

DX News

Since 1933. We know radio.

Volume 59, No. 15 - January 20, 1992 (ISSN 0737-1659)



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CPC Test Calendar

Call	Freq	Date	FLT Time
WQTW	1570	Jan 18, 1992	0001-0030
WCAT	700	Jan 19, 1992	0530-0600
WJIC	1510	Jan 20, 1992	0000-0030
WJJC	1270	Jan 20, 1992	0330-0400
WWII	720	Jan 26, 1992	0400-0430
KDIO	1350	Jan 27, 1992	0100-0230
WMTR	1250	Jan 27, 1992	0130-0200
WSKE	1040	Jan 27, 1992	0200-0300
WLDS	1180	Feb 3, 1992	0200-0230
KHAC	880	Feb 3, 1992	0300-0400
WVWV	630	Feb 10, 1992	0000-0030
WZZZ	1300	Feb 10, 1992	0115-0200
WAAM	1600	Feb 10, 1992	0300-0330
KONA	610	Feb 10, 1992	0300-0400
KADA	1230	Feb 15, 1992	0100-0130
KGFW	1340	Feb 17, 1992	0200-0230
WILD	1020	Feb 17, 1992	0200-0300
KUSD	690	Feb 17, 1992	0300-0330
WDAY	970	Feb 17, 1992	0300-0400
KCRV	1370	Feb 17, 1992	0615-0645
WTRP	620	Feb 24, 1992	0001-0030
WTMA	1250	Feb 24, 1992	0300-0330
KBBS	1450	Mar 1, 1992	0200-0400

From the publisher ... We have several transitions to announce this issue. Effective immediately, Mike Knitter has decided to pursue other interests and has given up his duties, which are being divided by the NRC Board of Directors.

• Mike had been Publisher since the July 19, 1982 issue, taking over from the Louisville Publishing Committee. Under his direction, the NRC continued its evolution and diversification to its present-day form into three divisions: *DX News*, NRC Publications, and DX Audio Service. In spite of

other clubs which faltered and died in the face of competition from other hobbies, especially computers, the NRC prospered under his guidance. We wish him well in his new endeavors.

For the time being, only mail orders will be processed by Publications Center manager Ken Chatterton, who is also chairman of the NRC BoD. No credit card orders can be accepted.

Renewals for both the NRC and now DX Audio Service should be sent to Ron Musco at the membership center; changes of address in both organizations should be sent to Paul Swearingen in Topeka. (Addresses are on the back cover.)

As Wayne Heinen has assumed some of the reprints duties, he will be giving up his editorship of DDXD-W. Also, Bill Hale's future home location

(continued on page two)

DX Time Machine

From the pages of *DX News*

50 years ago ... from the Jan 17, 1942 *DXN*: Because of many stations on 24 hr. operation on account of the war, the Courtesy Programs Committee decided not to arrange any more DX programs "until such time as the channels are again clear and the stations can be sure of a good number of reports".

25 years ago ... from the Jan. 21, 1967 *DXN*: Frank Wheeler, Erie, PA, mused: "My highlights for 1966 were receiving three new WC'ers, CKDA, KGBS, KRKD, and receiving a new AZ station, KALF ..."

10 years ago ... from the Jan. 18, 1982 *DXN*: Contest standings from manager Rich Levin, Louisville, KY: from the top: Ray Barano, Frank Wheeler, Nancy Hardy, George Walton, Doug McAbee.

(continued from page one)

is uncertain, although he will continue as a DDXD editor. Therefore, the publisher is accepting applications for editorship of DDXD, with the idea in mind that delineation of reporting boundaries will most likely change. Strongly recommended for any new editor is access to a computer - Macintosh, Apple, MS-DOS, or Commodore 64.

Jerry Starr reports no FCC action this week, and so AM Switch is absent from this issue.

You might want to pick up a copy of the January QST and read about NRC's Pete Kemp and his activities with his students involved with amateur radio. Pete was also chosen as the 1990 ARRL Professional Teacher of the year.

Finally Ernie (I'm finally retired) Wesolowski reports that the Minnesota DX Club is sponsoring a DXpedition south of Minneapolis on February 15 (in HEATED facilities). He suggests contacting NRC member George Sherman - 104 Pinewood Circle - Apple Valley, MN 55124 for more information.

They joined ... George Kwitka, Holland, OH; and Jerry Wolkoff, Wantagh, NY.

DXChange ... Dave Schmidt - P. O. Box 11502 - Wilmington, DE 19850 is offering a Radio Shack Color Computer 2, with 64K, 5.25" disk drive, all manuals, and other cartridges for \$250 ... Doug Smith - 14 Brookside Court - Nashville, TN 37209 has written an MS-DOS program which he calls NRC.CT, to be used for scoring level loggings in the NRC Contest this year. He'll share it with you for a disk and a mailer (either 5.25 or 3.5").

CPC Tests ...

Due to lack of space, we'll list only new or corrected tests or those coming up soon or maybe just the ones we feel like running, hi!

WQTW-1570, Box 208, Latrobe, PA 15650 will conduct a DX Test on Saturday morning January 18, 1992 from 0001 to 0030 EST. Program will consist of tones, voice and Morse code ID's. Our thanks to Mr. Joey Kaye, CE, for this test. Arranged by the Courtesy Program Committee of the National Radio Club.

WCAI-700, 660 East Main Street, Orange, MA 01364 will conduct a DX Test on Sunday morning January 19, 1992 from 0530 to 0600 EST. Program will consist of music programming, and voice and Morse code ID's. Our thanks to Mr. Rich Green, PD, for this test. Arranged by the Courtesy Program Committee of the National Radio Club.

WJIC-1510, P.O. Box 132, Salem, NJ 08079 will be conducting their annual Proof of Performance test on Monday morning January 20, 1992 from 0000 to 0030 AM EST. This test will consist of various audio tones and voice ID's. Our thanks to Mr. Ben Ferguson (N2GK), VP, for this test. Arranged by the Courtesy Program Committee of the National Radio Club.

WWII-720, 8 West Main Street, Shiremanstown, PA 17011 will conduct a DX Test on Sunday morn-

ing January 26, 1992 from 0400 to 0430 EST. Programming will consist of polkas, big band music, voice, and code ID's. Our thanks to Mr. Dean Lebo, General Manager, for this test. Arranged by the Courtesy Program Committee of the National Radio Club.

WMTR-1250, 55 Horsehill Rd. - Cedar Knolls, NY 07927 will conduct a test Monday morning, January 27, 1992, from 0130-0200 ELT. The test will include Morse code, tones, and unspecified music. This test will be part of WMTR's annual Proof of Performance, so it may run longer than scheduled. Our thanks to Mr. Tom Hauer, CE, for this test. Arranged by J. D. Stephens for the IRCA.

WSKE-1040, P. O. Box 187 - Everett, PA 15537 will conduct a DX test Monday morning, January 27, from 0200-0300 ELT. The test will include voice ID's, Morse code ID's and old-time fiddle music, on their 10 kW non-directional pattern. Our thanks to Robert M. Regconsiv, Contract Engineer, for the test. Arranged by J. D. Stephens for the IRCA.

WLDS-1180, P. O. Box 1180 - Jacksonville, IL 62651 will conduct a DX test Monday morning, February 3, from 0200-0230 ELT. The test will include polkas, Morse code ID's, and voice ID's. Our thanks to Mr. Kevin Potter, CE (KC9ZK).

KHAC-880, P. O. Box F - Window Rock AZ 86515 will conduct a DX test on Monday morning, February 3, from 0300-0400 ELT, with march music, voice ID's, Morse code, and tones, on their 10 kW non-directional pattern. Our thanks to Mr. Bill Hurme, Chief Engineer. Arranged by J. D. Stephens for the IRCA.

KADA-1230, Box 609, Ada, OK 74820 will conduct a DX test on Saturday morning, February 15, from 0100 to 0130 ELT. Programming will consist of march music and ID's. Our thanks to Mr. Roger R. Harris, General Manager. Arranged by the Courtesy Program Committee of the National Radio Club.

KGFW-1340, Box 666, Kearney, NE 68847 will conduct a DX test from 0200 to 0230 AM EST on Monday morning February 17, 1992. This test will contain Morse code ID's. Our thanks to Mr. Dirk Christensen, Operations Manager, for this test. Arranged by the Courtesy Program Committee of the National Radio Club.

KUSD-690, Telecommunications Center, Cherry & Dakota Streets, P.O. Box 5000 Vermillion, SD 57069-5000 will conduct a DX test on Monday Morning February 17, 1992 from 0300 to 0330 EST. Program will consist of test signals and programming. Our thanks to Mr. Larry Rohrer of South Dakota Public Radio for this test. Arranged by the Courtesy Program Committee of the National Radio Club.

KBBS-1450, P.O. Box 153, Buffalo, WY 82834 will conduct a DX test from 0200 to 0400 AM EST on Sunday morning March 1, 1992. This test will contain music, voice and Morse Code ID's. Our thanks to Mr. Glenn Swiderski. Arranged by the Courtesy Program Committee of the National Radio Club.

Domestic DX Digest - East

William Hale

15366 La Paz Avenue, #107
Victorville, CA 92392

DX Catches in the Eastern U. S. and Canada, with 24-hr. ELT

MEDIUM WAVE RAMBLINGS

■ I was hoping I wouldn't have to return to California after Christmas, but I'm ba-a-ack. So, to speed up the process of getting your DX to me, please send your DX to me at the following address: 15366 La Paz Avenue, #107, Victorville, CA 92392. When my job ends out here, I'll let you know of my new address, as I suspect we'll have to relocate from Texas. So, as of now, send your loggings to me at the above address. Thanks.

■ Something missing? Your DX, maybe? If you don't include the time and date, I can't put it in the right grouping (timewise). Also, please divide your DX into the groups seen here. It makes my job of wading through countless loggings to get them into the right categories.

■ Due to work-related travel, I'm having to print this up early. So, if you were expecting to see your DX this week, don't have kittens. We'll have it here next issue.

SPECIAL

1270 WUCO OH MARYSVILLE - 12/16 1747 fair with OLD mx + AM 1270, the all new WUCO ID (JPC-OH)

1410 WING OH DAYTON - late NOV format change to 24-hour CNN News after retirement of 25-year DJ Steve Kirk; Bob Ellis is gone as PD; send varie requests to Will Bevis, CE; new phone is 513-234-5858 (JPC-OH)

UNIDS AND UNID HELP

1530 UNID ?? - 12/22 1753 K-Country with C&W and female DJ, sign-off with SSB at 1800 (KVJ-GA)

DX AND EQUIPMENT TESTS

820 WIQT NY HORSEHEADS - 12/23 TEST fair starting at 0100 with VID, tones of varying pitch and CIDs; signal weakened by 0120 (KVJ-GA)

1590 WARV RI WARWICK - 12/23 0400-0430 poor and for the most part buried under 10% pest WAKR with CPC DX Test; noted CIDs (- - - - -) at 0411 and 0417; other bits of code noted as well but no mx or VIDs heard (MB-ON)

TIS AND OTHER STUFF

1610 WMMW 758 TX VAN HORN - 12/31 1300 typical TIS stuff extolling Van Horn Convention Center and facilities in town, + motels, eateries, etc; good for ~ 30 miles either way of downtown [Ed.-TX]

MIDNIGHT TO 0800 HOURS ELT

560 WFRB MD FROSTBURG - 12/7 0630 poor in dogfight with CJKL/CFOS and WGR-550 slop with local nx headlines with lead story about a Keyser woman being sentenced to 5 years for the shooting death of her ex-husband; anncet at 0632 WFRB news headlines at 6:30 were brought to you by the First United National Bank and Trust (MB-ON)

580 CKAP ON KAPUSHKASING - 12/12 0203 good with Northern Ontario's music station, AM 58 ID (JPC-OH)

610 WZZK AL BIRMINGHAM - 12/12 0210 fair with FM 104.7 WZZK ID (JPC-OH)

740 WRPQ WI BARABOO - 12/15 0346 very poor, mixing with unID Latino; caught part of ID slogan ... we're the station, WRPQ → MOR-ish oldies (Honey by Bobby Goldsboro), 0400 legal ID This is WRPQ Baraboo → USA Radio Nx (MB-ON)

770 WEW ST. LOUIS - 12/16 0700 fair in nulled WABC w/SSB, sign-on anncet mentioning 1000 watt power and owned/operated by Alliance Broadcasting Co., anncet ending with ... now join us for a full day of music, news, and

information on 77 WEW → MOYL-type mx; lost to WABC by 0705; not often hrd, but QSLed in '77 (MB-ON)

- 810 WQIZ SC ST. GEORGE - 12/19 0708 fair → poor in WGY null fighting CHAM-820 slop with GOS mx, ID/Christmas greeting: *Season's greetings from the staff and management of 810 AM WQIZ, the spirit of South Carolina → O Holy Night* (MB-ON)
- 990 CKIS PQ MONTREAL - 12/6 0630 poor → fair, fighting Rochester & Winnipeg w/sports, 0632 local wx mentioning present temperature of 16° C at Dorval Airport, *Oldies 990* IDs and (what else?) oldies mx (MB-ON)
- 1050 CFYN ON SAULT STE. MARIE - 12/12 0326 good with *The Soo's best country, AM 1050 CFYN* ID (JPC-OH)
- 1130 WISN WI MILWAUKEE - 12/18 0850 *WISN Morning News*; possible only due to semi-local WLBA being silent (KVJ-GA)
- 1250 KCFI IA CEDAR FALLS - 12/10 0300 fair with *You're listening to the best in country music, KCFI Cedar Falls* ID (JPC-OH)
- WTAE PA PITTSBURGH - 12/12 0405 fair with *Larry King* + local wx (JPC-OH)
- WEMP WI MILWAUKEE - 12/10 0255 fair with oldies mx + stn ID (JPC-OH)
- 1260 WRDZ OH CLEVELAND - 12/18 0709 fair over WNDR with ID *WRDZ, Christian radio like you've never heard it before*, promo for *Dr. John Knight, 3 to 4 pm on WRDZ* → more GOS mx; hrd in several previous CL incarnations (WIXY, WBBG, WMGC) (MB-ON)
- WRIE PA ERIE - 12/10 0320 good with ID and promo for 50s Rock & Roll (JPC-OH)
- 1330 WEBY FL MILTON - 12/18 0657 sign-on, *Stereo AM*, SSB by *Whitney Houston* after annct; *AI News* at 0700 (KVJ-GA)
- KFH KS WICHITA - 12/10 0330 weak with oldies mx + ID (JPC-OH)
- 1590 WONX IL EVANSTON - 12/7 0758 fair → poor over usual pest WAKR, in SS noted . . . *esta programma de la Americana en la frecuencia quince mil noventa . . . Radio Panamericana ec Chicago* → more SS programming (MB-ON)
- 1600 KLEB LA GOLDEN MEADOW - 12/18 0130 fair with *The best country music is always right here, KLEB* (JPC-OH)

