



# DX NEWS

the magazine of the  
National Radio Club

SINCE 1933

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## DX Tests ...

**January 16, Monday - 3-3:30 am EST: WKAC-1080, with code ID's . V/s: Kirk Harvey, PD**  
- P. O. Box 1083 - Athens, AL 35611. (Wayne Heinen, NRC)

**January 23, Monday - 2:29 a - 2:58 am EST: WVNA-1590, including Morse ID's. V/s: James Alan**  
- Box 477 - Tusculmbia, AL 35674. (Wayne Heinen, NRC)

## Inside ...

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## From the editor ...

**Station News ...** I forgot to mention last week that Todd Brandenburg and I have been monitoring KTNB-660 AZ since the day after Christmas, equal in strength at times to WSM and way o/ WFAN. Apparently they have been ND at nights since that time. Might be your best chance to hear an AZ, especially if WFAN takes an SP. Also, Bill Hardy sent a postcard to note that John Wilkins heard KSHY-1370 in December, NOT on 1530 yet, contrary to a report in the #13 DDXD-W.

**They joined ...** Barry Shinall, Cedar Bluff, VA; Fred Reuss, Blaine, MN; and Steven Neumann, WA2FSO, Rocky Point, NY. Welcome to you all!

**Greetings ...** One of the more unusual holiday cards the NRC received at Box 5711 was from Radio Sofia ... a "Happy New Year" card! They also included a winter program schedule for the English SW section, and if you'd like a copy, just send an SASE plus a 5¢ stamp to cover costs.

**Airchecks ...** for an SASE, an eight-page aircheck cassette catalog is yours from #1 Market Airchecks - Box 568, Dept. NRC - E. Hanover, NJ 07936. I will probably start trading airchecks again also when I get settled in, but write first with your needs and desires if you're interested.

**Memories ...** It didn't take too much of an arm twist to get Ben Dangerfield to write a nifty description of DX in times past (see p. 16). And if YOU would like to join Ben in the ranks of veteran DX'ers who want to see DX history preserved, feel free to write up your reminiscences, either as a separate article or a Muse. And thanks also to

Wally Wawro for coming up with a 1959 article which shows how broadcasting equipment looked 30 years ago. A longer article on KX2MO, built as an experiment for a Nevada bomb test, is forthcoming.

**Moving is ...** I don't think I lost anything during the great move a few weeks ago, but if you're awaiting replacement copies of DXN or other back issues ... well, I know roughly where they are in the attic, and you'll get them ... soon. I promise!

## DX Time Machine

### From the pages of DX News

**Forty years ago ...** from the January 8, 1949 issue, courtesy of "The Old Timer": Frank Wheeler reported a verie from XET in 10 days ... WGCD-1490 Chester, SC reported more than 50 reception reports on their recent test, per Len Kruse ... Stan Moss heard KOTA on a DX test, with very bad QRM from BBC-1384, and received a verie from BFN, Harfort, Germany ... Grant Batson reported 13 veries and commented that veries were slow ... Al Bartholomew, Corning, NY reported hearing KULA for a new Hawaiian ... Lefty Cooper reported a total of 1,678 veries, but D. Thomas topped the Heard/Verified listing with 2,700.

**Twenty-five years ago ...** from the January 11, 1964 issue: G. Harley DeLeurere, Hobart, IN listed 37 veries waiting for him when he returned home for the holidays ... Ronald J. Musco, Windsor, CT got a job at Hamilton Standard-Electronics Division, which cut into his Monday-morning DX'ing, but he heard WROK-1440 on 11-29 at 1:30 am ... Randall J. Seaver heard the WCWC-1600 s/o at 6 am 12-14 ... Ben Dangerfield, Chester, PA, received veries from XEMO-860, HOL-55-1310, ZMNS2-1240, and R. Barbados-795 ... Jack Keene, Houston, TX heard CX28 Montevideo, Uruguay, 0400 12-30 ... and the #5 Vane Jones was now available at \$1.95.

**Ten years ago ...** from the January 15, 1979 issue: The WOBCRATS were planning a GTG at Bruce and Evelyn Portzer's place ... A WCCO spokesman was worried about "garbage" interfering with the station's signal upon breakup of the clears ... John Hoogerheide, Brandenburg, KY, reported veries from WBFC, KKDA, KDDD, WTJH, WJYM, WLAQ, KADE, KGMQ, and WNAD.

