin, with the FCC not acting on the repeater applications," KHJK has "been silent at least four years," DXer Joe Gragg asserts. WI Madison WHIT AM 1550 ditched its oldies format in favor of simulcasting the country sounds of WWQM FM 106,3 Middleton WI. "WHIT was hit hard across the boards in the ratings recently when WOLX FM 94.9 (Baraboo WI) which dropped its easy listening format in April for continuous oldies. . . WHIT can broadcast only from sunrise to sunset coupled with the stereocepability of WOLX were 'insurmountable' obstacles for the AM station to overcome."

FM Rulemakings Proposed

First date below is deadline for filing comments at the ECC; second date is for replies. Stations affected, if any, are listed before the dates. Selected only; more are in FMedia!

Two Texas AMs Bite the Dust

At Thomasville 96,7C2 for 95.3A, WJDB-FM, CA Barstow 95.9B1 for A, KXXZ, Oct. 2, 17 TX Mirando City 100.5C2 for 100.9A, KZZQ. Oct. 2, 17 TX Monahans 102.1C from C1, KWES, Oct./

TX Windcrest (San Antonio) 98.5A. Jewel R. Morris no dates given VA Alberta (new c-p) 103.1A for 107.7A, with 125 Oct 10 Warrenton MC WI Altoona 98. 1A, Margaret Keefer, Sept./

FM Rulemakings Finalized

Dates are when FCC filing windows are open AL Glencoe 93.1A, Sept. 26-0 ct. 26 AL Linden (new c-p) 102.9C2 from A AR Gosnell (Blytheville) 93.9A, Sept. 25-Oct. 25 AR Wilson 103,7A, Sept. 26-Oct. 26 CO Kremmling KRKM 106.3C2 for A CO Widefield KKLI 106.3C2 for A FL Fort Myers Beach WOEZ 95 3C2 from A MN Spring Grove KOYR 98 3C2 from A MN Two Harbors WRSR 104.3C2 from A MO Columbia KEM7 98 302 for A MD Fulton KKCA 100 5A from 97.7A MO Troy (not "I A") 108 7A "You misread the Report and Order. The rulemaking deaft with a number of towns in Missouri, including Troy, Louisiana, etc. Louisiana is a town in Missouri, not the name of a state following Troy, Confusing huh?" says Larry Fuss NM Taos KTAO 101.5C2 from 101.7A TX Comfort 95, 1C2, Sept. 26-Oct, 26 TX New Ulm 92.3A, "first come/first serve" VA Bowling Green 96.9A, Sept. 12-Oct. 12 VA Broadway WLTK 96.1B1 from 95.5A VA Ruena Vieta WI TK 96 7R1 for 96 7A VA Mount Jackson WSIG-FM 96 981

FM Stations to be Downgraded by FCC

On June 1, the FCC created a new class of FM station (C3) for Zone II. While many Class As will be able to ungrade, the other side of the coin is that some stations not meeting C2 status will have to be downgraded. This also affects noncommercial stations. Stations will have until June 3, 1991 to apply for upgrades to meet current C2 (or higher) requirements. "This means that protected contours could decrease, allowing surrounding facilities to upgrade in some cases." the National Association of Broadcasters warns. The list as given by the FCC appears in small print in the September FMedia! It is about 200 stations long.

Other Small-Print Happenings and FM Industry News

To show congressional skeptics that it can mean business, the new FCC has given two FM stations 30 days to explain their actionsmostly regarding the broadcasting of "indecent" material-or face sanctions. Sanctions could range from a warning to nonrenewal of their licenses KS.IO 92 3 San Jose CA's "Perry Stone Show" on several dates in October and Novemher 1988, supposedly aired a seament in which Stone told a female caller he wanted to lick food off her body, one in which there was a ribald version of the theme from the "Beverly Hillbillies" TV show, and one on classical music performed on a "fellatio," WFBQ 94.7 Indianapolis, on the "Bob and Tom" show, was claimed to be talk on various dates of having sex with candy bars and a skit of Elvis discussing sex. Also affected is WLUP AM Chicago, turning "bad" after flirting with Christianity on 1080 kHz, That station's "Steve and Gary Show" in Aug. '87 and again in March '89 aired discussions of erections, descrip-

tions of magazine pictures of Vanessa Williams and another woman, and a song about a man filming "Kiddie Porn" at a youth camp. The FCC is up to its full complement of five commissioners (plus staff), with Al Sikes sworn in as chairman, being joined by new Commissioners

Andrew Barrett and Sherrie Marshall.

As follow-up to the story about Thomas Root (Aug., FMedia! pp. 6-7), a federal grand jury in Washington DC is looking into whether or not be or his firm falsified an FAA document to show that a proposed tower in Kirksville MO would not endanger passing

aircraft. The Kirksville allocation is 107.9C1, and I know there were solicitations of the public there to invest in a new "religious" station. Root is said to be back at work in his law office And the FCC is launching its own investigation, as to whether or not Sonrise, its applicants, attorneys, consultants and their advisors have engaged in a pattern of conduct which constitutes an abuse of the Commission's processes, and which may also be in violation of the federal Criminal Code.

From the NAB: "Q-Sound, a new technology, will allow any stereo station to broadcast music and effects that create the illusion of sound that moves from in front of listeners to behind them. A computer mixing technique creates the effects. Look for commer cial music to be produced in Q-Sound this fall."

Alarmed at the FCC's allowing stations to more easily request a new community of license, the NAB is asking the Commission to either clarify or rescind the action. The new rule "noes tog far." contends the NAB. An example of the "weakness" of the FCC's June decision is that new FM stations, created by Docket 80-90, would be allowed "to switch communities without ever providing service to their original

communities of license." The FCC has officially amended its rules to allow for noncommercial FM translators to receive their feeds by satellite or terrestrial microwave

And the FCC is asking for comments on a request of Gerald Turro for waiver of Sec. 74.1231 of the rules to permit his translator W276AQ in Fort Lee NJ to provide local programming. Turro is seeking to program his

translator 24 hours a day with entertainment, news and public service. He states that Bergen County NJ has no local commercial FM service and the translator will provide the local service that New York media do not; and his translator will be supported by advertisers who cannot afford to advertise on "out of state, full service stations

FCC totals as of July 31 show 4,965 AM stations 4 222 commercial FM stations and 1 397 educational FM stations: CPs and translators are not included in these counts.

Spring '89 RADAR survey shows FM now in the lead in all audience age groupings. incuding the 55+ market, with 55.7 percent favoring FM. Previously, AM enjoyed its only lead in the 50 and up age group.

Public broadcasters behaving like children? That's gist of reports out of Columbus OH where WOSU-FM and AM are sparring with WCBE for "first rights" to Garrison Keillor's Auterican Radio Company of the Air, WCBE claims WOSU-FM did not originally carry the

show, and the new program is merely a "continuation" of the old program. A Prairie Home Companion. Similarly, WNED-FM and WREG Buffelo had quaralled over the "rights." but settled it amicably. WBFO caded its rights, because it is satisfied with its own Saturday night liness, and has dropped American Public Radio. Things aren't as friendly in San Francisco, where K1EL-FM istrying to deny KALW any broadcast rights to the program. Both stations previously carried Keillor, but KQED-FM claims to be the

primary APR affiliate in the market.

Canada's CRTC is clamping down on SCMO perators who may be competing with licensed stations, especially ethnics. It's decided that SCMDs offering more than 15 percent ethnic content in markets already having an ethruic AM or FM station must apply to the CRTC and possibly appear at a hearing. The agency fears unregulated SCMO use could "be threatened by unregulated SCMO services.

"The CRTC rejected a cable request for permission to strip SCMO information from FM signals and a proposal by background music operators to cronsider SCMO a 'private communication'. Also rejected was a proposal to treat 'programming' and 'nonprogramming' separately.

FMeanderings-Some Random Thoughts From My Iravels to the WTFDA Convention

Much of the station news this month was the result of my travels to the East and calling on several stations, It was my first pilgrimage to Syracuse in 20 years, not even having attended my Ph.D. graduation in 1970. You've seen complaints about the poor iden tifying practices of CBC Canada FM stations in this rag; well. some of the most enjoyable radio listening on the trip was in southern Ontario, CKOT-FM 101.3 Tillsonburg had such a refreshing live m-o-r or "b" sound that if U.S. broadcasters were to emulate it. I am sure the format would flourish in every market. Even surprising to me was the absolute growth in the num ber of stations everywhere. I counted 31 stations which the signal-seeking car racio stopped at on the Mackinac Bridge in MI: this is in contrast to perhaps three 20 years ago.

WVCY in Milwaukee is alive and well, churning out automated to four other stations in the "VCY Network," I asked Vic Eliason there when do they actually broadcast in stereo to justify use of the stereo light? He took out his program log and said, "Well, we have 15 minutes of straight music at 8 a.m. and again at 5:30 p.m. And this program has stereo in its theme music, and that program...It's not dishonest to run the stereo generator all the time, even when carrying monaural material is it?" WUWM 89.7 confirmed that the night a reporter caught them without stere o and sending out jazz, the announcer must have forgotten to turn the generator on. Not thinking in terms of "truancy," WVC Y plans to start an SCA to home schools. "The background music: market dried up because businesses can get it on the satellite," Vic confided, WRHP 107,9 Syracuse is looking for an SCS tenant to replace PRN, which also put on vanishing cream in Buffallo and Rochester, but manages to hang on in Cleveland, So would WUWM, which lost its 92 kmz Multicomm account. Morgan Marti is about to walk away from WQXO-FM-AM Munising MI. Seems when he bought the station, on contract, George Freeman, former owner (of KGRI Henderson TX fame) left a lot of debts that Morgan had to cover for, WJPD-FM 92.3 Ishperning also being sold; Ron Wales, general manager, not sure what he's going to be doing after the sale, Look for a sale at WSAC 107.1 Port Huron and its AM. John Wismer, owner, was not very friendly when I stopped by; I think his age and apparent poor health might make his station a good one for somebody to make an offer on. He's facing competition from a new 102.3 allocation, plus Canada and a good-sounding religious station, WNFA "88.3, which gave me a very friendly reception, WSAQ's the only one locally doing anything with its SCS.

I performed a no-no in watching TV on the drive, hooking up a Panasonic pop-up TV below the dash, and powered with an inverter. The French CBC (UHF) station in Samia was too fluttery to watch, but I did stay with WNEM-TV, channel 5, Bay City to watch "Unsolved Mysteries." Crossing the border into the U.S. was facilitated by closing the TV set's lid. Television in the car was not that distracting; I found I did not look at the screen any more often than I would look at the speedometer

On the trip I picked up about a dozen radios to put the SCS feature into; including a nice Magnum/Dynalab FT101 tuner for sale on consignment from Al Ellis in Brantford ON. That tuner far ou tperformed a top-of-the-line Sony bought at a London ON stereo store, when tested side-by-side at Roger Gravell's place in St. Thomas ON. Roger said I can mention him. It worked as well, in my estimation, as the more expensive FT-101 "Etude," with its gold connectors. The Magnum, for example, pulled in Piqua OH 95.7 with a not indecent stereo signal, right next to local CFPL-FM 95.9, while the Sony could not get Piqua at all.

It was interesting to visit Peter Hunn, ensconced, or entrapped,

as the case may be, at little WZZZ (AM) Fulton NY, I think he's planning to write a book on how he "saved" a dving AM station-similar to the book he wrote on his experiences at 92.1 FM Port Henry NY. A little disconcerting that my former roommate, from University of Iowa days, is developing Alzheimer's disease; we had prayer about that while I was there in Rochester NY. Peter Hunn's faith, too, seems to keep him going It's a secular station he's running, but every morning before 7 he reads a chapter out of the Bible on the air. "It helps me keep up my own Bible reading to do it over the air, and somebody told me they get an uplift from it."

It was nice to talk to my former professors at Syracuse. They're not "old" professors, as Don Ely told me he's just four years older than I am. Visited former associate Dave Krause at MSYT, channel 68. We were involved in the "Eastern Associates" partnership, applying for 100.9A against what became WEZG North Syracuse. I learned the partnership is still alive on the books of New York state. WAER *88.3 has "growed," and now on an upper floor of Newhouse II, which building wasn't there when I was, and WJPZ *89.1 is a student station with stereo in a more run-down facility. Off the air part of the time was WVOA 105.1, with a good sounding, but somewhat canned, classical format. A tremendous stereo signal from DeRuyter, much better than the way I remember monophonic WOIV with its CBN format. Lightning had knocked out the WVOA transmitter a couple of days earlier. Off the air or at incredibly low power was WKGW 104.3 Utica; they too, had been hit by lightning.

Like many of you who travel and send me information, I took notes on the existence of stereo, the programming, nonIDs and multi-city identification practices of as many stations along the way as I could. I even got some information on various SCAs at 57, 67 and 92 kHz, but who am I to tell you how I found that

EM FORUM

COMMENTS FROM READERS

Canada's CRTC will start a review of FM broadcasting this fall. Expect some streamlining of the procedures, with full effect of the new rules to be by 1992, when most station licenses will have been renewed. Some DXers in Canada might even be auvised to urge the CRTC to require hourly IDs on FM stations there, to make DXing (and tuning in) to the stations there more interesting CKIS 97.5 Winnipeg has been called on the carpet by the CRTC for playing too much hard rock music and for too little news. Its licence expires the end of this month, and the CRTCould deal it a fatal blow.

Bob Levy, chief engineer WHRL Albany, takes a scenic drive every couple of months to New York city. "Last month my son, Denis, and I drove via the Palisades Interstate Parkway through Alpine NJ. We stopped by for a visit with Dave Amundsen, network manager for UA Cablesystems Corp., present owners of the Armstrong site, I have been by the strange tower many times but never had the opportunity to stop. This place is amazing, I just can't believe one man would spend millions lust trying to promote an invention! The station was built in 1937. You can see the original building with the original FM turnstile antenna to the right," [Above the door is marked clearly in stone, W2XMN.] The office has on its wall the original 1935 blueprint of the tower. It is 122 meters, self-supporting with three arms at the top. There are no ladders, but stairs with landings up to the top. There are 100-150 microwave dishes on the tower, with equipment trailers surrounding the site. The tower base is so large that you could put a full-size house under it. The original brick building housed the transmitter and studios on the first floor and Armstrong's office and lab on the second. There are hundreds of old FM receivers, multiplex and facsimilie equipment presently in the building as a museum.

"It really gave me a thrill to visit the site of the world's first FM station and then turn on the car radio and hear the dial full of stations from NYC and NJ. It is great that UA kept the Armstrong name, building and tower. If he could have lived to see how his dream came true-that of FM replacing AM as the superior method of radio broadcasting. Also due to his genius we have stereo and SCA via multiplexing, and a facsimilie in nearly every office... There is a big painting of Armstrong inside the front door of W2XMN. Today one FM station broadcasts from the Alpine tower (WFDU *89.1 at Farleigh Dickinson University). Again, we enjoy reading and using your FM publications."

Bruce E.





-----Submitted by Tom Bryant 849 Todd Preis Dr. Nashville, TN 37221

GHOSTS [Conclusion]

Of special interest is the KLRJ-tv letterhead. Both the channel allocation and call sign were deleted. Next time we'll begin a detailed journey through 'The History of Television'.

Las Vegas

Boulder City

TELEVISION STATION

STUDIOS AND TRANSMITTER • 4850 HENDERSON HIGHWAY • P. O. BOX 628 • LAS VEGAS, NEVADA Phone DUdley 2-1760



KGNC-TV...100,000 watts

2TTAW 200,001

833' AHTEHRIA KEIGHT

VERIFICATION OF RECEPTION

Thank you for your report of May 31, 1955 advising us of your reception

of WKY-TV in Napoleon, North Dakota

Transmitter and studio location: 100 East Britton Road, 6 miles North of Oklahoma City.

Frequency: 66-72 megacycles - Channel 4.

Video Power: 100,000 watts.

Audio Power: 60,000 watts. Tower Height: 971 feet.

100 EAST BRITTON ROAD OKLAHOMA CITY, OKLA.









DALLAS TELEPHONE TR-9757

Fred McCormack Box 9077 Prairiewood Station Fargo, ND 58106-9077

October 1989

Deadline: 11-09-89 Cut-off: 08-01-89

There was quite a jot of fine TV-DX logged in August. Outstanding (in excess of 500 miles) midwestern tropo was noted on August 2, 3, 24, 25, 30, and 31. There were some nice E skip openings. One hot date was the 6th when Bill Draeb first noted E skip at 0530 and continued to log stations until late night. Outstanding auroral E skip openings were noted on the 14th, 15th, and 18th by yours truly with Bill Draeb and Mike Parks also cashing in on portions.

Congratulations to Jeff Kadet on achieving 1000 TV station loggings!

New Mode__ Tent. - t Unidentified - unid S/On - + S/off - = ID Color Bars - e Unid Color Bars - % Misc. Test Patterns - & Parallel Programming - //

CH Chihuahua

CU Coahuila

NL Nuevo Leon

SI Sinaloa

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

CDT

Equipment: See August 1989 Western TV-DX

August 1989		2 tr 1921	WIII 64 OH 400	3 tr 0437 WETO 39 TN 630
2 tr 0025				WLKY 32(IN) 437
• • • • • • • • • • • • • • • • • • • •	(Snow free)	,,,,,	(Snow free)	0514 WTAP 15(OH) 476
	W16AC 16 WI		KNLC 24 MO 432	(Rare here)
(Land	10' Lakes STV)	2000		WKPC 15(IN) 437
(==	KVRR 15(MN) 461	2000	WEIU 51 IL 348	WAKC 23 OH 395
0053	KRWF 43 MN 372		(Abve 2 snwfree)	*WBNX 55 OH 395
	(Abve 2 snwfree)		W57AO 57 IL 382	0537 @WPBY 33 WV 498
	K14AD 14 MN 370	(Rob	inson TBN)	W57AG 57 WV
. (Will		2030		(Parkersburg WPBY-33)
0102	K19BG 19 MN 335	2000	WYMT 57 KY 553	WYMT 57 KY 553
	Cloud TBN)		WLKT 62 KY 473	W54AF 54 OH 344
0113	K26AC 26 MN 412		WSFJ 51 OH 395	(Bucyrus LPTV)
(Bem		. 2041		(Snow free)
(2011	K20AD 20 MN 407	2051		0539 WPBO 42 OH 462
(Wort	thington KSTP- 5)	2001	WOAC 67 OH 395	0542 WWAT 53 OH 437
0125	KBJR 6(MN) 286		WNEO 45 OH 405	WSFJ 51 OH 395
0144	WHO 13 IA		WOSU 34 OH 395	0600 WLJC 65 KY rare
0201	KFME 13 ND 477	2100		Es 1730 KWAB 4 TX 1135
0201	eCHMI 13 MB 591	2107		(KTPX-9 ID)
	(ID- "MTN/CHMI")	2101	CBLFT 10 48 ON	KMIDt 2 TX
0214	KMCI 38 KS 551	2118		KENWT 3 NM
0230	KTAJ 16 MO 498	2110	(o/WCFC & WPNE)	4 Es 0850 unid ch 2-
0230	KPTM 42 NE 481	2129		1745 unids chs 2-4 ne
	I went to bed.	2129	(Snow free)	(French audio)
07.10	KAWB 22 MN 350		WMSYt 52 VA	1934 WGBH 2 MA 830
0724	WIRT 13 MN 335		WXIX 19(OH) 400	2000 KATC 3 LA 1026
0124	(ID-"WDIO/WIRT")	2137		
0730	KCCI 8 IA 368	2230		
0130	KDINt 11 IA	2230	(With Pat Sajak)	
0740	KDSD 16 SD 526		WEVV 44(KY) 420	
0800	KSAX 42 MN 395	2300		
	KRWF 43 MN 372	3 tr 0417		1229 KOET 3 OK 786 (ID - KOET/KOED)
	(Abve 2 snwfree)	3 (1 0417	(Snow free)	KTVYt 4 OK
	KSINt 27 IA		eWEJC 20 NC 701	
1906	WQPT 24 IL	. 0430		
1900	WMEC 22 IL	- 0430	₩DKY 56 KY 514	
			WYMT 57 KY 553	1736 KWGNt 2 CO
				1738 KTVX 4 UT 1264
	KDNL 30 MO 432 (Abve 4 snwfree)			KCNCt 4 CO
				1740 KXLF 4 MT 1219
	WCET 48 OH 400		eWTVQ 36 KY 473	1745 KOUS 4 MT 980
	WCVN 54 KY 407	0407	WTTE 28 OH 395	1814 KYUS 3 MT 897
1921	WKON 52 KY 437	0437		KTVQ 2 MT
1921	KSAX 42 MN 395		@WHIZ 18 OH 400	1829 KRTV 3 MT 1157
	(Snow free)		%WKBN 27 OH 420	1900 KWSE 4 ND 811

Equipment:

Western TV-DX

<u> </u>	ipmen.											
1980) model	Penncrest	9	inch	black	and	white,	Archer	V-100	and	8 bay	bow-tie
UHF	array	at 20 feet	wi	th ro	tor.							

July	198	39															
2 E	s 08	359	WPSX	3	PA	10	tr	1859	KHÇE	23	ΤX	18	tr	0345	KSLA	12	LA
3 E	s 09	959	WEDU	3	FL		Es	2159	KREG	3	CO			0422	WAFB	9	LA
	17	126	WWAY	3	NC	11	Es	1457	WBAY	2	GΑ		Es	1617	WESH	2	FL
	22	200	KIÐK	3	ID	13	tr	0342	WVUE	8	LA			1629	WEDU	3	FL
	22	258	KVBC	3	ΝV			0343	KTRE	9	ΤX	19	tr	0034	WNOL	38	LA
4 E	s 10	129	WPSX	3	PA			0524	WAFB	9	LA		Es	1142	Cuba	3	
			KQTV	2	MO			0601	WLPB	27	LA			1259	WEDU	3	FL
			WSAZ	3	WV				KLTL	18	LA			1400	WESH	2	FL
	11	101	KDKA	2	PA	14	tr	0416	WAFB	9	LA			1416	WBTV	3	NC
	19	10	KTVK	3	AZ			0728	KLFY	10	LA	22	Es	1720	KOTA.	3	SD
	19	13	KCBS		CA			0729	KADN		LA			1730	KXMA		ND
	21	116	WSIL	3	IL		Es	1014	KCBS	2	CA	23	Es	0759	KTCA	2	MN
5 E	s 09	29	WAVE	3 ((IN)	15	tr	0128	KBMT	12	ΤX			1200	WBTV		NC
			WSJK		TN			0307	KLFY		LA			1221	KTWO		WY
	16	520	₩ESH	2	FL			0410	WAFB	9	LA	24	Es	1620	WCIA	3	IL
	16	329	WWAY	3	NC			0531	KPLC		LA			1701	WBAY		WI
7 E	s 13	319	KCBS	2	CA	16	tr	0658	KLTJ	22	TΧ	25	Es	0829	WBAY	2	WI
	16	329	KPRY	4	SD		Es	1418	WBTV	3	NC	28	Es	1030	KDLH	3	MN
			KDLO	3	SD			1658	KQTV	2	MO				KGFE		ND
	16	559	KBME	3	ND		tr	2229	KADN	15	LΑ			1259	KDLO	3	SD
			KGAN	2	IA	17	tr	0040	KLFY	10	LA			2111	WBTV	3	NC
	21	109	WCIA		IL			0317	KLTV	7	ΤX			2117	WWAY	3	NC
		120	WAVE	3 ((IN)			0430	KMSS	33	ĻΑ	30	tr	0031	KLFY	10	
8 t	r 02	230	KLFY	10	LA			0505	WAFB						KATC		LA
9 E	s 10		KTCA	2	MN			0606	KLTL		LA		Es	1522	KGAN	2	IA
		100	KDLO	3				1128	XHBC		BN			1628	KOTA	3	SD
			KXMA	2	ND			2358	KPLC		LA			1629	KUSD	_	SD
10 E	s 11	128	KGAN	2	IA	18	tr	0328	WNOL		LA				KTWO		WY
			WISC					0337	KALB		LA			1730	KNOP		NE
	12	259	KOTA	3	SD			0343	KLTV	7	ΤX			1959	KTVK	3	ΑZ

A lot more July E skip than June, putting it mildly! (My FM minute totals for July were over 2.5 times that of June.)

Local 23 (religious) is an intermittent item. Lucky to be on a few hours a day. When on, it doesn't bother the LPTV 20 (also mostly religious) - 20's biggest problem comes from being 15 channels away from much stronger 35 and thus the image QRM. 73, Pat, WA5IYX

William Eckberg, RR #4, Dixon IL 61201

Equipment: See September 1989 Western TV-DX

<u>July 19</u> 89	3 tr 0440	WKBN 27	ОН	450	23	Es	2026	KRTV	3 MT	1112
31 Es 1200 KNMZ 2 NM 972		WYTV 33	HO	450			2100	KUTV	2 UT	1139
1202 KATC 3 LA 809	0450	WFMJ 21	OH	450			2130	KOTA	3 SD	699
1208 WBRZ 2 LA 784	0455	WVVA 6	WV	528			2140	KIDK	3 ID	1123
	0505	WBNX 55	OH	404			2200	KGWN	5 WY	785
August 1989	0510	WNEO 45	OH	426			2230	KSL	5 UT	1139
2 tr 2100 W68BR 68 IL 42		WEAO 49	OH	404			2315	KTWO	2 WY	849
(Rockford WCFC-38)	0530	WOAC 67	OH	417	26	ms	0420	KDFW	4 TX	738
2230 W72AAt 72 MI	Es 1200	WEAR 3	FL	792	30	Es	1905	WGBH	2 MA	918
(Iron Mtn WLUK-11)		WEDU 3	FL 1	1031	31	tr	0215	WPGH	53 PA	491
3 tr 0115 CFPL 10 ON 419		WTVY 4	AL	758			0310	WTBS	17 GA	610
0130 WPCB 40 PA 518	1300	WCTV 6	GA	807			0433	WVFT	27 VA	583
0140 WPGH 53 PA 491	1330	KPRC 2	TX:	890			0455	WBIR	10 TN	489
0150 WOIO 19 OH 401	9 tr 2245	W22AJ 22	IL	89			0500	WTVC	9 TN	512
0255 CKCO 13 ON 461	(Wauk	egan	LF	PTV)			0525	WAFF	48 AL	503
0305 WVFT 27 VA 583	23 Es 2000	KWGN 2	CO	811			0530	WCAY	30 TN	408
0350 CIII41 41 ON 514		KREG 3	CO	933			0545	WZDX	54 AL	503

I marked my channel 72 logging of WLUK-11 tentative even though the antenna heading was Iron Mountain. Someone should know the signal's origin for certain.

9 1111	am Dra	eb (continued)	17	tr	1930	WCET	48 OH	400	26	tr	0500	WYTV	33 OH	42
						Chica	go U's	over				WKBN	27 OH	
6 Es	1915	KBME 3 ND				Greer	Bay w	/ease				WPGH	53 PA	
•		CKCKt 2 SK	18	tr	0305		15 ON				0810	WNEO	45 OH	
	1930	KFBB 5 MT		Es	0810		2-6 s					WCET	48 OH	
	2032	KNDXt 2 ND				WDSU		1028	27	t r	1935		22 IL	
	2035	KTVM 6 MT 1219			1225	WKRG	5 AL						Note	
		KFYRt 5 ND			1800	unid	ch 2 e	d	30	tr	0802		42 MN	
	2047	CJFBt 5 SK					Note					KAWB	22 MN	
	2055	KGWLt 5 WY	19	tr	0350		1 51 0				0819		15 (MN	
	2115	KCWCt 4 WY					20 ON			Es	1830		2-3 s	
	2130	KOTA 3 SD 798				CBCE	16 ON		31		0450		30 MO	
	2251	all gone	23	tr	0116	CBLNS	20 ON					WCAY	30 TN	
9 tr	2008	W24AI 24 IN 201			•		45 ON					e WLEX	18 KY	
-		igan City TBN)		Es	2121		4 KS					eWTVQ	36 KY	
	• • • • • • • • • • • • • • • • • • • •	(Over WCGV-24)				KLNE						e WDKY	56 KY	
		W69BT 69 IN 208				KHASI						%WTCI	45 TN	
	(Sout	h Bend WCIU-26)			2139		3 KS					e WLKY	32(IN	
Es	2119	unid ch 2+ south			2145							eWDRB	41(IN	
	2233	WESH 2 FL			2159		4 UT					WWAT	53 OH	
		WJXT 4 FL			2205							(Shop		
	2237	WUFTt 5 FL			2232		3 CO				0515	WEVV	44(KY	1 42
	2243	WYFFt 4 SC	24	t.r	1930		34 ON					WYMT	57 KY	
		WPBTt 2 FL				CBLN	40 ON				0524		48 AL	
	2247	WEDUt 3 FL					45 ON			1s	1924		42 MN	
		WRBL 3 GA	25	tr	0337	WNEO	45 OH	405						٠,
		WCPX 6 FL		•			ptune		Sec	ter	nber	1989		
	2253	WTVYt 4(FL)			0645	WSEE	35 PA	405				KARD	14 1 A	87
	2258	WDIQ 2 AL				WQLN	54 PA	405				ne Shop		
	2302	WEAR 3(AL)				WJET	24 PA	405					14(KY	
	2308	WKRGt 5 AL				WSKG	46 NY	600				KATV	7 AR	
	2310	WSJKt 2 TN			0723	WPGH	53 PA	480				KNOE	8 LA	
	2315	WCBD 2 SC			0739		16 PA	480			0318		10 MO	
		WMAB 2 MS			0744	WOUC	44 OH						/telet	
	2325	WLBTt 3 MS			1959	WEAO	49 OH	380			0331		8 TX	
		WCIVt 4 SC				WBNX	55 OH	380			0333		12 MO	
1 tr	0425	TVO 15 ON 210				WOSU	34 OH	395			•		eletho	
		(Laird Township)			2043	WAKC	23 OH	380			0338		25 MO	
2 tr	0627	KDNL 30 MO 432			2217		64 OH				0345		28 IA	
	0633	TVO 15 ON 210			(Com	neaut	WVI	Z-25)			0350		16 MS	
	2053	W45AGt 45 IN			2230						0355		33 IL	
	(Fort	Wayne LPTV)					48 OH	278				ford		U-26
4 Es	2200	unid ch 2~ west			(Tole			PTV)				%WMKWt		
AE	2300	untd chs 2-6 ne					f e 23				0434		15- so	
	2310	CKRS 4 PQ					52 OH	,					t to b	
		(Where ???)				WDLI	17 OH				0700		16 AR	
		lots of others			2306	Young	stown (l's			3.00	WUSI	16 IL	40
						000					0721			
	2330	opening dying					ept on	420					24 AK	
5 au	2330 1850	opening dying channels 2-6			2318	=WNEO	ept 58 45 OH	420 405			1000	KNLC	29 AR 24 MO	

Note # 1 - 8/18 @ 1800 - All day E skip still cooking on channel 2. Unable to watch most of it.