0800 TO 1600 HOURS ELT

- 580 WILL IL URBANA - 12/19 0918 very good with BBC News, NPR News, *over* WCHS (JPC-OH)
- 1170 KVOO OK TULSA - 12/19 0900 fair with local wx and ID (JPC-OH)
- 1550 WCVL IN CRAWFORDSVILLE - 11/26 0955 fair with wx and ID (JPC-OH)

1800 TO 2400 HOURS ELT

- 530 CIAO ON BRAMPTON - 12/22 2359 EE ID, female anncr, mention *790 kHz* and *testing on 530*; pronounced *Chow* radio → Canadian/world news in EE (KVJ-GA)
- 830 WADU LA NORCO - 12/10 1750 very good with promo and ID (JPC-OH)
- 900 WEAS GA SAVANNAH - 11/21 1804 very good w/CBN News + ID *For the best in gospel music keep it tuned here to AM-900 WEAS Savannah* (JPC-OH)
- 960 KZIM MO CAPE GIRARDEAU - 12/16 1819 xint with *The sports authority, News Radio 960 KZIM* (JPC-OH)
- 1080 WVCG FL CORAL GABLES - 12/16 1806 fair with news & ID (JPC-OH)
- 1090 KAAY AR LITTLE ROCK - 12/13 1750 strong with REL talk + phone 661-1090 (JPC-OH)
- 1100 KKLJ MO WEBB CITY - 12/13 1751-1800 w/REL program, sign-off (JPC-OH)
- 1130 WHHR SC HILTON HEAD ISLAND - 12/18 1700 AM 1130, *Information Radio* → BRN News (KVJ-GA)
- 1560 WSLA LA SLIDELL - 11/21 1850-1900 good with mx + ID *We're part of what makes Louisiana special, WSLA AM-1560, Slidell* (JPC-OH)
- 1600 WBBD WV WHEELING - 12/18 1753 fair with NOS + ID (JPC-OH)
- WXMY VA SALTVILLE - 12/21 1710 Q&W, female DJ, and about five minutes of non-stop local adsl (no kidding!) (KVJ-GA)

REPORTERS

MB-ON MIKE BROOKER/Toronto, ON/ICF-7600D, RF-2200
 JPC-OH JIM CROSS/Dayton, OH/SP-600 and handmade wedge loop
 KVJ-GA KARL JETER/Stone Mountain, GA/HQ-150, AT5-803, 4' loop, LW
 Ed.-TX Editor/passing thru Van Horn, TX on I-10/Delco AM5/FM5

ABBREVIATIONS AND SPECIAL SYMBOLS USED IN DDXD-E

|| :parallel with or to → :to or into :00: on the hour AC:Adult contemporary AP:Associated Press
 BBD:big band BRN:Business Radio Net C&W:country & western CHR:contemporary hit radio CID:code ID
 CL:call letter ContChr:contemporary Christian EZZ:easy listening EE:English FF:French GOS:gospel
 IRN:Interstate Radio Net j:jingle LSR:local sunrise LSS:local sunset MLB:Major League Baseball mx:music
 nx:news NPR:National Public Radio OC:open carrier pbp:play-by-play pol:political PSRA:pre-sunrise authority
 PSSA:post-sunset authority QRM:man-made interference QRN:natural interference QTH:location REL:religious
 ROK:rock 'n' roll RS:regular schedule \$.stereo SID:singing ID SRS:sunrise skip SS:Spanish SSB:Star
 Spangled Banner SSS:sunset skip TC:time check TT:test tones UC:urban contemporary UPI:United Press
 International wx:weather

73, Full

Domestic DX Digest - West

DX Catches in the Western U. S. and Canada, with 24-hr. ELT

Wayne Heinen

4131 S. Andes Way
 Aurora, CO 80013-3831
 FidoNet: 104/108 (303) 699-6335 (ppd)

SPECIAL INTEREST!

620 WTRP GA LaGrange
 Per station format is *SPORTS TLK* and
sked is AN with SP MM 0000-0600. (CPC)

Midday to Midnight!

800 KSOS UT Brigham City
 12/30 1832 Noted w/ good signal after
 Lcl KLTT s/off. "*Utah's Kool Gold*"
 slogans and OLD format. (ØW-CO)

810 KXOI TX Crane
 12/31 1948 Program "*Éxitos Norteños*"
 (Nortena Mx) Male Announcer w/
 slogans sounding like "*Radio La Manta*"
 2001 EE/SS ID "*KXOI Crane Odessa*
 Midland, the new praise radio" followed
 by spots. (ØW-CO)

810 KKGD CO Rifle
 12/31 1900 ID "... *K-Gold KKGD Rifle*
Newcastle Glenwood Springs" to ABC
 Nrx. to OLD mx. Lcl news at 1915. Fair at
 best w/KGO/KCMO. (ØW-CO)

1110 KTEK ALV TX
 12/30 1758 Male Announcer w/ ID

"Christian Praise radio for Greater
 Houston KTEK, Alvin" into "Family News
 In Focus"... Good signal (ØW-CO)

1250 KIKC MT Forsyth
 12/30 1821 Lcl spots ID "*Miles City's*
Choice for the best County KIKC" & C&W
 Mx. (ØW-CO)

TIS!

1610 TIS NM Sandia Nat'l Laboratory
 1/4 0826-0840 In very good w/ 10 minute
 tape loop. Call ID not heard but men-
 tions of Sandia and Sandia Nat'l
 Laboratory. (WH-CO)

1610 TIS CO Mesa Verde Nat'l Park
 1/4 0840-0845 Female w/Park info came
 up and dominated o/ Sandia. Finally
 enuf to report this one. (WH-CO)

CONTRIBUTORS!

(ØW-CO) John Wilkins Wheatfarms, CO - R
 -1000, 4.238' Anguilla Loop
 (WH-CO) Wayne Heinen Aurora, CO - R
 -390A, 4' NRC loop, database

NRC AM RADIO LOGBOOK

1992
Edition

The NRC AM Radio Logbook, 1992 Edition contains verified
 heard station information in the U. S. and Canada. Only
 \$16.95; Canada \$17.95 to U. S./Canadian NRC Subscribers
 ONLY. \$19.95 to U. S., Non-NRC Subscriber; \$20.95 Canadian
 Non-NRC Subscriber. Others - please write.

Specify your mailing address and number of Logs ordered.
 Make out check or money order to: NRC. Mail to: NRC Pub-
 lications - Box 164 - Mannsville, NY 13661 (NY residents add
 sales tax).

Verification Signers

Signatures and other information received upon request

Freq.	Call	Signer	Contributor
530	KNJR83Sp	J.E. Melone E Virginia DOT	
	1401 E. Broad St.	Richmond 23219	HH
530	TISI	Carl Shulak Tech NS3G	
	Delaware DOT	Delaware DOT	HH
530	WNW277pl	Luanne Brannen DoTourism	
	Metro Richmond Visitors Bureau	300 E. Main St. Richmond VA 23219	HH/MH
590	WLVAI	Ray S. Jones O/M	BG
590	WROWIm	Laura McCusker DJ (NRC)	ERC
590	WWLXI	Roger Wright	KJ
600	WRECI	Fred Cook PD	RT
610	KILTlbz	Rick Candea PD	RT
660	KEYZlb	Earl R. Gross E	WH
710	WEKCPu	Monty McAnally CE	HH
730	WFMCI	Robert Y. Wooten GM	BG
730	WJTOIm	Frank Burke GM	ERC
740	KTRHq	Errol R. Coker CE	BG
740	WWEA	U/U	ERC
760	WVNEIm	Steve Tugeneu OpM	ERC
780	XESFT Lic.	Juan Fco Aguilar Gonzalez D	KJ
820	WIQT	Jim Barrett E	MH
820	WPNTI	Dave Dybas CE WPNT-FMERC	
840	KVJYlbz	Jo Jo San Antonio OpM	RT
840	KWPNIq	David M. Kelley P/GM	KJ
880	KGHTIu	Harvey Fritts O	KJ
900	KBIFB	Mark W. Mayfield PafD	OW
920	WTCWI	Gregory L. Yaden GM	RT
950	WSPAq	Craig Turner CE	BG
970	WNIV1	Christy Peters OpA	RT
1000	XEOYp	Zoila Quintanar Flores Signed	
	//SW card.	Worth a try!	BG
1010	CFRBchu	Stephen Canney f/up via ODXA,	
	Box 161 Stn "A", Willowdale ON	Willowdale ON M2N 5S8	OW
1010	WGUNlu	Mark McKinnon PD	RT
1060	WKNGLmb	Steve Gradick P	RT
1080	KNDKlbz	Joni Gellner TrfM	OW
1100	WLBBlbz	Jeff Davis P/GM	RT
1100	WSGII	Billy B. Gray GM	RT
1150	KDLFI	Don Herbert M	SP
1160	VSB3pu	D.E. Brown M P.O. BOX 1450,	
		Hamilton 5	HH
1170	WWVAqlub	Jim Wallace Nx D (NRC) Our	
		condolences to Jim, This is his last Verie from WWVA, as they let most of their news staff go.	RT
1180	WFGNpu	U/U	KJ
1180	WMLXlu	Russell Hines E	KJ
1190	KUIII	Joshua A Socolof TE	KJ
1190	WECCI	Darrell T. Ellison PSvD	KJ
1190	WHMTI	F. Darrell Boyd P	KJ
1230	WJOYI	Dennis J. Snyder CE	ERC
1240	WGRMIm	Bert Alderman Secy Bert also listed Gen'l Gofer!	ERC
1240	WPNFI	David Abbey OpM	RT
1250	WNTTI	Blanche Crawford Trf	KJ
1270	WHYD	Kevin Williams PD	RT
1290	KUMAib	Greg Smith GM	WH
1300	WJFKblm	Dan Ryson CE	BG
1300	WNQMlbz	George McClintock GM	RT
1310	KZROpu	Bill Major GM	OW
1320	WMSRIbm	Kathy Loveless OfM	RT
1340	WALLI	Sharon McWilliams GM	ERC

Wayne Heinen

4131 S. Andes Way
Aurora, CO 80013-3831

1340	WCSRr	E.D. Tromblay CE	ERC
1350	WSMBlmz	Tom Fitzmorris GM	RT
1360	KNGNlbz	Greg Fairwo DoOp	OW
1360	WCHLr	Bill Whiscent GM	RT
1370	KKMJr	Joel Burke	OW
1380	WTOOI	Shirley Coffey OfM	KJ
1380	WTOOI	Eugene Banks ExM	KJ
1390	WKTJm	Alfredo Ibarguen P/CE	ERC
1410	WDQVq	Robert Rheinart Cop	BG
1420	KTJSf	Eddie Williams	WH/OW
1440	WLPZI	Joseph M. Kelly GM	ERC
1440	WVEII	Eric Fitch CE	ERC
1450	WZAI	W. Manning GM After 2 months	ERC
1460	KIRLI	William W. White GM	KJ
1480	WOKDI	Quick Coddington CE	KJ
1500	KANIpU	Sandra Stewart M	WH
1520	WTLNI	Jim Hoge DoE	KJ
1520	WWKBFmz	Tom Atkins DoTop	BG
1550	KAPEur	Carla Vaughn OfM	OW
1550	KXOjr	Mike Stephens O	KJ
1550	WWBHJ	Debbie Belz	ERC
1555	Cayman I	Loxley Banks DoBC	BG
1560	KBWRr	U/U	WH
1570	WBUXI	Don Taylor PD	BG
1580	KBLLI	Ron Russ CE	OW
1580	WSRFI	Valencia S. Johnson OpMBG/RT	
1590	KTCHlbz	Mark Ahmann GM	OW
1610	C.B. q	Gareth Hodge M Caribbean Beacon	ERC
1610	KIE736p	Dale H. Hoak Asst Chief Park Maintenance Rt 4, Box 292, Luray VA22835	MH
1610	WXX27p	U/U M-in-Charge National Weather Service Radio 3724 Mannor Road, Austin, TX 78723	WH

Contributors

Initial	Name	Loc
OW	John Wilkins	CO
KJ	Karl Jeter	GA
BG	Bob Gilfert	VA
HH	Hank Holbrook	MD
MH	Mike Hardester	NC
SP	Stephen Ponder	TX
ERC	ERC	MA
RT	Robert Tiara	NC
WH	Wayne Heinen	CO

73
Wayne



Radio Roberval Inc.
566, BOUL. ST-JOSEPH, ROBerval,
Québec, Canada, G8H 2K6

International DX Digest

Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

Jim Renfrew

61 Wilcox Street
Rochester, NY 14607-3832

With this column we should see some improvements in the appearance of IDXD.

IDXD will be sent to Topeka on diskette, where it will be formatted, enhanced, and laser printed. What a relief to no longer be responsible for cutting and pasting! And thanks to Paul Swearingen for moving us forward!