**THE WORLD'S OLDEST AND LARGEST ALL MEDIUM-WAVE DX CLUB**

# AM SWITCH

Jerry Starr

c/o WHOT Radio, 4040 Simon Road, Youngstown, OH 44512

### CALL LETTER CHANGES

Old call:	New call:	
750 KAIG LA	Gretna	KKNO
800 KZAN UT	Bingham City	KNKK*
880 KRNO TX	Conroe	KIKR*
900 WDTV PA	Philadelphia	WFLN
1240 WTPV WV	Charleston	WVSR
1340 KOTY WA	Kennewick	KTCR
1350 KIDN CO	Pueblo	KRYT
1390 WAJD FL	Gainesville	WZRZ
1450 KXXL MT	Bozeman	KXUB*
	KSLI UT	St. George
		KSGI

\*Notes on calls: KZAN-800 calls were set aside and never used, station remains KNKK. KIKR-880 requested KKNO but we're not sure if this call was ever used, the time the FCC allows for changing calls has long passed and a 12-88 reception shows them still using KIKR, nothing official from FCC on this. KXXL-1450 has been silent, new calls may signal a pending return to the air.

### APPLICATIONS FOR NEW STATIONS

None

### GRANTS FOR NEW STATIONS

750 NV Carson City: 10000/10000 U4  
 1200 NV Virginia City: 10000/1000 U4

### APPLICATIONS FROM EXISTING FACILITIES

850 WREF CT Ridgefield Center: power to 5000, city of license to Ridgefield  
 1010 KZRC OR Milwaukie: day power to 8000, add 500 watts nights, U4  
 1050 WQWM WI Kaukauna: add 900 watts nights  
 1330 KLBS CA Los Banos: install synchronous XR in San Jose with 20 watts D3  
 1590 WAUB NY Auburn: day power to 700 watts

### GRANTS TO EXISTING FACILITIES

1050 KNOB CA Frazier Park: relocate XR  
 1120 WLJH MS Petal: city of license to Denham Springs, LA, relocate XR  
 1190 KEX OR Portland: antenna to U2  
 1570 WOBS IN New Albany: power to 1570 watts (not a typo) relocate XR  
 1600 WPOM FL Riviera Beach: powers to 5000/4600 watts, relocate XR (to just north of the Palm Beach County Sewage Plant...honestly!)

### OTHERNESS

650 KORL HI Honolulu: silent station BACK ON THE AIR relaying KLIIH  
 760 CKQR BC Castlegar: CP for 20000 watts is on the air  
 890 WFKJ PA Cashtown: new station is ON THE AIR with REL (10 miles east of Gettysburg on route 30 for all you mapheads)  
 920 WAZQ SC Orangeburg: station is SILENT  
 1010 KPSL CA Thousand Palms: new station is ON THE AIR with CLA format  
 1120 WWOU FL Destin: new station is ON THE AIR with Oldies  
 1160 WELX FL Callahan: new station is ON THE AIR  
 1180 WHJM TN Knoxville: new station is ON THE AIR with satellite Oldies  
 1310 WFAH OH Alliance: FCC has granted reconsideration for their previously denied application to add 500 watts nights, still an APP only  
 1510 WPSC SC Pageland: license for this silent station has been sold for grand total of \$10 and a \$4000 loan assumption, may be returning to the air  
 1530 KSHY WY Fox Farm: station is here with 10000/1000 U4 ex-1370 kHz  
 1550 WLTX CT Bloomfield: silent station is back ON THE AIR with REL  
 1580 KTSS IA Davenport: silent station is back ON THE AIR relaying KFMA

THANKS to NRCers Charles Reh, Dave Schmidt, Jeff Tynan and Jason Hustedt for their contributions this issue.

73 and Good DX, *Jerry & BKF* Jerry Starr & Buffalo K. Foonman

William Hale

2160 Farm To Market Road, Johnson City, NY 13790

### NEUTON WAVE RABBITINGS

■ Indications are that the NRC-arranged test from WASG was well heard. Whether you heard WASG and/or the others or not, let's thank Wayne Heinen and Jeff Tynan of the NRC, as well as those responsible for putting on the tests.  
 ■ Some of the loggings appearing this issue may seem 'old', and should have appeared last issue. But last week's deadline had to be moved up to 12/21 due to Holiday travel. Once we get out of the effect of the Holidays, things should be back to normal. Normal? All loggings received through 12/31 are included here.