Note # 2 ~ 8/27 € 1935 - W22AJ ID slide shown. Music videos shown (Video Juke Box Network) - Phone number 1-900-HOT-HITS to order. Phone call costs \$2.50

The E skip opening of August 6th seems to have been the best of the season. One thing which helped this opening was local weather conditions. A cold front moved through and highs only reached the 60's, keeping local signal levels down.

The tropo opening of September 4th sort of snuck up on me. When I went to bed the night before at 2300, there wasn't any hint of DX like that. I turned the set on at 0245 to find the Home Shopping Club on channel 14 with a good signal. I thought maybe it was some translator I didn't know about, but after I went to VHF channels my question was answered. On channel 7, KATV was about the only thing there. On channel 8 there was a mess with WOTV, WQAD, and others. KNOE-8 surfaced a few times with Mississippi, Louisiana, and Arkansas phone numbers and towns shown, as they were carrying the MD Telethon, as were others. My only regret is that the opening wasn't more widespread.

CDT

Western IV-DX

William Eckberg (continued) Three ex

Three excellent tropo openings within a month were along the backside of fronts from the Carolinas to the upper

midwest. I saw Roanoke 27 twice in August. They are on all night with color bars and ID. Surprised to see Bluefields, West Virginia, channel 6 through Indianapolis.

Ted Turner's Super Station in Atlanta on August 31st came in over an hour with a decent signal. I managed to get several photos of local commercials - all they do is advertise. I was looking hard for Florida tropo, but no luck. Atlanta is past the mountains so it was possible.

(Bill, I think your channel 72 with WLUK-11 was probably their owned and operated W72AJ at Escanaba. My information has that translator still active and the channel 72 at Iron Mountain deleted. fm)

Nathaniel Ely, 3810 Sycamore Avenue, Madison WI 53714

CDT

Equipment:

UHF - Channel Master 7' parabolic, AC-4990 preamplifier, .412 hard line, Zenith System III. VHF - 10 element channel 2-6 yagi.

August 1989		31 tr 0056 WATL 36 GA 696
2 tr 0145 KVRR 15(MN) 449	0127 @WVFT 27 VA 634	0101 WVEU 69 GA 698
0202 K24AE 24 MN 370	0229 WJET 24 PA 479	0133 WETO 39 TN 602
(Alexandira KSAX-42)	0211 &CBCE 16 ON	015 0 WMTTt 28 TN
0222 K26AC 26 MN 410	0216 WETO 39 TN 602	(Home shopping)
(Bemidji KVRR-15)	WWAT 53 OH 404	0212 <u>WTBS</u> 17 GA 696
0240 K14AD 14 MN 315	0241 WDLI 17 OH 444	0228 WLCNt 19 KY
(Willmar KSTP- 5)	0250 WSFJ 51 OH 420	(See Note # 3)
0322-0354 unids from	6 Es 1139 KDFW 4 TX 834	0404 WSFJ 51 OH 420
Iron Mountain,	1145 KJRH 2 OK 591	0408 @WKYT 27 KY 435
Crystal Falls 30	10 tr 0900 WLKT 62 KY 435	0432 @WTVQ 36 KY 435
35,43,47,56,59,	0915 <u>W68BR</u> 68 IL <u>55</u>	0430 & <i>WTCIt 45 TN</i>
61,63,65, & 67	(Rockford WCFC-38)	(Resolution TP)
<u>W30AK</u> 30 MI <u>200</u>	(See Note # 2)	(O beat - WRGT)
(Iron Mtn WLUK-11)	18 Es 1100 WPBT 2 FL 1291	unid channel 43
<u>W35AK</u> 35 MI <u>200</u>	1200 WBRZ 2 LA 888	(O beat - WKOI)
(Iron Mtn WTBS 17)	30 tr 0120 WTVQ 36 KY 435	0446 WLEX 18 KY 435
(See Note # 1)	0122 WUAB 43 OH 409	0505 CWBNX 55 OH 416
0400 KDSD 16 SD 443	31 tr 0032 WGRB 34 KY 460	0521 Cleveland 19,43,
0430 KDEB 27 MO 447	0032 WDKY 56 KY 441	and 61 410
3 tr 0107 Cleveland 19,43,	0051 unid 57 TBN 160°	0602 WYMT 57 KY 522
and 61 410	0056 WGNX 46 GA 696	0608 WKLE 46 KY 435

- Note # 1 I was in no mood to figure out what all I was seeing. Some of these channels were scrambled, but then again at times they were not. Sometimes channel 59 had WGN scrambled, but when I would check back it would have 3/4 color bars. Channel 67 was not scrambled, but had the South Dakota Public Television's Overnight Service! The Overnight Service was also seen on channel 61 for awhile; then 3/4 color bars popped on both on channel 61 and channel 65. Channel 56 had WCIU-26 from Chicago. Probably normally WGBA-26.
- Note # 2 W68BR uses video tapes for programming. They are not off air. While cueing up a tape the other morning they must have hit the "on screen programming" button. I noted the familiar feature as the same as my own Zenith VHS recorder. They do not use translator calls.
- Note # 3 With regard to tentative WLCN-19 was off frequency. Produced zero beat to WXIX-19 and drifted at random.

I noticed that W36AO in Palatine and W22AJ in Waukegan are Video Jukeboxes. Each request costs \$2.50 on your phone bill. Rap videos are popular on the Palatine station.

I know I always complain about August DX. I always expect so much. Maybe September will be a zinger.

Congratulations to Jeff Kadet for his 1000th TV station. Where will it all end? 73

(I think your TBN on channel 57 is most likely W57AO, Robinson, Illinois. Also, with regard to W68BR, I am quite surprised to hear that it is not operated as a translator with WCFC-38's grade B contour so close to Rockford. I am even more surprised that, if it is locally programmed, they do not do local ID's. fm)

Jeff	Kadet,	Box 2	0, M	acomb	IL 6	145	5	(309)-83	3-18	09								CDT
	<u>Equir</u>	ment:	See	Sep	tembe	r	198	9 We	stern T	V-D>	(
July	1989					3	Es	1123	WTVJ	4	FL		18	Es	1725	WCBSt	: 2	NY	
31 Es	0830	WMAR	2 1	H D				1128	WPBT	2	FL					KNAZt	2	AZ	
		WPTV	5 1					1200	WPTV	5	_				2100	CBLN4	45	ON	
		WTVY	4						WUFT	5	_				0900	St. J			U's
		LVTW	4 1						WESH	2					2200	WBRZ		LA	
		WCTV	6 (WCPX	6					2100	KIII	_	ΤX	
		WUFT	5 1					1300	WWL	4			23	Es	1915	CKCK		SK	
		WCIX	6 (-				1330		2						CKND2		MB	
	1130	KNMZ	2 !						KENS		ΤX					CFACt	-	AB	
	•	KNME	5 1					1334	WBRZ	2					2000	KRTV		MT	
	1200	KOB KNAZ	4 1					1400	XHPNt KATC	<i>3</i>					0025	CBC E			4-6
	1800	WBRZ	2 1						KMID	2					2035 2140	KOAA KGWL		CO WY	
	1000	HONZ	٠ ،	-^				1416	KMOL	4					2140	KCWC		WY	
August	t 1989							1430	KOTN	2.					2300	KUTV		UT	
2 tr	0156	K45AR	45 I	4N 4	55			1500		2					2300	KSL	_	UT	
		e Bend		-Spa					KENW	3			24	Es	2030	XEPM		CH.	
		K36AA							KDBC	4					1900	WKTV		NY	
		andria		ARE-1		4	Ēs	0630	KIII	3					1650	KPRC		TX	
		K14AD							KGBT	4					2025	K69FN			125
	(Will	mar	K	STP-	5)			0800	WBRZt	2	LA					Louis			PTV)
	0209	KVRR	15 I	ND <u>5</u>	39				KPRC	2	TΧ					(Test	w/1	D'd	TP)
	0230	K28BT	28 1	4N 4	35			0815	e CJBR	2 1	PQ					W54AE	54	KY	265
		andria		TN-2	9)				unid			bars			(Pad	ucah		L	PTV)
	0246	K50AG	50 F	4N <u>3</u> :	95			0827	&CBFT	2						(See			
	(Will			ARE-1	1)				("Mon	trea	1"	TP)	30	tr	0037	=WYMT	57	ΚY	450
	0300	KFME	13 1		<u>56</u>			0832	e CFRS	4						K31BW	31		325
		K54AT			40			0846				ad			(Law	rence			TBN)
	(Brai			/RR-1				0900		3 1						K21AP	21		
		K65DT						0930	CBFAT	5 1		\			(Top				TBN)
	(Walk			/RR-1	5)				("Mon			TP)				W36AK			
		K67BW			۵١			0933	KWGN	2 (hville			TBN)
	(<i>Red</i> 0700			CCW-1.	40		г.	0956 0805	KOAA KTVQ	5 (W62			• • •
	2147	KAWB W65BN			<u>40</u> 95	0	ES	UBUS		2 1					(Unki				- 3)
	(Iron			IV-TNI					KXLF KTVM	6 1					0342	WTSF K39AJ			404
	(1,011	W68BS						0045	eKCWC-	4 1					(Male		39		TBN)
	(Gree		VO +	TBS				0343	KTWO	2 1					(ma ii	unid	ch 3		
	(4.00	K69BA	60 h					0955	KAVE	6 1					0413	W65BF			
	(Iron	Mtn S						1000	KTXT	5 1		778			(Memi		•••		TBN)
		CBLFT							KENW	3 1					(110111)	unid	ch 3		
	2300	W68BR			50			1011	KIDY	6						(E of			
	(Rock			FC-38	8)			1030	KTVX	4 (JΤ				0445	ew PGH			
		CBLN3	64 C	N 4	<u>55</u>			1055	KREX	5 (00					&WYTV	33	OH	510
	2348	WPGH	53 F	A 50	60				KREG	3 (00					(Roun			
3 tr		CBLN2			66			1100	KDBC		ΓX					<u>K67</u>	67	??	west
f 1.1 3	0040	kCICO28							XEJ t	5					(Unkı				ica)
3.11		WNYB			30			1120	XEPM	2 (0920	WSBN			
1.7			40 C		05			1130	XHIT	4 ((In a	11_d	lay	long
		CIII1			77			1200	KVOA	4 /						unde			
		CBLN4							KTVK	3 /	-				1706	WJFB			
		CITY2			25				KNME	5 1					4000	(The			
		CKC03			55			4007	KUAT	6 /					1803	WATL	36		577
		CICO59				7	Ee	1227 1025	KPHO CFAP	5 /						WGNX			577
		CBLFT						2050	WPBTt	2					1910	WFLI	53		492
		CBLFT				3	LJ	2000	WESHt	2					1816 1845	WBGYt WTCI		<i>TN</i> TN	467
	0215	CKCO	13 0			2	Fs	1900	KMID	2 1	_				1043	WDSI	61		467
	0441 (27 0					0300	Detro			s				WLJT		KY	40 <i>1</i> 424
÷ .		WFMJ	21 0		10	-	٠,		CKC03			-				WVEU		GA	577
		RWYTV	33 0		10		Es	1350	WEAR	3 !					2130	WYEU	28		415
	•	(Round							WTVY	4 /						=WCTE	22		415
	0502	WBNX			76			1500	WESH	2 1			31		0129	unid			
1		(Over						1725	WMAR	2 1			•			(S of			
Es		XEFB	2 N	IL.					WEDU	3 1	EL				0139	@WPGH	53		560
	1100	WEDU	3 F	L					WUFT	5 1	۲					=WOAC	67		493

Western TV-DX

Note - W54AE - General Manager <u>pleading</u> for viewers to write to cable company to put them on or they will have to go silent.

The channel 65 TBN in Memphis was station \$1000 logged since moving to Macomb in July 1983. Best catches are probably four Colorado translators, K48AJ, K53AD, K57AM, and K59AP, all at about 625 miles, seen on August 22, 1984. Ever since seeing WTAO-56 on a neighbor's TV set in Boston in the early 50's and thinking "Gee, that's strange, here is a local TV station nobody knows about", I've been fascinated by TV. On my 7th birthday in 1955, I got a Brownie camera and filled up an entire roll of film with unusual TV antennas atop houses in the neighborhood – still have 'em, too.

I've been a ham for 30 years and have dabbled in most other types of DX'ing and none of them approach TV DX'ing for it's sophistication, challenge, beauty, and more than enough frustration. It is DX you can see as well as hear. I wouldn't dream of DX'ing without a camera ready at all times. Besides serving as verification, there is something ethereal about catching these brief moments in time and being able to look at them later.

Totals break down as follows (note: I do not count call letter changes unless an LPTV/translator mutates into a four letter station, i.e. W39AB into WETO. If an LPTV becomes a translator or visa-versa it is considered to be only one station.) Station total-1008. 45 States, 7 provinces, 8 Mexican states, and Cuba. Canadians - 82 (27 by tropo), Mexicans - 18. E skip - channel 2 - 51, channel 3 - 48, channel 4 - 44, channel 5 - 44, and channel 6 - 32. Total E skip - 219. LPTV/translators - 170. UHF stations including LPTV/translators - 584. Stations photographed - around 700.

More info on the Manito, Illinois pirate, 47 miles east of here. The sheriff of Manito is broadcasting the bulletin board, with local events, from his house on channel 14. He is shooting it four blocks to the cable head-end where they put it on Manito cable channel 11. This info came from a Cass Cable Company technician. He says that it has been on for three years. I'm getting it about 2-3 times a week on the new dish. My guess is that he's using about 5-10 Watts. I don't think a small town Illinois sheriff wants to be hassled by a TV DX'er over the telephone, but I may drive out there one of these days.

These TBN translators are like self-perpetuating gnats, popping up all over the place. The non-Id'ing channels 35 and 39 are new ones, where ever they may be from... I doubt if needed channel 62 in Lexington, Kentucky is still on. Not a trace of them unless they have limited hours. The CBFAT-5 E skip catch is listed as 665 Watts in the Database.

I finally got the R-7000 back from being "repaired." The radio, which I got used, worked fine for two weeks then died repeatedly after being on a few minutes. It was sent to a SWL dealer for repair and modification, but they said it had a faulty PLL and had to be sent back to Icom first. Today (09/01), I got the R-7000 back from Icom, no charge, saying the radio works fine and is up to specs (.3 uv FM written in). Go figure... (no doubt it will die during the peak of F2 this winter.)

Lastly, here are two suggestions for the next Database and LPTV/Translator Guide: (1) put the Canadians, Mexicans, Cubans, etc. on the same pages as the U.S. channel listings, like the Vane Jones Log did. It's a <u>supreme hassle</u> flipping pages during openings. (2) put the names of the STATES at the top of each page in the LPTV/Translator Guide like they do in the phone book with names. This will eliminate constant referral to the table of contents page during openings. 73.

(Here are some thoughts on some of your unids: TBN on channel 35 from east of St. Louis - W35AH, Jackson, Tennessee; TBN on channel 39 from the south - K39CP, Poplar Bluff, Missouri; Hit Video USA from the Kingsport area on channel 51 - W51AU, Greeneville, Tennessee (WKPT-19); WREG-3 on channel 62 - K62DA, Malden, Missouri; and Channel America on channel 67 from due west - K67CV, Lincoln, Nebraksa. What do you think? Regarding WLKT-62, it reportedly went dark on July 7, 1989. fm)

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509

PDT

Equipment: See August 1989 Western TV-DX

Ouch, how time flies! Here it is September, and I haven't finished off July. So here it is: nothing spectacular, but a number of openings noted in the second half of

John Jefferson (continued)
July and through most of August. Strangest were July 18th and 24th, when initially there was hardly anything on the lowband, but the FM was active! The July 18th event is understandable: the opening was into central Minnesota, at extreme range and almost behind the Walnut Grove tower (with channels 3, 6, 10, 13, 40, and 58 at some 15 miles). But July 24th, it was Oklahoma and that's not heavily blocked. Guess there's no channel 2 or 4 near enough to Poteau to show up in that one. The skip finally died after August 25th with only a weak opening since then.

As always, new are underlined - * means new to Antioch

July 1989	29 Es 1629 KACV 2 TX 1110	14 Es 1859 XHCH 2 CH 1135
19 Es 1811 XHBSt 4 SI		2059 XHCH 2 CH 1135
(+ offset)	August 1989	15 Es 1859 KACV 2 TX 1110
1830 KMID 2 TX 1175	6 Es 2026 *KUSD 2 SD 1345	2128 =KACV 2 TX 1110
22 Es 1400 KMID 2 TX 1175	2059 KNOP 2 NE 1110	2203 KAMR 4 TX 1110
1458 KACV 2 TX 1110	7 Es 2100 KMID 2 TX 1175	2212 KNMŽt 2 NM HSN
1659 KTXT 5 TX 1150	unid channel 3	2230 KAMR 4 TX 1110
23 Es 0930 KNOP 2 NE 1110	(KCRA off)	16 Es 0659 KMIDt 2 TX
1059 XEPMt 2 CH XEW	2111 KDBC 4 TX 970	18 Es 2005 KSNC 2 KS 1255

A real pleasure to ID XHCH. I've seen their logo before, but never could read it. The calls are angled slightly and fairly small, with a line extending across the screen both ways from the base of the letters. The screen is otherwise blank. Apparently, with a little blurring the calls look like KHON, which would be a nice catch. Don't think I'd see them to the ese, though.

Here's the MUF breakdown:

DATE	MUF	TIME	DATE	MUF	TIME	DA	TE	MUF	TIME	DATE	MUF	IIME
	2	2135	07/26	4	1258	08	70 6	106.7	1217		2	1323
07/18	94.9	1923	07/28	2	0630	08	/07	5	2111	08/21	4	2220
07/19	98.7	1752	07/29	107.7	1855	08	/14	98.7	2001	08/22	91.7	0739
07/22	107.5	1819	07/30	2	0909	08	/15	4	2153	08/23	4	2027
07/23	98.7	0947	08/01	92.3	1924	08	/16	5	0906	08/24	2	0748
07/24	107.3	0730	08/03	107.7	0806	08	/18	107.1	2128	08/25	2	2011
07/25	3	0856	08/05	2	1016	08	/19	2	0950	09/01	2	0722

I notice that a lot of reporters have had poor seasons. Hope July and August were better than June for everyone. Sure can't complain here! To date, 91 days with skip, beating prior full-year best (79 in 1982) with ease. Some of those would likely have been missed in Pleasanton, as they were too weak to get through KTVU and probably never reached channel 3. But 36 made it into the FM, where the two sites are about even, and that ties 1981's record there. Three new TV loggings, all on channel 2, doesn't sound like much for the season, but the 1985-1988 combined produced only 2! The remaining targets are mostly unlogged for a good reason - microscopic ID, low power, lousy direction, too close, too distant, etc.

Jeff Kruszka, 5855 Walnut Creek Rd, Apt. A-105, River Ridge LA 70123

CDT

Equipment:

Sylvania 12" black and white, quad loops cut for channels 2-6, Radio Shack U-75 corner yagi.

40.3 °	
August	1989
2 tr (1600

2 tr 0600	<u>WFSU</u> 11 FL 334	2 Es 1830 unid ch 3 Mexico	3 tr 0549 @WJTC 44(AL) 163
60	WJTV 12 MS 159		0600 unid ch 40 ABC
0623	<u>WSFA</u> 12 AL <u>276</u>	3 tr 0542 <u>KTVE</u> 10 AR <u>247</u>	unid channel 54
្នុះ Es 1759	unid ch 3 ABC	<u>€KLRT</u> 16 AR <u>361</u>	0617 <u>KTHV</u> 11 AR <u>361</u>
	unid ch 2 Mexico	0546 e<u>kmss</u> 33 la <u>290</u>	0624 WDBD 40 MS 162

Note - Show where announcer sits on right, puppet on left - carry on dialogue in between cartoons. I've seen this a couple of times now.

Almost could have fit my report on a postcard this month. If it weren't for E skip on the 2nd (and also the multitude of E skip I saw at the convention in Syracuse), this might have been the first skip-less August ever for me. Very strange - I would have expected nearly diurnal E skip to Mexico about now. The convention was great - the DX (Dakotas, Maritimes) was exciting and kept everyone busy.

CDT

Equipment: Channel Master 1110 Quantum with Channel Master 0064C preamplifier and

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

	04 A 0004 WHD IT - FO HT - 074	
June 1989	21 tr 0624 %WDJ1 58 W1 2/1	August 1989
11 Es 0132 &CBFT2 3 PQ 799	(Sign-on € 0630)	1 tr 2220 KMC1 38 KS 473
0208 <u>WBZ</u> 4 MA <u>1068</u>	0638 WWTOt 35 IL	2221 KZKC 62 MO 451
<u>WTVH</u> 5 NY <u>818</u>	0646 WLUK 11 WI 221	KYFC 50 MO 455
0239 KYW 3 PA 939	(Over KARE-11)	KSHB 41 MO 453
15 tr 0200 = <u>W27AU</u> 27 WI <u>133</u>	0647 W16AC 16 WI 161	KCPT 19 MO 451
(Wausau WJFW-12)	(Land O'Lakes Starion)	KTAJ 16 MO 416
17 Es 0137 <i>CFACt 2 AB</i>	0704 KTKA 49 KS 478	2237 KSNT 27 KS 471
0141 WBRZ 2 LA 1046	0705 KYFC 50 MO 455	KTKA 49 KS 478
21 tr 0038 KSNT 27 KS 471	0755 W64AU 64 WI 155	2251 KCAU 9 IA 276
0103 KZKC 62 MO 451	(Adams WHRM-20)	2257 KCAN 8 NE 380
0104 KSHB 41 MO 453	20 Es 0135 CKSA 2 AB 967	2 tr 0018 KSPR 33 MO 567
0106 KTAJ 16 MO 416	CFRN 3 AB 1086	0037 KMIZ 17 MO 458
KSNFt 16 MO	0136 unid channel 3	(Color wx radar)
(See Note # 1)	0146 unids chs 4, 6	KDSM 17 IA 257
0115 KDEB 27 MO 568		0050 WICS 20 IL 413
0120 KMBCt 9 MO	July 1989	0116 WDAY 6 ND 261
0142 KNLJ 25 MO 463	5 Es 1801 WLNE 6(RI)1087	0123 K45AR 45 MN 144
KMCI 38 KS 473	(New State # 39)	(Eagle Bend C-Span)
0146 KOLR 10 MO 567	WFSB 3 CT 1005	0142 WJMN 3 MN 262
0206 KWQC 6 IA 281	1809 WTVHt 5 NY	0201 KFME 13 ND 260
0220 @WQAD 8 IL 298	1811 WCVB 5 MA 1068	0221 WOWT 6 NE 340
0221 & <i>KJMHt 26 IA</i>	1816 unid ch 6 NBC	0222 @CHMI 13 MB 388
0308 KOTV 6 OK 672	1818 WSTMt 3 NY	(Province # 5)
(See Note # 2)	1822 WBZ 4 MA 1068	0239 WISN 12 WI 267
0313 @KJMH 26 IA 322	1823 WKTV 2 NY 872	0256 KNRR 12 ND 346
0316 WIFR 23 IL 265	1825 WGBH 2 MA 1068	0306 WIFR 23 IL 265
KDNI 30 MO 482	6 Es 1834 unid channel 3	WCTU 26 IL 336
KNLC 24 MO 495	7 tr 0313 unid ch 60 relig	(EE programming)
0317 WTJR 16 TL 378	0314 KJMHt 26 TA	Plus Chicago's
0322 WCIU 26 IL 336	0315 KCRG 9 TA 214	32.38.50.66
0323 WELD 32 IL 336	(Over KMSP- 9)	0308 KNLJ 25 MO 463
WCFC 38 TL 336	0327 KUSD 2 SD 317	0310 WITE 6 WE 270
WPWR 50(TL) 336	(W/FF nam-Reware)	0315 WSRT 22 IN 401
WORD SS TI 366	11 Fe 2231 KWCN 2 CO 766	0318 AWOTV 8 MT 384
0325 WEHS 60 TL 336	13 tr 0017 K58CM 58 MN 96	0310 ENOTE O M2 304
0327 WOT 5 TA 257	(Ouluth TRN)	0320 WTCT 27 TI 568
(Under KSTP- 5)	WISAC 16 WT 161	KNIC 24 MO 495
0351 WISN 12 WT 267	0112 W57AP 57 WT 140	0431 &CRI FT18 12 ON262
0357 WISH 12 WI 207	(Savner WSAW- 7)	0445 MHI HC 6 MT 223
0403 WSRT 22 TN 401	0117 W27AH 27 WT 123	0450 WIS 7 TI 336
DADA WHAE AS IN ADA	18 Fe 2337 KTVK 3 A7 1341	₩77M 12 MT 346
0406 &KOCP 28 TA 228	10 Es 2007 KIVK 3 MZ 1047	0531 &CKPP 2 ON 263
0434 ANDAE 4 NO 453	0141 KRCT 2 TR 1175	0531 GONT 2 DN 263
(Under WCCO- 4)	0141 RB01 2 15 1113	(linder WCCO- 4)
- 0442 KGMC 34 OK 722	21 tr 0114 K26CS 26 MN 145	1601 Chicago IHF's
0457 KDOR 17 OK 641	(St James Travel Ch)	1633 WMVS 10 WT 269
0500 unid channel 32	K38CD 28 MN 145	1707 WVCV 20 WT 269
●KCPT 10 MA 451	(St James PED-TV)	3 Fe 1500 KTTT 3 TY 1961
0504 AKOKU 25 OK 724	(SC. James RED-14)	S ES 1500 KIII 3 1/ 1201
0505 AKMOO 0 MO 451	(Ct lamps Eamily Ch)	1505 KMOL 4 TV 1160
(linder KMCD 0)	(SC. James Family UN)	1600 KENY 2 TV 962
OSOR KESRUES TA 247	n to Abrulus ages (Ct. Lampe u/unit 14)	1614 KAPR 3 TV 1040
(Amae TOU)	(Oc. James W/Unia-2)	1614 NACE 3 IN 1049
0518 KAUT+ 42 CV	(FI HMGI Y NICATZ OFT)	1010 NOEDE 3 UN
0546 AKOTA 16 TA 207	40 L3 2239 NFRU 2 IX 1109	1024 WEAR 3(ML)1002
0550 BKSDD 22 MA 567	2054 MTOT 27 TL 500	1659 WDDA A TV 1100
0550 WASTE 33 MU 30/	2434 WILL 21 IL 508	15 Co 0022 OCAO 0 AD 4001
("KO2" KTCA_C	72 FL 0001 BUTTH 15 TV 522	OEDN 3 AD 1001
2 minutes 1040m	(Nov. State # 40)	0027 upid change? 4
0559 OKITN 12 TA 250	21 tr 0624 XMDJT 58 WI 271 (Sign—on ● 0630) 0638 MWTOT 35 IL 0646 WLUK 11 WI 221 (Over KARE—11) 0647 W16AC 16 WI 161 (Land 0°Lakes Starion) 0704 KTKA 49 KS 478 0705 KYFC 50 MO 455 0755 W64AU 64 WI 155 (Adams WHRM—20) 20 Es 0135 CKSA 2 AB 967 CFRN 3 AB 1086 0136 Unid channel 3 0146 Unid channel 3 0146 Unid channel 3 WFSB 3 CT 1005 1809 WFSB 3 CT 1005 1809 WFSB 3 CT 1005 1818 WSTMT 3 NY 1821 WBZ 4 MA 1068 1818 WSTMT 3 NY 1822 WBZ 4 MA 1068 1823 WKTY 2 NY 872 1825 WGBH 2 MA 1068 6 Es 1834 Unid channel 3 7 tr 0313 Unid ch 60 relig 0314 KJMHT 26 IA 0315 KCRG 9 IA 214 (Over KMSP—9) 0327 KUSD 2 SD 317 (W/FF pgm—Beware) 11 Es 2311 KWGN 2 CO 766 13 tr 0017 K58CM 58 NN 96 (Duluth TBN) W16AC 16 WI 161 0112 WSTAR 57 WI 140 (Sayner WSAW—7) 0117 W27AU 27 WI 133 18 Es 2337 KTVK 3 AZ 1341 19 Es 0008 KYBC 3 NV 1350 0141 KBCI 2 ID 1175 0215 CKCKT 2 SK 21 tr 0114 K26CS 26 MN 145 (St. James FRD—TV) K46BU 40 MN 145 (St. James FRD—TV) K46BU 40 MN 145 (St. James W/unid—2) (Primary KTCA—2 off) 28 Es 2239 KPRC 2 TX 1109 tr 2253 WICS 2 0 IL 413 2254 WTCZ 2 TZ 150 0006 KDNL 30 MO 482 0010 KLJB 18(IL) 298	JUST Unite Channel 4
21 tr 0602 e KDIN 11 IA 257	0000 NUNL 30 MO 482	Continued on next page
4005 AUDIN 11 TH 531	0010 MEDR 19(TE) 588	Continued on next page

Michael Parks (continued)

Western TV-DX

Note # 1 - These two stations were carrying on a war with each other, first one taking its turn at dominating the channel for 30 seconds or so, then giving in to the other. After about a half-hour of this slug-fest, KTAJ finally came up the winner.

Note # 2 - This broke my distance record for VHF via tropo. The old record was held by KWCH-12, Wichita.

A watched pot never boils and a watched for DX target will never appear. Winnipeg has evaded me for years and the minute I forgot to even check for it, it snuck up and bit me. While watching KFME-13, Fargo, another station with test pattern began to cause Interference which progressively worsened. After waiting 10 to 15 minutes, it suddenly shot in with a near snow free picture and there in the lower right corner was "MTN/CHMI." There was no sign of the other Winnipeg stations though.