Please note that for sake of consistency with other columns, I will now list Country, Call and/or slogan, City, Date, and Time at the head of each logging.

This reverses the time/date format previously used. In the short term, you will also notice that various accents used in French, Spanish and Portuguese words are being omitted. Paul's and my computer will be learning how to speak with more sophistication to one another! I hope that we can get these accents back in, because without them these words will be technically misspelled.

One of our Portuguese readers, Carlos L.R. de Assunção Gonçalves (several accents missing here!) (or put in wrong -pls.), has kindly shared some observations about loggings he has seen in IDXD. Thank you, Carlos.

Ben Dangerfield's bandscan got misplaced, so thanks for sending another copy, Ben, to remind me!

I've only received a few comments about my Country-Counting article. If you have some reactions, positive or negative, please send them to me. Thanks!

There will not be an IDXD during the next two issues of DXN due to my California vacation. Keep your reports and loggings coming, however, and we'll catch up when I return.

Pan-American

780 **Venezuela R. Coro** 12/20 0318. Blasting in atop frequency (WBBM looped) w/enjoyable upbeat SS mx, 0330 "R. Coro" IDs. New. Another unID SS was under this with some kind of sports event. [RF-OH]

825 **St. Kitts R. Paradise** 12/29 0300. Excellent with Copeland Ministry's Voice of Victory gospel and Praise the Lord programs. [BC-NH]

891 **unID** 12/30 0240. SS talk and music just barely audible in growling with WLS.

possibly the Colombian reported previously in IDXD by JR-NY. [BC-NH] 915 **unID** 12/25 0130-0300. Spanish station, definitely not a spur from a local or a semi-local station. [MR-CA] (I have nothing listed here; possibly a Mexican off frequency? I heard Ondas Orenses (Ecuador) here around 1983 - Jim)

940 **Cuba R. Reloj** 12/30 0220. Good with SS news, man and woman alternating, along with syncopated clock, a beep each second, and "RR" morse code, over CBM. [BC-NH]

1555 **Cayman Islands R. Cayman** 12/29 0312. Fair in WQXR splash, with news read by a woman with a very Caribbean accent, top news stories included West Indies Oil Minister resignation and lottery big money winner, followed by Bible Hour program. [BC-NH]



Trans-Atlantic

1521 **unID** 0330 12/29. Strong het noted, at times burying WWKB, perhaps Saudi Arabia. [BC-NH]

Station Information

Croatian Republic: Zadar is actually "alive." Co-channel QRM from our neighbors in Spain is usually heavy, and a loop does not help much, but Zadar still puts out a very strong signal. [Gonçalves-Portugal] Almost all transmitters destroyed (according to station announcements, for example Dubrovnik, Zadar, Vinkovci, Osijek, etc.) Now on 1134 kHz 135 kW (ex 1143 kHz), 1557 kHz Tovarnik 300 kW (ex 1125 kHz)(relays "Hrvatsko Radio Studio Zagreb", except periodically "Studio Osijek" on 1557. [R. Pankov via BE in ARC]

Guinea-Bissau: BD-PA presumes his 1070

logging may have been our ex-colony of Guinea-Bissau, but I personally do not think so, but it could have been R. France w/one of its evening programs in PP for Portuguese workers. [Gonçalves]

Morocco: 1044 Sebaa-Aioun is actually outlet "A", i.e. the Arabic language, not FF, and carries regional programs too; FF can be heard at times, just as it happens w/209 kHz. Maybe BD-PA heard some speech in FF or some other communique in the 2nd national language of the country. [Gonçalves]

Portugal: Corrections to WRTH '91: Norte is actually São Salvador, Azurara; "norte" refers to northern service. Azurara is very near Vila do Conde which is, in its turn, north of our second city, Porto. Lisboa CEN means Centro Emissor Nacional, located in Castanheira do Ribatejo, 32 km north of Lisbon. Lisboa 756 (experimental) exact location is actually Bantica, just in front of Lisbon. RDP uses 1035 in //, but decided to install a 5 kW tx mainly for coverage of the coast north of Lisbon. [Gonçalves]

Syria: 783 Portugal is usually interfered by Syria, so BD-PA heard Syria, not Algeria. [Gonçalves]

Contributors

[MR-CA] Mike Riordan, Goleta CA;
Panasonic RFB-300, Select-a-Tenna
[RF-OH] Rich Frcho, Willoughby OH; JRC
NRD-515, LA-36 Loop, LW
[BC-NH] Bruce Conti, Nashua NH; R-70,
75' wire

FEDERAL COMMUNICATIONS COMMISSION ACTION IN DOCKET CASE

REDUCTION IN LENGTH OF EBS "TWO-TONE" SIGNAL PROPOSED

The FCC has proposed amending its rules to reduce the length of the Emergency Broadcast System (EBS) two-tone attention signal to a minimum of eight seconds and a maximum of 25 seconds.

The amendment would also reduce the time delay incorporated into the demuting process to a minimum of three seconds and a maximum of four to 22 seconds. Additionally, the FCC has proposed adding a new rule section prohibiting broadcast stations from any transmission of the EBS attention signal tone, the broadcast of any recording of the attention signal, or the transmission of any other simulation of the

Dangerfield Abroad

Ben Dangerfield's daytime list from Barbados, strong (*), weak (-); in August, 1991:

535 GRENADA, St. George's
560 GUYANA, Georgetown -
595 DOMINICA, Roseau
600 VENEZUELA, Cumana
610 TRINIDAD, Port of Spain
620 ANTIGUA, St. John's *
640 GUADELOUPE, Point-a-Pitre
660 ST. LUCIA, Castries (EE)
690 ANGUILLA, Caribbean Beacon
705 ST. VINCENT, Kingstown *
720 VENEZUELA, Porlamar
730 TRINIDAD, Port of Spain
740 DOMINICA, Voice of Life *
760 GUYANA, Georgetown -
780 BVI, Tortola -
790 BARBADOS, Bridgetown *
800 NETH. ANTILLES, Bonaire -
840 ST. LUCIA, Castries R. Caribbean

International (days only) *

860 DOMINICA, Roseau (relg)
900 BARBADOS, Bridgetown *
970 VIRGIN IS., St. Croix -
1020 VENEZUELA, R. Margarita
1090 ST. LUCIA, R. Caraiibes (FF) *
1100 ANTIGUA, St. John's
1110 VENEZUELA, Carupano
1165 ANTIGUA, St. John's (relg)
1310 MARTINIQUE, Fort de France
1470 VENEZUELA, Carupano
1610 ANGUILLA, Carib. Beacon R. Antilles
not noted. St. Kitts 825 and 555 not noted during days.

attention signal tone in any circumstances other than in actual national, state or local emergency or for the purpose of an authorized test of the system.

In response to a proposal of the National Association of Broadcasters to revise the EBS test script and allow the activation, monitoring and full control of the EBS System operated by remote control, the FCC said it would initiate a Notice of Inquiry on this matter in order to solicit more information and comments on the matter.

Action by the Commission October 9, 1991, by Notice of Inquiry and Notice of Proposed Rule (FCC 91-318). Commissioners Sikes (Chairman), Quello, Marshall, Barrett and Duggan.

-via Pete Kemp

Are you expiring?

We hope not! To avoid expiration, mail your remittance to the DX News Membership Center early. Allow at least three weeks after mailing your check or money order for new renewal data to appear on your DXN mail label.

Domestic DX Achievements

Donald Erickson

6059 Essex Street
Riverside, CA 92504-1599

Domestic DX totals listed periodically in different categories

YR	Up	Name, Location	TPH	SH	PH	TDT	ST	PT	TDV	SV	PV
26	79	Joe Brauner, westcentral PA	5519	50+	10				3659	50+	9
32	78	Ernest Cooper, Cape Cod, MA	3601V	48V+	10V				3601	48+	10
33	86	William J. Prater, KY	3444	50+	9				3446	50+	9
31	89	Sid Steele, eastern IL	3300E	49+	10				2946	49+	10
70	84	Robert Kramer, Chicago, IL	3071	50+	10	2164	49+	9	2038	49+	10
56	88	Roger Winsor, Hobart, IN	3018	50+	10				1193	50+	8
24	78	Steve Bezilla, central PA	3000E	48	8				50E	45	4
66	86	Gary Siegel, Toledo, OH	2536	49+	10	60	22	6	6	4	1
30	90	Frank Wheeler, nw PA	2507	50+	9	232	34+	3	1708	50+	9
50	78	Ed Krejny, vic Cleveland, OH	2456	49+	10				2141	49+	10
59	90	Carl W. Dabelstein	2359	50+	8	1303	44+	7	2242	50+	8
70	86	Stephen Francis, ne TN	2247	46+	7				43	42	0
46	89	Hank Holbrook, Annapolis, MD	2161V	50V+	10V				2161	50+	10
54	86	Jerry Starr, Youngstown, OH	2159	50+	10N	1055	50+	10N	1610	50+	10N
58	78	Bill Coleman, Rocky Mount, NC	2105	46	12				456	46	10
58	78	Ernie Wesolowski, Omaha, NE	2050	49+	9				1950	49+	9
39	84	Dennis Pimper, ne NE & Brig. Cy	2015	47	7	651	40	5	400	45	6
31	84	Peter Clarius, nr Eliz. Cy, NJ	2012	48	10				1449	48	10
22	87	Harold Whittier, vic Boston, MA	2003E	42	10				330E		
52	87	Roy Millar, vic Seattle, WA	2000E	50+	10N				1647	50+	10N
58	78	Warren Brown, southeastern RI	2000E	47					1500E	49	
61	78	Joseph Fela, central NJ	1861	49+	10	400E	40+	7	1045E	48+	9
45	78	Ken Chatterton, northern NY	1845	50+	10				1101	50+	10
70	78	Karl Forth, vic Chicago, IL	1771	48+	10	1077	48+	10	1088	48+	10
67	82	Rich Eddie, Saint Louis, MO	1726	50+	9				1538	50+	9
	85	Dave Whatmough, Hamilton, Ont.	1724	49+	10				967	49+	10
69	84	Karl Jeter, Atlanta, GA	1574	44+	6				1193	44+	6
62	81	R. J. Edmunds, nc NJ	1545	47+	9	806	41+	8	263	42+	6
60	90	Andy Rugg, Montreal & sc Ont.	1472	47+	10	144	27+	7	1445	47+	10
70	87	John Malicky, Pittsburgh, PA	1461	40+	7	1184	40+	6	902	38+	7
73	78	Wayne Murphy, Louisville, KY	1417	47+	7	748	45+	6	7	7	0
68	84	Dennis Pimper, nr Brig. Cy, UT	1375	45	7	651	40	5	400	45	6
64	89	Wayne Heinen, all locations	1374	49+	9				1241	49+	9
62	78	Gary Atkins, Louisville, KY	1360	49+	7	102	36	1	260	41+	4
60	90	Andy Rugg, Montreal, PQ	1304	47+	10	144	27+	7	1281	47+	10
63	89	Ray Arruda, nr Boston, MA	1292	47+	9				972	47+	9
64	81	Elliot Straus, vic NYC, NY	1278	44+	9				734	40+	8
62	91	Ron Musco, vic Hartford, CT	1270	46Y+	9	105	28	3	1144	46+	9
65	79	Dave Schmidt, se PA/n DE	1250E	48	8	400E	40	4	1006	48	8
21	78	Ross Hansch, southern WI	1247	50	10				75	40	1
64	78	Bruce Portzer, Seattle, WA	1233	44	7	256	41	7	471	40	7
74	82	Rick Carr, Austin, TX	1213	43+	7				1199	43+	7
60	81	Don Lynch, Chelmsford, MA	1142	45+	8				139+	4	
77	84	Bob Mielcarek, Milwaukee, WI	1130	42+	5				154	39	5
62	90	Harc DeLorenzo, eastern MA	1124	45+	9				535	45	9
61	78	Neil G. Zank, Lincoln, NE	1100	46	9				102	27	2
70	82	Harry J. Hayes, ne PA	1100	41+	9	502	39+	9	107	42	4
77	79	John Hoogerheide, Louisville	1083	42	4				671	42	4
78	87	Niel Wolfish, vic Toronto, Ont.	1080	43+	10	402	39	6	550	42+	10
57	78	Robert Foranorth, Long Island	1000E	49+	10	400E	44+	9	270E	48+	7
69	78	Rob Kseney, nr Kansas City, KS	990	49	8				419	49	8
74	85	Sharon Skowera, Enfield, CT	970	40+	8	370	38+	6	247	40+	8
68	89	Thomas White, nr Washington, DC	964	39+	7				243	38+	7
78	81	Rich Kenneally, Cincinnati, OH	958	43+	6	958	43+	6	6	6	0
76	89	Jim Renfrew, Rochester, NY	950	43+	9	68E	27E	5E	161	37+	6
63	79	Chuck Hutton, Atlanta, GA	949	46	6				26	16	1
78	81	Michael Jeziorak, IL	948	42	6				31	16	0
78	84	Mike Knitter, Cambridge, WI	936	44	6	933	44	6	20	17	3
72	78	Dick Truax, Louisville, KY	935	46+	6	120	35+	5	873	40	7
75	89	Wayne Heinen, Colo. Front Range	927	40	7				692	44+	7
64	78	Kelly Andrews, NC & VA	925E	45+	9				912	45+	6
54	78	John Sampson, Omaha, NE	912	45+	6				16	13	0
66	84	Ken Onyschuk, near Chicago, IL	900E	43+	5				42	19	5
64	78	Greg Hardison, Atlanta, GA	900E	36	6				455E	43	7
72	78	Jim Hopkins, southern NJ	850E	44+	7				5	3	0
60	84	Bill Hardy, coastal WA	846	40	5				7	7	0
82	89	Bob Smolarek, nc NJ	817	36+	5	78	16	5			