### SPECIAL

540 WSTH GA COLUMBUS - 12/18 1454 fair mono & @ signals with slight WDUW splash with C&W mx, local ads, frequent South 106 IDs; simulcasts WSTH-FM 108.1, Alexander City, AL; ex:WDAK; address is P.O. Box 72, Alexander City, AL 35010 (EB-GA)  
 550 WDUW GA GAINESVILLE - 12/19 0225 noted with Best of King; sked now is NSP as they carry LK (EB-GA)  
 680 WRKO MA BOSTON - 12/6 0024 noted off the air this AM; rare to have them off (WW-MA)  
 880 WRFD OH COLUMBUS - 12/30 1800 full sign-off with ment of 500 watt PSA, CH 5000 watts, and 9000 watts daytime power; so CP is on-the-air (WRH-PA)  
 1080 WDJX KY LOUISVILLE - 12/10 with CHRNDJX-FM 99.7; no ID heard (DS-KY)  
 1230 WCLO WI JANESVILLE - now runs Sun Talk network from 2000-0200; then sign-off (WRH-WI)

### UNIDs AND UNIDs ID

700 UNID ?? - 12/8 2114 station in EE under WLW; Jamaica?; hrd later in-week from Wilmington, NC (DS-NC)  
 930 CHID CU CIEGO DE AVILA - this is unID of Rick Dau (Issue 11) (EB-GA)  
 980 CHMD CU GUANTANAMO - this is unID of Rick Dau (Issue 11); CHID & CHMD are on R. Relej net#CHMD-780 (EB-GA)  
 1180 UNID ?? - 12/18 0039 unknown stn using ITs; no IDs noted (WW-MA)  
 1480 UNID ?? - 12/19 0359-0408 with Talknet, then time beeps (1/sec)+0408; OC 0408-08, then back to Talknet (JH-SC)

### DX/EQUIPMENT TESTS

550 WASG AL ATHORE - 12/19 0230-0330 totally dominating frequency with NRC-arranged test; voice, code & ITs; thanks, Wayne & Jeff (RJT-NC)  
 WASX AL ATHORE - 12/19 0232 heard with CIDs; good over cuban; ex:WASG (WPT-DC1) (CLs still WASG, as was heard by others-WRH)  
 WASG AL ATHORE - 12/19 0230 fair mono & @ signals with This is WASG, Athore, Ala ID; then faded under WDUW (EB-GA)  
 WASG AL ATHORE - 12/19 0327-30 ITs, then WASG, Athore, Ala, testing on 550 kHz, & then phone number (JH-SC)  
 WASG AL ATHORE - 12/19 0145 weak with IT & C&W IDs thru WIND stop (RK-IL) (This wasn't supposed to start 'til 0230 EST-WRH)  
 WASG AL ATHORE - 12/19 not heard (KDF-IL)  
 580 WKHX GA ATLANTA - 12/19 0058 noted on TT/OC, as was their FMer in Marietta (EB-GA)  
 870 WTBF AL TROY - 12/12 not heard, too much WWSW (WPT-DC)  
 WTBF AL TROY - 12/12 not heard (KDF-IL)  
 1010 WPKY AL DORA - not heard, too much WINS/CFRB (WPT-DC)  
 WPKY AL DORA - not heard (KDF-IL)  
 1280 WEZE MA BOSTON - 12/6 0049 noted with high & low tones; ID noted; This is WEZE Boston, testing (WW-MA)

### TIS & OTHER

530 ??? NY ELMIRA - 12/22 hrd whilst passing thru city with parking tips and general tourist notes; CJFT in background (WRH-NY)

MIIDNIGHT TO MIDDAY

580 WELO MS TUPELO - 12/13 0652 good with wx & 58 WELO, your nx, information & sps stn in Tupelo+C&W mx (JH-SC)

590 WKLL IL WOOD RIVER - 12/19 0101 fair with CMCA with Live From the Sixties OLD show, ads for Remington & The Wall Street Journal; The All-New Kool 590 AM is WKLL Wood River-St Louis ID; St Louis #8 (EB-GA)

WKLL IL WOOD RIVER - 12/28 0720 fair with Christmas mx & ID (RK-IL)

750 KJEL MO LEBANON - 12/28 0731 weak with sign-on (RK-IL)

770 WVNN AL ATHENS - 12/28 0720 good with sps & ID (RK-IL)

850 WILF NY CANADAIUGA - 12/22 0753 with The new WILF, ads (WRH-NY)

930 WYNI AL MONROEVILLE - 12/7 0659 poor in WAUR null with SSB, rooster crow, sign-on (KDF-IL)

WAUR IL SANDWICH - 12/1 0857 noted with market report from WSDR-1240; still giving Chicago Lakefront temps (KDF-IL)