Despite K58CM's antenna being mounted too close to the tower, when it wants to get out it DOES. On July 13, they were in here with strength equal to, if not greater, than the full power VHF's. K58CM was in again the next night with reduced signal strength. It looked like it might become a regular, but it hasn't been seen since except for occasional light CCI against K58BS.

73. Mike

Randy Miltier, 1068 Fairview Avenue, San Jose CA 95125 (N6HMO)

PDT

1989 Zenith 27", Zenith VCR, Channel Master Quantum 1160A VHF/UHF antenna @ 50 ft. Alliance rotor.

August 1989	1				
4 Es 1030	KLNE 3 NE 1225	6 Es 1230	KVIO 6 NM 1048	22 Es 0730	KTVK 3 AZ 620
1059	KBSD 6 KS 1182	1242	unid ch 5 NBC	0757	XEPM 2 CH 960
1100	KSRE 6 NO 1275		unid channel 4	0758	KUAT 6 AZ 719
	unid channel 3	1400	KTWO 2 WY 905	0805	KVOAt 4 AZ
1137	KXMA 2 ND 1169	1529	KXMA 2 ND 1169	0812	KPHOt 5 AZ
1223	CFACt 2 AB	17 Es 1736	unid ch 3 ABC	0925	KNMZ 2 NM 861
1232		1807	CFAC 2 AB 1023	2135	CFAC 2 AB 1023
6 Es 1157	KNMZ 2 NM 861	18 Es 2157	KXMA 2 ND 1169	23 Es 1825	CCI on chs 2, 3
1200	KACV 2 TX 1125	2248	unid ch 3 CBS	24 Es 1703	unid ch 3 PBS
1201	KENW 3 NM 1060	2254	KMID 2 TX 1170	1758	unid ch 2 CBS

I was hoping August would be a good month for E skip since it got a late start, but it didn't pan out. There was a surprise opening into Phoenix-Tucson area on August 22nd with KTVK-3 in solid for about an hour. Also had KUAT-6 and others, but KTVK dominated. An unusual opening for this location with the short distance of 620 miles to Phoenix... ya just never know.

I bought a 6 meter radio and have been having fun with it in between ID's on TV. I went back to the 27 inch Zenith for DX. The 19 inch was too inconvenient with a manual tuner... spoiled or what? Verification in from KIDY-6. Jeff Kruszka, good luck in New Orleans. Until next time, 73

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CDT

August 1989 14 AE 2350 CFAC 2 AB 840 (MUF 96.1 € 2353- WA) 15 AE 0007 KFBB 5 MT 680	(KXJB-4 off air) 0220 (MUF 107.7) 0225 <u>KXLY</u> 4 WA <u>950</u>	0500 fade out 0726 WUFT 5 FL 1415
0026 <u>CBVT2</u> 3 PQ <u>1125</u> 0035 CBFT 2 PQ 1110	0243 <u>CHEK</u> 6 BC <u>1225</u> (MUF 106.5 @ 0258- WA)	0728 WEAR 3(AL)1225 (MUF 88.1 € 0729- FL)
0037 =CBVD 5 PQ 870	0301 KING 5 WA 1195	Es 1200 unid ch 3 ABC
0056 CKVR 3 ON 840		23 tr 0547 WLEF 36 WI 315
0102 =WSTM 3 NY 1045	0323 KOMO 4 WA 1195	Es (MUF 88.3 @ 1957- LA)
0103 CKCO2 2 ON 765	0329 KREM 2 WA 960	
0113 WTVH 5 NY 1045	18 AE 0409 WTVY 4(FL)1240	
(MUF 95.9 € 0129- AB)	(KXJB-4 off air)	
0130 CFAC 2 AB 840	0420 (MUF 107.9)	24 Es 0028 KLEW 3(WA) 960
(Tonight Show)	<u>WBRC</u> 6 AL <u>1060</u>	0032 KATU 2 OR 1240
0139 <u>CHKM</u> 6 BC <u>1100</u>	(WDAY-6 off air)	
(WDAY-6 off air)	0431 @WEAR 3(AL)1225	More loggings - but no room!

SOUTHERN FM DX

Danny Buntin 1312 N. Skyline Stillwater, OK 74075

DEADLINE: 10th

JULY'S ES COVERAGE CONT...

This month presents a further look on how strong the Es came on during July. August 18th mas a good day for Es. The ms didn't amount to much for DXing this Aug. for most DXers. A NEW YORK CITY AREA TEST CHALLENGES THE TX900

Now turning to tuners, Bill Mienajadly kindly offers his comments on the Yamaha TX900 tuner: "Bill Kretschmer kindly brought over his tuner on a visit here. We hooked it up to a GFM 6 antenna with rotor. Here 12 miles from NYC we were able to get adjacents like WWRX 103.7 RI, WDAS 105.3 PA, WSTW 93.7, WMMR 93.3, WMGS 92.9. What is really significant about this tuner is the selling price, \$400 approx! This tuner has super narrow, fine tuning, you can off tune like 92.895 etc. It does have presets too! But so far I was able to tell this tuner is better than the Carver TX-11 and close to the Onkyo. Yes, on certain channels there was some spillover from NYC like 92.1, 98.5 but 94.9, 97.3 were unusable. We were able to get 107.3 WRQX.a tough one + 100.9 there was a trace of something, too. I would say this tuner is very close to Onkyo for a lot less. I wouldn't know how this tuner would work in Washington, DC, but this tuner should be on the best 5 list. In fact, I'm thinking of purchasing it, too!" [SFM editor's note: Thanks for your comments. A better test to determine just how good a certain tuner's adjacent channel selectivity is would be to attempt to tune in a far distant class A signal wedged between two signals of moderate or better strength. Good tuners from the past can tune next to locals as in the Pioneer TX-9100, but fail when faced with the tuning situation just mentioned. A top 5 list of the best current tuners would certainly be helpful for anyone in the market for a better DX receiver, such as a new member just recently enthused about FM DXing but who is getting frustrated from not being able to tune in much of anything next to locals and/or has trouble with poor local overload rejection, in which the locals repeat themselves or sound mixed together over many otherwise empty parts of the band and so shutting out hopes of DX. As is evidenced from the occasional complaints in the VUD about the disappointing performance of certain receivers. Diers can use a little guidance in uncovering the few gems that lay hidden in the stockpiles of junk that so dominates the market. Selection should be confined to tuners as this is where DX performance is concentrated. Forget stereo recaivers (where the tuner is combined with the power amp in one unit) since makers are more concerned about packing more power in the amp part as the price goes up rather than giving much added attention to the FM. As a case in point, the FM specs, for Radio Shack's latest stereo receivers look little better than what's found in a typical car FM. And Radio Shack charges up to \$550 for such modest quality. Let the non-DXer who is only concerned about a few locals revel in such quality. So DXer buyer beware. After all, it's your money and your hobby. Here is my suggestions for the top 5 best tuners based on favorable comments about them from past VUD's: (All tuners had to be new, no discontinued ones.)

- 1. Onkyo T-G10 It is practically identical to the T9090 II in appearance and specs. Onkyo's adjacent channel rating is a lofty 45 db, virtually confirmed in an April High Fidelity test. While no tuner is likely to be overload proof this one should be able to handle the locals without repeating them too much. \$800
- Harmon Kardon 920 Adj. selectivity tested out at 41.5 db. Little has been revealed about its overload rejection ability. Only \$350
- 3. Denon TU 800 Praised by two Diers living in or near large metro areas. \$450??
- 4. Yamaha TX900 Another tuner used in large metro areas without much complaint. \$400. (Overload rejection ability may be questionable.)
- 5. Carver TX 11(or 11a with am) While likely not quite as selective as the above, it's special circuitry for quieting down the stereo hiss from fringe stations may appeal to some. Around \$600 or \$700.

The above tuners are not cheap, but at least they offer a lot of quality for the money of the type one may feel satisfied with for many years. To take the long term perspective look at the cost, the Harmon Kardon if used for 15 years works out only costing about \$23 a year. So set your sights on the best, if you need to, and good DXing! DB]

Fred Laun, K3ZO, 5801 Huntland Rd., Temple Hills, MD 20748

The wife and I were on the way back from visiting friends in West Virginia when we noticed an Es opening on the car radio August 18. So here is what we heard as we travelled between Winchester and Warrenton, VA, 8/18-89 EDST Honda car radio with whip antennas

1005 KKTX 96.1 TX Kilgore 1008 KLTY 94.1 TX 1012 KTYL 93.1 TX Tyler

1012 KITY 92.9 TX San Antonio. "Power 93" 1014 KWKH 94.5 LA Shreveport, "Radio Ranch" 1102 KBHT 93.5 TX Crockett

73, Fred

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Ath Pugh, 227 Martin St., New Hope, AL
   18 Es (CONT. FROM LAST MONTH)
                                                 7/22 Es
   00 XHRP 94.7 COA Saltillo. city ID
                                                 1156 KGCH 93.1 Mt Sidney, ID
                                                1159 unID 94.9 "Radio Tobasco", many ments.
  100 XHOC 93.5 COA "
                              "."Estereo
  "teltillo"
                                                 of Nicaragua, SS. $
 1655 XHSP 99.7 NL Monterrey, city ID
                                                7/23 Es
0936 KHIH 94.7 CO Boulder, "k-Hi"
 1656 XHRL 98.1 NL Mont, "Estereo Requerdo"
                                                 0956 KIKX 102.7 CO Manitou Springs, ad
  city ID
658 XHIL 101.3 NL " ",r,$,"Radio Rejol"? 0958 KAZY 106.7 CO Denver, ID 1025 KGNU 88.5 CO Boulder, Mov 705 XHMC 102.9 NL " ", ID, various slogans 1039 KUNC 91.5 CO Greeley, ID
                                                 1025 KGNU 88.5 CO Boulder, Movie promos
 "Radio Alamea", "Radio Informo". "Radio
                                                 1043 KTAK 93.9 WY Riverton, "Big-94", ID
  Activa"
                                                 1103 KCWC 88.1 WY Riverton, ID
                                                 1107 KDLY 97.5 WY Lander, r. ID
 2/22 Es
 1029 KOSK 97.5 NE Chadron, ads
                                                 7/25 Es
 1039 WTBX 93.9 MN Hibbing, ID
                                                 1029 CFOR 92.5 PQ Montreal
                                                 1030 WAIR 92.5 MI Atlanta, rm. "W-AIR"
 1048 KEZV 101.1 SD Spearfish, ads
 1056 KKMK 93.9 SD Rapid City, Magic 93.9
                                                 1039 KLYT 88.3 NM Albuquerque
 1058 KRCS 93.1 SD Sturgis
                                                 1215 KKJY 100.3 NM Albuquerque, b.K-Joy 100.3
                                                 1220 KVIA 93.9 TX El Paso, "V-94 FM"
 1101 KINI 96.1 NE Crookston
                                                 1235 XHGU 105.9 CH Ciudad Juarez
  1114 KLZY 92.5 WY Powell
                                                 7/28 Es
 1129 WWJO 98.1 MN St. Cloud
                                                 2110 KKXL 92.9 ND Grand Forks, XL-93
 1132 CKIS 97.5 MB Winnipeg, "97-Kiss"
                                                 2113 CKX 96.1 MB Brandon, KX-96
 1136 KOLY 99.5 SD Mobridge
                                                2114 KVOX 99.9 MN Moorhead, K-100
  1140 KWOR 96.1 WY Worland, r, ID
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thris Johnson, 6235 Rosewind Ci., Memphis, TN 38115

Quipt.: GE Superadio II, whip antenna

It's been two years since I've reported to SFM DX, but I'm back at it, determined to ereak through that "DX wall" around this area! Or so it seems. I hope to be a regular contributor from now on, and hope to DX as much as possible (Between mowings of my new 4 werr back yard!!) (Now, you sound like a good candidate for better equipment, including an nutdoor antenna! DB)

7/4 Es (time Eastern) 1852 WRCH 100.5 CT New Britain, ID, "Light 100.5. WRCH"

1916 WCMS 100.5 VA Norfolk, ID, ad 1934 WMMR 93.3 PA Philadelphia, ID 7/23 Es 1204 WKOR 96.1 WY Worland. ID "Big Horn Basin"

1900 unID 100.5 "Key 100", ment of NY (?) 1910 unID 100.5 "SL 100"(male)

I have already received QSLs from WCMS and KWOR; each have me bumper stickers, etc. 73.

Greg Hardison, P. O. Box 5396, Mission Hills, CA 91396-0396 All here, heard at Conway Summit, CA--10,000' ASL, about halfway between Reno. NV and Bishop, CA (E. slope of the Sierras) Muipt.: Sony XR-A33 car receiver, built-in whip, All times PDT

948 KLYT 88.3 NM Albuquerque, K-light, psa 1010 KIZZ 93.7 ND Minot, P. Harvey, ad, ID 952 KRST 92.3 NM Albuquerque, ID 1018 KGKL 97.5 TX San Angelo, "19 Tons", ID 1018 unID 97.1 ND? g, KHHT? Minot 1053 unID 93.5 ?? "X-102" obviously xltr--

for KSXY 101.7???(tr or groundwave) 1/4 Es (getting better!) 1952 CITI 92.1 MB Winnipeg, ID, spots, \$

"92 City FM" CHWG 103.1, most in \$!!

958 CKSB8 99.5 MB Brandon, interv. in FF 1800 CKX 96.1 MB Brandon, "KX-96 weather For S. Manitoba..."

\$602 KEYA 88.5 ND Belcourt, ND nx \$004 KMPR 88.9 ND Minot, ND nx 2006 KMHA 91.3 ND New Town, nx on Yupic

theatre, ID, tearing up KNIB, is on air

1016 unID 96.1 ND? aor KYYZ?? Williston 1019 CBWV 97.9 MB Brandon, Canada nx, mono 1023 KIDX 98.5 MT Billings."..downtown Billings", MDT time check 954 quick scan-all Winnipeg FMs, except no 1024 CKSB8 99.5 MB Brandon, FF, overriding "local" circuit on rcvr.; (one could cook an

egg w/signal!? 1024 all Winnipegs gone! ms? 1030 CBWW 105.3 MB Baldy Mtn., Donphin,

assumed, "CBC nx..", fading "ms" like 1042 KRRB 92.1 ND Dickinson,"..in Dickinson." 1044 KYYY? 92.9 ND Bismarch, "Y-93, non-ID

So, FM DX does exist in California, outside the East Bay!

ts Mancuso, 5615 Inwood St., Hyatts, MD 20785

150 WZST 102.7 VA Appomattox, 1cl WXYV letting tubes cool off" on a Sun. night. 8/20 tr 1700 WAAI 100.9 MD Hurlock From Kend Is.. just over(east of) Bay Bridge, within 50 mi. triangle, but not 25 mi. radius.

A couple days later I heard local shock-jock "the Greaseman" taking a call from an Matern shore listener saying a new station has been cutting down their coverage(WWDC 101.1). He proceeded to do a skit in which he took off from an air force jet and fired on, CONT... 29

OCTOBER 1989

2147 KBFM 104.1 TX Edinburg, ad

7/22 Es 1135 KSYY 95.7 CO Denver, calls, Sunny

1148 KEFM 96.1 NE Omaha, "Lite 96"

1148 KSQI 96.1 CO Greeley, "K-Sky"

2156 KQIZ 93.1 TX Amarillo, "Z93"

2205 KKIK 93.7 TX Lubbock, "Kick"

1154 KKAZ 100.7 WY Cheyenne, ID

1137 KTCL 93.3 CO Fort Collins, calls1249

1210 KMOR 92.9 NE Scottsbluff, calls 1206

2206 KLLL 96.3 TX Lubbock, "K-Triple L"

1139 KCSU 90.5 CO Fort Collins, calls 1242

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075 8/18 Es 1531 WLFG 89.3 SC Greenville, ID, g

The cable broke just below the rotor on my antenna, so I expect to be out of much action for a while. Rather than normal wear, the breakage seems to be connected to a thunderstorm setting the rotor into constant motion. Otherwise, I don't know what happened. In the Sept. SFM a page mix up happened. Page 47 should be p. 46 and 46 should be 47.

Jim Pizzi,814 Brookhill, Paso Robles, CA 93446 5/1 Es 7/11 Es 1825 KMGZ 95.3 OK Lawton, Magic 95, ads 0937 KKQV 103.3 TX Wichita Falls. ads 1901 KDEY 94.3 TX Seymour, All new KSEY 0955 KKCC 106.9 OK Clinton, calls 2059 KTEP 88.5 TX El Paso. calls 1000 KRTN 94.3 NM Raton, calls 6/20 Es 7/22 Es 1341 XHFL 90.5 SO Cd. Obregon, ID 1851 KVRP 95.5 TX Haskell, ads 1351 KLPX 96.1 AZ Tucson, ads 96.3 TX Lubbock, ads KLLL 1353 KRQQ 93.7 " 94.5 " KFMX 1354 KJYK 94.9 KRLB 99.5 1354 KIIM 99.5 KSEY 94.3 TX Seymour, ID 1355 KXMG 98.3 AZ Marana, SS. L 1859 WIBW 97.3 KS Topeka, ID 1358 KUAT 90.5 AZ Tucson, c 1900 KIXY 94.7 TX San Angelo, ID, Kixie 1400 KFLR 90.3 AZ Phoenix, ID 1902 KJCK 94.5 KS Junction, ID 6/24 Es 1904 KVCY 101.7 KS Ft. Scott, g 1020 KKRD 107.3 KS Wichita, calls 1904 KHOK 100.7 KS Hoisington, r, ads 1023 KBXR 97.3 OK Weatherford, ads 1909 KZOR 94.1 NM Hobbs, calls 1030 KWBI 91.1 CO Denver, calls 1910 KMTH 98.7 NM Maljamar 1911 KELI 98.7 TX San Angelo, ads 7/8 Es 1116 KLTO 94.7 TX El Paso, ID 1918 KTEO 93.9 TX San Angelo, ads 1117 KLAQ 95.5 " KWMJ 103.3 TX Midland, EL 1119 KBNA 97.5 KEAN 105.1 TX San Angelo. k 1120 KTSM 99.9 1923 KODM 97.9 TX Odessa, FM 98, ads 1139 KWKS 94.3 KS Winfield,r, 94 WKS 1924 KKOW 96.9 KS Pittsburg, tent, 97 Gold FM 1144 KCMI 96.9 NE Terrytown, calls 1929 KGKL 97.5 TX San Angelo 1145 KNEB 94.1 NE Scottsbluff, k 1929 KORQ 100.7 TX Abilene, ads 1145 unID 103.3 "Force 103" KIOL 100.3 TX Lamesa, tent., r 1155 KOSK 97.5 NE Chadron, ads 1932 KFKF 94.1 KS Kansas City KC wx, k 1157 KSDZ 95.5 NE Gordon, ads, k, mono 1945 KHEY 96.3 TX El Paso, calls 1201 KPLO 94.5 SD Reliance, calls 1946 KTSM 99.9 TX El Paso, r 1320 KBLL 99.5 MT Helena, ads, calls 1948 KPAS 103.1 TX Fabens, SS, L 1324 KQUY 95.5 MT Butte, "Y-95, Butte's 1952 KLAQ 95.5 TX El Paso, ads Music Station" 1953 KLTO 94.7 TX El Paso 1326 unID 102.9 xlator??.cat country wx.Y99 2004 XHSG 99.9 CL Piedras Negras, SS. L 1327 CHFA1104.3 AT Lethbridge, FF 8/6 Es 1330 CKUA 99.3 AT Lethbridge, access net. ID 1224 KWBI 91.1 CO Morrison, tent. g 1331 KOFI 103.9 MT Kalispel, ads, r 1235 KBCO 97.3 CO Boulder, tent., g rock 1335 KMSO 102.5 MT Missoula, b mx Using a Realistic DX 440 and GM radio in my 1336 CKRY 105.1 AT Calgary, k car for DX. Did manage to catch a few good 1339 CKIK 107.3 AT Calgary, prog. Es openings, KFKF a surprise. Can't have 1340 CILA 107.7 AT Lethbridge, r outside antenna at my QTH. Will try building 1343 CKO5 103.1 AT Calgary, sports nx some quad loops when I get time. Best of DX. 1346 KZMT 101.1 MT Helena, Z-101, calls 1348 CJAY 92.1 AT Calgary, r SOME ABBREVIATIONS USED IN SFM: 1350 KIYS 92.3 MT Boise, Kiss FM 1354 KDXT 93.3 MT Missoula, XT-93, ads r- rock 7/11 Es g-gospel b-beautiful music 0901 KTEO 93.9 TX San Angelo, wx, calls,k k-country and western KBIL 92.9 " nx-news KIXY 94.7 KCKL 97.5 \$-steres , ABC nx ID-station identification 0913 KELI 98.7 , EL c-classical KZII 102.5 TX Lubbock, Z102, wx FF-French 99.5 TX Lubbock, r SS-Spanish KPLZ 99.5 TX Ft. Worth, k wx-weather WRR 101.1 TX Dallas, r j-jazz 0920 KSNY 101.7 TX Snyder, ads, calls ms-meteor scatter propogation 0921 KJMZ 100.3 TX Dallas, Jam 100.3 tr-tropospheric propogation 0927 KOJO 94.1 TX Ft. Worth, ads QSL-written station reception confirmation 0928 KATX 97.3 TX Plainview, k 0936 KLUR 99.9 TX Wichita, calls, k

MORE FROM KEITH uipt.: Onkyo T-9090, \$Probe 9 at 30' 1th D. Pugh, 227 Martin St., New Hope, AL 35760 8/11 ms (taped 2310+) ONO KICK 95.9 NE McCook, ads. old rock 23?? unID 94.9 "Kix 94 w/a certified oldie" 940 KYEZ 93.7 KS Salina, KY Country 94 644 KOMA 92.5 KS Phillipsburg, ID 23?? WVIC 94.9 MI E. Lansing "WVIC" 23?? WPVR 94.9 VA Roanoke, b, ID (via trs) may 59 KTCL 93.3 CO Fort Collins, ad, ph call 8/12 ms 1031 KRLN 103.9 CO Canon City, ads/Pueblo,k | 00?? KGGO 94.9 IA Des Moines, call 1052 KSTR 96.1 CO Montrose, rp?, k-star 1101 K237CN95.3 KS Atwood, "KANZ-KZNA" xltr 00?? WQMX 94.9 OH Medina,"..Point 9WQMX." 00?? WIC 94.9 MI El Lansing, ID, slogan (new to air)
1258 WNBE 93.1 TN Alamo, b,"EZ-93", \$ 0545+ unID 94.9 "Hot and fresh Y-95". "United H. School" 8/3 Es (on car FM in New Hope)
1319 KDAL 95.7 MN Duluth, wx/twin ports, 2300+WKCQ 98.1 MI Saginaw, "98FM KCQ" 8/14 gw ex 106.3 2119 WWZD 106.7 MS New Albany, k, "Wigard 106" local ref. 1321 WIBX 93.9 MN Hibbing 8/15 38 1330 KVOX 99.9 MN Moorhead. "K-100" 00?? WIVY 102.9 FL Jacksonville. "The NFL is 1348 KXXY 96.1 OK Oklahoma City, "KXY" coming to J'ville ... " (Back at home QTH w/Onkyo) 8/18 Es 1422 KUNC 91.5 CO Greeley 1715 KDCR 88.5 IA Sioux Center, wx 1434 KVOD 99.5 CO Denver 1916 WALZ 95.3 ME Machias, ads 1439 unID 91.9 "T-92", p, \$ 8/4 tr 1921 WMGX 93.1 ME Portland. ID 1103 WAXM 93.5 VA Big Stone Gap, many ads 8/28 tr 8/6 Es 1021 KQSK 97.5 NE Chadron, old r, \$ 2320 WQXE 100.9 KY Elizabethtown, r. ID 8/30 tr 1022 KRQU 102.9 WY Laramie 1707 WFBQ 94.7 IN Indy, ID, "Q-95" 2101 WSNY 94.7 CH Columbus, ID, prev. ms 1024 KAAQ 105.9 NE Alliance, "kQ-106" 1036 KMGN 93.9 AZ Flagstaff, ID 2121 WILL 90.9 IL Urbana, c, ID 73 365 Matt Sittel, P. O. Box 21441, Raleigh, NC 27607 7/7 Es (Kingsport, TN DX) 7/22 Es 1901 WKSQ 94.5 ME Ellsworth, ID 2209 KRLB 99.5 TX Lubbock, "FM 99" 1116 7/9 Es 2210 KTEZ 101.1 TX Lubbock, calls 1128 WEZF 92.9 VT Burlington, calls 2220 KZOR 94.1 NM Hobbs, calls 1204 1150 CJMF 93.3 PQ Quebec, "Quatre 2223 KZII 102.5 TX Lubbock, "Z102" 1116 7/25 Es Vingt Treize" 1159 CBV 95.3 PQ Quebec, Zadro-Canada, ID 1111-1208 3 unIDs noted 1159 CBF 100.7 PQ Montreal 7/10 Es 2145 KCND 90.5 ND Bismarck. "Prairie Public R." 1034 KSYN 92.5 MO Joplin, "Joplin's 2148 KDPR 88.9 ND Dickinson, zz KCND 1269 Music Leader" 666 7/30 tr 0201 WVLK 92.9 KY Lexington, ID 1037 KGLS 93.1 KS Pratt, calls 897 162 0207 WLAP 94.5 KY Lexington, "Power 94 1/2" 0208 WKQQ 98.1 KY Lexington, "Double Q 1300 KIJN 92.3 TN Farwell, calls, ID 1161 7/15 tr 0158 WPLN 90.3 TN Nashville,ID 7/31 Es 1100 KUNM 90.1 NM Albuquerque, xltr ment.1361 2/16 tr 1104 KSCS 96.3 TX Fort Worth, calls 0146 WOGQ 107.3 GA Columbus, calls 887 2/17 tr 1106 KORQ 100.7 TX Abilene, calls,Q-101 1026 0107 WQSB 105.1 AL Albertville, calls 256 1107 KVRP 95.5 TX Haskell, calls 1088 1182 7/18 Es 1118 KKKK 99.1 TX Odessa, ad 1131 KNFM 92.3 TX Midland, calls 2100 WBSN 89.1 LA New Orleans, calls 1174 1132 KBIL 92.9 TX San Angelo, calls 1088 2103 WQVE 93.3 LA New Orleans, Q93 627 8/18 Es 2117 KOKI 95.3 LA Bayou Vista 688 897 2123 WkJN 103.3 LA Hammond 0954 KGLS 93.1 KS Pratt, wx for Hutchinson 612 1002 kDCK 95.5 KS Dodge City, ad 2125 KQXL 106.5 LA New Roads 648 663 1231 KZFM 95.5 TX Corpus Christi, Z95 2133 KBAU 94.3 LA Galliano, Bayou 94 1055 1233 KLTG 96.5 TX Corpus Christi, calls 2136 KSMB 94.5 LA Lafayette, calls 702

1167

1242

797

1232

1242

1116

1239 KWVS 97.5 TX Kingsville, ad, wx

1259 KKED 90.3 TX Corpus Christi, ID

1302 unID 89.9 ?? address for Guatemala

1340 KBIL 92.9 TX San Angelo. All Hit Radio

1409 KDGE 94.5 TX Gainesville, 94.5 The Edge

1259 KUHF 88.7 TX Houston, ID

1336 KEAS 97.7 TX Eastland, ad

1357 KACU 89.7 TX Abilene, calls

1405 KKAJ 95.7 OK Ardmore, calls

1415 KVRP 95.5 TX Haskell, calls

1413 KRDM 96.5 OK Ardmore, ad

CONTINUED next month.....

1096

878

1055

973

1026

1008

842

GREG COMIGUO 5100 GLENWOOD DRIVE WILLIAMSVILLE, NEW YORK 14221

FOR DXers in: ME, MA, RI, CT, VT, NH, NY, PA, NJ, MI, OH, IN, IL, WI, IA, NE, MN , ND, SD, NE, WY, IA, ID, UT, OR, WA, MT, HI, AK, and Canada

OCTOBER 1989

DEADLINE: THE 1ST

This month's column shows an active July for E-skip, with the beginning and end of the month being the best. An above normal amount of E-skip, and some good trops, seem to have taken place in August. Let us know how September wasw for you! Do you like the new "look" to Northerm FM DX? I am using a Mac Laser Printer. Let me know which style you like the best, or if I should continue to rotate them. I am sorry to say I must move the deadline to the first of the month, due to less time available. Sorry,

SAUL CHERNOS - P.O.B. 611 - ORILLIA, ONTARIO, CANADA L3V 6K5

(705) 327-7809

From Orillia (1989):

JUNE 15 ES

1100 WRMB 89.3 FL Boynton Beach

1104 WMCU 89.7 FL Migmi

1105 WNGS 92.1 FL West Palm Beach

1110 WBVM 90.5 FL Tamp

1115 WSFP 90.1 FL Fort Myers

JUNE 18 ES

0940 WBVM 90.5 FL Tampa

1010 WCMQ 92.3 FL Hialeah JUNE 29 ES

1115 KOEZ 92.3 KS Newton

1136 KHCD 89.5 KS Salina

1220 K 90.5 KS // 91.1 KUNC

(Saul, are you sure it wasn't // KANZ, in that case if would likely be KZNA Hill City, KS-ac)

1225 KIDA 92.7 IA Ida Grove

1237 KUSD 89.3 SD Vermillion JULY 3 ES

2032 WMXQ 94.3 or 5

(This is Riviera Beach, FL on 94.3-gc)

2033 WCMQ 92.3 FL Higlegh

2035 WLVE 93.9 FL Miami

2035 WXTC 96.9 SC Charleston

2038 WKGR 98.7 FL Fort Pierce

2040 WMMZ 93.7 FL Ocala

2045 WZTA 94.9 FL Miami Beach

2058 WRMF 97.9 FL Palm Beach

2058 WKRL 97.9 FL Clearwater

2059 WJIS 88.1 FL Bradenton

2111 WBYZ 94.5 GA Baxley

JULY 4 ES

1710 WKX? 92.1 Cozy Country

(WKZY La Belle, FL???-GC)

1712 WCVU 94.5 FL Naples

1715 WLSF 90.9 FL Naples

1716 WHTQ 96.5 FL Orlando

1718 WQYK 99.5 FL St.P'burg

1723 WRGI 93.5 FL Naples

(No doubt you heard them with the

laser mention but legal calls are

1937 WRAS 88.5 GA Atlanta

1940 WFSU 91.5 FL Talahassee

1942 WPAP 92.5 FL Panama City

1953 unID 98.9 All New Life Rock 99 FM

(very possibly WBGM-Tallahassee-ac)

1957 WJGA 92.1 GA Jackson

JULY 4 ES cont.

now WLAZ, per FCC FM News-gc) 1735 WSHE 103.5 FL Ft.Lauderdale 1738 WCAT 106.7 FL Leesburg (calls are WHLY, hence, Y-106-ac) 1739 WQBA 107.5 FL Miami 1740 WJQY 106.7 FL Ft.Lauderdale

1741 WYAV 104.1 SC Conway

1743 WEZY 94.1 FL Lakeland 1748 WMXJ 102.7 FL Pompano Beach

1750 WXTC 96.9 Charleston

1754 WZZR 92.7 FL Stuart 1755 WFLZ 93.3 Ft. Tampa

1802 WAYJ 88.7 FL Fort Myers

1806 WSGY 100.3 GA Tifton

1809 WAVW 105.5 FL Vero Beach

1815 WRMF 97.9 FL Palm Beach

1816 WZTA 94.9 FL MiamiBeach

1803 WCMQ 92.3 FL Hialeah (oops-gc)

1829 WDUV 103.3 FL Bradenton.

1831 WBVM 90.5 FL Tampa 1840 WYNE 94.9 FL Tamp

1842 WMMZ 93.7 FL Ocala

1844 WBJW 105.1 FL Orlando

1847 WRBQ 104.7 FL Tampa

1851 WUSA 100.7 FL Tampa, W-101

(Saul, note calls-gc)

1852 WKTK 98.5 FL Crystal River

1854 WOVV 95.5 FL Fort Pierce

1858 WRWA 88.7 AL Dothan

1900 WMNF 88.5 FL Tampa

1903 WQIK 99.1 FL Jacksonville

1910 WIRK 107.9 FL West Palm Beach

1911 WDIZ 100.3 FL Orlando

1912 WWKA 92.3 FL Orlando

1913 WTNT 94.9 FL Tallahassee

1924 WRXK 96.1 FL Bonita Springs

1926 <u>WWLV</u> 94.5 FL Daytona Beach 1928 <u>WNKS</u> 102.9 GA Columbus

1929 WRMB 89.3 FL Boynton Beach

1930 uniD 96.1 The new life 96.1...