YR	UP	Name	Location	TDH	SH	PH	TDI	ST	PT	TDV	SV	PV
75	89	Paul Swearingen,	e KS	805	43+	6	535	40+	5			
57	78	Art Fregeau,	Northford, CT	803	45+	10N				214	41+	7
69	78	Bill Whitacre,	Lansing, MI	800	49	7	500E	49	6	250	49	7
72	78	Eric Fader,	New York City, NY	800E	38+	9	100E	23+	4	20E	7	2
69	78	Jim Wallace,	Columbus, OH	795	41+	7				137	36+	3
62	78	Jerry Bond,	Rochester, NY	785	43+	8	50E	10	2			
82	90	Bob Harrison,	northeastern NJ	781	35+	7				512	34+	7
69	84	Nancy Hardy,	coastal WA	778	40	5				3	2	0
75	89	Stephen Ponder,	Shreveport, LA	769	39+	5	10E	4	4	721	39+	5
81	86	John Herman,	Vinita, OK	763	37+	5				234	35	4
60	84	George Greene,	Akron, OH	743	45+	7				119	29	3
69	84	Mike Hogan,	vic Chicago, IL	722	45	10	302	-	-	41	24	1
85	87	Niel Wolfish,	Winnipeg, Man.	722	40	6	113	10	4	220	35	6
67	89	Jim Renfrew,	New Canaan, CT	721	39+	8				247	35+	7
74	78	Roger Morby,	Albany, NY	716	38+	8	320E	32+	8	21	14	1
31	81	Frank S. Johnson,	Belfast, ME	714	48	10				129	28	9
72	81	Mark Strickert,	Chicago, IL	712	45+	6	120E	25E	4	55	23	2
81	89	Rick Dau,	Oakland, IA	700	40	6	32	8	0	42	16	2
		Bruce Winkelman,	Greensboro, NC	686	40+	4						
87	89	Jeff Tynan,	Parker, CO	674	36	5				128	27	5
64	77	John Hathaway,	central IL	666	42	5				309	40	5
76	78	Robert Wien,	San Jose, CA	666	40	6				349	38	6
73	78	Brett Hanavan,	vic San Diego	663	39	5	221	29	4	99	33	2
73	78	Lynn Burke,	tidewater VA	650	36+	6				18	7	1
78	79	Mike Deitz,	tidewater VA	615	38+	5						
73	78	Mike Anderson,	Louisville, KY	600	38+	5	120	29+	2	33	22	1
77	79	John Buehler,	Toledo, OH	591	43+	6	360	41+	5	1	1	0
75		Dan Gradin,	nr Gresham, OR	589	39	6				16	15	1
70	78	Weldon Childers,	nr AL	587	32+	3						
65	82	Terry Klasek,	St. Louis, MO	584	50	9				541	50	9
76	78	Don Davis,	Macon, GA	580	39+	3	10E	4	4	410	35+	2
71	89	Jim Renfrew,	Severna Park, MD	553	36+	5				15	8	1
81	82	Neal Perdue,	Falkville, AL	552	34	-						
78	81	George Walton,	Easton, PA	542	36+	8	264	36+	6	16	11	2
76	87	Steve Goozovat,	Binghamton, NY	535	36+	7						
64	-75	Wayne Heinen,	nr Buffalo, NY	533	34+	9				453	34+	9
74	86	Jim Hilliker,	Anaheim, CA	525	35	5	300E	35	5	181	31	5
73	78	Philip Boersma,	western MI	520	41	6				50	24	3
84	88	Phil Tallman,	Ardmore, OK	520	40+	4	14	11	0	397	37+	4
79		Bryan Lee,	Brooklyn, CT	516	36	7				49	21	3
61	89	Donald Erickson,	Riverside, CA	508	36	6				247	31	5
74	78	Bob Walker,	nr Louisville, KY	503	35+	6	218	31	4	168	33	4
75	82	John Clemmer,	Peoria, IL	500	37+	3	4	4	10	8		
73	86	Paul Mount,	northeast NJ	489	36+	7	199	26+	5	224	33+	6
70	78	Tex Stout,	Okloma, KY	477	32+	4	15			9	7	
68	-78	John Sampson,	Winston-Salem, NC	450	30+	1				450	30+	1N
81	89	Eric Bueneman,	MO & GA	415	39+	5				276	34+	5
78	86	Paul Mount,	southeast OH	390	36+	3	60	25	1	3	3	0
76	78	Dave Korinek,	nr San Diego, CA	385	38+	5	30E	20	3	230E	34+	5
59	78	Linda Brodsky,	vic NYC	374	35+	7	108	36+	6	43	26+	3
70	82	Konstantine Rychalsky,	c CT	370	33+	6				315	32+	6
78	78	Bob Jinkerson,	vic Saint Louis	366	33	2				9	8	1
69	78	Richard Noel Allen,	nr OK	350	38	7	3	2	1	41	13	7
60	-78	John Sampson,	Hutchinson, MN	336	42	6				336	42	6
78	89	Jim Renfrew,	Raleigh, NC	329	27+	2						
76	82	Brian Bursack,	Columbus, OH	320	34+	5	19	15	?	6	6	0
81	89	Eric Bueneman,	metro St. Louis	315	38+	5				233	34+	5
59	88	Peter Taylor,	San Francisco, CA	307	32	7	1	1	0	263	32	7
75	81	Gary Houdek,	northcentral KS	294	34	3				31	21	1
87	89	Rick Dau,	Iowa City, IA	261	27	4	8	5	0	11	5	0
66	78	John Sampson,	Cupertino, CA	258	17	3				258	17	3
52	-56	Peter Taylor,	Durham, NC	250	40+	6				205	38+	6
69	-78	Bob Karczewski,	San Francisco	243	36	5	197	35	5	198	36	5
78	89	Jim Renfrew,	New York, NY	242	32+	2						
74	85	Patrick O'Connor,	Hinsdale, NH	234	28+	5	2	1	0	164	28+	5
76	86	Dave Holten,	eastern WA	221	22	4	12	5	0	26	18	3
71	86	Rick Krzemien,	vic Chicago, IL	197	47+	9				131	45+	8
74	81	Jack Woods,	western OR	194	26	4				25	18	0
67	85	Richard Turner,	se MA	187	29+	6						
65	-78	John Sampson,	metro NYC	181	33+	6				181	33+	6
47	88	Peter Taylor,	Miami, FL	174	29+	4				132	27+	3
70	85	Marshall Lillie,	Erie, PA	170	26+	2				135	22+	1
84	89	Jim Renfrew,	San Diego, CA	164	17	3						
88	89	Eric Bueneman,	Woodstock, GA	100	25+	3						
82	84	Hurley Parkhurst,	Nenana, AK	37	29	8						

QRT7

1900, 125 - 9th Avenue S.E.
Calgary Alberta T2G 0P6

T=Total D=Domestic H=Heard T=Taped V=Verified S=States P=Provinces
+=Washington, DC YR=Year began DXing UP=Updated as of E=estimated
N=Northwest Territories
V in the Heard columns is Verified quantities used for Heard quantities

Not many members have shown interest during the previous couple of years but I'll continue preparing columns whenever there are half a dozen updates whether you've changed your totals or not.

If you haven't sent your totals recently, please include your name as you wish it listed, your city or location including state (subject to abbreviation for space), the year you began DXing or began AM DXing, and nine (9) totals. They are Heard, Taped, and Verified (in that order) for Total Domestic/States/Provinces (in that order). If you maintain that order, it isn't even necessary to specify what is what. Just 3 rows of 3 numbers. Please use a + in the States columns to indicate Washington, DC, and NWT or YT in the Provinces columns. If you do not count tapes, please include 0-0-0 for those figures.

By **BERNADETTE DUNCAN**

Visiting the Rush Limbaugh Show is like returning to your sixth-grade class at the very moment the teacher has left the room and the class ham has taken over.

He wears a tie splashed with more color than a 24-pack of Crayolas.

A typical Limbaugh minute unfolds: He croons along with the bluesy theme that opens the show, pounds the console four times to make a point, breaks into a squeaky voice, rattles newspaper clippings at the microphone, and spins his hand in more directions than a bartender on a busy night. At 5-foot-11 and 310 pounds, looking more boyish than he sounds, the man springs in hundreds of directions.

Including across the country - 440 affiliates partake of this news-talk chaos. Monday through Friday, 8 million listeners who love and hate Limbaugh tune in - nearly as many as the combined audience of radio legends Bruce Williams and Larry King (5 million and 3.5 million, respectively).

What exactly is a Rush Limbaugh?

The name itself is no fabrication. He is the third Rush in a long line of Limbaughs.

Tune in locally to WABC (770-AM), from noon till 3 p.m. and you'll hear the 40-year-old right-winger bombard his favorite liberal targets. "Femi-Nazis" (militant NOW members), "commie-pinko libs," "pencil-neck geeks" and "environmental wackos" (ecology activists) are among those he subjects to musical spoofs, biting sound effects, and news updates, all with a satirical conservative bent.

Limbaugh is unique among the right-wing talkers: Polite to those who lean to the left, he goes out of his way to show them how to escape their troubled existence. And he is - imagine this - a conservative with a sense of humor. He teases the liberals: they call him racist-sexist-insensitive; ratings rise.

Unlike most radio talkers, he cruises along without guests, and, in fact, very few



SET IN HIS WAYS: Limbaugh's is truly a one-man show.

ED MOLNARI/DAILY NEWS

RUSH, RUSH

Limbaugh ribs the libs & rakes in the bucks; and 8 million listeners pay attention

callers. With news clips spread before him, Limbaugh takes off.

"This is not a show where we care to find out what America thinks. This is a show about what I think, what I'm interested in," he says. Daily he'll remind listeners that he has talent "on loan from God."

Is this guy kidding? Well, yes No. Maybe. Says Limbaugh, "I'm just trying to provide spontaneous and unpredictable entertainment every day on the radio. Here's a show that skewers the liberal sacred cows and stands up for the traditions and institutions that have made this country great. This show is filling a political void."

And tuning his pocket, too. As the radio program soars, Limbaugh has taken his show on the road on weekends and has created an industry unto himself. The "Rush to Excellence" tours, as they're called, are likewise a rush to the bank. With about 45 personal appearances this year in cities where his show is heard, Limbaugh earns an additional \$350,000 or so, not to mention the sums from T-shirts, mugs, bumper stickers, caps and videotapes.

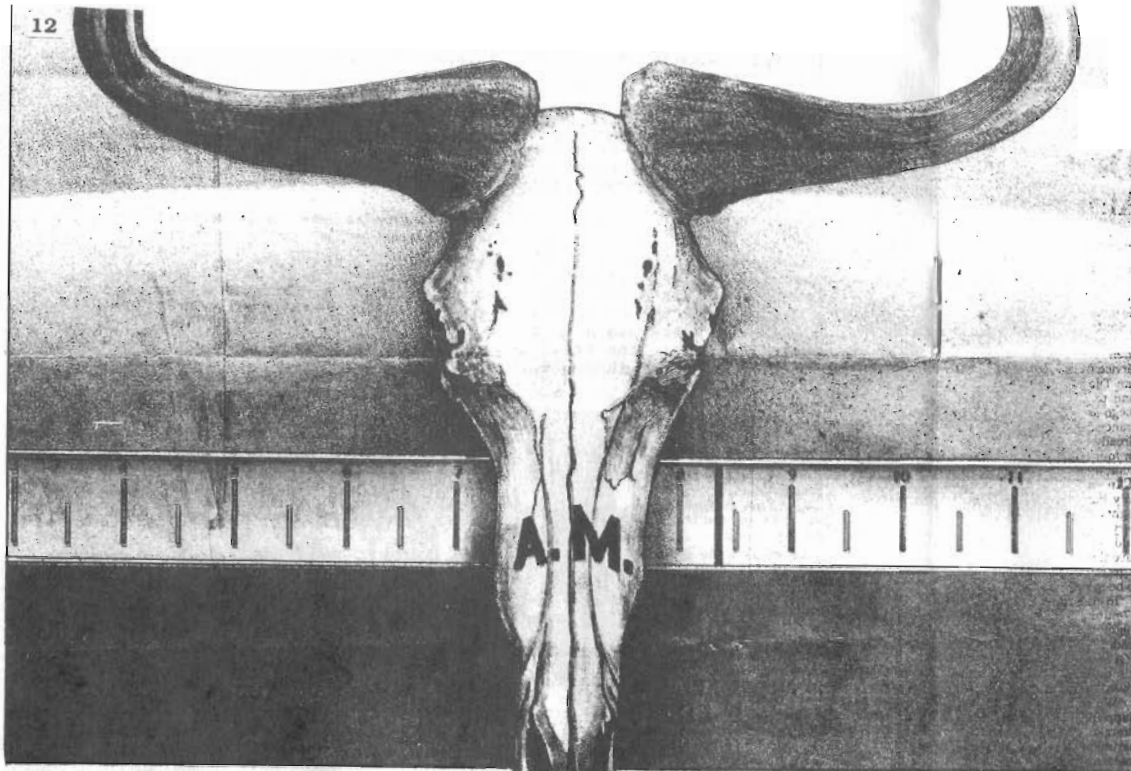
Also in the works is a book for Simon and Schuster called "The Way Things Ought to Be" and coming up in 1992 is a half-hour, late-night television talk show. Republican media mogul Roger Ailes is co-producer.

Clearly, Limbaugh has come a long way since his first deejay job at 16 in his hometown, Cape Girardeau, Mo.

Limbaugh is many things to different people: Lynn Samuels, a liberal yaker at WABC says, "I think that everything he says is off the wall. But I love Rush. He's just very sweet. Though he's not going to like that I'm saying this, I think he's very insecure." (Perhaps so, considering that his staff insisted on screening this reporter.)

All in all, he's a character's character. And he knows how to make radio work.

(Bernadette Duncan is a freelance writer.)
New York Daily News
-via Pete Kemp



The Sacramento Bee
-via John Lovegren

BAND on the RUN

Burdened with fossilized formats and overshadowed by FM's vibrancy, AM radio is struggling for a future.