WKCT KY BOWLING GREEN - 12/13 0800 good thru WAUR with sign-on (RK-IL)

WSOC NC CHARLOTTE - 11/29 0700 CLs popped thru WAUR/several others (KDF-IL)

850 KYGO CO DENVER - 12/29 0823-30 fair with ads, including one for a motel night spot's New Year's Eve Party at the intersection of I-25 & I-70; many CL ments (WRH-WI)

WBKH MS HATTIESBURG - 12/14 0701-05 sign-on with 5000 watts ment, SSB+C&W mx (JH-SC)

890 WIVK TN KNOXVILLE - 12/20 0137 good mono & \* signals over CBW with WLUP splash; C&W mx, Christmas Cash promo (EB-GA)

1000 KTOK OK OKLAHOMA CITY - 12/28 0327-32 very weak, but all alone; ID:KTOK NewsRadio 1000, Oklahoma City; lost shortly thereafter (RJT-NC)

1010 KLHT AR LITTLE ROCK - 12/28 0316 good with OLDHFM; Lite 94.1 IDs (RK-IL)

1050 WUKQ NY NEW YORK - 11/25 2037 good over WLIP/CHUM with fast Caribbean mx, full SS ID & jx (KDF-IL)

1110 WSWF NY SENECA FALLS - 12/22 0759 female with ads, AM-FM ID+local nx (WRH-NY)

1130 WNEW NY NEW YORK - 11/30 0022 very good with BBD (BP-NC)

1140 WVLE IL PEKIN - 12/26 0715 fair with sign-on (RK-IL)

1150 WDEL DE WILMINGTON - 12/10 0026 good with NFL promo, back to Tom Snyder (BP-NC)

1180 WHAM NY ROCHESTER - 11/30 0029 solid as a rock with nx, sps, wx &+LK; Rochester's News leader, 1180 WHAM mentioned (BP-NC)

1200 WKIT ME BREWER - 12/17 0141 IDs noted:KIT 100.3, The Music Stn, now 50, 000 watts; no ment of WKIT-AM at all; good briefly over others; 1st-timer (WW-MA)

WAGE VA LEESBURG - 12/17 0200 noted with ad for Midwest Cable, then back to LK; poor, in mess (WW-MA)

1220 WGAR OH CLEVELAND - 12/20 0005 good with FM 88.5 simulcast with C&W mx (BP-NC)

1260 WNXT OH PORTSMOUTH - 12/20 0008 good with NBA promo, back to Tom Snyder (BP-NC)

1270 WKBF IL ROCK ISLAND - 12/21 0155 very good over WXYT with C&W mx, CLs, legal ID @ 0200, CBS Nx; was a nite regular in St L. (EB-GA)

1280 WNPT AL TUSCALOOSA - 12/19 0014-40 very good with Dr Demento Christ,mas Show on Westwood One R. Net; totally dominating on good Au cx morning (RJT-NC)

WNPT AL TUSCALOOSA - 12/19 0305-09 with NBC Nx, promo, ad, ID: Serving you from the heart of Crimson Tide Country, 1280 AM, WNPT Tuscaloosa+Talknet (JH-SC)

1290 WFBQ PA ALTOONA - 12/5 0255 good briefly with ID: This is Altoona's best, WFBQ (WW-MA)

1300 WAVZ CT NEW HAVEN - 12/19 0050 ad for shopping center in Hamden; carries LK; XLNT @ 1 kw, atop 5 kw NSP pest WFBQ (WPT-DC1)

1310 WSSJ NJ CAMDEN - 12/5 0312 poor, over WORC with ID: WSSJ, the best of yesterday & today; soon lost to WORC (WW-MA)

1360 WSAI OH CINCINNATI - 12/20 0010 nx from SNN; very good with Gold format with the Old Classic Jam Jingles (BP-NC)

1420 WOC IA DAVENPORT - 12/26 0600 fair with sign-on (RK-IL)

1550 WCSJ IL MORRIS - 12/18 0810 poor with state nx sponsored by Grundy County Nat'l Bank; clobbered @ 0812 by WHIT sign-on (DS-WI)

1560 KSYN MO JOPLIN - 12/18 0757 poor with state nx; 0800 ID+NBC Nx (DS-WI)

1590 WAIK IL GALESBURG - 12/18 0804 good with local nx, but faded quickly into jumble (DS-WI)

WTVB MI COLDWATER - 12/28 0800 good with sign-on (RK-IL)