(Raleiah, or maybe Jacksonville?-gc) 1932 WWBA 107.3 FL St. Petersburg

(calls now are WWRM-gc) 1958 WSFP 90.1 FL Fort Myers

1959 WCKW 92.3 LA LaPlace

2026 WYFB 90.5 FL Gainesville

JULY 4 TROPO 2051 WNYZ 98.7 NY Utica NORTHERN FM DX

OCTOBER 1989

SAUL CHERNOS' REPORT - CONTINUED

JULY 5 TROPO

0745 WCPN 90.3 OH Cleveland

JULY 18 E-SKIP

1735 KSMB 94.5 LA Lafayette 1759 WMA 90.3 MS See Notes

1800 KLSA 90.7 LA Alexandria

JULY 25 E-SKIP

1048 WMPR 90.1 MS Jackson 1050 WMA 90.3 MS See Notes

1051 WMAW 88.1 MS Meridian 1054 WCKW 92.3 LA LaPlace

JULY 31 E-SKIP

1047 KETR 88.9 TX Commerce 1057 KZPS 92.5 TX Dallas

1100 KERA 90.1 TX Dallas 1901 KILL 90.1 SD Porcupine

1903 KINI 96.1 NE Crookston

DX FROM BURNT RIVER. ONT (1989)

JULY 4 TROPO

1005 CIXK 106.5 ON Owen Sound (Saul, I think these are the calls-ac)

1015 WFRW 88.1 NY Webster

1052 WAIR 92.5 MI Atlanta JUNE 4 METEOR BURST

1100 KFRX 102.7 NE Lincoln

JUNE 26 TROPO

0120 CIQM 103.1 ON London JULY 20 TROPO

1645 "95X" 95.3 Central NY area

(probably WGIX Gouveneur, NY-ac)

1652 WFRG 96.1 NY Rome 1707 WBSU 89.1 NY Brockport

1713 CFRC 91.9 ON Kingston



JULY 21 TROPO

2035 <u>WSNY</u> 94.7 OH Columbus 2100 WGLE 90.7 OH Lima 2155 WKBN 98.9 OH Youngstown

JULY 22 E-SKIP

1150 KSBJ 89.3 TX Humble 1200 KZRK 94.5 TX Gainesville

1230 KOEM 88.3 TX Mesquite JULY 23 TROPO

2310 WJGS 98.5 MI Houghton Lake (I heard this on August 29 with calls

WUPS, so they must have just recently changed calls-ac)

JULY 24 TROPO

0100 WGLE 90.7 Lima 0600 WIAA 88.3 MI Interlochen 0607 WEOZ 94.3 PA Seagertown

1051 C 102.7 PQ Val D'Or 1059 CBF9 91.9 PQ Mont-Laurier

1113 CKMF 94.3 PQ Montreal

JULY 24 E-SKIP 1733 WJSU 88.5 MS Jackson

AUGUST 2 TROPO

2315 WMBI 90.1 IL Chicago

2330 WHAD 90.7 WI Delafield 2331 WPNE 89.3 WI Green Bay

AUGUST 3 TROPO

0030 WFBQ 94.7 IN Indianapolis 0107 WBCL 90.3 IN Fort Wayne

1028 WYIZ 94.7 IL Chicago

0658 WKLQ 94.5 MI Holland 0720 uniD 89.1 CDT NPR Deerfield

FROM BRANTFORD, ON (1989) JULY 7 E-SKIP

1040 WKPX 88.5 FL Sunrise 1832 ZBM 89.1 BER Hamilton 1900 94.9 8PM Starlite Concert

(This was Bermuda, ZFB are the calls,

l believe-gc) 2100WRMB 89.3 FL Boynton Beach

2103 WCTH 100.3 FL Plantation Key 2105 WXCR 92.5 FL Safety Harbor

2112 WEOW 92.5 FL Key West

JULY 8 TROPO 1315 WMCE 88.5 PA Erie

FROM TORONTO (1989) **JULY 12 TROPO**

0000 WOU 89.1 OH See notes **AUGUST 2 TROPO** 0630 WRKT 101.1 ?? r. see notes

Skip non-existant until mid to late June for me, and decent tropo seemed to kick in in mid-July. But I'll rate this an above average season for Es and about average for Tr. For Tr, the best is yet to come, I would hope. The only thing missing has been Canadian and especially Maritime Es, and double hap. A few comments on what I've heard: June 4 MS, I heard "The New 102.7 KFRX." June 29, a station on 90.1 to 90.5 gave KUNC 91.1 Garden City in ID (Calls are KANZ-ac) but I missed the rest (this is KZNA 90.5 Hill City, Kansas-gc). (Saul, I commented on the rest of your unIDs at the individual logalings) July 12, 89, I has both WOUB and WOUC. I'm not sure yet which I will count (I count WOUC, it being the closer one-gc). July 18, 90.3 with PRM (MS Public Radio), two possibilities. It happend again July 25. Also, CFRC Kinaston, ON on 91.9 which I alless means they haven't vet moved to 101.9;

This is IKC 98 Country!

Casey Broadcasting, Inc. . P.O. Box 1171 St. Marys, Georgia 31558

SAUL CHERNOS' REPORT - continued

July 24, Val D'Or calls seem to be CJMV. July 31, KILI and KINI both had Native American Indian drumming and KINI had the Red Bull singers from Saskatchewan. I wish more Indian music was broadcast in North America. It sure beats the pop slop multinational corporations say we want to hear. August 2, WRKT...are these new calls for Detroit or Youngstown or something? (Saul, what you heard was 100.9 WRKT North East, PA, ex: WHYP-gc). I guess that's about it for now. I was hoping to drop in at Syracuse, but my weekend got all bungled up. My hats off, anyway, to those who made the convention happen and to everybody else who makes WTFDSA one of the better non-profit organizations in town. 73's Saul

ALAIN PEPIN - 234 RUE MONTCALM - ST-JEAN-SUR-RICHLIEU, QUEBEC J38 3N8 Equipment; Lloyds stereo, rooftop TV antenna with rotor, Archer amplifier. Delco car radio (between St. Jean and Montreal). Distances are in km.

JULY 4 E-SKIP

1705 WAPE 95.1 FL Jacksonville, "95 WAPE" with

rock music by John Mellencamp 1712 WAVV 101.1 FL Marco, "WAVV The Wave with soft rock music. 1715 WQHL 98.1 FL Live Oak, "If you like country vou'll love WQHL - Q 98" 1717 WPIQ 101.5 GA Brunswick, "2nd annual 101-Q lip sync contest", metioned Brunswick Floral Co., also Butler's at Jeckyll Island Club, wx: 88, jingle 1722 WYKS 105.5 FL Gainesville, Current temp 82 in Gainesville at "Kiss 105", local ads ment. Butler and Pic and Save plaza, "Kiss 105" with another super sweep of back to back hits" 1729 WRUF 103.7 FL Gainesville, 84 in Gainesvill at "Rock 104" with a "2 for tuesday" music feature, sports items. 1730 WGEC 103.9 GA Springfield, "write WGEC-FM, PO Box 15267, Savannah 31406" 1732 WKTM? 101.7 GA Soperton, ads for Brantly Carpet City, Visalia and Swainsboro Lincoln Mercury, anti drug rap song: "Self Destruction" , no ID was given 1741 WGLF 104.1 FL Tallahassee, ad for Mardi Gras Limousine serving Tall., "Gulf 104 remembers the 60's": "Good Day Sunshine" by\ the Beatles 1743 WCEH 103.9 GA Hawkinsville, ph# 222-WCEH in Hawkinsville" for Swap Shop program. 1690 1744 WXRS 103.9 GA Swainsboro, ad mentioned Swainsboro, Feature: "Escape to the Outdoors"

1748 WINT 94.9 FL Tallahassee, "Dynamite Country TNT' with DJ Bill Kelly, weather calls for evening thunderstorms, 83 in "TNT Country" 1754 WQYK 99.5 FL St.Petersburg, Tampa ad 2110 1800 WXVS 90.1 GA Waycross, "Peach State Public Radio" with list of stations. 1827 WHEW 101.9 FL Fort Myers, "WHEW" calls IDed by female DJ, briefly 1830 WKGC 90.7 FL Panama City, More info about programming at phone 769-5241. "This is WKGC-FM Panama Cty, your arts & information stn" 1960 1851 WKHX 101.5 GA Marietta. "Kicks 10 1.5 FM Atlanta's Country Leader" 1856 WKNN 99.1 MS Pascagoula, "K-99 FM three day forecast" by Carol O'Connoe, ID: For the beautil

MS Gulf Coast 99.1 WKNN Pascagoula, Biloxi,

Gulfport, Your country connection, K 99_1 FM" 2120

with Bob Denver, WXRS-FM jingle, WCEH mix 1617

1745 WSTI 105.3 GA Quitman, "Star FM" jingle

Music: "Uptown Girl"

JULY 4 E-SKIP CONTINUED
1859 WHMA 100.5 AL Anniston, "Your official country music station, WHMA -FM Anniston/Gasden, 100.5 FM, the best music in Dixie, Alabama 100" 1900 WHIL 91.3 AL Mobile, "This is WHIL in Mobile, 91.3 FM, Classical Radio for the Gulf Coast." 1901 WQID 93.7 MS Biloxi, Summer song montage, "93.7 QID" 1902 WYNF 94.9 FL Tampa, "95-YNF" with 40 min of non-stop rock 1913 WKMX 106.7 AL Enterprise, "Max 106.7 WKMX Enterprise/Dothan/Americus original Maximun music station", syndicated program: Born in the USA 1900 1918 WHER 103.7 MS Hattiesburg, "News, sports, weather, and your favorite music, 24 hrs a day, we're Eagle 103" 1919 WKJN 103.3 LA Hammond, broadcastng live on Kajun 103, ads 1922 WVEE 103.3 GA Atlanta, "V-103" with contest promo took over the frequency 1587 1923 WSYA 103.3 AL Montgomery, WSYA jingle snuck in between WVEE /WKJN 1820 1943 WLVE 93.9 FL Miami Beach, "Love 94" with British accented DJ 1950 WGTR 97.3 FL Miami, "97 GTR Rock and roll animal kit" giveaway 2002 WGGZ 98.1 LA Baton Rouge, "Z98 is the the #1 hit music station, WGGZ Baton Rouge Music: "Easy Lover" by Phil Collins 2276 2008 unID 96.5 "Q-96 FM, QIZ never plays as much continuous rock and roll, lock it in at 96.5 QIZ-FM" JULY 5 E-SKIP

1855 KUDL 98.1 KS Kansas City, skyview traffic with Bumper Bob Douglas, ID

"kicking off 30 minutes of continous music on 98 KUDL" Music: Happy Together" 18 1900 WAJK 99.3 IL LaSalle, jingle: "WAJK LaSalle, W-A-J-K 1901 KKFI 90.1 MO Kansas City, "KKFI Kansas City, MO, your full spectrum community radio station.

1901 WXEZ 100.3 IL Chicago, "6 o'clock on WXEZ-AM and FM Chicago", MoR music EZ satellite forecast: currently O'Hare 86 Midway 88, and Lakefront 74 degrees 1213 1904 KOPN 89.5 MO Columbia, address for KOPN community calendar

1906 KBKB 101.7 IA Fort Madison, "In the river cities, 89 at KBKB" jingle: "The best songs, KBKB", female DJ



Alpine Broadcasting Corp. 11800 Tamiami Trail East Naples, Florida 33962

REPORT TO NORTHERN FM DX!!!

ORTHERN FM DX LAIN PEPIN'S REPORT - continued

TILY 5th E-SKIP continued

907 WBNQ 101.5 IL Bloomington, jingle: 101.5 WBNQ, rock music 1011 KMZU 101.1 MO Carrolton, "KMZU listening post" feature, mention area business that listens to KMZU. Addr: KMZU 102 North Mason Carrolton, MO 60633 1790 1027 WLLR 101.1 IL East Moline, promo for GMC

truck country showdown July 18 at Rock Island county fair, jingle: "WLLR" 1446 1930 WNIU 89.5 IL DeKalb, ment Rockford.

'89.5 WNIU, weather by YL. 1299 1937 KCRK? 96.5 IA Cedar Rapids, KCRK, mention of Cedar Rapids 1504

1940 KTFX 92.1 IA Fort Dodge, Kiss 92, mentioned Fort Dodge, Iowa, tentative 1700

OCTOBER 1989

JULY 7 E-SKIP

1900 WPIQ 101.5 GA Brunswick, "Coastal GA and N Fla's all hits 101.5 FM WPIQ Brunswick.

St. Simons Island, your summer concert conn. 1720 1901 WIXV 95.5 GA Savannah, "I-95 WIXV Savannah with rock music

1914 WDIZ 100.3 FL Orlando, promo for the 'DIZ Morning Show" and lost episodes of "Mayberry Vice" on Orlando"s rock and roll station DIZ" 1919 WPCV 97.5 FL Winter Haven, "central Floridas country music station, 97 country.

1920 WRNS 95.1 NC Kinston, calls, ad for new Blockbuster Video Store

1928 WOCS 88.9 FL Fort Pierce, "WQCS Fort Pierce ID and classical music. 1930 WOVV 95.5 FL Fort Pierce, ad for Quivver surf

1174

shop, 2001 WMNF 88.5 FL Tampa, letters to WMNF,

1210 East Buffalo Ave, 336063 JULY 9 E-SKIP

1220 WZOK 97.5 IL Rockford, "97ZOK" heard while heading for Montreal.

BILL NIENAJADLY - 98 HIGLAND AVE - CLIFTON, NEW JERSEY 07011 JULY 24 TROPO

0950 WSRS 96.1 MA Worcester, ID, "lame format" 180 (This is what Bill thinks of soft rock-gc) and WLNG 92.1, WPLR 99.1, and New England strong 2305 A.City and S.Jersey local strength, WZXL 100.7, WOBM 92.7, etc. AC (Atlantic City-gc), 104.9, 99.3, 96.9, 103.7, 95.1 local like then stronger 2307 WSJT 102.3 NJ Cape May, ID, very rare here They were at local strength!!

2332 WBNJ 105.5 NJ Cape May Courthouse, ID finally!!. Much Wanted!!!

JULY 24 TROPO Cont.

2336 WQHQ 104.7 MD Ocean City, ID 188

AUGUST 4 E-SKIP

very brief, muf 95.1 1832 KWOA 95.1 MN Worthington, ID KO95 1835 KDOM 94.3 MN Windom, TENTATIVE ment. Worthington, Windom is nearby nothing else to go on.

Several Minn Pub. Radio and NPR ed band

AUGUST 14 TROPO

0058 WFMZ 100.7 PA Allentown, rarely heard here due to WHUD...

Thanks to Bob Smolarek and Joe Fela for trop tip, a damn good opening! Sorry to all that I couldn't make it to Syracuse, transportation problems and job obligations, etc. Oh ves. July 22 MUF 6 possible FM here!, I heard this was a good opening elsewhere, just rapid fading and gone couldn't tell MUF on FM. WBNJ is "new age" calling themselves "Joy 105" (That's weird, I've never heard a new age station use Joy before-gc), not really "lame" (ad.con-gc), more like "B" (Elving uses "mj" or "rj" for new age-gc) GOODXing!, Bill TOTALS 268 Whoopee!

155

WELCOME NEW REPORTER!!!

MIKE CHERRY - BOX 631 - GANGES, BRITISH COLUMBIA CANADA VOS 1E0 (604) 537-5201, Time: PDT

EQUIPMENT: Sansui SX-1070 Digital readout receiver, Toshiba SA-500, Kenwood RZ-1, channel 6 trap ANTENNA: Linsday GA-10FM 10 element yagi at 57' AGL

ASL, Alliance U-110 rotor. JULY 4 E-SKIP

1817 KPRQ 100.9 UT Price, local ad 1820 unID 103.9, thought I heard mention of Salt Lake City (possibly translator?)

1822 KTRA 102.1 NM Farmington, over CBUF xltr

1824 KNYN 95.5 NM Santa Fe. k\ 1828 KANW 89.1 NM Albequerque, heard ID

1830 KRST 92.3 NM Albequerque, Crest Country nonID 1834-1837, "curtain" kept shifting with multiple stations | 0907 first noted channel 4 on top of one another unIDs 95.5, 94.7, 95.3, 102.3, 107.1/.3 0920 NEB on channel 3 1844 KKORt 94.5 NM Gallup, thought I heard "Core"

1850 KTDB 89.7 NM Ramah

1854 KQAZ 101.7 AZ Springerville, tentative 1900 KNAU 88.7 AZ Flagstaff, legal ID

1902 KZZZ 94.7 AZ Kingman, mindless soft rock 1904 fade out

JULY 21 TROPO

0706 KKBC 95.3 OR Baker, local weather, surprising for a class A!! A rare treat!! 0709 KRBM 90.9 OR Pendleton, ment of N.Oregon Didn't do much DXing during July due to death in family

(My condolences-gc)

AUGUST 4 E-SKIP

best vet Summer 89

0922 KHCC 90.1 KS Hutchinson, c music, full quieting\$ 0924 KZNA 90.5 KS Hill City, Muti-ID w/KANZ &others 0924 KANZ 91.1 KS Garden City, confirmed ID of // 90.5

0929 KICT 95.1 KS Wichita, album rock/CHR \$

0934 KZSN 102.1 KS Hutchinson, "Kissin FM 102" 0940 KDCK 95.5 KS Dodge City, mentions of Dodge City

into ads.

MIKE CHERRY'S REPORT - continued

AUGUST 4 E-SKIP cont.

1018 unID 89.9 rock (beam aimed at CO, KS. OK. NM, not KRPS Pittsburg, KS) 1030 KEPC 90.5 CO Colorado Springs, garage rock, ID by YL anner, more rock 1032 KTLF 89.7 CO Colorado Springs, g contemporary Christian AC \$ with great signal 1037 KCRT 92.5 CO Trinidad, ment. Trinidad, over secondary local KLSY. 1038 KWBI 91.1 CO Morrison, ment of

Denver 1041 KRYT 107.9 CO Pueblo, finally

MUF drops below FM, concentrated on ch 3/4 DX. Returns to FM 1012 am, KILS 103.3 KS Havs, "Power 103" FM now very noisy with battle between XL-108 (KZXL 107.9 Great Bend, KS and KRYT 107.9 CO Pueblo - IDed both, similar battles on 103.1, 95.3, 90.7, all unID. 1044 KSCB 107.5 KS Liberal, "KSCB-FM" 1045 KOFMt 103.1 OK Enid, was playing easy listening music (b) 1048 MUF dropped to ch4, NM/CO

AUGUST 8 TROPO

stations in. fadeout at 1112.

1630-?? Super tropo duct - very localized centered between here and Seattle-Tacoma Pointed beam any direction and even the hard to hear ones were full strength. Likewise VHF and UHF TV channels were unusually strong. 2210 KPBX 91.1 WA Spokane, regular tropo here. \$ 2214 KPQ 102.1 WA Wenatchee, "Q102" frequent IDs and CHR, semi-regular tr\$ 2216 KFFM 107.3 WA Yakima, "K-Double-FM", CHR, \$-unusuallky strong AUGUST 8 M.S.

2134 2-4 sec burst, jazz on 91.1 Mhz (120')

AUGUST 9 TROPO

2133 KFFM 107.3 WA Yakima, rap and mentions of Yakima, local ad 2015 many MS "pings" longest 4 seconds

AUGUST 11 METEOR BURSTS

All evening-no fewer than 5 pings every 5 minutes, many unIDs (Perseid meteors) 2214 unID 89.1 CBC (Beam 20°), 7 seconds same as local CBU-AM. 2310 KKAT 101.9 UT Ogden, IDed during 11 sec. "ping", longest burst ever on either TV or FM (over CFUV/CITR) 2319 CKWG 103.1 MB Winnipeg, "... locations here in Winnipeg....

AUGUST 12 M.S (Perseids)

2046 KNOX 94.7 ND Grand Forks, "Grand Forks has"

AUGUST 12 M.S. cont.

2252 KBRF MN Fergus Falls (freq?-gc), "Falls,gateway" 2255 KLRZ 95.3 IA Red Oak, "LRZ..."

AUGUST 13 TROPO

1824 KCIR 90.7 ID Twin Falls, ID, prome for upcoming

AUGUST 13 TROPO cont.

1829 KCIX 105.9 ID Boise, local ad 1834 KFFM 107.3 WA Yakima, CHR music

AUGUST 17 ES (or AE?)

0742 unID 90.5 over local K213BA, had watery effect, clear audio, then scatter type fade, CHR mx, lasted anout 1.5 min.

I must agree with most reporters that 1989 has been poor for Es. Aside from July, I have spent a fair amount of time monitoring and the MUF barely has risen above 75 Mhz. Tr only so-so this spring and summer with mostly regular tr showing up. I've been waiting for some spectacular AE due to the solar flares, disturbed gemoagnetic field but so far results have been dissapointing since the flares of August 15 and 17. Maybe in the next day or two. I'll report in later with my late summer/fall loggings. 73's, Mike Cherry.

HARRY J. HAYES - 9 HENRY STREET - WILKES-BARRE, PENN. 18702 AUGUST 28 AURORA

2115 WRKR 107.7 MI Portage, "Rock and roll the way you like it" slogan with good signal for aurora

2126 WJZZ 105.9 MI Detroit, several IDs

August goes out with a bang with a super strong but shortlived AU opening. The opening went out almost like a light at @ 2135. These are all the loggings noted for the month, I have however spent quite a bit of time dial fiddleing despite no notable catches. I have switched the Superradio over to my 9 element in the attic from the quad loop. I will use this now for the more demanding tropo DX I hope to experience this fall. I enjoyed meeting all at Syracuse again especially since my last WTFDA outing was Jamestown 1984.

STATION NEWS: WFBF 89.9 in Buffalo has signed on the air with "Family Radio". Poor signal in the Northeast side of town, but no sign of the 92.1 Clarence, NY translator. If it comes on, I am sure I will WGES "Star 105". WCIH 90.3 in Elmira, NY is on with religion, seemingly a satellite of WCIK 103.1 Bath, NY. It gets out well; your editor heard it along I-290 in Metro Buffalo near the Univ. of Buffalo Amherst Campus. According to Ralph Strobel several new FMs are on in his vicinity, including WZOM 105.9 Defiance, Oh., WCJC 99.3 Van Buren, Ind., WDMX 100.1 WV Vienna, Wv. (oldies for Parkersburg), and WMCI 101.3 Mattoon, Indiana. WMYS 98.1 in New Bedford, MA is now country.

ORRY J. HAYES - 3 HENRY STREET - WILKES-BARRE, PENNSYLVANIA

QUIPMENT: GE Superradio w/unamplified double FM quad

⊵y 1989

100 WHGL 100.3 PA Troy, c/w MX "Wissie 100"

ES 2116 WYNF 94.9 FL Tampa (Harry, city of license is in Tampe-9c) 2127 WOVV 95.5 FL Fort Pierce

9 Es

153 KLKS 95.3 MN Breezy Point, soft rr, ad Edgewater Inn

4 200 KHHT 97.1 ND Minot, rr

95.1 MN Detroit Lakes, c/w MX, ex KKDL-95.3 1215 KGHI

1223 KYCK 1230 WIRR 97.1 MN Crookston 90.9 MN Virginia

235 KNOX 94.7 ND Grand Forks "The All New Lite Rock 95"

1242 KBOQ 39.9 ND Minot, ad for Minot concert, no ID heard 1300 CBC

90.5 ON Fort Frances, suspect this here w/really strong signal (Was likely them; calls are CBQT-gc)

10302 WKYE 95.5 PA Johnstown, rr MX

25 Es 1052 KWKH 94.5 LA Sherveport, "The Radio Ranch" c/w MX

#1133 KTUX 98.9 TX Carthage, RR mx Tux 99

134 KVMA 107.9 AR Magnolia \$145 KEBC 94.7 OK Oktahoma City, c/w mx "Keeping Everybody Country"

50 MS 5130 WFOX 97.1 GA Gainesville, "..fun station is FOX..."

19245 KKWK 97.1 OK Muskogee, "...97 Quick..", suspect this, heard last

month on E-skip and does use "Quick" ID. Time ∂ on this.

I would rate July as an average DX month, nothing to really jump up and down about. The last few days of the month have shown significant MS Martivity; numerous foud bursts of the 2 or 3 second duration length. have my quad configuration in the South bedroom where I sleep and am really pleased with its results on MS. I often lay in bed for two or three hours listening to the bursts before turning out the lights. Who tays you can't do MS on an indoor! Trops have been virtually non-existant so far but I'm optimistic about next month. In answer to your question about WHKS 34.9 Harrisburg-yes I would say their signal is much, much better here, they are listenable about 50% of the time, no other Marrisburg station makes in in consistently.

BRUCE ELVING - BOX 336 - ESKO, MINNESOTA 55733-0336

The skip season began here May 21 when at 2100 CDT I got KIOL 100.3 Lamesa Ashrough semi-local WCTS *100.3 Minneapolis at 2100. On 5-25 tropo: WCIC Pekin, IL *88.5. Skip May 31 KTLC 99.7 Tye TX. June 8: WRAF *90.9 Toccoa Fails GA, 12 noon, \$: 3. June 21 WMGU 104.9 Stevens Point WI. Skip July 5, 1800-1900 CDT: WBGO *88.3 Newark NJ, WTCC *90.7 Springfield MA.

Gropo July 6: KMIT 105.9 Mitchell, SD, smashing through two closer stations on its frequency; KGSD *91.9 Lowry, SD, KMGM 105.5 Montevideo MN with open carrier SES at 67 khz; new KXXS-FM 103.7 White Park (St.Cloud) N with a terribly weak signal; KDLX-FM 106.1 Lisbon, ND. July 9 WRDN-FM 95.9 Durand WI, one of my closest unheard stations, monophonic. July 14 \$208BQ *83.5 Brainerd MN with translator ID at 0818. Skip in late July Intensified with the 28th, 20-2100: WUAL *81.5 Tuscaloosa, WMBV, \$, g, 91.9 Dixons Mills, *88.7 WOPR Muscle Shoals AL, parallel to WUAL. On uly 31: WYFK *89.5 Columbus GA, \$9 with station break consisting of a *tch for donations; KTDR 96.3 Del Rio TX, KSTX *89.1 San Antonio TX. ASTX said they had just put into place 1200000 watts, and wanted to hear rom Listeners. They said they heard from someone 35 km north of afavette [N ("must have been a fluke" the announcer said). Then KPAE bly 31 skip was from 10 am to noon.

Es MUF ch4

PETER 0. GEORGE (NIGGE) - 24 COLUMBIA ST. APT 1-F - BROCKTON, MASS. 02041 (508) 580-0374

Receiver- GE Superradio ii. Mashavox "Boom Box" Antenna- Built in telescopins antennas

(Peter notes all lossinss were in stereo-sc)

JULY 1989

1029 WDOD 96.5 TN Chattanooga, pub service, wx, Baptist Church service 1034 WRMX 96.3 TN Mufreesboro, Dick Clark's Rock, roll and Remember" 1100 KATZ 100.3 TL Alton, Urban contemp, "Z-100" 131 WCTS 100.3*MN Minneapolis, legal ID, religious programming 1135 WLVD 96.3 DH Columbus, ADR, Q-96-FM", ads 1211 KKCK 99.7 MN Marshall, rock, 99.7 days of summer 1222 WLTE 102.9 MN Minneapolis, EZL, The Lite FM 103, WLTE, ads 1300 KJK 96.5 MN Fergus Falls, legal ID, ABC news, "Cruisin with the Classics"

10 Es 1655 WBVE 96.5 OH Hamilton, country, Beaver 96 1/2 FM, ads 1659 WKDD 96.5 OH Akron, "another 52 min of rock" (nice catch! esc) 1703 WDZQ 95.1 IL Decatur, country music, ID, ads 1727 WJZQ 95.1 WI Kenosha, "Rock 95", Top 40, automation failure (hi=hi) 1740 WMT 96.5 IA Cedar Rapids, 96 1/2 FM, Channel 2 weather, legal ID, nx

This was the ultimate test of what my GE Superradio II could do, and boy was I pleased with the results. It has been several years since I have done some serious Sporadis-E FM DXing. This was about the best opening since the 3/13 opening due to the solar flare way back them. Many of the stations that I received in this band opening were clearly listenable for over 20 minutes at a time. The 7/10 opening was particularly interesting as I received a combination of "Lightning Scatter" and Es at the same time to receive both WKDD 96.5 and "Beaver 96 1/2" WBVE 96.5. Both were very short skip signals for this location. Though I don't make a habit of doing it, hearing "skip" via lightning bolts can truly bring some big surprises!!! Til next time, 73's.