BY DAN VIERRIA / BEE STAFF WRITER

Fiddled around the AM radio band lately? There's a prayer line, mucho Espano Ferrante & Teicher (remember them?) and Johnny Mathis (remember him?).

And then there's Rush Limbaugh, baseball games, tips for better azuleas, advice on defleasng Harold the hound, and seven ways to season beef stew.

But wait, there's more. Need a low-interest real estate loan or the lowdown on rose hips? How about the untold secrets of troi fishing and medical advice on dealing with hemorrhoids, impotence and overactive sweat glands?

Today's AM radio, which was yesterday's sanctuary of Top 40 music, now delivers news and information, plus a few music formats that stubbornly refuse to go quietly into the ionosphere.

"The only formats that seem to make it on AM today are Spanish, news-talk and religious," said Jamie Clark, general manager of Christian-talk KFIA (710 AM) and Christian-adult contemporary Q102 (KLIQ 101.9 FM).

The bad news for AM radio is that there's a generation of young listeners out there who have no intention of ever switching from their beloved FM stereo stations. Some of the walk-around radios don't even have

AM bands. There is even a creeping suspicion that some younger listeners aren't aware that AM exists.

"Sometimes I wonder if my kids even know what their dad does," said Mike Cleary of KNBR's (680 AM) morning show.

There isn't much AM radio good news to report, except the occasional ratings boost that news-talk stations get during major news periods like the Persian Gulf War. In those cases the FM station program directors point to a "skewed" book and predict a rapid return to normalcy where listeners scurry back to superior sound quality.

"AM was reporting the news while the FM jocks were still playing 'Guns n' Roses,'" said Brent Paris, general manager for KPLA (770 AM), which has a "lifestyle" format and 50,000 watts licensed in Riverbank. "That shows listeners still know where to go when something is happening."

FM radio has done to AM radio what the compact disc has done to vinyl albums. The FM stereo music formats have flourished since the late-1970s and steadily eroded the inferior-sounding music formats on the AM. Two developments in the 1960s — the Federal Communications Commission granting FM stereo capability and antenna rule changes that improved signals and allowed better car radio reception — enabled FM to begin its push past AM.

Before that, the FM band existed in relative anonymity for decades. In Sacramento, the old KFBK-FM (now KGBY 92.5 FM) went on the air in the mid-1940s and was a classical music format for some 30 years.

Today, it's the AM side's turn at anonymity. Aside from any real help from FCC regulations, it's up to AM station owners to decide whether

BEE ILLUSTRATION BY JIM CHAFFEE

the band turns into a police frequency or moves ahead with positive programming changes.

"In isolated areas, AM's future will get better, but as a whole, I don't think it will improve its lot much down the road," said KFBK (1530 AM) general manager Rick Eytcheson.

MANY AM stations are owned by corporations that also own an FM signal in the same market. The FM stations with their superior sound and loyal audiences bring in the bulk of the ad revenue, and the AM sides often are virtually ignored.

"What you've got are a bunch of idiot radio operators who have done everything in their power to kill AM," Paris said. "They treat the AM sides as a place to burn off spots (ads and public service announcements). The FCC needs to make rules to force operators to work the AM side."

KFBK, like San Francisco's KGO (610 AM), has enjoyed No. 1 status in its market with a news-talk format. Seldom, however, are there more than two or three AM stations in the top 10 of major markets. Besides KFBK, only country music KRAK (1140 AM) occasionally delivers top-10 ratings in Sacramento.

Both stations hinge some of their advertising dollars on personality endorsements. On KRAK it's Jerry Mitchell and Big Jim Hall, while KFBK has the market's top-rated morning team in Bob Nathan and Dave Williams. The stations are owned by corporations, and both have FM sister-stations to help bolster their revenue-gathering strength.

The most telling numbers are in the Arbitron ratings of Sacramento's two country stations — Country 105 (KRAK 105.1 FM) triples the audience share of KRAK-AM.

"Research shows the erosion of AM nationwide, but in Sacramento I think we've seen the ratings slide stabilize the last two years," said Don Langford, program director for both Country 105 and KRAK. "Do I see a great resurgence of the AM band? No."

Paris had an even more dire warning. "If things don't start changing, there's going to be a whole lot of holes in the AM band," he said.

Changes, most agree, will involve more specialization in AM programming, which will lead to an

Obituaries

Elton M. Plant, pioneer voice on fledgling radio station WWJ

By Doug Bradford
THE DETROIT NEWS

Elton M. Plant, a Detroit newspaperman who made local radio history in August 1920, died of heart failure Tuesday, Dec. 31, 1991, at Salvation Army Grace Hospital in Windsor. He was 88.

Because Mr. Plant's voice was the first heard over WWJ radio, he was credited with being its first announcer — at age 17.

Two years after joining The Detroit News as an office boy, he once recalled, the managing editor told him he had been heard singing around the conference room.

The newspaper owned the fledgling radio station and Mr. Plant, who wanted to be a sports writer, was told he was being transferred to help out "on that radiophone gadget."

When he objected that the move

might interfere with his few sports-writing assignments he received more news: "For goodness sakes, no. This is after hours."

"This is 8MK (WWJ's original radio name) calling, this is 8MK calling," Plant shouted into a megaphone on the station's first broadcast.

"If you're hearing our voice, please telephone CHerry 2000."

Fewer than 30 Detroiters did.

Mr. Plant continued in radio while also working as a reporter and editor for the Windsor Star, having left The News in 1922. He helped put two pioneering radio stations on the air. In 1932, he hosted *Breakfast Blarney*, a morning talk show, which was the first program heard on CKLW radio.

After work as the Star's city editor and feature editor, he went into advertising and ran an agency bearing his name for 25 years before

retiring in 1965.

He also operated sound and alarm companies in Windsor.

Mr. Plant was chairman of the Canadian National Institute for the Blind through his long membership in the Downtown Windsor Lions Club, was finance chairman for Lions Manor (an apartment complex for the blind and elderly) and worked in Windsor's Muscular Dystrophy campaign.

In addition, he produced and directed musical variety shows for the Goodfellows in the 1920s and 1930s. Surviving are his wife, Leona; one son, W. Elton C.; and three grandchildren.

The body has been cremated. A memorial service will be at a future date in Lincoln Road United Church, Windsor, where he was a member. The Morris Sutton Funeral Home, Windsor, is in charge of arrangements.

increase in comedy, business and other narrow-band formats.

"You can see it in TV where network television is becoming a dinosaur," said Eytcheson. "Cable and its narrow targeting is chewing the networks up. There's no such thing as a mass-appeal product anymore."

Eytcheson said he expects Asian radio formats to follow Spanish as viable AM programming of the future.

"There are formats out there not yet invented that will work on AM radio," said Eytcheson. "WFAN in New York is an all-sports AM, and it's in the top 20 there."

Even with the occasional AM stereo sound, like that heard on classical music KSAC (1240 AM), music formats have mostly migrated to FM.

"I happened to be very involved in AM stereo in the early '80s, and even though there were several variations, it never seemed to catch on," said Gerry Cagle, program director for KWOD (106.5 FM). "You can clean up the fidelity of AM, and the difference between it and the FM sound is so infinitesimal the human ear can barely pick it up. One of AM's biggest problems is that right now there's just no viable music format for it."

Musically, several FM stations, fearing the ravages of decreased ad dollars because of an aging audience, dumped easy listening and beautiful music formats onto the AM, where one can still hear "Exodus" and "Theme From Love Story," along with numerous Frank Sinatra selections. Those formats are now called "nostalgia," and they're doing quite well both in Sacramento with its Sunny 1320 (KTCT 1320 AM) and San Francisco with Magic 61 (KFRC 610 AM).

There also are a half-dozen AM country music stations available to Sacramento listeners.

"Research shows that a lot of people who like country music just have AM radios in their cars," Cagle said. "Country listeners aren't interested in fidelity, but that is changing."

Sports contracts also are desirable programming to pair with whatever else the AM offers. Mike Oakes, Sunny 1320 program director, said his station adds as many listeners as it loses for its Oakland A's game broadcasts, but that the station's format is a better match with baseball than the old beautiful-music format. Nostalgia, according to Oakes, attracts about a 50-50 ratio of male to

female listeners (much more male-oriented than the former format), while baseball appeals to a male-oriented audience.

"Baseball is a prestige contract which adds a feeling of localism to a station, plus provides revenue," Oakes said. "With Oakland only about 90 miles away, and the team's Bay Area signal (KSFO) so weak here, the localism becomes much stronger."

News and news-talk are the most successful AM formats because listeners don't seem to need the human voice in FM stereo. While talk formats have sprung up on FM in such cities as Philadelphia and Miami, station owners have kept it primarily on AMs to keep them financially afloat.

Because of California's growing Hispanic population, Spanish formats appear to be in good shape in Sacramento. In mid-April, the Fuller-Jeffery-owned KMCE (650 AM) began broadcasting Spanish programming with a 25,000-watt signal. Until a sale can be consummated, the same programming can be heard on its former dial position KRXC (1110 AM).

"Judging by the census figures and the million and a half Hispanics in our listening area, the future of Spanish formats looks bright," said KMCE program director Jose Reynoso. "But ratings are deceiving when it comes to Spanish radio, and the ratings companies really don't service or research the area for diary keepers."

ARBITRON COLLECTS its ratings information from diaries, which are filled in by listeners who record what stations they've listened to each day. The company sells the information to radio stations, and advertising rates are set with an eye on the ratings. However, ratings are not the only judge of how well a station is doing, especially for AMs, where ratings can be microscopic.

"AM operators have to be innovative and not live out of the ratings book," Paris said.

He predicted the AM stations that will survive between now and the turn of the century will be the 50,000-watt stations in major markets and the 5,000-watt "mom and pop peanut whistle" stations in tier markets.

"Ultimately, if you provide a good service, people will listen," said Paris.

Formats

Tony Fitzherbert

356 Jackman Avenue
Fairfield, CT 06430-1728

Changes in programming status; reported by listeners

A few items from the mailbox. Dave Schmidt notes that WPGR-1540, in Philadelphia is to go to brokered programming sometime in December. WPGR has been a doo-wap type of oldies station with veteran Philadelphia rock DJ's, and has been sold. Al Holtz, in Philly, sends along information that WIBG-1020, Ocean City, NJ, is indeed simulcasting WSKR-102.7, in Atlantic City, which, in turn, simulcasts WIP-610, from Philadelphia from 6:00am to 6:00pm. Hmmm. Al also passes on that WBUX-1570, Doylestown, PA, is one of a lot of AM stations joining a regional network - the North East Satellite Entertainment Network, from Rochester, NY. This effort must have the entire TV industry quaking with fear. We have a lot of material for you. Dave and the M Street Journal are our contributors, John H. Rose II sends a current Dial Scan from the Motor City, and Conrad Derocher updates us from Springfield, MO. Gentlemen, thank you very much!

As was suggested, all of the silent stations are left out - they are in both Bill Hale and Jerry Starr's columns. Welcome aboard our holiday Formats columns!!!

- 600 WCAO MD Baltimore - On 11/25 dropped CWM for Black Gospel, "Heaven 600" - 3rd Black Gospel Station in Baltimore, dumped its staff, some of which had been there for years (DS).
- 660 WESC SC Greenville - Classic country (M).
- 770 KULL WA Seattle - Unis oldies (M).
- 780 WLRM MS Ridgeland - Drops motivational glop for Unis CNN Headline News (M).
- 790 KSPD ID Boise - Christian Talk (M).
- 840 KVEG NV Las Vegas - All SEN Sports (M).
- 850 WRUF FL Gainesville - News/talk w/ Daynet, Talknet, CNN Headline News, and For the People (M). Do they have any live employees in the control room (TF)?
- 930 WFMD MD Frederick - All talk (M).
- 950 KAHI CA Auburn - SMN CWM (M).
- 980 WTRY NY Troy - Oldies//FM (TF).
- 990 WHOO FL Orlando - Black gospel in the AM, rock//FM at other times (M).
- 990 KISS TX Terrell Hills - Oldies//FM and KSMG (M).
- 990 WERK IN Muncie - Unis oldies//FM (M).
- 1000 WGOG SC Walhalla - Southern Gospel (M).
- 1020 KCIL IL Carbondale - SMN Adult Standards (M).
- 1080 WRYT IL Edwardsville - BRN Business News (M).
- 1140 WLOD TN London - Classic country (M).
- 1220 KOMC MO Branson - Nostalgia/light AC/news/talk (Conrad Derocher).
- 1230 WNTW AL Tuscaloosa - News/talk (M).
- 1230 WGGG FL Gainesville - SEN Sports (M).
- 1230 WCOL OH Columbus - SMN Kool Oldies/Talk (M).
- 1230 WSJR ME Madawaska - SMN Kool Oldies//WLVC-1340 (M).
- 1240 WUOK MA West Yarmouth - News/Sun Talk (M).
- 1250 WQXA PA York - Was WQVU, CWM, now CHR//FM (M).
- 1270 WUCO OH Marysville - Oldies (M).
- 1280 WAMS SC Anderson - AC//FM (M).
- 1280 ATOL WA Lacey - CWM//KJUN-1450 (M).
- 1300 WJSH IN Terre Haute - Ex-WYTC, adult standards (M).
- 1310 WTLB NY Utica - Unis adult standards (M).
- 1320 WAMR FL Venice - All talk (M).
- 1320 WLOH OH Lancaster - Unis CNN Headline News (M).
- 1340 WLVC ME Fort Kent - SMN AC//WSJR-1230 (M).
- 1340 KVIV TX El Paso - Spanish (M).
- 1350 WOYK PA York - Dumps SMN Pure Gold for LIVE ASSIST country music (DS).
- 1360 KLCJ TX Amarillo - Was KFNS, news/talk, now religion (M).
- 1370 WLOV GA Washington - Sun Talk (M).
- 1380 KGLD MO St Louis - All sports on 1/01/92 (M).
- 1410 WING OH Dayton - Unis CNN Headline News (M).
- 1430 WENE NY Endicott - Unis 41 - AC//FM (M).