WZRZ MS JACKSON - 12/28 0359 good with AM/FM ID (RK-IL)

WTOQ WI PLATTEVILLE - 12/18 0814 very poor with ad for a Lancaster business; not that far away, but previously unheard (DS-WI)

1600 WARU IN PERU - 12/28 0558 good with sign-on (RK-IL)

WCWC WI RIPON - 12/16 0816-25 poor with state nx & WC-16, Your Information Station; like WTOQ, not far away, but unheard B4 (DS-WI)

MIDDAY TO MIDNIGHT

540 WWCS PA CANONSBURG - 12/15 1744-54 ID, ad, traffic, AM 540, WWCS ID, community annct+CLA (JH-SC)

560 WOOF AL DOTHAN - 11/29 2358 fair with FM simul; 99.7 WOOF-FM mentd; hot AC mx (BP-NC)

600 WKLW KY PAINTSVILLE - 12/15 1857 with C&W-sounding mx, WKLW-Paintsville ID+NBC Nx, wx+AC mx (JH-SC)

610 WDAF MO KANSAS CITY - 12/12 1824-28 61 Country, WDAF, Mid-Americas Nx Leader+NWS, traffic under lots of WIGH slop (JH-SC)

WDAF MO KANSAS CITY - 12/15 2040-2140 very good @ times over WTVN/WAES; many 61 Country IDs; verie back in 5 days (RJT-NC)

630 WMAL DC WASHINGTON - 12/8 2025-40 very good with Flyers vs Capitals NHL HKY; 2037; Giant Foods ad, ID (DS-NC)

650 WSH TN NASHVILLE - 12/18 1355 fair mono & \* signals with C&W mx, legal ID & local nx @ 1357 (EB-GA)

690 KGGF KS COFFEYVILLE - 12/15 2038 very good with Wichita State vs SW Missouri State BKB, in CBF null; best signal since last winter (RJT-NC)

780 WNWS FL MIAMI - 12/8 2014+ poor with R. Relog QRM & QSB; 2014; ID in call-in show+traffic rpt promo+promo fo: live broadcast from Int'l Jewelry Exchange+sponsorship annct (DS-NC)

WVEZ KY LOUISVILLE - 12/6 2209 fair with wx (45') +107 FM/AM 79 WVEZ ID+AC (DS-NC)

850 KFUO MO CLAYTON - 12/18 1805 fair over KEYH (SS) with The Lutheran Hour, brief REL message, sign-off @ 1733; St L #5 (EB-GA)

910 WLAS NC JACKSONVILLE - 12/10 1917-2000+ fair+good with C&W mx; 1944: AM \$ 910, WLAS (DS-KY)

CKLY ON LINDSAY - 12/15 1729 with wx, 910 CKLY+AC (JH-SC)

940 KIOA IA DES MOINES - 12/15 2150-2340 very poor, but enough for a report; in & out with WFAW; playing OLD with DJ Scott K.?? (RJT-NC)

950 WBJW FL ORLANDO - 12/6 very good with Brevard Community College ad+ID+BJ105 slogan+CHR/UC mx; still need Fla from home!! (DS-NC)

970 WWSW PA PITTSBURGH - 12/6 2127 good with OLD+promo for World's Largest Office Party (seems like every city has one stn with one of these) & ID (DS-NC)

1010 KHLT AR LITTLE ROCK - 12/10 1922-25 fair+poor with Rock & Roll Oldies Show; 1923; promo for something @ a LR hotel+K-Lite 94.1 FM KHLT promo, then FM promo @ 1923 (DS-KY)

1080 WDJX KY LOUISVILLE - 12/17 1955 fair with FM simul; pretty good CHR format (BP-NC)

1220 WKMT NC KINGS MOUNTAIN - 12/8 2132 fair with wx on \$ 1220, WKMT+sponsorship annct (lost to fade)+GOS (DS-GA)

1260 WIBV IL BELLEVILLE - 12/6 2159 fair+poor with MOR mx, ID (DS-NC)

1280 WQUE LA NEW ORLEANS - 12/6 2158 poor in jumble with slogan & ID (DS-NC)

WHVR PA HANOVER - 12/15 1822-45 ID+AC, traffic, NBC Nx, sps, ads (JH-SC)