BILL NIENAJADLY - 98 HIGHLAND AVENUE - CLIFTON, NEW JERSEY 07011

<u>JUNE</u> 1989 25 Es 952 1434 WWMS 97.5 MS Oxford, Miss 38 1558 KAMS 95.1 AR Mammoth Springs, ID and "K Country-95" 978 JULY 1989 1 GW/Tr 145 1718 WHKS 94.9 PA Harrisburg, ID 90 1725 WMGS 92.9 PA Wilkes-Barre, ID 140 1735 WTYD 100.9 CT New London, ID 125 1742 WAQY 102.1 MA Springfield. ID 170 1748 WWRX 103.7 RI Westerly, ID 120 1752 WBSS 97.3 NJ Millville, ID and Boss 97 90 1800 WRCH 100.5 CT New Britian, ID "Above 7 logged by me using Mac MR-78, per visit by Bob Smolarek here" 2 ES brief to 92.9 TOP 40 UnID at 1730 3 Es super MUF 96.9 863 2030 WULA 92.7 AL Eufala, ID 856 2032 WOPW 95.7 GA Valdosta, ID 1039 2055 WBLX 92.9 AL Mobile, ID 1051 2059 WBBN 95.9 MS Taylorsville, ID 1120 2100 WXLT 94.1 MS McComb, ID 2101 WOUE 93.3 LA New Orleans, ID and 0-93 1151 uniDS: 91.9 s, 95.1/96.9 Top 40, 92.5 ADR, 88.5 b, 96.7 old 4 Es Explosive ES! 180 MUF? 1654 WUWF 88.1 FL Pensacola, no fading for 20 min 1729 WLHQ 96.9 AL Enterprise, ID and 0-97 1732 WALX 100.9 AL Seima, ID 1734 WBLX 92.9 AL Mobile 1737 WFSY 98.5 FL Panama City, ID and Sunny 38¹⁷⁴⁴ WOXY 95.7 LA New Orleans, ID

MEL	NENNA DLY'S	REPORT- Continued Birmingham, ID and FM 105	
7	-4 Es		
Mage	WZZK 104.7 AL	Birmingham, ID and FM 105	
209	WOWW 107.3 FL	Pensacoia, ID Birmingham ID and Win 107	
112	WENN 107.7 AL	. Birmingham ID and Win 107	
1913	WJD0 101.3 MS	Meridian, ID	
221		New Orleans, ID Mobile	
23	WWMS 97.5 MS		
BAR	WLTS 105.3 LA	Stidett, ID	
849	WAKH 105.7 MS	McComb, ID	
All a	sbove logged a	t Bob Smolarek's house using Mac MR-78 He used Car	ver
TX-11	l. Can't cour	t in my personal log, 48 miles away.	
108ae	d on route 78) :	
1900	WZEZ 92.9 Th	Nashville, ID	
BOW O	ome: WMBV 91.9 AL	. Dixon's Mills, ID	978
0025	WOUE 93.3 LA		1161
2 58			1059
Es	2 clouds?		
			1202
		Duluth, ID	978
		Duluth, ID Detroit Lakes, ID	978 1161
製料4つ			1019
4906			1055
298 3	KOMT 96.1 SI	Crookston, ID	1209
3:00つに	CISD+ 94.3 O	l Thunder Bay,	
2000	WAFG 90.3 FL	. Ft.Lauderdale, ID	1080
200 . l :	, 1004.1 K + Ma	my Ed band Unids	
ES	breifly to 9	1.3 lowa? at 1728 al different openings!	
			1010
223	WIRK 107.9 FL		1035
224	WWUS 104.7 FL	. West Palm Beach, . Big Pine Key, ID	1193
225	WAFG 90.3 FL	. Ft.Lauderdale, ID	1080
		. Orlando, ID	937
233	WPCV 97.5 FL	Winter Haven, ID	994
235 107	<u>WAPE</u> 95.1 FL	. Jacksonville, Mi John: 7. 106 1. 99 1 YUS (crossover). 102 3 wention Fort.	876
ier.	te 10tars 34.	. Jacksonville, Hi John! 7, 105.1, 99.1 XVR (crossover), 102.3 mention Fort 40, and many more!	
	French So. I (nore on ed band Maritimes	
2020	WTMG 95.9 FI	Tallahassee, ID	831
MMZ4	WBBN 35.3 M		1051
025			1161
228	WKXN 95.9 AL	Greenville, ID	853 952
10 A 10 A	LITED 1000 7 EI	S Oxford, ID _ Pensacoja, ID	10/22
2046	WKRG 99.9 A	Mobile, ID	1053
		Hammond, ID	1156
2558	WZZK 104.7 AI	_ Birmingham, ID	855
nID	105.3 oldies	103.7 Nostalgia 100	
.Es	MUF ch5 at 2	100	
7.1	KAXE 91.7 M	outh, Minn/Mo./Canada MUF 107.9 N Grand Rapids, ID	1055
83.7	WM.IJ 96.5 A	Birmingham, ID	855
58	WMC 99.7 Ti	Memphis, ID	944
45 3	KUDY GO G MI	Moorobead. ID	1202
\$5 8	KKDL 95.1 M KRES 104.7 M KOHT 96.1 M KNNS 96.9 M	N Detroit Lakes, ID	1161
204	KRES 104.7 M	Moberty, ID	961
1 0 kg	KOHT 95.1 M KNNS 96.9 M	N Crookston, ID	12 09 1 05 5
WA3	M 2 TO MOGN	N Grand Rapids, ID N Park Rapids, ID	1116
5.7	KPRM 97.5 M	O Fargo, ID	1202
00	WIRR 90.3 M	V Virginia, ID	1019
43	CITT OO 1 M	B Minnings ID	1271
5	CBC NX servi	ns NW ONT (CBQT?-sc), 92.9 Rock, 105.3 mentioned KC ent, Pontaic, 91.9 "FM 92" JAzz Ramsey Lewis	and
. :	ouis, 102.3 m	ent, Pontaic, 91.9 "FM 92" JAzz Ramsey Lewis	
<u> </u>	s 0900 MUF ch	6 LA/1801 MUF ch4	

JULY 1989

15 Tv

WENG 92.1 NY, WHEM 95.3 NY, WWY7 92.5 CT, WBEJ 106.1 att tocat 16 Es TV 5 at 1245 18 Es 2100-2135 unIDs highly suspect Florida After what looked like a poor second half of the season, then July comes...and super outstanding DX! July 4th was a monster, many DXers had ES over their locals, MUF was reportedly up to 130 Mhz (Yes, some DXers did see ch 7 E-skip-sc). So intense was the fourth, that the TV at Bob Smolarek's house was totally wiped out on 2-5! Some of the skip stations, tike WUWF SS.1 for 20 min, were fade free. It didn't stop there....we had 5 days of E-skip on FM in a row! July 7 produced multiple openings; I'm willing to bet some DXers had 2 hop on that day. July 9th finally got a positive Canadian! My first one! I've heard Frence and CBC in the past but never an ID. Thank Joe Fela for the CITI tip. Bill Kretschmer in NY also received KPRM and WDAY at the same time as I did here! July 89 will 90 down in my book for the best skip ever seen or heard by this DXer! Thank to Bill, Bob, Paul, Mike, Joe, Matt, and Gree for exchanging phone calls and DX tips! Good DX:ne-B: 11 MORRIS SORENSEN - P.O. BOX 422 - PORT CARLING, ONTARIO PØB 130

EQUIPMENT: SOny ICF-2010 disital portable, Archer FM rabbit ears

2157 WEYY 92.7 AL Talledesa, ID "This is WEYY" I hadn't reported this before as I couldn't find a fisting for the calls. Tracked down thanks to Atain Pepin and the new FM Atlas. My other May 30th Es catches were reported last month. At 250 watts, this is my lowest powered skip catch!

2245 all North Bay FMs at near local quality 2300 CFPL 95.9 ON London, local ads <u>23 Tr</u> 2228 CBCS 99.9 ON Sudbury, classical mx // CBCM 107.5 2229 CJMX 105.3 ON Sudbury, tocal ads 2235 WYYY 94.5 NY Syracuse, Y-94-FM, current & old rock music

2245 CKO3 97.5 ON London, Blue Jays Baseball 2339 WVOR 100.5 NY Rochester, promo for WVOR beach party

2358 WBEE 92.5 NY Rochester, local ad, ID

2400 WXXI 91.5 NY Rochester, sign off w/SSB 24 Tr

2259 WGR 96.9 NY Buffalo, "97 Rock all request show" ID by man: "The frequency is 96.9, the call sign is WGR-FM Buffalo, the station is 97 Rock."

27 Tr 2202 WBUF 92.9 NY Buffalo, ad con/oldies mix ID at 2209: "Favorited of yesterday and today - FM 93 WBUF" 2230 WNED 94.5 NY Buffalo, classical mx, ID mixing w/WYYY.

JULY 1989 20 Tr

2200 CKPC 92.1 ON Brantford, ID by man "CKPC-FM in Brantford, Ontario, Canada.", weather

23 Tr 2210 WKJC 104.7 MI Tawas City, country mx, "KJC Country", PSA for

events in Northern Michigan 2256 WPHN 90.5 MI Gaylord, Christian Contemporary music, wx,

dual ID with WOLW 91.1 Cadillac

2336 WHSB 107.7 MI Alpena, syndicated oldies program, local ads "Super Gold on Free Energy HSB-108"

2349 WPXY 97.9 NY ROchester, "Power Hits 98PXY 7th Birthday Party"

24 Tr 0005 WCIZ 97.5 NY Watertown, addon mx (usually ADR-sc), "CIZ-FM"

0856 CBON 98.1 ON Sudbury

0900 CBCS 99.9 ON Sudbury, CBC Northeastern Ont network with NE Ont. wx- then into CBC news

0927 CBCE 97.5 ON Little Current, CBC network with talk on documentary producer: the late Donald Brittain, then into instrumental music // CBCS 99.9, CBL 740, etc.

BRTHERN FM DX

Es

B SMOLAREK - 156 OLDWICK ROAD - WHITEHOUSE STATION, NEW JERSEY 08889

MILY 1989

24 WINT 94.9 FL Tallahassee, k 338 WBBN 35.9 MS Taylorsville, K. B-95 Pine Belt Country 5050 WBLX 92.9 AL Mobile, s 110 WCKW 120 WQUE 92.3 LA Laptace, r 93.3 LA New Orleans, s STEREO 101 130 WFFF 96.7 MS Columbia DUBOR COUNTY BROADCASTING PO BOX 191 HUTTINGIURG, IN 47542 Es 700 WUWF 88.1 FL Pensacota, c 732 WALX 100.9 AL Selma, r 737 WFSY 98.5 FL Panama City, r 741 WOOF 99.7 AL DOTHAR

1755 WQXY 95.7 LA New Orlean 1802 WLVN 95.3 MS Lumberton 95.7 LA New Orleans, k 1805 WKKR 97.7 AL Auburn, r 1805 WJDB 95.3 AL Thomasville, r

1306 WZZK 104.7 AL Birmingham, K 1812 WOWW 107.3 FL Pensacola, k, Wow-107

8813 WENN 107.7 AL Birmingham, s 8815 WHMA 100.5 AL Anniston, k, Alabama 100 1820 WJDQ 101.3 MS Meridian, r, Q-101 823 WQUE 93.3 LA New Orleans, s

4828 WGGZ 98.1 LA Baton Rouse, r, Z-98 97.5 MS Oxford, k , MISS 98 1837 WWMS

1838 WFFN 92.9 AL Cordova MYLD 98.5 LA New Orleans, s

1845 KMDL 97.3 LA Kaplan, k 1857 WLTS 105.3 LA Stidell, r. Lite 105

1900 KZLR 94.9 AR Pine Bluff, r 96.5 AL Birmingham, r. Magic 96 \$1901 WMJJ

1921 KKBD 92.9 TX Pasadena, r 99.3 TX Jena, k 41937 KJNA 1943 KITT 93.7 LA Shreveport, r

93.5 AR Monticello 1951 KHBM 12000 WLLX 92.1 TN Minor Hill

12004 WMF0 92.9 FL Ocala, b

5 Es ≉1850 KQDS 94.9 MN Duluth, T \$1851 WAKX 98.9 MN Duluth, T, 99-WAX

\$1855 KZIO 102.5 Wi Superior, r \$1856 WIMI 99.7 MI Ironwood, r

1902 KCRB 88.5 MN Bemidui \$1915 WHUH 97.7 MI Houghton

94.3 ON Thunder Bay 1927 CJSD 7 Es

2058 WJDQ 101.3 MS Meridian, r 2:2102 WOID 93.7 MS Biloxis T

2103 WHER 103.7 MS Hattlesburg. b

2104 WBBN 95.9 MS TaylorsVille, K 2106 KJEF 92.7 LA Jenninas, k (Bob, the state is LA-ac)

10 GW

1700 WRNQ 92.1 NY Poughkeepsie, r, new station 12 Tr

\$2245 WOEZ 100.9 PA Milton, b

2315 WSPI 95.3 PA Shamokin, r 2335 WHTO 103.9 PA Muncy, Y, HOT-FM

E-skip drought resurned the hext week.

July 4th was a great E-skip day. Bill Nienajadly of Clifton, New Jersey was visiting when the opening mappend. The akip was very strong and went Up to 108 FM. The skip July ath and a couple days after was sood but the



PATTEN BROADCASTING - JACKSON, INC.

1700 GLENSHIRE DRIVE :- JACKSON, MI. 48201

POST OFFICE BOX 2127

COLUMBUS, GEORGIA 31902

A Subsidiery of Patten Commi

RTHERN FM DX

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NORTHERN FM DX
Ernest Cooper - 5 Anthony Street - Provincetown MA 02657
Equipment: Realistic STA-52 + McIntosh MR-78 FM tuner
<u>May</u> 1989
                                        July 2 continued
17 Es 1230 WJIS 88.1 FL Bradenton, q
                                           Es 1729 WDLM 89.3 IL East Moline o
      1235 WFCH 88.5 SC Charleston, q
                                              1800 WOI 90.1 IA Ames
19 Tr 1025 CBD 91.3 NB St John CBC EE
                                        4 Es 1934 WMAV 90.3 MS Oxford, c
      1030 CBAF 102.3 NB Fredericton FF
                                              1936 WMAE 89.5 MS Booneville
      1035 CIOK 100.5 NB St John m
                                              1954 KDAQ 89.9 LA Shreveport
30 Es 2041 KABF 88.3 AR Little Rock g, 7 Es 1224 WLPT 88.3 GA Jesup
      reluctant verifier. Whatever
                                              1244 WKGC 90.7 FL Panama City, c
      happened to "Do unto others----?"
                                              1306 WMTM 93.9 GA Moultrie, K
      2101 KLRE 90.5 AR Little Rock, c
                                              1331 WRMF 97.9 FL Palm Beach. k
      2111 KSPQ 93.9 MO West Plains
                                              1349 WLVE 93.9 FL Miami, j
      2120 KZMO 94.3 MO California, kizmo
                                              1359 WHIL 91.3 AL Mobile, c
      2134 KISR 93.7 AR Fort Smith, r
                                              1423 WLRN 91.3 FL West Palm Bch
      2138 WXID 94.7 KY Mayfield, k
                                              1354 WMXQ 94.3 FL Riviera Beach
31 Es 2201 KTTN 92.1 MO Trenton only Es stn
                                                   "The Mix", IDs for Riviera,
June 1989
                                                   West Palm Bch & Boca Raton.
 6 GW 0222 WIOF 104.1 CT Waterbury(WBCN off)
                                                   oldies r
 8 Es 1149 KKFI 90.1 MC Kansas City (1102)
                                              1401 WEEJ 100.1 FL PortCharlotte
           KJTY 88.3 KS Topeka, t, q
                                              1503 WOKC 103.1 FL Okechobee
14 Es 0957 WJXR 92.1 FL Maclenny
1157 WPCS 89.5 FL Pensacola, g
                                              1822 WFAE 90.7 NC Charlotte
                                              1937 WOID 93.7 MS Biloxi, r
      1212 WUWF 88.1 FL Pensacola, c
                                        WDJC 93.7 AL Birmingham
9 Es 1219 KGAC 90.5 MN St Peter, c
15 Es 2100 WSFP 90.1 FL Ft Myers, c
24 Tr 0757 CBHNt 89.5 NS New Glasgow r.
                                                   KBPR 90.7 MN Brainerd
      CBC nx 2 0800 mention of ADT and
                                                   KSJN 91.1 MN Minneapolis
      Labrador time, 1 hr later
                                                   KLSE 91.7 MN Rochester
25 Es 1231 WMAA 91.3 MS Jackson PRM net
                                              1244 KAXE 91.7 MN Grand Rapids
     1234 WMAB 89.9 MS MS State
                                             1325 WCMP 92.1 MN Park City
July 1989
                                       13 Tr 0222 WKOJ 92.7 NY Middletown
 2 Tr 0225 WSCL 89.5 MD Salisbury, c 14 Tr 0200 WWDB 96.5 PA Philadelphia
      0300 WTEB 89.3 NC New Bern
                                             a minor miracle found WTIC off'
Comments: Many of these Es sessions were due to having been alerted by Joe
Fela's phone calls. My sincere thanks, Joe! It's been a good season - any
better and I wouldn't have time to send the reports out!
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John Ebeling - 6843 County Rd. 47 - Alborn MN 55702	
DX from Prosit (Alborn) MN:	
March 1989 May 31 cont'd	July 4 cont'd
10 Tr 2100 KKSR 96.1 MN 2039 KLLL 96.3 TX	1842 <u>KITT</u> 93.7 LA
13 Tr 1000 WHBM 90.3 WI "K triple L"+67 kHz SCA	5 Es 1420 WSNE 93.3 MA
May 2044 KATX 97.3 TX	1423 <u>WCGY</u> 93.7 LA
14 Es 2132 KGNZ 88.1 TX 2050 ???? 107.5	1425 WPAT 93.1 NJ
2150 KYKZ 96.1 LA Spanish, strong, no SCA	1436 <u>WZPK</u> 103.7 NH
2151 KQUS 97.5 AR 2059 KGNZ 88.1 TX 2159 KRVS 88.7 LA 2100 KSJT 107.5 TX	1442 ? ? 105.9
2200 KJJB 105.5 LA 2102 KELI 98.7 TX	Vietnamese? WNWK NJ????
2203 <u>KMAG</u> 99.1 AR k	1444 WTHT 102.9 ME
2218 KRLA 96.5 AR 2119 KNFM 92.3 TX	1451 W <u>VBF</u> 105.7 MA
2223 KRRV 100.3 KA 2121 KMEZ 100.3 TX	1454 WXKS 107.9 MA
2226 KYEA 98.3 LA r 2124 KIXY 94.7 TX	1456 ? ? 107.9 с
2230 KAJN 102.9 LA 2130 KZED 93.5 KS	1458 WSSH 99.5 MA
2220 KADL 97.3 LA 2130 KZED 93.5 KS 2242 KMDL 97.3 LA 2134 KSEY 94.3 TX	1500 WGBH 89.7 MA
ex 97.7, k "k middle" (No June Es logged 20 Es 1930 WSVH 91.1 GA unusua!!!!!) 21 Es 2157 KENW 89.5 NM July	1507 WEBE 107.9 CT
20 Es 1930 WSVH 91.1 GA unusual!!!!)	1512 WBAZ 101.7 NY
21 Es 2157 KENW 89.5 NM July	1525 WFRD 99.3 NH
30 Es 2243 KKIK 93.7 TX 2 Es 1024 KKOR 94.5 NM	1530 WKCI 101.3 CT
2248 KQIZ 93.1 TX r 1028 KKBR 98.5 NM	Tr 2301 WUPM 107.1 MI
"z93" 1030 KRDO 95.1 CO	
31 Es 1945 WQID 93.7 MS 1031 KCME 88.7 CO	
1950 WRNO 99.5 LA 1035 KSPK 102.3 CO	
1955 WNSL 100.3 MS 1036 KRYT 107.9 CG	
"sl100" used 1040 KQNM 93.7 NM	
2000 WQST 92.5 MS 1047 KRCC 91.5 CO	1320 WPIQ 101.5 GA
2005 WQUE 93.3 LA 1431 WRBH 88.3 LA	1335 HICL 94 5 GA
2014 WBBN 95.9 MS 1433 WQUE 93.3 LA	1336 WAEV 97.3 GA
"B93" 4 Es 1800 KHBM 93.5 AR	1 1339 WESC 92.5 SC
	- 1400 WRJA 91.3 PA
•	1,00 0,00 /1.0 17