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- 1450 WFXH PA South Williamsport - All SEN Sports (M).
- 1470 WBIT GA Adel - Southern Gospel (M).
- 1470 WRQQ PA Farrell - On air w/ BRN//WYWR, Campbell, Ohio (M).
- 1490 WDBQ IA Dubuque - Unis adult standards (M).
- 1500 WKIZ FL Key West - Returns to oldies (M).
- 1510 WAHT PA Annville - Back on air w/easy listening music (M).
- 1570 WKBH WI Holmen - SMN CWM (M).
- 1580 WUIV NC Icard Township - AC/WNNC (M).

And up to Detroit for a Dial Scan with John Rose II.

- 540 CBFB ON Windsor - CBC French.
- 560 WHND MI Monroe - Oldies.
- 580 CKWW ON Windsor - AC/Talk, full service for Windsor.
- 630 CFCC ON Chatham - AC.
- 690 WNZK MI Westland - Ethnic.
- 710 CHVR ON Leamington - CWM Pays.
- 730 CHVR - 7 - CWM Nights.
- 760 WJR MI Detroit - Full service news/sports/talk.
- 800 CKLW ON Windsor - Big Bands.
- 950 WWJ MI Detroit - All news.
- 990 WWCM MI Ypsilanti - Religion.
- 1030 WUFL MI Sterling Heights - Religion.
- 1050 WPZA MI Ann Arbor - AC/Full service.
- 1090 WCAR MI Livonia - Brokered talk and ethnic.
- 1130 WXCI MI Detroit - CWM.
- 1160 WACY MI Fenton - Rare oldies.
- 1200 WCHB MI Taylor - Urban Contemporary/Black Gospel.
- 1270 WXYT MI Detroit - News/talk.
- 1310 WMTG MI Dearborn - Motown Gold.
- 1340 WEXL MI Royal Oak - Religion.
- 1350 WHMI MI Howell - AC.
- 1400 WQBH MI Detroit - Black AC.
- 1440 WMKM MI Inkster - Black Gospel.
- 1460 WPON MI Pontiac - Country music/Ethnic.
- 1480 WSDS MI Ypsilanti - Country music.
- 1500 WLQV MI Detroit - Religion.
- 1550 CBE ON Windsor - CBC English.
- 1600 WAAM MI Ann Arbor - News/information.

And Conrad Derocher Dial Scans the AM band in Springfield, MO....

- 560 KWTO MO Springfield - News/talk.
- 1060 KTOZ MO Springfield - Big Bands.
- 1260 KTTS MO Springfield - Full service, country music.
- 1340 KIDS MO Springfield - Pre-teen, from 0800 to 1:00pm, while the preteens are in school!!! Was rock station KICK, tops in the market for years until it went silent in March 1990.
- 1400 KGBX MO Springfield - AC.
- 1550 KLFJ MO Springfield - Religion, easy listening Christian music.

What a fine column! Thank you so much! Could anyone help out with Dial Scans from Seattle, Portland, OR, Anchorage, and Phoenix? Please do, and also, to everyone...please get your format changes into your Formats column. And a Happy, Healthy 1992 to all.

73's

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Realistic DX-440 vs. Sony ICF-2010 (An MW DX Evaluation)

By Mark Connelly - WA1ION

Two of the most popular portable receivers currently in production are the Sony ICF-2010 (a. k. a. ICF-2001D) and the Realistic DX-440 (a. k. a. Sangean ATS-803A). The intention of this article is to provide a performance comparison, from a medium-wave DX perspective, of these two receivers in not-overly-technical terms.

1. **Price:** The DX-440 wins here. U. S. Radio Shack stores normally sell this for about \$200, but sale prices of about \$150 occur fairly often. The ICF-2010 costs about twice as much.

2. **"Stand-alone" sensitivity** (using built-in antenna): The Sony receiver is superior in this regard. Neither receiver comes close to such older models as the GE Superadio, the Realistic 12-655 "TRF", or the Sony ICF-S5W when it comes to AM BCB reception with the built-in antenna. A loop, tuned active whip, tuned longwire system, or a passive booster (e. g. Radio West "Shotgun", Intensitronics "Select-a-Tenna") is mandatory to obtain sufficient sensitivity for real-life DXing with either receiver - but especially for the DX-440.

3. **Sensitivity with external antenna:** This is an important consideration for the reasons given above. The Realistic DX-440 gives far more gain than the Sony '2010 when a tuned external antenna (Radio West, Palomar, or Space Magnet loop, for instance) is used. Note that the concept of an untuned random wire is not addressed: neither receiver can reliably utilize such an antenna without the distinct possibility of in-band and out-of-band spurious signals. The use of an external antenna naturally leads to the next topic ...

4. **Dynamic Range** (Strong Signal Handling): The DX-440 wins in this category as well. Its RF gain pot. is more effective in reducing overload/"spurs" than the RF gain control on the Sony when an external antenna is used.

5. **Frequency Readout Accuracy:** Both sets feature digital readout, of course, but digital readout is not necessarily an ironclad guarantee of accuracy. Some DX-440's are off by about 1 or 2 kHz; all ICF-2010's checked have been within 1 kHz. There may be a "tweak" procedure to correct DX-440 readout error, but I haven't read it yet. Check "your" DX-440 in the store on some local AM stations before you buy it. Use the narrow filter position.

6. **Selectivity:** On unmodified ("stock") receivers, there's not much difference between the Sony's wide filter position and the wide filter on the DX-440. Similarly, there isn't much difference between the narrow filters on the two receivers. The narrow filter is, of

course, that of greatest interest to DXers. Splits of 4 to 5 kHz from an interfering station aren't usually hard to hear if within 20 dB of the interfering station. Obviously, this is all that's needed for casual shortwave-broadcast listening. And it suffices for much domestic and "easy" foreign MW DXing, as well. "Easy" test frequencies here include Senegal-765, St. Kitts-825, and Antigua-1165. Neither receiver does well with 1 or 2 kHz splits unless they are nearly equal to (or better than) the strength of the adjacent undesired station. In early evening, 890 (WHNC/WLS/LA's) often cannot be sliced from stronger Algeria-891; by mid-evening - with 890 and 891 comparable in strength-audio can be heard on both frequencies; and later at night - with WLS considerably stronger - 891 just registers a "het". On a "serious" receiver, audio on both 890 and 891 would have been easily obtained at all three listening times. An ICF-2010 I've used a lot has Gerry Thomas's narrow filter modification installed for improved selectivity. It slices splits better than both the stock ICF-2010 and DX-440. I'd suppose that the DX-440 could be similarly modified; perhaps an article about this would be a good idea.

7. **Tuning Ease:** Both receivers can be tuned by keypad frequency entry. There's little difference in difficulty in that procedure between the two. Both receivers can also be tuned continuously with a knob, simulating the feel of older analog receivers. The Sony ICF-2010 does knob-tuning better: it is less likely to skip over groups of stations/chunks of frequencies when tuned at a moderate rate of speed. You've got to tune the DX-440 knob quite slowly to avoid such "lurching".

8. **Features:** The Sony ICF-2010 has its famous synchronous detector circuit. Use of this can really smooth out rough auroral flutter and cut down the audio garbling typically resulting from the beating ("subaudible heterodyning") caused when there are 3 or more channel occupants of comparable strength. But the sync-detector often reduces the audio-to-background noise ratio, so it's a very application-specific benefit. I would attribute only a fairly small number of (otherwise-unattainable) MW DX loggings to my use of the sync-detector. More often, it raises the entertainment-listening quality of a station already perfectly-readable by DXer standards.

9. **Miscellaneous:** On at least some DX-440's, a whining noise can be present if the LOCK OUT/IN switch is not set to the IN position. Setting the switch to IN locks out the receiver's controls; doing so must shut off

some digital pulse train that gives rise to the whine. This whine varies considerably from one receiver to the next: on some it's barely noticeable, on others it's quite annoying. The effect is noticed mostly on very weak signals near the noise floor. Garbling/inter-modulation of the audio is the result. Of course, switching to LOCK IN during low-signal work can be done, but this slows down operation, because you eventually have to go to LOCK OUT if you want to change frequency. I would not rate this problem disastrous, however. As in the case of frequency-accuracy unit-to-unit variation, testing a receiver in the store prior to purchase is advisable -- provided that the background noise from lighting, computers, etc. is not severe enough to mask the problem.

Overall value: The Realistic DX-440, especially if available for the \$150 sale price, is a better overall value for the DXer whose main interest is medium-wave. The minor drawbacks mentioned previously should be kept in mind. Balanced against these are the several advantages, most notably, better sensitivity with an external antenna and lower price. For either receiver to be up to the tasks of serious MW DX, a high-Q-tuned, good gain, external antenna is required and a tighter "narrow" filter is highly recommended.

"Show time": I've used my Sony ICF-2010 on many trips: it's been to Newfoundland, California, (El Paso) Texas, and on innumerable "quickie" beach DXpeditions in the Boston and Cape Cod areas. I'm thoroughly familiar with its strengths and weaknesses. I felt that a reasonable check-out of the DX-440 would have to include a real-life DX session at the beach similar to what I've done with the '2010 so many times.

On 14 DEC 1991, I took the DX-440 out on one of my "mini-DXpeditions" in place of the usual ICF-2010. Just before sunset, I parked at the waterfront in Scituate, MA in view of the old Hatherly Road WRUL/WNYW/WYFR shortwave transmitter site. (At this now-silent site, only a few tall wooden masts and the old brick transmitter building remain.) My DXpedition antenna set-up this time was the homebrew RTL-1 (varactor-tuned) loop placed on the car roof and controlled by the MWT-2 Option 5 regenerative tuner-preamp-controller. (See my previous articles on these units.) Band conditions were in a continuing state of mediocrity with a lot of short-skip, but the DX-440 did fine in pulling out TA's on 693, 711, 765, 774, 836, 891, 981, 999, 1044, 1053, 1062, 1098, 1107, 1179, 1197, 1349, 1367, and 1566. Many of these had perfectly readable audio. I feel that only in a few cases would

the ICF-2010 have done better - and that's only because of the Gerry Thomas filter modification that was done to it. I don't think that a stock ICF-2010, even with its synchronous detector activated, would have resulted in any more loggings. Nothing short of the upper echelon receivers (such as the R390A, HQ-180A, NRD-525, R71A) would have garnered appreciably more readable DX stations.

Final note: A new Realistic model (DX-390) and a new Sony model (ICF-SW77) have been released in addition to the still-available DX-440 and ICF-2010. It is not known if the newer models will eventually replace the older ones or if they are just intended to be additionally-available units. Reviews of these newer models from a medium-wave DX perspective (complete with comparisons to their predecessors) could be of great value. The best analyses would come from a blend of laboratory testing of key parameters such as third-order intercept and of actual DXing under demanding conditions.

FCC's Hassinger: Broadcasters Responsible For Improving AM

Tougher FCC technical standards for signal changes will apply equally to all AM stations, Mass Media Bureau Asst. Chief/Engineering Bill Hassinger said at an engineers' luncheon last week (11/21) in Washington. But he also said it's the broadcasters' responsibility to clean up the cluttered band.

"The government isn't going to save AM broadcasting. Ultimately, it comes down to the broadcasters themselves," Hassinger told the Association of Federal Communications Consulting Engineers. He also hailed the planned allotment system for the expanded band (1605-1705 kHz) as a demonstration of "what AM can sound like if it's done properly."

Engineers attending the luncheon appeared to be less concerned with procedures for stations to migrate to the expanded band than with the impact new AM technical standards may have on their clients. They asked Hassinger and Commission engineer Larry Olson hypothetical questions about signal changes for stations with grandfathered stations causing nighttime interference to other stations, particularly high-powered major market stations built years before the stations now receiving interference.

Applies To All

Does the tougher interference standard apply to the old giants? "It applies to everybody. It applies to Class I stations; it applies to stations built in 1935," Hassinger stated. But he also noted that waivers can be requested for sta-

tions forced to change transmitter sites through no fault of their own.

In short, the new rules require a station changing facilities to reduce interference by 10% if it's causing major interference to another station. (That's determined through the FCC's complicated 60% exclusion calculation for interference.) Moderate interferers (25%-50%) could make changes as long as they don't increase interference. Other stations would be free to make changes as long as they don't cross the 25% threshold.

The AM freeze, which has been in effect since March 1990, is expected to "unfreeze" in February. The new AM technical rules will take effect 70 days after publication in the *Federal Register*, that's expected next week. Only then will the FCC begin accept applications for new AM stations and major changes to existing ones.

Once the order takes effect, Hassinger said the Commission plans to move quickly on selecting the 300 or so stations which will receive regional, interference-free channels in the expanded band. Stations seeking the 10kw day/1kw night licenses will be chosen on the basis of how much they reduce interference by vacating their old frequencies.

Radio and Records
-via Jerry Starr

For Beginners

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Information and advice of interest to inexperienced DX'ers

Instead of "For Beginners", this column could easily be called "Foreign DX - a Central DX'ers Perspective". It is a list of the best bets for foreign DX reception, in the north-central United States. You may not be able to hear all of these stations, due to local interference or poor conditions. People on or near either coast will pick up trans-Atlantics (TAs) or trans-Pacífics (TPs). You do not have to be right at the coast to pick these up. Some have been heard in Ohio and other midwestern states, them gulf coast, and even land-locked Manitoba! There are reprints in the NRC Product Catalog on TA and TP DX, and also in the packet all of you received when you joined the NRC.

ANGUILLA - The Caribbean Beacon on 1610 is an easy catch all year. A problem might be a strong local on 1600. Also, try for a parallel broadcast on 690 during auroral conditions.