June 9 Es 1013 WGRC 91.3 PA; 1043 WZFM 101.7 NY; 1050 WNYE 91.5 NY

MA Falconen - Boy 42 -		
TATCONET BOX 83	Clinton, Ontario NOM 1L0 July 2 cont'd J	
ME 1989	July 2 cont'd J	uly 4 cont'd
Trs	1809 KNTU 88.1 TX	2013 WRKX 96.1 FI
41 WJCH 91.9 IL. a	3 Tre & Fe	2014 HYNE 94 9 EL
Sau by Aurora	0244 H 10K 99 3 M (1-1 o	44) 2010 11117 05 7 6
Toe . Se	1445 HOLY 400 CON	717 2017 WLL1 73.7 FL
TILE & ER	1445 WQLX 102.3 DH	2028 WOPD 94.3 FL
61 WFPL 89.3 KY(state 30)	1458 WZMM 107.5 WV Z-10	7 2031 WFLZ 93.3 FL
E KGNZ 88.1 TX g	2110 WRMB 89.3 FL	2040 WPAP 92.5 FL
9 WMUB 88.5 OH wx renort	2114 WMIE 91.5 FL	2043 WCTO 92 1 FI
62 KTYT 88 1 TY	4 Fe best of seese	2040 WOIG /2.1
E	4 ES Dest of Season	2040 WINI 74.7 FL
Irs	MUF above 144 MHz	2100 MUF STIPPED
39 [WKXA] 100.5 OH	1710 <u>KMKS</u> 92.1 TX	below FM band, 53
KX-100 ex WHMQ	1714 WKPX 88.5 FL	new ones includir
Tre & Fe	1714 NOMO 92 3 EI	state #31 beand SC
AE LIVYT O1 E NV -	1710 WOTE 7210 72	- E F-
TO WAAD 71.5 NI C	I/I/ Unit 91.9 // Spanis	sn <u>J Es</u>
MY WILL YI.5 FL ads	1718 <u>WWKA</u> 92.3 FL	2027 <u>KSAU</u> 90.1 TX
56 <u>WSFP</u> 90.1 FL ID	1724 WTLN 95.3 FL	2034 KETX 92.1 TX
Trs	1725 WPOW 96.5 FL Power96	2107 KPFT 90 1 TX
10 MESA 00 3 DA 5 10	1720 HCED ON 1 EI	2112 PTCD 02 1 TV
Ta Ea 4 Ta -	1727 WORD 7011 FL	2112 NISK 72.1 17
IF ES & IFS	1/30 WIMI 73.1 FL	∠∠UU KILI 90.1 SD
14 WJCH 91.9 IL g	1733 <u>WGTR</u> 97.3 FL	22 20 unID 90.1 ??
44 WNDU 92.9 IN Ū-93 ID	1734 WFIT 89.5 FL	stn with Mountain
16 WKIH 96.5 HT TD. ≥d∈	1740 WOTK 00 1 EL	Time zene chack-
to UITO 07 2 LIT 1 i.e. 07 7	D 1744 U27D 02 7 Ft - 41	Time Luke Checks,
00 WEIR 77.3 WI LILE 77 I	0 1740 WZZK 72.7 PL 0/10C	at ID as "ine Beaut"
53 M112 88.1 FF G	1751 WJIS 88.1 FL	[Butte?]
34 W JTZ 92.9 OH r, Z-93	1800 WMCU 89.7 FL	2229 KCFR 90.1 CC
Tr	1805 WIGT 90.9 SC	7 Fs
28 MMRT 90.1 TL o	1919 14601 00 3 EI	1953 10 99 9 33
80 ULTO 07 2 UL	1017 WHO! 70.3 FL	1733 UNID 88.7 ??
90 WLIG 77.3 WI	1820 WPCO 97.5 FL	Strong at times
32 WJCH 91.9 IL g	1821 WMMZ 93.7 FL	with Spanish pgm,
33 <u>wjkl</u> 94.3 IL b	1822 WINK 96.9 FL Wink97	7 mentioned Cubanos
55 [WYLL] 106.7 IL a	1824 WEEJ 100.1 FI	couple of times
t heard as UVEN	1927 TOUE 102 E EL	Bussels Diss Til is
FO LUAD DO 7 TI	1027 WHVE 102.3 FL	Puerto Rico IV In
37 WHAD 70.7 IL	1828 WGEC 103.9 GA	at time on ch 2&4
00 <u>WUWM</u> 89.7 WI	1830 WSOC 103.7 NC	so maybe WEUC?
13 WLZR 102.9 WI	1831 WOCL 105.9 FL	1958 WQCS 88.9 FL
#4 WEZW 103.7 WI h	1833 WORA 107.5 FL	2018 LIETT 20 5 EL
TIJ 1 99 XYMIJ A.P	1925 GTDV 107 0 EL	2020 HCMO 92 3 EI
O LIZTO OF 7 LIT	1000 WIKE 107.7 FL	2020 WAIR 72.3 FE
TO METER 75.7 WI	1037 MOIO 107.7 FE	2022 WHIE 91.3 FL
ZU WKLH 70.3 WI	1840 WWRM 107.3 FL	2023 <u>WLVE</u> 93.9 FL
22 WKTI 94.5 WI	1845 <u>WBJW</u> 105.1 FL BJ105	5 2025 WAQI 98.3 FL
24 WQFM 93.3 WI	1846 WIVY 102.9 FL	2031 WJIS 88.1 FL
36 WDEK 92.5 II	1947 LINEL 101 0 EL	2024 LIMYO 94 2 EL
43 115311 400 3 117	1047 WINEW 101.7 FL	2030 WING 74.3 FL
	1848 MIYS 1111.9 FI	
TO MODELL TOOLS WE	10.0	2041 WGTR 97.3 FL
7 <u>WJZQ</u> 95.1 WI	1850 WUSA 100.7 FL	2041 WGTR 97.3 FL 2044 <u>WNGS</u> 92.1 FL
77 WJZQ 95.1 WI 37 WNIZ? 96.9 IL c	1850 WUSA 100.7 FL 1900 WKES 101.5 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WQHL 98.1 FL
57 <u>WJZQ</u> 95.1 WI 37 <u>WNIZ</u> ? 96.9 IL c unded like WNIB?	1850 WUSA, 100.7 FL 1900 WKFS, 101.5 FL 1901 WKFS, 101.9 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WGHL 98.1 FL
37 <u>WJZQ</u> 95.1 WI 37 <u>WNIZ</u> ? 96.9 IL c unded like WNIB?	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYSC, 100.9 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WGHL 98.1 FL 2101 UNID 92.1
57 <u>WJ20</u> 95.1 WI 37 <u>WNIZ</u> ? 96.9 IL c unded like WNIB? 57 WABT 103.9 IL	1850 WUSA 100.7 FL 1900 WKES 101.5 FL 1901 WYGC 100.9 FL 1904 WFYV 104.5 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WGHL 98.1 FL 2101 UnID 92.1 r oldies, B-92 ID
57 <u>WJ20</u> 95.1 WI 57 <u>WNIZ</u> ? 96.9 IL c 16 WNIB? 57 <u>WABT</u> 103.9 IL 11 WCVJ 90.9 OH g	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC, 100.9 FL 1906 WFYV 104.5 FL 1907 WJGY 106.7 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WGHL 98.1 FL 2101 UnID 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL
17 <u>WJ20</u> 95.1 WI 17 <u>WJ20</u> 95.9 IL c Inded like WNIB? 17 <u>WABT</u> 10 3.9 IL 11 <u>WCVJ</u> 90.9 OH g	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC 100.9 FL 1906 WFVV 104.5 FL 1907 WJGY 106.7 FL 1914 WCVU 94.5 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WGHL 98.1 FL 2101 unid 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL
17 WJZQ 95.1 WI 17 WJZQ 95.1 WI 18 WNIZ? 96.9 IL c 18 WABT 103.9 IL 18 WCJJ 90.9 OH g 18 WSJY 107.3 WI 18 WSJC 102.3 IL	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC, 100.9 FL 1906 WFYV 104.5 FL 1907 WJQY 106.7 FL 1914 WCVU 94.5 FL 1921 KLSK, 104.1 NM	2041 WOTR 97.3 FL 2044 WNGS 92.1 FL 2054 WOHL 98.1 FL 2101 UnID 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL
57 WJZQ 95.1 WI 37 WNIZ? 96.9 IL c Inded Tike WNIB? 57 WAST 103.9 IL 51 WCUJ 90.9 OH g 18 WSJY 107.3 WI 55 WXLC 102.3 IL 51 WTY 94.7 II	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC 100.9 FL 1904 WFYV 104.5 FL 1907 WJQY 104.7 FL 1914 WCVU 94.5 FL 1921 KLSK 104.1 NM	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WQHL 98.1 FL 2101 Unit 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL
57 WJZQ 95.1 WI 57 WNIZ? 96.9 IL c Inded Tike WNIB? 57 WABT 103.9 IL 11 WCVJ 90.9 OH g 13 WSJY 107.3 WI 15 WXLC 102.3 IL 14 WYTZ 94.7 IL	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC 100.9 FL 1906 WFVV 104.5 FL 1907 WJGY 106.7 FL 1914 WCVU 94.5 FL 1921 KLSK 104.1 NM 1929 WSHE 103.5 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WGHL 98.1 FL 2101 UnID 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL Equipment: Icom
37 WJZQ 95.1 WI 37 WNIZ? 96.9 IL c unded like WNIB? 57 WABT 103.9 IL 01 WCVJ 90.9 OH g 13 WSJY 107.3 WI 15 WXLC 102.3 IL 41 WYTZ 94.7 IL	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC, 100.9 FL 1904 WFYV 104.5 FL 1907 WJGY 104.7 FL 1914 WCVU 94.5 FL 1921 KLSK, 104.1 NM 1922 WSHE 103.5 FL 1931 WMLO 104.9 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WGHL 98.1 FL 2101 UnID 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL Equipment: Icom R 7000 reciever.
37 WJZQ 95.1 WI 37 WNIZ? 96.9 IL c unded like WNIB? 57 WABT 103.9 IL 51 WCUJ 90.9 OH 9 13 WSJY 107.3 WI 54 WJC 102.3 IL 54 WJC 94.7 IL 52 WZOK 97.5 IL 54 WGFL 100.9 IL	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC, 100.9 FL 1904 WFYV 104.5 FL 1907 WJQY 104.7 FL 1914 WCVU 94.5 FL 1921 KLSK 104.1 NM 1929 WSHE 103.5 FL 1931 WHLD 104.9 FL 1940 WAPE 95.1 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WGHL 98.1 FL 2101 unID 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL Equipment: Icom R 7000 reciever. Creative Design
37 WJ20 95.1 WI 37 WJ20 95.1 WI 37 WNIZ? 96.9 IL cunded like WNIB? 57 WABT 103.9 IL 11 WCVJ 90.9 OH g 13 WSJY 107.3 WI 15 WXLC 102.3 IL 41 WYTZ 94.7 IL 12 WZOK 97.5 IL 14 WGEL 100.9 IL 17 & 55	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC, 100.9 FL 1906 WFYV 104.5 FL 1907 WJGY 106.7 FL 1914 WCVU 94.5 FL 1921 KLSK 104.1 NM 1929 WSHE 103.5 FL 1931 WMLO 104.9 FL 1940 WAPE 95.1 FL 1942 WXJ 95.7 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WGHL 98.1 FL 2101 unID 92.1 r oldies, B-92 ID 2105 WHFQ 92.9 FL 2106 WFLZ 93.3 FL Equipment: Icom R 7000 reciever. Creative Design CLP 5130-1, 25
57 WJZQ 95.1 WI 37 WNIZ? 96.9 IL c unded like WNIB? 57 WAST 103.9 IL 01 WCUJ 90.9 OH g 13 WSJY 107.3 WI 15 WXLC 102.3 IL 41 WYTZ 94.7 IL 02 WZOK 97.5 IL 04 WGFL 100.9 IL 17 WFL 100.9 IL 17 WHI	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC, 100.9 FL 1904 WFYV 104.5 FL 1907 WJQY 104.7 FL 1914 WCVU 94.5 FL 1921 KLSK 104.1 NM 1929 WSHE 103.5 FL 1931 WMLO 104.9 FL 1940 WAPE 95.1 FL 1940 WAYE 95.7 FL 1944 WEZY 94.1 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WQHL 98.1 FL 2101 unID 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL Equipment: Icom R 7000 reciever. Creative Design CLP 5130-1, 25 element. loa
57 WJZQ 95.1 WI 37 WNIZ? 96.9 IL c unded like WNIB? 57 WABT 103.9 IL 51 WCUJ 90.9 OH g 13 WSJY 107.3 WI 15 WXLC 102.3 IL 41 WYTZ 94.7 IL 52 WZDK 97.5 IL 54 WGFL 100.9 IL Tr & Es 57 WNSN 101.5 IN	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC, 100.9 FL 1906 WFYV 104.5 FL 1907 WJQY 106.7 FL 1914 WCVU 94.5 FL 1921 KLSK 104.1 NM 1929 WSHE 103.5 FL 1931 WHLO, 104.9 FL 1944 WEZY, 95.7 FL 1944 WEZY, 94.1 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WGHL 98.1 FL 2101 unID 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL Equipment: Icom R 7000 reciever. Creative Design CLP 5130-1, 25 element, log
57 WJZQ 95.1 WI 37 WJZQ 95.1 WI 37 WNIZ? 96.9 IL c unded like WNIB? 57 WAST 103.9 IL 01 WCVJ 90.9 0H g 13 WSJY 107.3 WI 15 WXLC 102.3 IL 41 WYTZ 94.7 IL 12 WZOK 97.5 IL 14 WGFL 100.9 IL 17 & Es 17 WMUK 102.1 MI 157 WNSN 101.5 IN	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC, 100.9 FL 1906 WFYV 104.5 FL 1907 WJGY 106.7 FL 1914 WCVU 94.5 FL 1921 KLSK, 104.1 NM 1929 WSHE 103.5 FL 1931 WMLO, 104.9 FL 1940 WAPE, 95.1 FL 1942 WZDJ 95.7 FL 1944 WEZY, 94.1 FL 1947 WZTA, 94.9 FL Zeta, 5	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WQHL 98.1 FL 2101 UnID 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL Equipment: Icom R 7000 reciever. Creative Design CLP 5130-1, 25 element, log periodic at 28'
37 WJZQ 95.1 WI 37 WNIZ? 96.9 IL c Inded Tike WNIB? 37 WAST 103.9 IL 11 WCUJ 90.9 OH 9 13 WSJY 107.3 WI 14 WYZY 94.7 IL 12 WZOK 97.5 IL 14 WGFL 100.9 IL 17 & Es 17 WMUK 102.1 MI 187 WNSN 101.5 IN 189 WROE 94.3 WI	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC, 100.9 FL 1904 WFYV 104.5 FL 1907 WJQY 104.7 FL 1914 WCVU 94.5 FL 1921 KLSK 104.1 NM 1929 WSHE 103.5 FL 1931 WMLO, 104.9 FL 1940 WAPE, 95.1 FL 1944 WZDJ 95.7 FL 1944 WZZJ 94.1 FL 1947 WZTA 94.9 FL Zeta 9	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WQHL 98.1 FL 2101 unID 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL Equipment: Icom R 7000 reciever. Creative Design CLP 5130-1, 25 element, log periodic at 28' with rotator.
157 WJ2Q 95.1 WI 157 WJ2Q 95.1 WI 157 WJ2Q 95.1 WI 157 WABT 103.9 IL 158 WABT 103.9 IL 159 WABT 103.9 IL 160 WCVJ 90.9 OH 160 WCVJ 90.9 OH 161 WCVJ 90.9 IL 161 WYTZ 94.7 IL 162 WZOK 97.5 IL 164 WGFL 100.9 IL 165 WABT 100.9 IL 166 WINSN 101.5 IN 167 WMUK 102.1 MI 167 WMUK 102.1 MI 168 WGB 94.3 WI 168 WGB 94.3 TX	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC, 100.9 FL 1904 WFYV 104.5 FL 1907 WJGY 104.7 FL 1914 WCVU 94.5 FL 1921 KLSK 104.1 NM 1929 WSHE 103.5 FL 1931 WMLO, 104.9 FL 1940 WAPE, 95.1 FL 1942 WXDJ 95.7 FL 1944 WEZY, 94.1 FL 1947 WZTA 94.9 FL Zeta 9 1950 unID 98.1 "Surf 98"	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WGHL 98.1 FL 2101 unID 92.1 r oldies, B-92 ID 2105 WMFG 92.9 FL 2106 WFLZ 93.3 FL Equipment: Icom R 7000 reciever. Creative Design CLP 5130-1, 25 element, log periodic at 28' with rotator. Useff, WNIZ 96.9 simu
57 WJZQ 95.1 WI 37 WNIZ? 96.9 IL c unded like WNIB? 57 WAST 103.9 IL 01 WCUJ 90.9 OH g 13 WSJY 107.3 WI 15 WXLC 102.3 IL 41 WYTZ 94.7 IL 02 WZOK 97.5 IL 04 WGFL 100.9 IL 17 E 5 47 WMUK 102.1 MI 57 WNSN 101.5 IN 59 WROE 94.3 WI 11 KWGB 94.3 TX 12 1989	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC, 100.9 FL 1904 WFYV 104.5 FL 1907 WJQY 104.7 FL 1914 WCVU 94.5 FL 1921 KLSK 104.1 NM 1929 WSHE 103.5 FL 1931 WMLO 104.9 FL 1940 WAPE 95.1 FL 1940 WYDJ 95.7 FL 1944 WEZY 94.1 FL 1947 WZTA 94.9 FL Zeta 9 1950 UnID 98.1 "Surf 98" 1952 WKTK 98.5 FL	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WQHL 98.1 FL 2101 unID 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL Equipment: Icom R 7000 reciever. Creative Design CLP 5130-1, 25 element, log P4 periodic at 28' with rotator. Jeff, WNIZ 96.9 simusts with WNIB 97.1
57 WJ20 95.1 WI 37 WJ20 95.1 WI 37 WJ20 96.9 IL cunded like WNIB? 57 WABT 103.9 IL 01 WCVJ 90.9 0H g 185 WKJC 102.3 IL 41 WYTZ 94.7 IL 12 WZOK 97.5 IL 14 WYTZ 94.7 IL 15 WWJK 102.1 MI 15 WNSN 101.5 IN 15 WKCB 94.3 WI 11 KWCB 94.3 TX 11 1989	1850 WUSA, 100.7 FL 1900 WKES, 101.5 FL 1901 WYGC, 100.9 FL 1906 WFYV 104.5 FL 1907 WJGY 106.7 FL 1914 WCVU 94.5 FL 1921 KLSK 104.1 NM 1929 WSHE 103.5 FL 1931 WMLO 104.9 FL 1940 WAPE 95.1 FL 1940 WAPE 95.1 FL 1944 WEZY 94.1 FL 1947 WZTA 94.9 FL Zeta 9 1950 unID 98.1 "Surf 98" 1952 WKTK 98.5 FL 1955 WRMF 97.9 FL Cas	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WGHL 98.1 FL 2101 unID 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL Equipment: Icom R 7000 reciever. Creative Design CLP 5130-1, 25 element, log periodic at 28' with rotator. Jeff, WNIZ 96.9 simusts with WNIB 97.1 icago. so that is
57 WJ20 95.1 WI 37 WNIZ? 96.9 IL c unded Tike WNIB? 57 WABT 103.9 IL 01 WCVJ 90.9 OH g 18 WSJY 107.3 WI 18 WSJY 107.3 WI 24 WJC 102.3 IL 41 WYTZ 94.7 IL 25 WJC 102.3 IL 41 WYTZ 94.7 IL 26 WJC 100.9 IL 27 & 5 5 47 WMUK 102.1 MI 57 WNSN 101.5 IN 58 WNSN 101.5 IN 59 WNOE 94.3 WI 11 KWCB 94.3 TX 12 1989	1850 WUSA 100.7 FL 1900 WKES 101.5 FL 1901 WYGC 100.9 FL 1904 WFYV 104.5 FL 1907 WJGY 104.7 FL 1914 WCVU 94.5 FL 1921 KLSK 104.1 NM 1929 WSHE 103.5 FL 1931 WMLO 104.9 FL 1940 WAPE 95.7 FL 1944 WEZY 94.1 FL 1947 WZTA 94.9 FL Zeta 9 1952 WKTK 98.5 FL 1955 WRMF 97.9 FL 2007 CAR	2041 WGTR 97.3 FL 2044 WNGS 92.1 FL 2054 WQHL 98.1 FL 2101 unID 92.1 r oldies, B-92 ID 2105 WMFQ 92.9 FL 2106 WFLZ 93.3 FL Equipment: Icom R 7000 reciever. Creative Design CLP 5130-1, 25 element, log P4 periodic at 28' with rotator. Jeff, WNIZ 96.9 simu sts with WNIB 97.1 icago, so that is
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Frank Merrill - P.O. Box 669 - Macomb IL 61455 (309) 833-2661

Equipment: McIntosh MR-78, Channel Master 4408 Stereoprobe 9 antennas mounted at 8 feet and 45 feet, antenna A/B

June 2 Tr 0400 KAYQ 97.7 MO (250mi),0430 KLOZ 92.7 MO (210),0831 K274AA 102.7 Eldridge IA (85),2100 WEIC 92.1 IL (170),2123 WITT 93.5 IL (160),2207 WDQN 95.9 IL (160),15 other new stations today, mostly formerly tough adjacents, etc.; June 3 Tr 1500 WUOL 90.5 KY FIRST LOUISVILLE LOG, FINALLY,2238 WORT 89.9 WI,2258 WLSU 88.9 WI four other new stations today via trs; June 4 Tr 0051 WGKX 105.9 TN (385) I have since found that this is a daily, one of furthest such.0112 WEGR 102.7 TN,0200 KMNR 89.7 MO,0230 WJKL 94.3 IL (165),0233 WFPC 102.3 IN (240),0236 WXLC 102.3 IL (190),0251 WBNI 89.1 IN (300),0256 WBCR 90.3 WI (165),0300 WLUW 88.7 IL (180),0352 WSNX 104.5 IL MI (290),0402 WLNR 106.3 IL (180),0504 WLJE 105.5 IN (210),0602 WAPE 88.1 IN (250) 6000! NOW I can write to the FCC and get my cherished *Heard All Elkhart" trophy,0630 WETN 88.1 IL (160),1505 W221AH 90.1 Beardstown IL (35), plus 15 other new stations from the same general region"; June 5 Tr 0520 WKYU 88,9 KY (325),*MS* 0605 KZEW 97,9 TX (630), WRMF 97,9 FL (1130) apparent MS distance record for 97.9, Es 0657 WRMB 89.3 FL (1150),0701 WMCU 89.7 FL (1165),0706 WAYJ 88.7 FL (1070),0711 WXCR 92.5 FL (970), Tr 1635 WJFE 100.3 IN (310),1721 WPFB 105.9 OH (335),1829 WSLM 98.9 IN (270),1909 KFIN 107.9 AR (330),2316 WKWC 90.3 KY (260) plus 9 more loggings of similar calibre to above Trs: June 6 Es 1700 WCND 89.9 FL (1860) 2058 KMMC 95.9 MO (210),2215 KOMX 94.3 MO (180),2216 KUNQ 99.3 MO Houston (230),2251 KUKU 100.3 MO (240),2259 KCLY 100.9 KS (400) plus 2 more Tr catches: June 7 Tr 8138 WTAD 104.9 IL (220),0359 KCG0 99.3 MO (220),1430 WXAN 103.9 IL (185) plus 3 more via Trs: June 8 Tr 0338 WLAV 96.9 MI (325),1700 WGLE 90.7 OH (350),1859 WUEV 91.5 IN (250),2000 WSUP 90.5 WI (165),2209 KZBB 97.9 DK (405),2331 WSUW 91.7 WI (190), also KWWC-90.5 MO via Trs; June 9 Tr 2208 KKWK 97.1 DK (440),2215 KTCS 99.9 AR (420),2300 88.3 AR (405) GAVE NO LEGAL ID WHATSDEVER; had a Russian student(?) in studio giving his impression of Arkansas; June 10 Tr 0414 KCOU 88.1 MO (120) (extremely tough due to KDHX),0515 KBND 107.5 DK (370),0600 KKBL 95.9 MD (320),0601 KCVO 90.7 MO (230),2042 WSRW 106.7 DH (390), plus 3 more less-significant new via Tr: June 11 Tr 0211 WQSB 105.1 AL (550) (STATE #41),0339 WKLC 105.1 WV (470) (STATE #42), this while still trying for still-needed WUBE Cincinnati---whee!!--would have NEVER been sitting here if I had already heard WUBE so this is DUMB LUCK!.0341 WUBE 105.1 OH (340),0353 WYAY 106.7 GA (590),0428 WKYA 101.9 KY (280) (this may be repular: WVEM-IL s/off daily),0429 WIVK 107.7 TN (480),0446 MMYU 102.1 TN (500),0516 WDRW 102.3 IL (210),0611 WFDX 97.1 GA (590),0650 WMOT 89.5 TN (380),0704 WYHY 107.5 TN (380),0728 WTMG 96.3 TN (380),0759 WIMZ 103.5 TN (480),0801 WKDF 103.3 TN (360),0806 WDCL 89.7 KY (390).0847 WBVR 101.1 KY (310): June 12 MS 0350 WNEW 102.7 NY (860).0400 WHOM 94.9 NH (1020).Tr 0410 WOFX 94.9 NH (330),1144 KTRI 95.9 (250) this one eluded me in many tries, due mostly to KMMC's dominance,1859 KOUR 95.3 IA (130) (3 closer Iowas in the way) plus 6 more loggings via Trs mostly Iowa/Minneapolis; June 13 Tr KBMX 101.9 MO (200) and KJBR 101.9 AR (330) logged earlier before 0100; June 14 Tr WYER 94.9 IL (200) thru WAAG (40), Es 1302 XHRP 94.7 Saltillo COAH (MEXICO) (1100),1306 XET 94.1 Monterrey N.L. (MEXICO) (1160),1334 XHEC 91.9 Sabinas COAH (MEXICO) (1000),1351 X--- 90.1 (MEXICO) "...el programación del Estereo Vida"...not a border Texan, 1406 uniD 106.1 (MEXICO) Chihuahua probably; June 16 bodacious Es to Cuba! 1027 Es WIIS 107.1 FL (1200),1036 WWDS 104.7 FL (1200),1043 WAIL 99.5 FL (1200),1045 CM-- 100.7 CUBA -?? Radio Cadena Habana,1047 WCTQ 92.1 FL (1080),1047 WEOW 92.5 FL (1200),1049 CM-- 90.3 CUBA (heard in 1986 -STILL have no info).1056 WSOR 90.9 FL (1120),1057 WKRY 93.5 FL (1200),1058 CM-- 95.9 CUBA -?? Radio Reloj,1100 CM--102.9 CUBA -?? Radio Metropolitana ID.1105 WOLM 92.7 FL (1100).1121 WJIS 88.1 FL (1040). Tr 1138 WAMZ 97.5 KY (310). Es WAYJ 88.7 FL (1100).1200 CM-- 92.1 CUBA -?? "noticias..en Rebelde, desde la Habana"...Please help, somebody - I'd sure like some information on these five Cubans, as well as the 91.9 (still unID). "Rebelde" heard in Ohio in 1985; June 18 Es 0845 WTMI 93.1 FL (1170),0929 WSEB 91.3 FL (1100),0931 WQLM 92.7 FL (1100),0941 WINK 96.9 FL (1100),0946 WMFQ 92.9 FL (930),0947 WFLZ 93.3 FL (980),0950 WRMF 97.9 FL (1130),0953 WWBA 107.3 FL (990),0958 WSRZ 106.3 FL (1030),1003 WYMF 94.9 FL (990),1006 WOBA 107.5 FL (1170),1011 WCTG 92.1 FL (1080),1014 WAVK 106.3 FL (1200),1021 WCYS 100.9 FL (850),1022 WKL6 102.3 FL (970),1033 WMAU 88.9 MS (650),1042 WCTH 100.3 FL (1200),1046 WRCC 103.9 FL (1100),1054 WFSY 98.5 FL (750),1054 Tr WDDD 107.3 IL (225),1102 WPCS 89.5 FL (700),1108 WAW 101.1 FL (1130),1227 KLTR 93.7 TX (800),1234 KDDK 92.7 TX (1000),1235 XHAAA 93.1 Reynosa TAMS (MEXICO)(1200),1236 KITM 105.5 TX (1070),1245 KROB 99.9 TX (950),1247 KRIX 99.5 TX (1070),1250 KTXF 100.3 TX (1070),1300 X--- 96.9 Tampico TAMS (MEXICO) no Tampico station is listed here in FM ATLAS #12...i310 XHIL 101.3 Monterrey N.L.(MEXICO)(1160),1318 KHDY 88.1 TX (1020),1324 KLTG 96.5 TX (970),1338 XHJD 98.9 Monterrey N.L., 1340 X--- 103.7 Monterrey N.L., cannot find in new FM ATLAS, 1354 XHRK 95.7 Monterrey N.L., 1356 XHMG 102.9 Monterrey N.L., 1358 XHQI 102.1 Monterrey N.L., 1401 XHQC 93.5 Saltillo COAH (MEXICO)(1000),1402 XHRP 94.7 Saltillo COAH...all Mexicans heard were in Spanish. 2100 Tr WXYB 89.3 MI (300),2115 WNUR 89.3 IL (185) thru WDLM, 2129 WEZW 103.7 WI (220),2200 WNIZ 96.9 IL (200),2359 WVGR 104.1 MI (320); 19 GW 0300 WBNH 88.5 IL (60) legal ID, finally got around to it, Tr 0300 KGLS 93.1 KS (460), Wichita KS 89.1/101.3/97.9 (410), KSKG 99.9 KS (380), KOEZ 92.3 KS (400)...looked really promising, but had completely fizzled out by 0500; 20 Tr 0043 WMLI 96.3 WI (200),0538 WWRW 103.3 WI (2805,0612 KWEN 95.5 OK (410),0648 WDOR 93.9 WI (330),0705 WCLQ 89.5 WI (300) atop WNIU, unlikely to relog, 0708 WHRM 90.9 WI (230),0810 WLNR 104.9 WI (230),0820 WKBH 105.5 WI (250),0831 MLJY 106.5 WI (300)...UNDER WRVR, had to tune to about 106.575 to get it via "splatter method"...0852 WGLC 100.1 IL (130)...under 4-mile-local WKAI, had tune to about 100.2 to hear this...0853 WCCI 103.1 IL (115)...better than WGLC was but still under local and heard by tuning to 100.2...0906 WPRE 94.3 WI (175),0919 WIMK 93.1 WI (350),0930 (LOCAL WILM-91.3 NOTED OFF for first time since I moved to Macomb!) 0932 KBIA 91.3 MO (120),0935 WHHI 91.3 WI (190),0938 WHNO 107.1 WI (220),1001 WCS6 91.3 (320),1030 KDFR 91.3 IA (200),1042 WBKY 91.3 KY (360), 1300 Es WSEB 91.3 FL (1080) relog (of all possible Es to occur with my local off, why did it have to be THIS one?) 2026 Tr KIXQ 93.9 MO (320), 2123 Es KAFF 92.9 AZ (1270),2132 KRAZ 96.9 NM (1000), 2150 Tr KUNO 90.7 NE (290),2158 KIOS 91.5 NE (290); June 21 Tr 0134 KTCZ 97.1 MN (340),0159 KTIS 98.5 MN (340),0204 KCBN 92.1 MO (220) <u>MCAZ_OFF!</u> 0210 MAVC 105.1 MM (430),0223 KD0G 96.7 MM (250)...am glad that MKXQ-96.7 Rushville IL now bosts 16 hours, formerly ALL NIGHT...0253 WRLD 105.3 WI (320)...KLYV-IA underneath the duct...0314 KCLD 104.7 MN (398),0400 KJLY 100.9 MN (270),0405 WJJY 106.7 MN (440),0450 KRZZ 95.9 KS (390),0452 KGAM 90.7 KS (400),0539 KEGS 101.7 KS (340),0622 KJCK 94.5 KS (400) atop KRXL-MO same direction...0630 KSOF 91.1 KS (410),0705 KNZA 103.9 KS (280)...this one audible ONLY on the lower antenna...0711 KELR 105.5 IA (190)...very tough between KZZT-MO and KILJ IA both much closer...0806 KTAV 92.1 IA (130) o/WCAZ, 0810 KGLS 93.1 KS (460)...local quality...0841 KONS 95.9 (390),0911 KHCD 89.5 KS (390),0912 KHCC 90.1 KS (430),0943 KEBC 94.7 OK (510),0953 KHUT 102.9 KS (430),1015 KCEV 88.3 KS (410); June 24 Es 1628 XHSRÓ 92.5 Monterrey N.L. (1160); June 26 Tr 0409 LANK 94.1 OH (340).

THERN FM DX

250

OCTOBER

MERRILL'S REPORT - continued

26 Tr 0409 WMNK 94.1 DH (340); June 27 Es 1332 92.3 AZ (1270).1348 KFLR 90.3 AZ 1 270): June 28 Tr 0400 KAUR 89.1 4360),0400 MS CBL6 89.1 ON (620),0606 KWIT 90.3 (320); July 5 Es 1743 CBJ 100.9 Qt /3EC (1250),1745 CITE1 102.7 TSS (1990),1746 CBH 102.7 NS (1400) 1753 WMJX 106.7 MA (1010),1754 CBHB 106.7 NS (1. 7),1754 CBHA 90.5 NS (1400),1755 93.5 QUEBEC (940),1757 CJOM 92.1 QUEBEC (1000),1801 CBAF14 102.3 (1300),1801 CBOF 8 102.1 ON (820).1802 CBF10 101.1 MEC (990),1803 CBOF6 98.1 (900),1804 CBV5 93.7 QUEBEC (1030),1804 CKHJ 93.1 NB (131°),1805 CBGA10 89.3 QUEBEC iD),1806 CFGM 103.9 NB (1350),1806 CBAF29 88.1 PEI (1450),1806 CBAF26 88.5 NB,1817 93F 100.7 QUEBEC (940),1818 WTMS ME (1215),1819 CBF11 96.1 QUEBEC (980),1826 CB-- 105.7...//96.1, 102.3 (NOT LISTI I FM ATLAS #12), 1828 CBV 95.3 EMEC (1060); July 7 Tr 1309 CJOM 88.7 ON (400),1312 WONC 89.1 IL, Es 1421 CFGR 92.5 PJEBEC (940),1448 WBJB 90.5 NJ 20.2035 KANW 89.1 NM (930),2035 KRST 92.3 NM (930),2041 KHFM 96.3 NM (930) 2042 KZI ₹ 94.1 (930),2048 KRFM 96.5 NM 2106 (1050), 2052 KUPD 97.9 AZ (1270), 2056 KWAM 93.5 AZ (1160), 2059 KKJY 100.3 NM (930), 210: 8(TDB 89.7 NM (1050), 2106 KNNB AZ (1170),2113 KLYT 88,3 NM (930) relog thru local WIUS, no problem, 2116 KNFT 11 W.9 NM Bayard (1100),2121 KARS 7 NM (960),2128 KBNA 97.5 TX (1065),2131 K237BU 95.3 Gage NM (KXKK- 97.9) (1120)... 0t took about 20 minutes to figure is out...slight Es lull after KLAQ-95.5 gave me a chance to call KXKK...2139 KBCQ 9: I NM (810),2142 KWHK 107.1 TX 21.50 ,2143 KSNN 98.7 NM (1000),2146 KDJW 94.1 TX (705),2148 KEZB 93.9 TX (1065),2148 | TSF 96.9 TX (705),2151 KLAD 95.5 (1965),2200 KTEP 88.5 TX (1965),2201 KAMZ 93.1 TX (1965),2215 KAFF 92.9 AZ (1200); ily 8 Es 1132 KXKQ 94.1 AZ 28170) 1155 KKRQ 93.7 AZ (1240) 1303 XHSAB 89.5 Sabinas Hildago N.L. (1100); July 9 Et ...this Es opening best on the init tower (usually low antenna is best)...1005 WAMJ 95.7 ME (1150),1009 WAME 92.3 ME 1050),1010 WPBC 92.9 ME (1158),1016 CBAF19 92.3 NS (1400),1018 WCDD 106.1 MA (1030),1024 WCIB 101.9 (1000),10: WKSQ 94.5 ME (1150),1034 WTVL #3.5 ME (1050),1045 CIEL 98.5 QUEBEC (920),1046 CBAF28 100.3 NB (1170),1048 WTHT 102. 1 (1050),1051 WHEH 90.9 ME #1150,1051 WHEM 106.1 ME (1250),1051 WHED 89.7 (1230),1105 CIOO 100.1 Halifax NS (14 7) TOTALLY DEMOLISHING mile-local WKAI!...1107 CB-- 97.9 NB -?- mono CBC Radio "This is CBC Radio in New Br 'swick" and into NB weather, in mai-rare regional break from the network. Until at least 1280, a seperate "ATLANTIC" aono English Radio feed was ted. This 97.9 not in FM Atlas...1109 WJFD 97.3 MA (1000),1115 CBO 103.3 ON (870),1 23 CFGM 103.9 NB (1350),1126 F-1 104.3 QUEBEC,1126 CBJ 100.9 QUEBEC (1250),1126 CBOF 102.5 QN (870),1128 CITF 10; 5 QUEBEC (1060),1132 CJBR 101.5 MEREC (1200) // 102.5, 104.3. Though listed as noncommercial in FM ATLAS, I've under: nod before that CJBR-AM-900 is common (as when I drove up there in 1984). Are these two facilities PART-CBC, perh: 13???...1133 CIBM 107.1 QUEBEC \$250),1136 CB2C 103.3 NB (1280) // 90.5, and it was at this point that I verified the CBC mono English had broken away the EAST satellite feed (for the Maritimes)...1138 CBJE 107.9 QUEBEC (1250),1138 3VE 104.7 QUEBEC (1060),1143 CIKI 0.7 QUEBEC (1200),1148 CBHY 92.1 NS (1270),1151 CBJ3 93.1 QUEBEC (1130),1154 CBH1 93 QUEBEC (1350)// 104.7 and mglish EAST on ANIK...1155 CBVR 103.5 QUEBEC (1300)//93.7, 104.7...1156 CBSI24 106.1 JEBEC (1350)//93.1 and ANIK French EAST feed....NOTE: I can never count CBGA11 in future unless 2 fighting...1157 | IAB 94.5 QUEBEC (1250),1201 -?-12.5 QUEBEC...likely CKDO Baie-Comeau...1203 CHOC 92.5 QUEBEC (1200)...STEREO contrary to FM ATLAS...1218 CKHJ 93.1 EEEEC (1300),1219 CB-- 92.9 ?? //93.1 and ANIK French EAST mono. Only 83-watt CBFA2 Dedjiwan is listed in new FM MAS. Right in the path of Es at the time (see 1244) but is there something else thy a now?...1244 CJMV 102.7 QUEBEC #50)...jingle giving calls in French...I shall never, ever hear this again...no othen; 74 at 1244...Tr 2049 WBYR 98.9 OH 105.9 NE (450),2147 KRAN 93.1 NE (450),2200+ tKAMI 104.5 NE (480)..DRAT, KESY faded up at wrong times...2341 KRKY 105.9 105.9 NE 103.5 MI Detroit WARM 98.5 OH (340), 0210 WAMAN 106.7 MI (400),0225 WOMC 104.3 Mg (400),0230 WMUZ 103.5 MI Detroit *#00)...behind WFYR. All-too-brief Detroit opening fades; my first Detroits here (ong of my most-wanted cities); I Manted 102.7!!...0349 WNCI 97.9 OH (410),0400 WPZZ 95.9 IN (250),0406 WDX 94.9 OH (42),0408 WANO 106.1 OH (440) broke through KLSS-IA,0410 WOXK 105.1 OH (520),0432 WUCH 91.7 MI (360),0500 WHBC 94.1 DH (41),0515 WWSN 107.7 DH, Es 1020 **3800J** 95.7 FL (1180), 1018 MMXJ 102.7 FL (1140),1220 XHAAA 93.1 Reynosa TAMS (1090); 60 €1600 WJEQ 102.7 Macomb IL (1.25 mi) formerly 103.1..Tr 2100 WAKO 103.1 IL (190),2349 WAWC 103.1 IL (150); July 13 Tr | 40 WCDV 103.1 IN (200); July 14 > 0702 WGBF 103.1 KY (250),0714 WKTG 93.9 KY (270),0742 WMSK 95.3 KY (230),0805 WBNL, 107.1 IN (270),0814 WCVK 90.7 KY 330),0827 WRIK 98.3 IL (240),0836 WRAJ 92.7 IL (220),0855 WWRY 105.1 TN (350),0912 W.Y 101.7 IL (180),0936 WSOF 89.9 MY (278)...Total now 1,137 logged.

Note: most all stations listed in report were indicated is <u>new</u> loggings.

Comments: It's good to finally be truly set up for hard one FM-DX for the first time in four years. In the above I have failed to list any tentatives which will not be resolved, nor have I listed Es signals which! I wasn't able to ID will not be resolved, nor have I listed Es signals which! I wasn't able to ID uring the opening in question (either relogs, or stuff hat would've been new).

In report is long enough without all of those! This should be the longest FM. port I will ever send, because I doubt I will ever aga in have 336 newies in such a short time. If Es ever reaches the point that regions are a really high Percentage of total loggings, as could happen within 3 c4 4 years from now ill probably summarily describe what was heard, withou ill sting dozens of Specific relogs.

out there use a 64C for keeping track of your DX, I'd like to compare notes with

Robert Ross (VE3JFC) - Box 4373 Stn C - London, Ontario CANADA N5W 5J2 Equipment: Marantz 2226B receiver, FM beam antenna June 1989 July 4 continued 29 Tr 2003 WMFQ 92.9 FL Ocala July 1989 2007 WYNF 94.9 FL Tampa i Tr 2014 WYGC 100.9 FL Gainesville 1524 WPHN 90.5 MI Gaylord "GC101" C/W music 1605 CJQM 104.3 ON Sault Ste. Marie 2022 WUSA, 100.7 FL Tampa 3 Es 2028 WFCE 88.9 FL Tarpon Springs 2047 WZTA 94.9 FL Miami Beach 2031 WNLT 95.7 FL Clearwater 2055 WEZY 94.1 FL Lakeland 2054 WHVE 102.5 FL Sarasota 2101 WHTQ 96.5 FL Orlando 2103 WPCF 100.1 FL Panama City 2116 WAYJ 88.7 FL Ft Myers "FM100" ID...into gospel music 5 Tr 4 Es \$ 1637 WHCE 88.5 ME Bangor 2201 WKQZ 93.3 MI Midland ID as "KQZ"...rock music 1645 CBAF26 88.5 NB Moncton 2229 [WUPS] 98.5 MI Houghton Lake CBAF29 88.1 PEI Charlottetown 1712 KXMR 93.9 TX Corpus Christi 5 Es 1720 WKIS 99.9 FL Boca Raton 2214 KGCH 93.1 MT Sidney ID as "93 Country", C/W music 1737 WCTQ 92.1 FL Venice 1741 WEEJ 100.1 FL Port Charlotte 7 Es 1742 WGNI? 102.3 "stay with GNI" 1822 ZBM 89.1 BERMUDA Hamilton New country #4 on FM, in solid for 1746 WMXJ 102.7 FL Pompano Beach half an hour, r, IDs as "FM 89 - ZBM 1759 WLYF 101.5 FL Miami 1800 WHQT 105.1 FL Coral Gables Bermuda" 15 Kw only 1835 ZFB 94.9 BERMUDA Hamilton, 1 kw 1805 WZLS 96.7 GA Valdosta only, MOR music...Perry Como, Louis 1818 WJHM 101.9 FL Daytona Beach Armstong, big band music...no ID heard 1832 WRBQ 104.7 FL Tampa but called station and verified it... 1842 WINK 96.7 GA Valdosta 1844 WKGR 98.7 FL Fort Pierce 2021 WEDR 99.1 FL Miami "StarForce 99" 2037 WMIE 91.5 FL Cocoa 1851 WFYU 104.5 FL Atlantic Beach 1855 WOCL 105.9 FL Deland WFIT 89.5 FL Melbourne 2057 WGNE 98.1 FL Titusville c/w 1858 WAXY 105.9 FL Fort Lauderdale 1859 WQBA 107.5 FL Miami ex 98.3 MHz 2108 WSHE 103.5 FL Ft Lauderdale 1913 WDIZ 100.3 FL Orlando 2106 WDUV 103.3 FL Bradenton 1922 WSTF 101.1 FL Cocoa Beach 18 Es "Star 101" pop music 2112 WSFP 90.1 FL Fort Myers 1926 WWLV 94.5 FL Daytona Beach 19 Tr 1933 WCTH 100.3 FL Plantation Key 1945 WKES 101.5 FL St Petersburg 2254 WRQK 106.9 OH Canton "Kesick Radio"...also mentioned their 22 Tr 0351 WFMK 99.1 MI East __nsing AM station in Indian Rocks 2000 WFTI 91.7 FL Melbourne 22 Es 1730 KEYA 88.5 ND Belcourt "Listener supported Family Radio" ID as St. Petersburg-Tampa, into 23 Tr cospel music and religious talk 2356 WBSU 89.1 NY Brockport 24 Tr 0034 WBER 90.5 NY Henrietta

(Robert, are you sure your 102.3 unID was not on 102.7? Your logging sounds a lot like WGNI 102.7 Wilmington, N.C. I did note short skip on July 4th -qc)

P. O. Box 610

Pittsburg, Kansas 66762

A wicked E-skip opening on July 4, 1989. Started on East Coast/Maritimes and moved down into Florida for four hours solid. MUF to 107.9 MHz Over 30 new stations logged in one night!!





WYYS.FM 1132 West Kemper Road

you. Good DX. Mike

1040

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303 Equipment: McIntosh MR-78 FM Tuner w/\$ Probe 9 CM Antenna and rotor at 37 ft. - CDT

August 1989 6 MS 1242 WGTR 97.3 FL Miami, r\$ 1040 0533 KOYN 93.9 TX Paris 719 (S. FL relogs - had to leave) 6 Es 1030 KACV 89.9 TX Amarillo, r\$ 965 2143 KIXQ 93.9 MO Webb City-Joplin 1200 KENW 89.5 NM Portales, bs 1071 2353 KIXQ? 93.9 MO Webb City-Joplin 533 1958 KPPR 89.5 ND Williston, c\$ 1058 18 Es 2007 KDSR 101.1 ND Williston, r\$ 1058 0505 WJIS 88.1 FL Bradenton, g\$ 892 2021 KPQX 92.5 MT Havre, k\$ 1300 (calls and wx for Bradenton and area) 2044 KRYK 101.3 MT Chinook-Havre, r\$ (Earliest a.m. Es ever seen!) (o/WFMG 101.3 IN Richmond) 1050 WJIS 88.1 FL Bradenton. 892 2056 CIZL 98.9 SK Regina, rp\$, 1173 back again! (o/WBYR 98.9 OH Van Wert) "Zed-99" 1125 WBVM 90.5 FL Tampa, g\$ 861 Previous MS 1128 WSOR 90.9 FL Naples, g\$ 992 2100 CBK 96.9 SK Regina, CBC \$ 1173 23 Es 2100 KXEI 95.1 MT Havre, g\$ 1300 2117 KTAK 93.9 WY Riverton, r\$ 1195 (o/WAJI 95.1 IN Fort Wayne) 95.5 WY Casper, r\$ 2121 KTRS 1095 2106 KGCH 93.1 MT Sidney, wx, k\$ 1040 (o/WFMS 95.5 IN Indy) (o/WKLR 93.1 IN Indy) 2139 KTRZ 93.1 WY Riverton, ads, \$ 1195 2138 KMMR 100.1 MT Malta, r\$ (o/WKLR 93.1 IN Indy) (o/WBGT 100.1 IN Bluffton) 2142 KLZY 92.5 WY Powell-Cody, r\$ 1210 2156 KZIN 96.3 MT Shelby, r\$ 1400 2214 KYCS 95.1 WY Rock Springs, r\$ 1255 7 MS 0432 KOYN 93.9 TX Paris (o/WAJI 95.1 IN Fort Wayne) 719 2216 KDAB 101.1 UT Ogden, rj\$, calls 1402 8 MS 2221 KQSW 96.5 WF Rock Springs, k\$ 1255 0405 KKMK 93.9 SD Rapid City 953 24 tr 9 MS 0211 KTEZ 101.1 TX Lubbock 0300 WDNS 98.3 KY Bowling Green, r\$ 230 1017 1700 WMCI 101.3 IL Mattoon-150 10 MS (first day on air) Charleston, k\$ 0500 KHCD 89.5 KS Salina 658 (o/WFMG 101.3 IN Richmond) 11 MS 25 tr 625 2200 WRIZ 106.3 MI Lakeview-Chippewa 210 0512 WTBX 93.9 MN Hibbing, ex-WKKQ calls (very faint) Lake-Belding, r 0538 KILO 93.9 CO CO Springs 1040 28 tr 0557 unID 93.9 ?? ?? ???? 0100 WDMX 100.1 WV Vienna-Parkersburg 210 12 MS "Mix-100," r\$ oldies O136 KOYN 93.9 TX Paris 719 1700 WCJC 99.3 IN Van Buren-Marion, 30 0159 KILO 93.9 CO CO Springs . 1040 (first day on air) k\$, "C-99" 0313 WNOR 551 29 MS 551 1303 WPCS 89.5 FL Pensacola 98.7 VA Norfolk 0418 WERO 89.5 VA Norfolk 682 773 30 tr 0015 KKJO 105.1 MO St. Joseph, r\$ 0430 KVNE 89.5 TX Tyler OOOO KTEO 93.9 TX San Angelo 1025 0100 WZOM 105.9 OH Defiance, 100 OOOO KMXR 93.9 TX Corpus Christi 1098 (new to airwaves) r\$ oldies 0137 WWLV 93.9 FL Miami Beach 1040 31 tr 0138 KMXR 93.9 TX Corpus Christi 1098 0038 KBKB 101.7 IA Fort Madison, r\$ 0453 KIXQ 93.9 MO Webb City-Joplin. 533 (Station # 1700) Previous tr 0100 WIXN 101.7 IL Dixon, k\$, s/off 2300 KHCD 89.5 KS Salina 658 0102 WZOE 98.3 IL Princeton, mr\$ 240 14 Es September 1989 1240 WWLV 93.9 FL Miami Beach 1040 1 MS (new underlined - dashed=new propagation) 0150 KILO 93.9 CO CO Springs

Many thank yous to Alain Pepin of St-Jean-sur-Richelieu, Quebec for listening to the tape recordings of my two French Canadian stations. The loggings of 96.9 CFIX Chicoutimi and 98.7 CIKI Rimouski, Quebec, were correct. CFIX's on hour ID is: "La musique, cent mille (100000) watts, C-Fix, quatre-vingt-seize virgule neuf (96.9)." Regarding 98.7 CIKI Rimouski, Alain states that the evidence points to CIKI Rimouski and is overwhelming. The taped jingle says, "Les meilleurs souvenirs, FM-98." Help in IDing French Canadian FM's is certainly appreciated, as I don't like to guess at station IDs. It's always best to be positive and have tapedinformation. Too bad that more French Canadians don't give some kind of ID.

- To Next Page -

Ralph Strobel's report continues:

Meteor Scatter Findings:

KOYN "...a look at the Coin-94cast..." KOYN "...KOYN..." KKMK "...KKMK yesterday said..." KTEZ "...KTEZ 101.1..." 8/10 KHCD "... These programs on KHCC and KHCD are funded in part by Shepler's in Wichita ... " 8/11 WTBX "...94-WTBX..." KILO "...on Kilo..." unID "...downtown Dimble..." 8/12 KOYN "...It's 1:36 - KOYN..." KILO "...We're KILO Colorado Springs-Pueblo... WNOR "...Rock 'N Roll - FM-99 WNOR Led Zeplin - seven in a row...Rock 'N Roll..." WHRO "... WHRO-FM..." KVNE "...on KVNE. Good morning..." 8/13 KTEO "...The KTEO wx forecast calls for mostly cloudy skies this morning with now with no waiting and a friendly a 20% chance of thunderstorms. The low 68 operator on the other end waiting to degrees. Mostly cloudy skies today with a take your call. Here's that number for 50% chance of thunderstorms, high of Florida: It's 1-800-...WPCS..." 85..." (Edited 35 second burst) 9/1 KILO "...at 633-KILO when we KMXR "...This is the new mix 93.9

KMXR Corpus Christi. Good morning -12 o'clock - time for..." WWLV "...a message from the FL Development of Health and Liabilitative services - Florida's ... and this station ... " (Edited 45 second burst) KMXR "...93.9 KMXR..." KIXQ "...on Kix-94 continuous country favorites. Michael Johnson there - I Will Whisper...seven minutes till 5 o'clock ..." KHCD "...KHCD for..." 8/16 KIXQ "...from Cindy for Joplin..." KIXQ "...If anyone asks you in all honesty what radio station you listen to, tell them my radio sticks to kix and win 94 dollars cash instantly. To increase your chances, send us your name..." 8/29 WPCS "...that line is open right

fire up..." As was the case last year, the Perseid meteor showers (August 8-14), found only one new station. A number of relogs were heard on the few usable frequencies. The best day for meteor scatter found last year was October 21st of 1988. What I thought was E-skip was actually being caused by meteors. WRR 101.1 Dallas was in solid for a good five minutes. The signal meter (scale of 1-10), was pinned at 8: The announcer was talking and mentioned Dallas, as well as WRR. I had perfect timing. The signal was not fading, as Es often proves to do. Instead, there was a jerkiness to the signal. The signal meter did not move. On 93.9, 88.3 and 88.1 I had the same effect, but no IDs. I checked the TV set and there were no signs of Es. Now I am convinced that a meteor larger than the state of

If I hear a non-ID by MS, I may count it as a meteor logging, but usually only when I have heard the same station previously by tr or Es. For instance, I taped "U-93.9" but did not count this as a MS logging until I heard WZZU Burlington, NC by tr to be positive it was their slogan. I also search through Bruce Elving's information which also confirms what I hear. There may be a few exceptions, however. I finally counted KIXQ 93.9 Webb City-Joplin, MO as a MS catch. I've previously heard KIXQ by tr. There are two "Kix/Kicks-94's" on 93.9. WKXZ Norwich. NY is "Kicks-94." I counted KIXO as MS because the time was given. It was CDT, the same time Muncie is on. Norwich, NY would have been an hour ahead. The only station counted as new by MS with only hearing a non-ID was "DC-101" in Washington, DC. "DC" are two of the four call letters, and certainly there would not be more than one "DC-101" on 101.1. If Bruce's information proved otherwise. WWDC would be deleted from my log.

Texas was the cause of this! October 20-21 are dates to watch again.

The July E-skip was more productive than May or June. The days in August that I found E-skip were a bit surprising. Skip on August 14 and 23 is unusual. Unfortunately, I only found one new station on the 23rd. Many openings were in locations I've heard skip from in previous years, so the same relogs appear. How many of you noticed how many Sundays we had skip? Sunday seems to be the worst day of the week for stations to identify. Sunday morning skip finds many religious programs, while the evenings have continuous country countdown or top 40 type programs. You may be lucky to hear an ID after a string of commercials, but don't always count on it! +++++++++++

AUGUST 12 TROPO

K--- 96.1 MN Albert Lea. "Power 96", 3 kw

0900 KMSUt 91.9 MN Albert Lea. 10 w.

0925 KTISt 103.9 MN Albert Lea

0927 KLSEt 94.3 MN Austin

AUGUST 14 TROPO

AUGUST 15 TROPO

AUGUST 16 TROPO

AUGUST 17 TROPO

AUGUST 18 E-SKIP

WGFM 105.1 MI Chebovgan, r

WKHQ 105.9 Mi Charlevoix, r

WPLB 107.3 Ml Greenville, k CJQM 104.3 ON Sault Ste Marie, k

WJCH 91.9 IL Joliet, a

WHSB 107.7 MI Alpena

sign off at 0100

sign off at 0200

WILLIA

2130-0000

0026 KLSEt 106.3 MN Winona

0830 WUAL 91.5 AL Tuscaloosa

AUGUST 18 SUPER TROPO

AUGUST 19 SUPER TROPO

0100 WWJR 97.7 WI Sheboygan, s/off, rock oldies, (WAQE off 0000)

0120 WJIM 97.5 MI East Lansing, b, KNXR

0255 WLCS 98.3 MI N.Muskegon, r. old

0300 WCSG 91.3 MI Grand Rapids, ID, wx,

WHHI off the air (You are lucky to have so

classic hits, WNBI off at 0000

many stations signing off!!-gc) 0303 WJMQ 92.1 WI Clintonville, ID briefly thru

0322 WKFR 103.3 MI Battle Creek, r

0334 WLAV 96.9 MI Grand Rapids 0330 WWKI 100.5 IN Kokomo, k

2154 WKXA 100.5 OH Findlay, r, 8/18

2300 KFAE 89.1 WA Richland, "Northwest

Those new; relogs 8-19 Tropo:

0200 WIAA 88.3 Mi Interlochen 0124 WMEE 97.3 IN Fort Wayne, r

0152 WIOG 102.5 MI Bay City, r

AUGUST 23 E-SKIP

AUGUST 24 TROPO

2320 KLSEt 106.3 MI Winona

Public Radio"

2130 KATX 97.3 TX Plainview

2200 KIOK 94.9 WA Richland, ID

0125 WWIBt 92.7 MN St.Charles

0228 WRUP 103.3 MI Marquette, ID, r, WWRW

1620 WMGI 104.9 WI Stevens Point 1630 WYTE 96.7 WI Whiting, k. White 96

0118 WMLI 96.3 WI Sauk City, Lite 96

0756 WRJO 94.3 WI Eagle River, k

same music/non ID as KQCL-95.9 Faribault!!

2200 KGCI 97.7 IA Grundy Center, literock, nx

JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, M.J. - 07080 Equipment - McIntosh MR-78 tuner, a pair of CM Stereo Probe 9s. stacked, with rotor at 40 ft