ANTIGUA & BARBUDA - The Caribbean Lighthouse is possible when aurora takes the sting out of 1160 and 1170.

ARGENTINA - Radio Nacional in Buenos Aires is worth a check if you notice good reception of Columbia and/or Venezuela. Don't get your hopes too high up though.

BAHAMAS - Beacon ZLS-526, ZNS-3 on 810, and ZNS1 are occasionally reported. On 810, WGY and KCMO need to be auralized out, along with KXEL-1540.

BELIZE - Radio Belize is common when WCCO is knocked out by aurora. They are in EE; thus easy to identify.

CAYMAN Islands - Radio Cayman on 1555 produces a hetrodyne much of the winter, and audio has been heard in Omaha. Auroral conditions will help, knocking out some interference from 1550 and 1560.

COLOMBIA-CARACOL on 750 and 810, HJAJ-760, along with HJSB-870. Check 770 for RCN and 890 for Radio Galeon.

COSTA RICA-TICAL on 530 in Cartago can be heard because there is so little interference. Listen for ballads and Radio Rumbo during auroral conditions.

CUBA - Take your pick from Radio Reloj on 590, 760, 790, 960, and others. They have Morse code IDs so they are easily identified. Check IDXD for others, including Radio Progreso, Radio Taino, and Radio REBELDE.

ECUADOR-HCR56 on 890 can be heard in the West, with KDXU the main cause of interference.

EL SALVADOR-YSS on 655 is possible, but unlikely. Radio Universal-770 is worth a look for. Aurora is definitely needed.

HAITI-760, 840, and 1030 are best bets. This is a tough one!

HONDURAS-HRVW on 650 can be heard during auroral conditions. This one is a bit tougher than some of the others.

JAMAICA-JBC on 700 is relatively easy in auroral conditions. Check 750 and 720 also.

MEXICO - Very easy, with many stations possible. XEROK on 800 is heard easily all year, and XEG-1050 in Monterrey is heard too. XERF-1570, XEW-900, XEWA-540 and XEI-970 are all heard throughout the year. Check IDXD for other widely-heard stations.

NETHERLANDS ANTILLES-PJB-800 on the Island of Bonaire is common, even in Canada. Try late evening to a little after midnight local time.

NICARAGUA-YNACE on 720 in Managua occasionally makes it here. Again, auroras help to knock out WGN in Chicago. YNA-620 has been heard, along with Radio Sandino-750, also.

ST PIERRE ET MIQUELON-1375 is very tough.

VENEZUELA-Radio Corro on 780 is the best bet. Radio Rumbos-670 has been heard.

Other countries can be heard, but the above are the best bets. Some of them are rare, so do not count on hearing every one. Remember, IDXD always has the most up-to-date information, so check there for current information.

A note on loop antennas In case you overlooked them in the NRC Product Catalog, the NRC Antenna Reference Manuals contain some of the best of the loop antenna articles.

Don't forget to send your questions to Mike Hawk.

Mike and Jack

Need more information about Medium Wave DX'ing?

Mail \$1.00 to NRC Publications - P. O. Box 164 -

Mannsville, NY 13661-0164, and ask for the Reprints Catalog.

In the Beginning

John D. Bowker

The complete list of U. S. broadcast stations on the indicated frequency as published by the Federal Radio Commission in 1934. "S" = shared; "SH" = Specified hours; "T" = Transmitter location; "D" = Daytime operation only; "U" = Unlimited time.

Frequency (kc)	Call letters	Main studio and transmitter location	Power	Time designation
1290, regional.	WNBZ	Saranac Lake, N.Y.	50 w.	D.
	WNEL WJAS	San Juan, P.R.	500 w.	U (C.P. only).
		Pittsburgh, Pa. T-North Fayette Township.	{ 1 kw. 2½ kw LS.	
	KLCN KTSA	Blytheville, Ark.	50 w.	D.
		San Antonio, Tex.	1 kw.	U.
	WEBC	Superior, Wis.	{ 1 kw. 2½ kw LS.	U.
	KDYL	Salt Lake City, Utah	1 kw.	

Mike Brooker has provided a list of Canadian stations before and after the great frequency shuffle of 1941. He mentions that

CKCL -580 evolved into KCEY-590; CBY became CJBK and broadcast in English until the early '60's.

CANADIAN BROADCASTING STATIONS

Authorized Frequencies and Powers Prior to and After March 29, 1941

	Prior to March 29, 1941		After March 29, 1941			Prior to March 29, 1941		After March 29, 1941			
	Frequency	Power	Frequency	Power		Frequency	Power	Frequency	Power		
CHNS	Halifax	930	1,000	960	1,000	CFOS	Owen Sound	1,370	100	1,400	100
CJCB	Sydney	1,240	1,000	1,270	1,000	CKLW	Windsor	1,030	5,000	800	5,000
CJLS	Yamouth	1,310	100	1,340	100	CKNX	Wingham	1,200	100	1,230	100
CFCY	Charlottetown	630	1,000	630	1,000	CKCR	Kitchener	1,510	100	1,490	100
CHGS	Summerside	1,450	50	1,480	50	CKMC	Cobalt	1,210	50	1,240	50
CHSJ	Saint John	1,120	1,000	1,150	1,000	CFCH	North Bay	930	100	1,230	100
CBSA	Saultville	1,050	50,000	1,070	50,000	CJKL	Kirkland Lake	560	1,000	580	1,000
CKNB	Campbellton	1,210	100	1,240	100	CKSO	Sudbury	780	1,000	790	1,000
CFNB	Fredericton	550	1,000	550	1,000	CKGB	Timmins	1,440	1,000	1,470	1,000
CKCW	Moncton	1,370	100	1,400	100	CJJC	Sault Ste. Marie	1,500	100	1,490	100
CHNC	New Carlisle	610	1,000	610	1,000	CKPR	Fort William	580	1,000	580	1,000
CJBR	Rimouski	1,030	1,000	900	1,000	CKCA	Kenora	1,420	250D 100N	1,450 250D 100N	
CBJ	Chicoutimi	1,120	100	1,240	100	CJRC	Winnipeg	630	1,000	630	1,000
CHGB	Ste. Anne de la Pocatiere	1,200	100	1,230	100	CBK	Wotrous	540	50,000	540	50,000
CHRC	Quebec	580	100	1,400	100	CKY	Winnipeg	910	15,000	990	15,000
CKCV	Quebec	1,310	100	1,340	100	CJGX	Yorkton	1,430	1,000	1,460	1,000
CBV	Quebec	950	1,000	980	1,000	CKX	Brandon	1,120	1,000	1,150	1,000
CKVD	Val d'Or	1,200	100	1,230	100	CFAR	Flin Flin	1,370	100	1,400	100
CHLN	Three Rivers	1,420	100	1,450	100	CKCK	Regina	1,010	1,000	620	1,000
CHLT	Shawabrook	1,210	100	1,240	100	CJRM	Regina	950	1,000	980	1,000
CFCF	Montreal	600	500	600	500	CHAB	Moose Jaw	1,200	250D 100N	1,220 250D 100N	
CHLP	Montreal	1,120	100	1,490	100	CFQC	Saskatoon	600	1,000	600	1,000
CKAC	Montreal	730	5,000	730	5,000	CKBI	Prince Albert	1,210	250	900	1,000
CBM	Montreal	960	5,000	940	5,000	CFGP	Grande Prairie	1,310	100	1,340	250
CBF	Montreal	910	50,000	690	50,000	CJCA	Edmonton	730	1,000	930	1,000
CKRN	Rouyn	1,370	250	1,400	250	CFRN	Edmonton	960	100	1,260	1,000
CKCH	Hull	1,210	100	1,240	100	CKUA	Edmonton	580	500	580	500
CKCO	Ottawa	1,010	100	1,340	100	CFCN	Calgary	1,030	10,000	1,010	10,000
C6O	Ottawa	880	1,000	910	1,000	CJCY	Calgary	690	100	1,230	100
CFRC	Kingston	1,510	100	1,490	100	CFAC	Calgary	930	1,000	960	1,000
CFLC	Prescott	930	100	1,450	100						

CSL	Toronto	840	50,000	740	50,000	CJOC	Lehrbridge	1,370	100	1,400	100
CBY	Toronto	1,420	100	1,010	1,000	CKLN	Nelson	1,420	100	1,450	100
CFRB	Toronto	690	10,000	860	10,000	CFJC	Kamloops	880	1,000	910	1,000
CKCL	Toronto	580	1,000	580	1,000	CKOV	Kelowna	630	1,000	630	1,000
CKOC	Hamilton	1,120	1,000D 500N	1,150 500N	1,000D 500N	CJAT	Trail	910	1,000	610	1,000
CHML	Hamilton	1,010	100	900	1,000	CKWX	Vancouver	950	1,000	980	1,000
CKTB	Sr. Catharines	1,200	100	1,230	100	CKMO	Vancouver	1,410	100	1,410	100
CFCO	Chatham	630	100	630	100	CJOR	Vancouver	600	1,000	600	1,000
CFPL	London	730	100	1,570	1,000	CSR	Vancouver	1,100	5,000	1,130	5,000
CJCS	Stratford	1,210	50	1,240	50	CFCT	Victoria	1,450	500	1,480	500
CKPC	Bramford	930	100	1,380	100	CHWK	Chilliwack	780	100	1,340	100
						CFPR	Prince Rupert	580	50	1,240	50

Metropolitan Opera Radio Network as of 10/11/91 (via "Opera News" 12/7/91)

The Metropolitan Opera broadcasts for the 1991-1992 season run from 11/30/91 through 4/18/92. Most of the broadcasts begin at 1:30 PM EDT, but a few begin earlier. Most of the stations on the network are FM; here are the AM. There may be some Canadian Broadcasting Corporation (CBC) AM stations that carry the opera broadcasts.

550 KCRS-TX	920 WBAA-IN	1240 WSYY-ME	1340 WRHI-SC	1450 KBBS-WY
570 WGMG-DC	930 KAPR-AZ	1270 WCBC-MD	1370 KXTL-MT	1470 KYUU-KS
WACL-GA	KIUP-CO	WCGC-NC	WKMC-PA	1490 WKVT-VT
660 KGGY-CA	WRRF-NC	1310 KGMT-NE	1400 WNEK-GA	1510 KANS-KS
690 KGGY-KS	940 WIPR-PR**	1320 KAWC-AZ	1420 WRGC-GA	1520 WTLN-FL
KUSD-SD	1150 KIXC-TX	KWHN-AR	WDBF-FL	1550 KKHI-CA
790 WLKW-RI	KWKY-IA	1340 KSKI-ID	KULY-KS	KAKS-TX
KXKK-KS	1230 WSBF-FL	WBRK-MA	1430 KMRC-LA	1560 WQXR-NY
860 WAMI-AL	WSSO-MS	WKOZ-MS	1450 KBPS-OR	WRIN-IN
900 KBIF-CA	WCNC-NJ	WOKZ-SC	WHDL-NY	1590 KEAS-TX

** WIPR in Puerto Rico delays the broadcasts until Sunday.

Feliciano plays DJ on radio

WESTPORT (AP)—It was just another day spinning oldies at WMMM radio last August when station co-owner Mark Graham got a call from someone who identified himself as Jose Feliciano.

"I said, 'Anybody can claim to be Jose Feliciano. Let's hear you sing a few bars of 'Feliz Navidad.'" He started singing, and I said, 'OK, OK, I believe you,'" Graham said. Feliciano's impromptu rendition of "Feliz Navidad," the best-known Spanish Christmas song, landed him a job as a disc jockey at the station.

Feliciano spends every Saturday morning chatting with callers, offering insider tidbits about Elvis, the Beatles, Bob Dylan and other favorite musicians. He even jokes about his blindness.

"When I go to a restaurant and the waitress says to me, 'Mr. Feliciano, would you like to see a menu?' and I tell her, 'Lady, I'd like to see anything.'"

Interspersed with the jokes and stories are a few songs — some old, some new, some in Spanish, some in English. The show, "Speaking of Music," with co-host Russ Garrett, debuted Aug. 31.

Using only an acoustic guitar and two microphones, Feliciano sits in a corner of the cramped studio. On a recent Saturday morning, he sang Elton John's "Daniel" and Frank Sinatra's "All the Way."

"I'm having a great time. I love it all — the singing, the talking, the



Jose Feliciano talks, plays and sings music on his Saturday morning radio show on WMMM in Westport.

performing," he says. "I think I have what you would call the gift of gab, so it's fun for me."

Although the role of disc jockey is new to him, Feliciano describes himself as a "radio junkie" and says he always wanted to give radio a try.

"I'm not the type of disc jockey who's going to give you the weather, but I can talk about certain things other people might not know about," he says.

Take, for example, this little-known tidbit about Diana Ross: She had to sing her first lead with the Supremes in a bathroom be-

cause Motown Records did not have an echo chamber.

Or about how Feliciano wrote and performed the theme song to the popular '70s TV series "Chico and the Man," and once had a guest appearance on the show.

With his long, shaggy hair, gray jeans and jean jacket, Feliciano, 46, looks much the same as he did in 1968, when his version of The Doors' hit "Light My Fire," made him a star.

Feliciano lives in nearby Weston, about five minutes from the station, in a converted 18th-century tavern with his wife Susan,

daughter Melissa, 3, and son, Jonathan, 6 months. He moved here from California about 18 months ago at his wife's urging, he said.

He still spends a lot of time on the road doing shows, but no longer does long concert tours.

Even though his last big American hit — "Hi Heel Sneakers" — was 23 years ago, he still has a loyal following in Latin America and among Hispanics in the United States. He won his sixth Grammy Award this year when a song from his album "Nina" was named best Latin-pop performance.