Time: ELT SULY 1989 7 Es (continued from last month) 7 Es (continued from la
The Continued from last month
1510 KXLS 99.7 OK AIVa-Enid, call, r 1333 1658 CBNM 90.3 NF Marystown, CBC 1061 1068 CBNM 90.5 NF Halifax, // to CBNM 1658 CBNM 90.5 NF Halifax, // to CBNM 1618 1706 CKPE 94.9 NF Sydney, ending nx, "K-94 FM", into k 1814 1706 CKPE 94.9 NF Sydney, ending nx, "K-94 FM", into k 1814 1706 CKPE 94.9 NF Sydney, ending nx, "K-94 FM", into k 1814 1706 CKPE 94.9 NF Sydney, ending nx, "K-94 FM", into k 1814 1706 CKPE 94.9 NF St. John's, CBC with 1707 CBNM 1814 1
1658 CBMM 90.3 NF Marystown, CBC 1061 1658 CBMM 95.3 PQ Cap-aux-Meules, same CBC stuff as CBMM and CBHA 781 1703 CBM-2-44 95.9 NS Sydney, ending nx, "K-94 FFM", into k 814 1706 CKFE 94.9 NS Sydney, ending nx, "K-94 FFM", into k 814 1718 CBHM 106.5 NS Middleton, CBC (previous via Tr) 562 1730 CBN 106.9 NF St. John's, CBC with
1658 CBRA 90.5 NS Halifax, // to CBNM 618 1659 CBVM 95.3 PQ Cap-aux-Meules, same CBC stuff as CBNM and CBHA 781 1703 CBAF-24 95.9 NS Sydney, FF 814 1706 CKPE 94.9 NS Sydney, ending nx, "K-94 FW", into k 814 1706 CBE 94.9 NS Sydney, ending nx, "K-94 FW", into k 814 1706 CBE 94.9 NS Sydney, ending nx, "K-94 FW", into k 814 1706 CBE 106.9 NF St. John's, CBC with 10 more city and frequency but no call letters 182 1022 KBE 97.7 LA Marksville, ID, ad 1184 102.2 T
directional to protect WFMU as same CBC Stuff as CBNM and CBHA
Same CBC stuff as CBNM and CBHA
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1706 CKPE
"K-94 FM", into k 1718 CBHM 106.5 NS Middleton, CBC (previous via Tr) 562 1730 CBN 106.9 NF St. John's, CBC with TD giving city and frequency but no call letters 1182 2023 KAPE 97.7 LA Marksville, ID, ad 1184 2023 KAPE 97.7 LA Marksville, ID, ad 1184 2028 WWAV 102.3 FL Santa Rosa Beach "Wave 102" 969 2038 WOOF 99.7 AL Dothan, promo, "Woof-FM" 891 2038 WOOF 99.7 AL Dothan, promo, "Woof-FM" 801 2038 WOOF 99.7 AL Dothan, promo, "Woof-FM" 801 2039 WQEZ 99.3 FL Ft. Myers Beach, "Light and Easy 99" + call 1067 2040 KJNA 99.3 LA Jena, "99-KINA" 1164 2043 KENYO 104.9 LA Tallulah, promo 2112 WHOD 104.9 AL Jackson, old r, call 978 2112 WHOD 104.9 AL Jackson, old r, call 978 2115-1140 probable WDZQ-95.1 IL and most certainly Indianapolis-107.9 while in car (but call didn't sound like WFPI). 1142 KLKS 95.3 MN Breezy Point, KLKS used as a word (K-lecks) 1081 1158 KQWBt 98.7 MN Morehead, local ad o/WKKS but not quite enough to count 1200 {WSCN} 100.9 MN Cloquet,legal ID,MPR 961 1120 KKDL 95.1 MN Detroit Lakes, [egal ID, prev. logged as KVCR-95.3 1154 1202 KNNS 96.9 MN Grand Rapids, "KS-97" 1055 1205 CBQT 90.5 ON Ft. Frances, wx 1085 1206 CBON-18 88.1 ON Sault Ste. Marie, FF 643 1207 CBON-20 89.3 NO Thunder Bay, FF 907 1207 KBLD 307 KBLD 95.1 TL and most certainly Indianapolis-107.9 while in car (but call didn't sound like WFPI). 1158 KQWBt 98.7 MN Morehead, local ad o/WKRS but not quite enough to count 1200 {WSCN} 100.9 MN Cloquet,legal ID,MPR 961 1202 KNNS 96.9 MN Grand Rapids, "KS-97" 1055 1205 CBQT 90.5 ON Ft. Frances, wx 1085 1206 CBON-18 88.1 ON Sault Ste. Marie, FF 643 1207 CBON-20 89.3 NO Thunder Bay, FF 907 1207 KBLD 307 KBLD 95.1 KN Skansas City, ID, keex-KCKN 1005 (KKFKF)94.1 KS Kansas City, ID, keex-KCKM 1005 (KKFKF)94.1 KS Kansas City
1718 CBHM 106.5 NS Middleton, CBC
1730 CBN 106.9 NF St. John's, CBC with 1039 WRM 1039 WRM 1039 WRM 1039 WRM 104.9 "The Eagle" - Who? 1050 KFKF}94.1 KS Kansas City, ID, k ex-KCKN 1077 KWAV 102.3 FL Santa Rosa Beach Wave 102" 969 102 KEMP 99.3 FL Ft. Myers Beach, "Light and Easy 99" + call 1067 KKAY 104.9 The More 104.9 The More 104.9 The More 1050 KFKF}94.1 KS Kansas City, ID, k ex-KCKN 1078 1057 KBIA 91.3 MO Columbia, ID, c 958 1028 WWAV 102.3 FL Santa Rosa Beach "Wave 102" 969 1057 KBIA 91.3 MO Columbia, ID, c 958 1028 WGMV 102.3 FL Myers Beach, "Light and Easy 99" + call 1067 KKAY 104.9 LA Donaldsonville call ex-KSNI 1181 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 1128 1155 1140 Pobable WDZQ-95.1 LL and most certainly Indianapolis-107.9 while in car (but call didn't sound like WTPI). 1142 KLKS Sused as a word (K-lecks) 1081 1158 KOWBI 98.7 MN Norehead, local ad 0/WRKS but not quite enough to count 1200 KWSCN 100.9 MN Cloquet, legal ID, MPR 1085 1205 CBQT 90.5 ON Ft. Frances, wx 1085 1206 CBON-18 88.1 ON Sault Ste. Marie, FF 643 1207 CBON-20 89.3 ON Thunder Bay, FF 907 0907 KITT 93.7 LA Shreeport, wx, call 128 1239 1207 CBON-20 89.3 ON Thunder Bay, FF 907 0907 KITT 93.7 LA Shreeport, wx, call 128 1239 1207
1730 CBN 106.9 NF St. John's, CBC with 1D giving city and frequency but no call letters 1182 2023 KAPB 97.7 LA Marksville, ID, ad 1184 2027 WQUH 103.1 FL DeFuniak Springs, call + "Q-103", r 946 2028 WWAV 102.3 FL Santa Rosa Beach "Wave 102" 969 2038 WOOF 99.7 AL Dothan, promo, "Woof-FM" 2039 WQEZ 99.3 FL Ft. Myers Beach, "Light and Easy 99" + call 1067 2040 KJNA 99.3 LA Jena, "99-KJNA" 1164 2043 KRYO 104.9 LA Tallulah, promo 1088 2112 WHOD 104.9 AL Jackson, old r, call 978 2112 WHOD 104.9 AL Jackson, old r, call 978 2115-1140 probable WDZQ-95.1 IL and most certainly Indianapolis-107.9 while in car (but call didn't most certainly Indianapolis-107.9 while in car (but call didn't 1200 (WSCN) 100.9 MN Cloquet, legal ID, prev. logged as KVCR-95.3 1154 KQWEL 95.1 MN Detroit Lakes, 1202 KNNS 96.9 MN Grand Rapids, "KS-97" 1055 CBQT 90.5 ON Ft. Frances, wx 1085 1206 CBON-20 89.3 ON Thunder Bay, FF 907 0907 KITT 93.7 LA Shreveport, wx, call, 128 1289 1206 CBON-20 89.3 ON Thunder Bay, FF 907 0907 KITT 93.7 LA Shreveport, wx, call, 128 128 1280 128
1730 CBN 106.9 NF St. John's, CBC with 108 104.9 NF St. John's, CBC with 104 7??? 104.9 "The Eagle" - Who? 104 103.1 FL DeFuniak Springs, call + "Q-103", r 946 1050 (KFKF)94.1 KS Kansas City, ID, k ex-KCKN 1057 KBIA 91.3 MO Columbia, ID, c 958 102.8 WWAV 102.3 FL Santa Rosa Beach "Wave 102" 969 102.8 WOOF 99.7 AL Dothan, promo, "Woof-FM" 891 107 KDKD 95.3 MO Cilnton, Sedalia ad, call 1043 1128 KIMOX 104.9 LA Donaldsonville call, ex-KSMI 1181 1067 104.9 LA Donaldsonville call, ex-KSMI 1181 1050 (KKKX 104.9 LA Donaldsonville call, ex-KSMI 1181 1050 (KKCK 99.7 MN N.Mankato, call 1029 104.9 AL Jackson, old r, call 978 115-1140 probable WDZQ-95.1 IL and most certainly Indianapolis-107.9 while in car (but call didn't sound like WTPI). 1128 KKMS 98.7 MN Morehead, local ad o/WRKS 98.7 MN Morehea
10 giving city and frequency but no call letters 1182
but no call letters 2023 KAPB 97.7 LA Marksville, ID, ad 2027 WQUH 103.1 FL DeFuniak Springs, call + "Q-103", r 2028 WWAV 102.3 FL Santa Rosa Beach "Wave 102" 2038 WOOF 99.7 AL Dothan,promo,"Woof-FM" 2039 WQEZ 99.3 FL Ft. Myers Beach, "Light and Easy 99" + call 2040 KJNA 99.3 LA Jena, "99-KJNA" 2043 [KKAY] 104.9 LA Donaldsonville call, ex-KSMI 1181 2043 KBYO 104.9 LA Tallulah, promo 1088 2112 WHOD 104.9 AL Jackson, old r, call 9Es 1115-1140 probable WDZQ-95.1 IL and most certainly Indianapolis-107.9 while in car (but call didn't sound like WTPI). 1142 KLKS 95.3 MN Breezy Point, KLKS used as a word (K-lecks) 1158 KQWBt 98.7 MN Morehead, local ad o'WRKS but not quite enough to count 1200 (WSCN) 100.9 MN Cloquet,legal ID,MPR 1201 KKDL 95.1 MN Detroit Lakes, legal ID, prev. logged as KVCR-95.3 1154 1202 KNNS 96.9 MN Grand Rapids, "KS-97" 1205 CBQT 90.5 ON Ft. Frances, wx 1085 1206 CBON-18 88.1 ON Sault Ste. Marie, FF 643 1207 CBON-20 89.3 ON Thunder Bay, FF 907 1057 KBIA 91.3 MC Columbia, ID, c 958 1102 KCBI 90.9 TX Dallas, wx, ID 1043 1102 KCBI 90.9 TX Dallas, wx, ID 1043 1102 KCBI 90.9 TX Dallas, wx, ID 1044 1102 KCBI 90.9 TX Dallas, wx, ID 1043 1112 KIKM 96.7 TX Sherman, promo, k 1312 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 90.7 MN Redwood Falls, call + "R-98" 1088 1836 KCKA 99.7 MN N.Mankato, call 1029 1837 K265CD 100.9 AR Pine Bluff, beautiful ID as KSNE-104.3, 93.5 1120 KCBI 90.5 TX Jacksoville, call, b 1029 1
2023 KAPB 97.7 LA Marksville, ID, ad 1184 2027 WQUH 103.1 FL DeFuniak Springs, call + "Q-103", r 946 2028 WWAV 102.3 FL Santa Rosa Beach "Wave 102" 969 2038 WOOF 99.7 AL Dothan, promo, "Woof-FM" 891 2039 WQEZ 99.3 FL Ft. Myers Beach, "Light and Easy 99" + call 1067 2040 KJNA 99.3 LA Jena, "99-KJNA" 1164 2043 {KKAY} 104.9 LA Donaldsonville call, ex-KSMI 1181 204.9 KEND 104.9 AL Jackson, old r, call 978 2112 WHOD 104.9 AL Jackson, old r, call 978 2112 WHOD 104.9 AL Jackson, old r, call 978 2115-1140 probable WDZQ-95.1 LL and most certainly Indianapolis-107.9 while in car (but call didn't sound like WTPI). 1158 KQWBt 98.7 MN Breezy Point, KLKS used as a word (K-lecks) 1081 1158 KQWBt 98.7 MN Morehead, local ad o/WRKS but not quite enough to count 1200 {WSCN} 100.9 MN Cloquet,legal ID, MPR 996 1201 KKDL 95.1 MN Detroit Lakes, legal ID, prev. logged as KVCR-95.3 1154 1202 KNNS 96.9 MN Grand Rapids, "KS-97" 1055 1205 CBQT 90.5 ON Ft. Frances, wx 1085 1206 CBON-18 88.1 ON Sault Ste. Marie, FF 643 1207 CBON-20 89.3 ON Thunder Bay, FF 907 1007 WARKS but not quite enough to count 1200 (2000 - 20 89.3 ON Thunder Bay, FF 907 1007 KIVY 92.7 TX Crockett, ads 1339 1300 KVY 92.7
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1102 CBBI 90.9 TX Dallas, wx, ID 1352
2028 WWAV 102.3 FL Santa Rosa Beach "Wave 102" 2038 WOOF 99.7 AL Dothan,promo,"Woof-FM" 891 2039 WQEZ 99.3 FL Ft. Myers Beach, "Light and Easy 99" + call 1067 2040 KJNA 99.3 LA Jena, "99-KJNA" 1164 2043 {KKAY} 104.9 LA Donaldsonville call, ex-KSMI 1181 2043 KBYO 104.9 LA Tallulah, promo 1088 2112 WHOD 104.9 AL Jackson, old r, call 978 9 Es 1115-1140 probable WDZQ-95.1 IL and most certainly Indianapolis-107.9 while in car (but call didn't sound like WTPI). 1142 KLKS 95.3 MN Breezy Point, KLKS used as a word (K-lecks) 1081 200 {WSCN} 100.9 Mn Cloquet,legal ID,MPR 996 1201 KKDL 95.1 MN Detroit Lakes, legal ID, prev. logged as KVCR-95.3 1154 1202 KNNS 96.9 MN Grand Rapids, "KS-97" 1055 1205 CBQT 90.5 ON Ft. Frances, wx 1085 1206 CBON-18 88.1 ON Sault Ste. Marie, FF 643 1207 CBON-20 89.3 ON Thunder Bay, FF 907 1018 KIND 99.7 AL Dothan,promo, "Woof-FM" 891 1107 KDKD 95.3 MO Clinton, Sedalia ad, call 1043 1112 KIKM 96.7 TX Sherman, promo, k 1312 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951 1128 KHOX 100.5 AR Hoxie, old r, ID, BAGGUST 1989 1286 KKCK 99.7 MN Marshall, ads,SID,r 1120 LBSS KWCW 99.7 MN Marshall, ads,SID,r 1120 LBSS KWCW 99.7 MN Ma
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1128 HOX 100.5 AR Hoxie, old r, ID, Per QSL, no \$ 951
"Light and Easy 99" + call 1067 2040 KJNA 99.3 LA Jena, "99-KJNA" 1164 2043 KKAY} 104.9 LA Donaldsonville call, ex-KSMI 1181 2043 KBYO 104.9 LA Tallulah, promo 1088 2112 WHOD 104.9 AL Jackson, old r, call 978 3 Es 1115-1140 probable WDZQ-95.1 IL and most certainly Indianapolis-107.9 while in car (but call didn't sound like WTFI). 1142 KLKS 95.3 MN Breezy Point, KLKS used as a word (K-lecks) 1081 200 (WSCN) 100.9 MN Cloquet,legal ID,MPR 966 1201 KKDL 95.1 MN Detroit Lakes, legal ID, prev. logged as KVCR-95.3 1154 1202 KNNS 96.9 MN Grand Rapids, "KS-97" 1055 1205 CBQT 90.5 ON Ft. Frances, wx 1085 1206 CBON-18 88.1 ON Sault Ste. Marie, FF 643 1207 CBON-20 89.3 ON Thunder Bay, FF 907 1208 KNDA SL Jena, "99-KJNA" 1164 4 Es 1829 KDCO 96.7 MN N.Mankato, call 1029 1830 KKCK 99.7 MN Redwood Falls, call + "R-98" 1088 1836 KQAA 94.9 SD Aberdeen, "KQ-95, r 1262 1858 KQAA 94.9 SD Aberdeen, "KQ-95, r 1262 1858 KQAA 94.9 SD Aberdeen, "KQ-95, r 1262 1850 WCMF 92.1 MN Pine City, ID, wx 1003 18 Es 0815 KOOI 106.5 TX Jacksoville, call, b 1305 18 Es 0845 KEMW 99.7 TN Memphis, wx 948 1836 KQAA 94.9 SD Aberdeen, "KQ-95, r 1262 1808 Es 0815 KOOI 106.5 TX Jacksoville, call, b 1305 18 Es 0815 KOOI 106.5 TX Jacksoville, call, b 1305 18 Es 0826 WMC 99.7 TN Memphis, wx 948 18 Es 0837 K265CD 100.9 AR Pine Bluff, beautiful ID as KSNE-104.3, 93.5 1201 KKDL 99.1 MN Detroit Lakes, 1081 1202 KNDL 99.1 MN Detroit Lakes, 1081 1203 KNDL 99.1 MN Detroit L
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2112 WHOD 104.9 AL Jackson, old r, call 978 9 Es 1115-1140 probable WDZQ-95.1 IL and most certainly Indianapolis-107.9 while in car (but call didn't sound like WTPI). 1142 KLKS 95.3 MN Breezy Point, KLKS used as a word (K-lecks) 1081 1158 KQWBt 98.7 MN Morehead, local ad o'WRKS but not quite enough to count 1200 {WSCN} 100.9 MN Cloquet,legal ID,MPR 996 1201 KKDL 95.1 MN Detroit Lakes, 1202 KNNS 96.9 MN Grand Rapids, "KS-97" 1055 1205 CBQT 90.5 ON Ft. Frances, wx 1085 1206 CBON-18 88.1 ON Sault Ste. Marie, FF 643 1207 CBON-20 89.3 ON Thunder Bay, FF 907 10907 KITT 93.7 LA Shreveport, wx, call,
Call + "R-98" 1088
1115-1140 probable WDZQ-95.1 IL and most certainly Indianapolis-107.9
most certainly Indianapolis-107.9 while in car (but call didn't sound like WTFI). 1142 KLKS 95.3 MN Breezy Point, KLKS used as a word (K-lecks) 1081 1158 KOWBt 98.7 MN Morehead, local ad o/WRKS but not quite enough to count 1200 (WSCN) 100.9 MN Cloquet,legal ID,MPR 996 1201 KKDL 95.1 MN Detroit Lakes, Iegal ID, prev. logged as KVCR-95.3 1154 1202 KNNS 96.9 MN Grand Rapids, "KS-97" 1055 1205 CBQT 90.5 ON Ft. Frances, wx 1085 1206 CBON-18 88.1 ON Sault Ste. Marie, FF 643 1207 CBON-20 89.3 ON Thunder Bay, FF 907 1008 WMP 92.1 MN Pine City, ID, wx 1003 18 Es 0815 KOOI 106.5 TX Jacksoville, call, b 1305 0826 WMC 99.7 TN Memphis, wx 948 0827 KZ65CD 100.9 AR Pine Bluff, beautiful ID as KSNE-104.3, 93.5 Little Rock, 100.9 Pine Bluff, First translator via skip. Does not carry KDDA as listed in current FM Atlas 1061 0846 KEMP 92.1 TX Commerce, call, k 1290 0847 KGAP 92.7 AR Gurdon, Hot Springs ad, call 1128 1208 CBON-18 88.1 ON Sault Ste. Marie, FF 643 0903 KIVY 92.7 TX Crockett, ads 1339
while in car (but call didn't sound like WTFI). 1142 KLKS 95.3 MN Breezy Point, KLKS used as a word (K-lecks) 1081 1158 KQWBt 98.7 MN Morehead, local ad o/WRKS but not quite enough to count 1200 {WSCN} 100.9 MN Cloquet,legal ID,MPR 95 1201 KKDL 95.1 MN Detroit Lakes,
1142 KLKS 95.3 MN Breezy Point, KLKS used as a word (K-lecks) 1081
1142 KLKS 95.3 MN Breezy Point, KLKS used as a word (K-lecks) 1081 (K-lecks) 1081 (NRKS but not quite enough to count 1200 (WSCN) 100.9 MN Cloquet,legal ID,MPR 996 (WSCN) 100.9 MR SKNE-104.3, 93.5 (Little Rock, 100.9 Pine Bluff, First translator via skip. Does not carry KDDA as listed in current FM Atlas 1061 (WSCN) 100.9 MN Grand Rapids, "KS-97" 1055 (WSCN) 90.5 ON Ft. Frances, wx 1085 (WSCN) 92.7 AR Gurdon, Hot Springs ad, call 1128 (WSCN) 1128 (WSCN) 90.5 ON Ft. Frances, wx 1085 (WSCN) 92.7 TX Crockett, ads 1339 1206 (WSCN) 93.7 LA Shreveport, wx, call,
used as a word (K-lecks) 1081 1158 KQWBt 98.7 MN Morehead, local ad o/WRKS but not quite enough to count 1200 {WSCN} 100.9 MN Cloquet,legal ID,MPR 996 1201 KKDL 95.1 MN Detroit Lakes, 1202 KNNS 96.9 MN Grand Rapids, "KS-97" 1055 1205 CBQT 90.5 ON Ft. Frances, wx 1085 1206 CBON-18 88.1 ON Sault Ste. Marie, FF 643 1207 CBON-20 89.3 ON Thunder Bay, FF 907 10907 KITT 93.7 LA Shreveport, wx, call
1158 KQWBt 98.7 MN Morehead, local ad o/WRKS but not quite enough to count
o/WRKS but not quite enough to count 1200 (WSCN) 100.9 MN Cloquet,legal ID,MPR 996 1201 KEDL 95.1 MN Detroit Lakes,
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1201 KKDL 95.1 MN Detroit Lakes, KDDA as listed in current FM Atlas 1061
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1202 KNNS 96.9 MN Grand Rapids, "KS-97" 1055 1205 CBQT 90.5 ON Ft. Frances, wx 1085 1206 CBQN-18 88.1 ON Sault Ste. Marie, FF 643 1206 CBQN-20 89.3 ON Thunder Bay, FF 907 10907 KITT 93.7 LA Shreveport, wx, call,
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1206 CBON-18 88.1 ON Sault Ste. Marie, FF 643 0903 KIVY 92.7 TX Crockett, ads 1339 1207 CBON-20 89.3 ON Thunder Bay, FF 907 0907 KITT 93.7 LA Shreveport, wx. call.
1207 CBON-20 89.3 ON Thunder Bay, FF 907 0907 KITT 93.7 LA Shreveport, wx. call.
1207 CBUN-20 89.3 ON Inunder Bay, FF 907 0907 KITT 93.7 LA Shreveport, wx, call,
Local ads but no ID/slogan 0912 KWRW 97.7 TX Rusk, talk with local
1225 KBHP 101.1 MI Bemidji, "KB-101", mentions, Jacksonville ad 1305
o/local WCBS 1122 0914 KTAL 98.1 TX Texarkana, "98 Rocks" 1190
1232 KNOX 94.7 ND Grand Forks, ads, 0916 KNOO 96.7 TX Mineola, ad, "Double 0" 1289
"All New Lite Rock 95", o/WFME 1230 0916 KLIS 96.7 TX Palestine, ending nx 1330
1237 WHUH 97.7 MI Houghton, "Great 98" 837 0944 KAEZ 95.3 TX Gilmer, contest 1260
1241 CITI 94.7 MB Winnipeg, "City" 1280 0945 KYKM 97.7 TX Winfield, call +
1300 KBHW 99.5 MN International Falls "Kick'em Country" 1249
ending nx, ID, g, o/local WBAI 1086 0959 KHPA 104.9 AR Hope-Prescott, ID 1159
11 Es 1000 KAYZ 103.1 AR El Dorado, ID 1130
2048 KNIN 92.9 TX Wichita Falls, ID, r 1402 1010 KUEZ 99.3 TX Lufkin, ads,
17 GW call + "Easy 99", went to 50 Kw
1400 WRNQ 92.1 NY Poughkeepsie, legal ID on August 1st per QSL 1302
"Q-92" 82 To be continued next month 73. Joe



REPORT TO NORTHERN FM DX!!!

WELCOME NEW REPORTER!!

GEORGE SHERMAN - 104 PINEWOOD CIRCLE, APPLE VALLEY, MN 55124 EQUIPMENT: MacIntosh MR-78 tuner, rabbit ears.

JULY 4 E-SKIP

1845 KQIZ 93.1 TX Amarillo

JULY 5 E-SKIP

1824 W??? 91.9 MA? country JULY 7 E-SKIP

2108 KTEO 93.9 TX San Angelo, k

2110 UnID 92.7 Ted Clarke DJ. k 2127 unID 96.9 24 Karat hits

JULY 9 E-SKIP

1055 WXJY 96.3 MA Nantucket, Oldies 96, contest

1111 WSRS 96.1 MA Worcester, Light & Easy 1140 WKLI 100.9 NY Albany, K-Lite 101

1143 WXLO 104.5 MA Fitchburg

1157 WYJY 94.3 ME Biddleford-Saco. rock oldies

1204 WTSL 92.3 NH Hanover-Lebanon, lite rock

JULY 9 TROPO

1033 KMTY 97.3 NE Aurora-Grand Island, FM 97

0813 KSYZ 107.7 NE Grand Island

1115 WYCO 107.9 WI Wausau, Y108 thru local

1213 WJJQ 92.7 WI Tomahawk, wx, fishing report

JULY 22 E-SKIP

0930-1230 TX & NM heard at Frontenac, Minn.

2300 KJAK? 92.9 TX Slaton

JULY 23 E-SKIP (late morning)

KSTX 89.1 TX San Antonio

KSJT 107.5 TX San Angelo KENW 89.5 NM Portales

KRSJ 100.5 CO Durango

JULY 28 E-SKIP (lost times)

WJSP 88.1 GA Warm Springs "Peach State Radio Net" WSGC 101.9 GA Ringgold

JULY 29 METEOR BURST

0001 WKSG 102.7 MI MtClemens "10'clock in the Motor City"

JULY 31 E-SKIP

0858 WJIS 88.1 FL Bradenton

0900 WSEB 91.3 FL Englewood

AUGUST 1 TROPO

2200 KCFM?107.3 MO Lexington, k

2240 KWGG 104.9 IA Hampton

AUGUST 2 TROPO

0800 WIKB 99.1 MI Iron River, ad

0820 WJNR 101.5 MI Iron Mountain, r

AUGUST 4 TROPO

1215 KHCD 89.5 KS Salina, news and ID

2130 WZZO 95.1 PA Bethlehem, ID o/KWOA. then

gone in 3 seconds!

AUGUST 5 TROPO

0842 WQZZ 99.7 WI Sturgeon Bay, r

AUGUST 6 E-SKIP

2110 KMTX?105.3 MT Helena, ment Clancy Fire Dept 2115 KMZT 101.1 MT Helena, Z-101

2116 KUUB 95.1 MT Bozeman, "Weekly T40", Cube

2140 KOHZ 103.7 MT Billings, b

2146 KTAG 97.9 WY Cody, PSA/ads

2151 KI FM 92.9 MT Great Falls, k

2157 KOPR 94.1 MT Butte

AUGUST 11 TROPO (Winegard CS6065 up!)

2230 KDFR 91.3 IA Des Moines, g, 4000w. o/u KAVT, both new

2320 KROCt 106.9 MN Rochester, 10 w.

The best trops this year (so far) that I've noticed are probably under 600 miles. Had 700 miles (OK City) last 9/11, so I'll keep checking. I'm trying to put together something like an FM tuner buyers guide. It will be incomplete as some tuner manufactures don't answer their mail & I'll not list poor models anyway, to keep it short. Too many members have bought



GEORGE SHERMAN'S REPORT - continued

don't list the adjacent channel selectivity (Sounds like a great ideal Will there be tuners listed in each price range? Good luck with this!-gc). I've really enjoyed July and August for FM DX; previous months band was dead or I didn't check often-got NJ on 3/13 though, my earliest ever Es. My rotor is being repaired, so antenna is facing E. Still, its the first time I've used a selective tuner and a good antenna. Milwaukee heard daily at 280 miles and 3 kw stations out to near 200 miles. Winegard CS-6065 antenna has about 10 db gain and 20 db front to back ratio. Has 10 elements and over 10' long. It is getting FM stations too good that are 120-150 degrees in either direction from the way it is facing-Winegard says it shouldn't do this. Maybe antenna too near power lines, our roof, neighbors roof, hills or ground clutter? I am using Radio Shack coax and had 300 ohm before 73

BILL KRETSCHMER - 104 KOPP AVENUE - N.SYRACUSE, NY 13212

JULY 7 E-SKIP

2105 WTBB 97.7 fL Bonifay JULY 9 TR-SCATTER

0028 WMGH 105.5 PA Tamagua, WGES off

1010 WUSL 98.9 Philadelphia

JULY 9 E-SKIP

1045 WJHM 101.9 FL Daytona Beach

1050 WZFX 99.1 NC Whiteville

1051 WDIZ 100.3 FL Orlando 1054 WRAL 101.5 NC Raleigh

1101 WYNF 94.9 FL Tampa

1058 WJCL 96.5 GA Savannah

1100 WBPR 97.7 SC Georgetown-Myrtle Beach

Power 98

1101 WKTK 98.5 fl Crystal River

1110 WMMZ 93.7 FL Ocala Z 93.7

1117 WIXZ 95.5 GA Savannah

1120 WAPE 95.1 FL Jacksonville

1127 WAAC 92.9 GA Valdosta, k, C-93

1131 WLHQ 96.9 AL Enterprise, WOUR null

1134 unID 104.5 EZ (1 suspect WDXZ in S.Carolina-gc)

1134 WAPW 99.7 GA Atlanta. Power 99.7

1146 WDCO 89.7 GA Cochran

1201 KQSK 97.5 ND Chadron, Q-98

1201 KELO 92.5 SD Sloux Falls

1210 WLOLI 99.5 MN St.Paul/Minneapolis

1216 KLXK 93.7 MN Minneapolis

1229 WDUX 92.7 WI Waupaca

1237 KEEY 102.1 MN Minneapolis

1238 KDWB 101.1 MN Minneapolis

1247 KPRM 97.5 MN Park Rapids

(Received same time by B III Nienajadly!!)

JULY 9 E-SKIP continued

1253 WDAY 93.7 ND fargo

1300 KVOX 99.9 ND Fargo, WNYP null

1300 KFGo 101.9 ND Fargo

1305 KODJ 95.5 ND Jamestown

1309 KKJK 96.5 MN fergus falls

1310 KOWB 98.7 ND Fargo

1317 KGWB 107.1 ND Wapheton

1318 KOLX 106.1 ND Lisbon .

1324 KYYY 92.9 ND Bismarck

1334 KEZZ 94.3 MN Aitken 1336 unID 106.7 "SuperGold"

1346 KAXE 91.7 MN Grand Rapids

1407 CBQT 90.5 ON fort frances

JULY 12 TROPO

1640 WCAV 97.7 MA Brockton WKOL mix

1800 WKGB 92.5 PA Susquehanna

1600-2000 Boston, Hartford, Cape Cod

Providence, NYC, Albany, all strong!

also Philly/D.C./Lancaster Areas

2000 WOGL 98.1 PA Philadelphia, Oldies

98 o/WHWK in same direction.

JULY 25 E-SKIP

1134 KHYL 94.9 TX Arlington

1136 WZIX 100.1 MS Artesia

1138 KNUE 101.5 TX Tyler

1134 KTUX 98.9 TX Carthage Tux 99!!

1144 KERA 90.1 TX Dallas/ft.Worth

1146 KEGL 97.1 TX fort Warth

1148 KJMZ 100.3 TX Dallas 100.3 Jams!

1154 KVIL 103.7 TX Dallas

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

JULY 31 E-SKIP

2030 KUWR 91.9 WY Laramie, spot for a program on KUWR-Wyoming Public Radio, ID by OM DJ. 2053(KLDE) 94.5 TX Houston, ex:KJYY, adv for 59 Diner Hurricane Chantal update, reg.line 850-0945, oldies

AUGUST 2 TROPO 2248(WKQI) 95.5 MI Detroit, ID, "The New Q-95-FM". DJ Joe Krause, local ads, classic rock (with T40 mix too-gc) 2255 WMBI 90.1 IL Chicago, gospel tx/mx, Chicago wx 2341 WT CM 103.5 MI Traverse City, ad for N.Michigan carpet dealer on US31 South. OM DJ - local ads, o/WMUZ 2350 WBGL 91.7 IL Champaign, relig/gospel music, spot for a church service in Peoria.

2355 WOLW 91.1 MI Cadillac, ID as "WBHM?? in ?? and WOLW 91.1 in Cadillac", gospel music (Robert, the other station IDing is WPHN, 90.5 in Gaylord, Michigan-gc) | Hits 106" concert spot, wx 77" at WQTL.

AUGUST 3 TROPO

0016 WZZP 103.9 IN South Bend, pop music "Zip 104", continuous music marathon, request lines, YL DJ. 0003 WCIC 91.5 IL Pekin, wx for Peoria, _calls, gospel music, CDT time checks. 0038 WFRN 104.7 IN Elkhart, CDT time. pop mx/EZ list/ MOR music. 0059 WMUB 88.5 OH Oxford, NPR and ID "88.5 WMUB Oxford-Miami Univ "

into AP news. 0107 WBNI 89.1 IN Fort Wayne, picnic w/ WBNI on 8/13/89, list of local concerts.

AUGUST 5 TROPO

1033 WOTL 106.3 OH Ottawa, "Classic

NORTHERN FM DX

ROBERT ROSS' REPORT - continued

AUGUST 5 TROPO cont.

2255 WSNX 104.5 MI Muskegon, ID "new sunny FM"

ads "Tiger's Reply" baseball program. AUGUST 6 E-SKIP

1045 WJIS 88.1 FL Bradenton, OM with Gospel pgm. ID as "Joy FM", into gospel music 1052(WMMZ) 93.7 FL Ocala, ex:WFUZ, "Z-93.7" contest spot. local ads, jingle, Casey's Top 40 1057 WKRL 97.9 FL Clearwater, rock music, DJ Kelly

Casey. "98 Rock-Classic Rock", Concert spot, ads, 1126 WWZR 94.5 FL Port Saint Joe, "Z-Rock" ID by OM into heavy metal music.

1840 WRBH 88.3 LA New Orleans, good with OM talk on hot air ballooning in Louisiana.

1842 WMNF 88.5 FL Tampa, "Carribean Cruise Show" into ID as WMNF 88.5, Calypso music, etc. 2138 KRKX 94.1 MT Billings, rock music, "Montana's

Home of Rock and Roll-The New 94.1 KRKX" community calendar.

2146 KTAG 97.9 WY Cody, syndicated program called "Flashback" oldies music and old film clip audio "It's 8 clock at KTAG" at 2200 into "Direct Hits" pgm.

OCTOBER 1989

AUGUST 6 TROPO

2210 WFYC 104.9 MI Alma, sign off, ID as WFYC AM&FM, gave power as 3kw ERP. DJ Jim Summerville, SSBanner/off @2213. AUGUST 28 TROPO

0224 WBWC 88.3 OH Berea, calls, Dr. Don 100 mile an hour show, Rock mx, 140 wts!! 0225 WOTL 90.3 OH Toledo, relig pgm... "Unshackled" ID as "Family Radio" and "WOTL-Toledo" into gospel music 0230 WBCL 90.3 IN Fort Wayne, vote for your favourite DJ on WBCL, gospel music

under WOTL. 0250 WBGU 88.1 OH Bowling Green, punk music pgm, ID as "WBGU in Bowling Green" "Where you hear the best alternative music first" 450 watts!!

0408 WHVT 90.5 OH Clyde, religious ID as "Wholesome listening for the entire family, WHVT Clyde" 370 watts! 0418 WGR 96.9 NY Buffalo, "97 Rock" Stones "Steel Wheels" LP played.

Bill Heppurg, 1547 Mississauga Valley #1211, Mississauga ON L5A 3X8 EDT

APRIL 1989 25 Tr			JULY 1989			
1453 HCKR	92.3 NY Hornell	130 / 0	<u>3 Es</u> 2 058 N YFB	90.5 FL	Gainesville -Keustone Hts	980 / 0
MAY 1989 30 Es			2102 <u>HBVM</u> 4 Es	98.5 FL		1189 / 9
2108 HKGC 2133 ? 2136 HNSL	90.7 FL Panama City 93.3 '0-93', r, Houston 100.3 MS Laurel	980 / 15 MS? / 15 978/ 10	2040 NKGC 2046 NPAP 2103 NUF 92.	92.5 FL	Panama City Panama City	980 / 30 980 / 15
2148 HTNT 2151 H	94.9 FL Tallahassee 90.3 MS unid PRM (WMAH/W	935 / 10 MAV) / 0	<u>6 Es</u> 13 00 M FTI	-	St Pete-Tampa	1095 / 10
2159 HUF 10:	'Classic-Radio+ L.3	Statewide'	1302 HBVM	90.5 FL	Tampa	1160 / 0

JUNE 1989 14 Es 1129 MUF 92.7 14 SH

89.1 NY BrockPort 92 / 9

EQUIPMENT: JVC R-X330V Royr / balcomy Passive dipoles --- 12th floor ---

2nd # is the signal strength in db (8 db = 1 uv/75ohm)

FM-DX is far & few between since CFMX-1 96.3 went on the air only 1/4 mile away. My balcony faces the xmtr. Now, I have to attentute things otherwise CFMX-1 mixes with CILO 107.1 an Produces a 10.8 MHz signal thats Penetrates the IF.

Most Portables, except for my JVC PC-V77 are useless now -- full of spurs from 88 to 106. My current setup isn't too bad - but I cringe to think of all the weak signals that would be coming in if I didn't have to use the variable attenuator. On top of that, CKLH 102.9 Hamilton occassionally shows up on 36.1 -- somehow riding along with the original CFMX 103.1 signal into the CFMX-1 input. With CIUT, CJRT, WXXI, CDL and WMED all Playing classical music - who needs another one?

It's about time the CRTC/FCC think about setting uP a second FM band to alleviate the consestion -- Perhaps somewhere around the 300 MHz area.

Hope others are fairing better: 73s

Hope you like the new style. Unfortunately, due to an increased work schedule, I will have to place the following new restrictions on reporting: DEADLINE is now the FIRST, and only loggings 3 months from the postmark will be accepted. That figure will only be 2 months during the busy summer months. Do not be discouaged from reporting. I encourage all members to get involved with their club and columns. Hope DX comes your way. 735, Greq

YET ANOTHER WAY OF TAPING THAT FM/PSB/NWS DX II

by FRANK MERRILL

Many active DX'ers are not only thrilled by the lure of exotic DX, but also attach equal (or more) importance on capturing those elusive station ID's on tape. However, not all DX'ers have more than one tape deck, so the choice is to have piles of tapes with only a few IDs on each, or to keep a recorder on "pause" and hope that the pause control can be released fast enough to catch that fleeting ID. It can also be a hassle remembering to turn over the cassette or reel every hour or less, and ID's can be missed because you've let the tape run out in the fervor of a good, active opening.

Few people know that there is an alternative to using a tape deck for recording DX. I am using a Hitachi VHS $\underline{Hi-Fi}$ VCR, and taping my FM DX on slow speed: At slow speed a tape will run for six hours, therefore not requiring nearly as much attention as a cassette or reel deck, and the sound quality is at least equal to 7.5 i.p.s. reels or good "chrome" cassettes! It makes sense economically, too, because the less-than-\$4 for 6 hours of premium Hi-Fi VHS audio works out much better than a similar price for a C-90 cassette, or a higher price for no more than 2 hours of reel to reel tape. In fact I also record any wanted radio shows, etc., on VHS. Your VHS recorder will, of course, allow you to record audio and video separately, so you can be recording audio from FM and using your friendly local religious station for the video.

My video input is a "Home Minder," which is a gadget that Radio Shack used to sell, and is intended as a timer to turn lights or small appliances on and off when you're on a vacation. The "Home Minder" is put on a vacant TV channel so that you may look at its display and ascertain the status of the timer modules in your home, and of course you can change the on and/or off times, and you can add or subtract timer modules. The reason I use this as my video input is because there is a constant clock on the display! Therefore I have the capability of sleeping while I record 6 hours of a blank FM frequency overnight, play it back for MS bursts, and readily note what time they happened! I understand that the "Home Minder" has been deleted, though.

Hopefully there are other similar things still in the marketplace that allow you to display a clock on videotape, because this is a perfect arrangement! You end up with good-audio reproduction of your DX opening, and you can tell when everything happened! Many of us know that during an especially good Es opening, for example, things can happen far too fast to instantaneously waste time writing DX notes down. You can now write something down like "93.5 7:04 tape" and go back to get the details later. Just remember that only a " $\underline{\text{HI}}-\underline{\text{FI}}$ " VCR will give you these superior results, and such units are more expensive than non Hi-Fi units. But this approach is a very worthwile way to tape DX!