Radio Roundup

News of radio personalities, of interest to DX'ers

Greetings all ... Did you ever wonder what happened to Jose Feliciano? Well he is doing a Saturday morning DJ gig on Westport, Connecticut's WMMM. He is a six time Grammy Award recipient and is still popular among Latin-pop listeners ... WOR's John R. and John A. Gambling have both been inducted into Long Island's Hall of Fame ... Texaco will again be sponsoring the Metropolitan Opera Network. The networks links over 300 stations. This is the 51st year that Texaco has sponsored this series, making it the longest running sponsorship in commercial broadcast history. The series is also aired on the CBC French and English Networks ... New York TV's resident gadabout Chauncey Howell, formerly of channels 4 and 7, has surfaced on radio, doing a weekday show from 1-2 p.m. on WVOX-1460 ... Rumors continue to fly that The Greaseman, from Washington, DC may be heard in the Big Apple soon on WNEW-FM. The problem, WNEW says the show must originate from NYC, negotiations continue. The Greaseman routinely beats out Howard Stern in the ratings. The New York morning battle has taken a twist, as WFAN's (660) Don Imus and Howard Stern are now working for the same company. The guys really dislike each other personally and professionally, never missing an opportunity to jab each other on the air ... WOR has formed a syndication arm, offering their radio personalities to a national audience. The first show on the block is Ken and Darla Dolan's "Smart Money". It is currently airing on California's KGIL ... WPAT is enjoying its 50th Anniversary on the air. The station began broadcasting as a Country & Western station on March 29, 1941 ... Financial/Real Estate advisor Sonny Block is moving his show from WABC-770 over to WOR-710 ... International DXers should note that a publication called "Radio Stations in the UK" is available for 5 IRCs from: The British DX Club, 54 Birchall Road, Catford, London SE6 1TE. This publication also lists FM and LW stations ... Paul Harvey, who at age 73, is still at the top of the heap, being heard on 1,359 stations has signed a long term contract with

Pete Kemp (KZ1Z)

P. O. Box 73
Bethel, CT 06801--2203

ABC carrying him into the year 2000. Reports indicate a 7 million dollar paycheck annually for his services ... National Public Radio has launched a new call-in show called "Talk of the Nation, with on-air co-hosts Ira Flatow and John Hockenberry. The show will air 2-4 p.m. on WNYC-820 ... According to F.C.C. Records 149 AM and 28 FM stations went off the air ... Deborah Norville says that she really is enjoying her ABC Talkradio show, heard from 1-4 a.m. on the east coast. She does the show from her NYC apartment, so listeners are not surprised when they sometimes hear 9 month old son Niki making noises in the background ... On a sad note, KCMO's resident psychologist Marshall Saper committed suicide a day before he was to have gone on trial for allegedly having an improper relationship with a patient ... Interesting to note that Mobile Radio Technology's editor Don Bishop has been arrested for operating a mobile Pirate Radio Station. What makes this sad situation a bit ironic, is that he had helped the F.C.C. nab other illegal operators in the past ... The F.C.C. looks to be further de-regulating. Radio World reports that they have looking to implement a station option of allowing computer technology to monitor routine station activities, in lieu of an engineer or designee. Remote control of EBS functions is also discussed ... The F.C.C. says it has no idea of re-instituting the old simulcast regulations, but will review this concept down the road, in about three years ... KSRR-AM in Orem, Utah has an interesting history. Its studios were formerly the recording studio complex built by the Osmonds ... Sportscaster Stan Savran will not have his contract renewed after 11 years with WTAE ... WKDM-1300, in New York City, an affiliate of CBS's Hispanic Radio Network, recently sponsored an 11-hour live Latin Rock Party, called Adelanto Navidad ... Trivia nuts take note, the F.C.C.'s original allocation for commercial FM was 96 to 106 Mhz, its is now 88 to 108 Mhz. ... So much for now.

Not sure about renewing?

Consider these benefits of a membership in the National Radio Club: 720+ pages per year of easy-to-read, comprehensive DX and radio information ... reduced prices for publications ... responsive editors ... and the friendliest bunch of DX'ers in the world! Why not send that renewal check to Ron today!

Musings

of the Members

Dave Schmidt

P. O. Box 11502

Wilmington, DE 19850-1502

Times are local per MUSE; submit double-spaced only.

Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

ROBERT ROSS (VE3JFC) - BOX 1003, STN. B - LONDON, ON N6A 5K1

Greetings from Canada! After a 15 year absence, I have rejoined NRC! I was a member back in the 70's when I first got interested in AM-BCB DX. A recent purchase of a Collins 651S-1 digital readout, solid state receiver circa 1972, has rekindled my interest in BCB DX. I have been quite active in FH/TV/SW/HAM DX over the last 15 years and I am a member of most major radio clubs, including the ON DX Association where I am London area rep. My BCB totals are 800 heard, 470 verified, 41 states & DC heard & verified, 8 provinces heard & verified, 27 countries heard, 18 verified and 6 pirates heard, 3 verified. Although I find the AM BCB quite different since I last seriously DX'ed it, I am having a riot tuning it on the Collins receiver. It is great in terms of selectivity, sensitivity & the audio is exceptional! It is by far the best AM rig I have ever owned. Past receivers were DX160, RCA AR88, RCA AR77, National HRN 60, various amateur general coverage transceivers and a Sony 2010. I am currently trying to find any reviews that may have been written on the Collins 651S-1 digital receiver. Any member having and reviews, critiques, opinions or general info on the receiver, please contact me. I will gladly reimburse those sending info for photo copying/postage expenses. Are there any members out there who have owned a Collins 651S-1 receiver? If so, I would be very interested in hearing from you. I have been checking into the NRC net on 80 meters lately so I would be happy to chat with any hams in the club. Recently, I sent a batch of loggings to the DX column editors and I hope to be a regular contributor to the various columns in DX NEWS! 73 (And so do we, thanks for your fine report, Robert, and welcome back 'to the fold'!-DWS)

ARTHUR L. ROBB - 2108 N BROADWAY - PITTSBURG, KS 66762-2837

This MUSING is prompted by a remark on Pg. 7 of DX NEWS on 12/23. JIM RENFREW of Rochester, NY re KTOP-1490 in Topeka, KS, asked do we have any members in Topeka? Topeka was my place of birth and hometown until 56. My DXing began there in 1925 and for practical purposes ended in 1942 due to WW II and the demise of RADEX magazine. I discovered verifications in 1928. CKCL-Toronto was asking listeners for cards and letters so I sent them a report and received back an attractive card attesting that I was a member of their 'Worms Club' and the added sentence 'this verifies your reception'. 12 years later I was able to complete verification of the then 48 states w/WPRO in RI and the Canadian provinces w/CFCY in PEI. All postcard veries bear 1¢ postage; letter envelopes 2¢ at first then later 3¢, IRC's were a dime. Back then as now there were stations that utterly refused to answer verie requests. Now to KTOP. 42 years ago, I was employed by the US Gov't. in Topeka and periodically made personal delivery of PSA's to the 4 local radio stations; WREN, WIBW, KJAY & KTOP. I was calling on Jack Ostrode, PD & chief announcer at KTOP when I noticed a gold plated typewriter in his office. It really caught my fancy so I asked and he gladly told me how and where he bought it and a short time later, I became the proud owner (on 2/6/50) of a Royal Portable, Gold Plating, Quiet DeLuxe Typewriter at a cost of \$157.08. That is the same machine this MUSING is being typed, all because I happened to visit the office & studio of KTOP a long time ago. I hate to admit it, though, but I do remember a time when there were not only no DXers in Topeka, there was not even a radio station there!

GERRY THOMAS - 3635 CHASTAIN WAY - PENSACOLA, FL 32504

I'm sitting here reading the loggings of the NFD DXpedition of CONNELLY/KAZA-ROSS/BURNELL and am shell shocked! This is some truly fantastic DX! I wonder what would have been heard under non-auroral conditions. Anyway, congrats & thanks to Mark, Neil & Jean for sharing the experience. On other matters, I abandoned the idea of getting a Drake R8, at least until the dust of controversy settles a little. In the mean time, I picked up a used HQ180A and spent a week or so getting it back into shape and, overall, am impressed. Sensitivity & selectivity are better than I expected, strong signal handling is somewhat less than I had hoped (it shows some overloading tendencies with an untuned 250 foot LW, works great with a loop & preselector). The warm glow and full sounding audio of this tube set provide a nice contrast to the cool blue/green character and flat sounding audio of my solid state rigs & I find myself preferring the HQ180A for general SWling and domestic BCB DX (SW UTE DX & foreign BCB DXing still belong to the digital readout, solid state rigs). After having used many of the better RXs over the years, including the R390A, HQ180A, SPR4, R70/71A, etc., as well as a pile of "good to average" RXs (FRG7, R1000, ICF2010, etc.), I'm more convinced than ever that once adequate IF selectivity in a RX is attained (to reduce adjacent channel splash), more BCB DX is heard by investing in the antenna/tuner end of the system than upgrading the RX.

That is, once adjacent channel QRM is made manageable, the principal hurdle to BCB DX is co-channel QRM. A loop or phasing unit pays much greater dividends in overcoming this problem than do the convenience features (keypad entry, memories, etc.) of modern, high priced rigs. High dynamic range and a controllable AGC circuit are desirable but it can be made less important by using interference-reducing antenna like loops and phasers. Don't get me wrong, I'm just as enraptured as anyone by the bells, whistles & specs of the modern rigs and I, too, need new toys from time to time, but in terms of return for the dollar, it's been my experience that antennas and associated gadgets provide a better return. On a related topic, Chuck Harder of the 'For The People' network is coming out with a "Made in the USA" table-top SW radio for about \$100. I'm looking forward to trying it out! And, finally, to CHUCK in Montreal, yes, ex-WRKB-1090 is now simulcasting WKGT-105.1 and IDING as WJBW (nice catch, by the way). 73's

TONY FITZHERBERT - 356 JACKMAN AVENUE - FAIRFIELD, CT 06432

Time to stop in with a MUSE, as no PTA events, or outside seminars, I have had time to relax at the dials. Seems to be a good season, with lots of surprises rolling in such as WSUN-620, WCHB-1200, WCHY-1290, CJKL-560, WJOT-1600 & for a few minutes like a local, WVSJ-1360 at 5:20PM on 12/15. Detailed receptions are en route to the appropriate column editors. No reception report to WVSJ this time, as CE DAVE SCHMIDT sent one of the finest veries I have ever seen last year for about a 2 minute reception. Veries have dribbled in from WNSS-1200, and a v/l from WR1E-1260, which is temporarily operating ND at the time at 65% strength. I would imagine that some more veries will arrive after the Christmas season, the tendency is to take vacation time or life easy at work at Christmas. After the handwritten reports (and as some of you know, my writing leaves a bit to be desired!), I hope that the individual word processed letters will prompt more of a response. My lifetime receptions, modest in relation to many of you are 1035 heard in 2 locations (suburban Philly & Fairfield), 935 verie attempts & 737 veries received. Both areas have lots of locals, so DXing is not as easy here as it might be in, say, Homer, ALASKA, Mason, MICHIGAN or Fort Kent, MAINE. A very happy new year to all!

JIM WALLACE - 63280 SAND HILL ROAD - BELLAIRE, OH 43906

I am getting ready to close out my E OH log after more than 11 years of DXing here. I have just been promoted to ND of WV Public Radio, so I will soon move to Charleston. Although I regret leaving the Wheeling area, I am excited about taking charge of a statewide, 8 station network news operation that is expanding while so many stations are cutting back on news. By the way, to correct an error transcribed in my last MUSING, I have been the WVAPR reporter based at WHEELING Jesuit College, not WV Jesuit College. (Sorry, Jim, I was 'one of those nights', you know-hi!-DWS). I will close out my Belmont County log w/more than 1150 stations & 350+ verifications. I was pleased to receive verifications in the past 2 months from both the Dover, DE stations, both the results of DX TESTS. Thanks, Dave, for the WKEN verie! I have now verified stations from every county in DE, all 3 of them. I have verified 7 of DE's AM stations, all but 2 by way of DX TESTS. Unfortunately, I had logged WAMS-1380 but never verified it before it went silent. Dave, how many AM stations does DE have now? (9-DWS) Maybe w/a few more DX TESTS, I could log all of them. But I'll have plenty of other stations to log in my new home in WV. I hope all of you log plenty, too, in 92! (And best of luck with your new news position, Jim!-DWS)

MIKE HARDESTER - 3118 GAITWAY COURT - JACKSONVILLE, NC 28546-6973

A very friendly letter was received from Lincoln W. Hubbard, CE confirming my reception of the WARV-1590 DX TEST on 12/23. I sent a taped & written report, noting, among other things, an instrumental version of "Hark The Herald Angels Sing." Just so happens, that was part of the test and he had that in his log.

Also, a WARV Program Guide was received. State #46 verified! In looking through different DX bulletins, I note an "Experimental Beacon" is being heard on 1639 khz w/the code ID of 'R-D'. Per Hank Holbrook, this station is operating in Berlin, MD, and using 1 WATT. Not only has it been heard here, I noted a report (DEC issue of LWCA "Lowdown") of the station being logged in CA! Although the station is not a licensed BCB station, it does make for some interesting DX! Give it a shot, the station operates weekends & occasionally weekdays. MANY THANKS to the editors who keep our club going, how about we support them in 92 with more MUSINGS & column reports! Verie 73 & best of DX!

DAVE SCHMIDT - P O BOX 11502 - WILMINGTON, DE 19850

We got a couple of reports for our 25 year member MUSINGS issue, I was sort of hoping for a few more. I think that just about all of the existing stand-alone AM's that are in this immediate area have cut back operations to where they are going off at 7 PM, such is the case with WAMD-970, & WVSJ-1360, with WCN-1590 going off at 9 PM most nights. It's rough out there right now! More work in VA this past week brought some interesting listening to WMAK-980 'Live Radio' say they, w/oldies, some CW. Not much time to get to the dials again this week but a couple of items went to BILL (My fingers ache!) HALE. CUN7 & 73's!