1290 WNLB VA ROCKY MOUNT - 12/15 1708 with C&W mx, ID by DJ; fair (WPT-DC2)

1310 WJLK NJ ASBURY PARK - 12/5 1950 only noted W-J-L-K in mess of stations; very poor (WW-MA)

1320 WWGN NC WASHINGTON - 12/20 1700 sign-off with frequent ments of Washington (WPT-DC1)

1350 WOYK PA YORK - 12/6 1910 good, but fadey signal with Rock & Roll OLD; ID: Oldies WOYK (WW-MA)

1360 WSAI OH CINCINNATI - 12/6 2140+ very good with OLD; FM still signing WNNK per drive through city earlier in the day (DS-NC)

1430 WWCS GA TIFTON - 12/16 1741 ad for seafood restaurant in Tifton; fair over/under WRXO (WPT-DC1)

WRXO NC ROXBORO - 12/16 1742 ad for local market; fair+good (WPT-DC1)

1470 WJDY MD SALISBURY - 12/24 2259 noted with ID: WJDY Salisbury & the Night Moves Show; sexy female voice sez; Humm, feels good, Night Moves on WJDY; lost under WSRO (WW-MA)

1540 WLOI IN LA PORTE - 12/28 1717 weak with sign-off (RK-IL)

1550 WOKJ MS JACKSON - 12/12 1758 C&W mx, 1550 Super Country WOKJ, Jackson ID+C&W mx (JH-SC)

WOKJ MS JACKSON - 12/18 1945-2031 fair with DJ Willie Herrold playing C&W mx; ID: Super Country WOKJ; VERY rare here (RJT-NC)

- 1580 WQXR NY NEW YORK - 12/18 1749+ fair+good with ad for Christmas dinner @ Greenwich Village restaurant, phone # 929-4377+CLA by Mendelsson (sp?); usually get Paducah here (DS-WI)
- 1570 WBGZ IL ALTON - 12/16 1830-35 poor with nat'l nx+wx+sp promo with WBGZ ment+HS FB (DS-WI)
- 1800 KATZ MO ST LOUIS - 12/18 1828-30 poor+good (lots of fading) over/under KCRG; 1828: IGA ad+AM 1600 K-A-T-2 ID+blues special (DS-WI)
- WKVK VA SALTVILLE - 12/18 1844 GOS, ID with GOS mx ment+more GOS (JH-SC)

REPORTERS:

- RK-IL Robert Kramer//Chicago, IL//R-1000, HQ-122X + RW Loop, Kovalak Loop
- DS-WI Doug Smith//Madison, WI//ICF-2010
- DS-KY Doug Smith//Louisville, KY//ICF-2010
- DS-NC Doug Smith//Asheville, NC//ICF-2010
- DS-GA Doug Smith//Norcross, GA//ICF-2010
- KDF-IL Karl Forth//Chicago, IL//IC-R70 + spiral loop
- BP-NC Bill Prather//Tryon, NC//Kenwood TS-4305 + Alpha Delta Sloper
- EB-GA Eric Bueneman//Woodstock, GA//DX-200, TN-152, SM-2)
- WW-MA William Wyllie//Franklin, MA//Realistic Modulaire 2200 + indoor antennae
- WPT-DC1 William Townsend//Washington, DC (at home)//ICF-2010
- WPT-DC2 William Townsend//Washington, DC (Nat'l Christmas Tree Lighting on Ellipse//Portavision-40
- JH-SC Jason Hustedt//Lexington, SC//Superadio II
- RJT-NC Robert Tizra//Hendersonville, NC//R-5000 + many LWA & 2' ferrite loop
- WRH-NY Editor//NY-17 in Elmira, NY//Delco ETR
- WRH-PA Editor//I-90 just east of Erie, PA//Delco ETR
- WRH-WI Editor//Janesville, WI//Superadio

SOME ABBREVIATIONS & SPECIAL SYMBOLS USED IN DDXD-E

TT:test tones OC:open carrier TC:time check QRM:interference QTH:location  
 SID:singing ID CID:code ID jx:jingle lcl:local lgl:legal mx:music nx:news  
 wx:weather sps:sports HS:high school FB:football BB:baseball HKY:hockey  
 BKB:basketball >:after <:before =:equal with or equal to :OO: on the hour  
 ||:parallel with +:to or into @:stereo SS:Spanish FF:French EE:English  
 POL:political GOS:gospel REL:religion or religious AC:adult contemporary  
 BBD:big band OLD:oldies ROK:rock 'n' roll CHR:contemporary hit radio  
 ContChr:contemporary Christian C&W:country & western EZL:easy listening UC:  
 urban contemporary tlk:talk LK:Larry King BW:Bruce Williams PH:Paul Harvey  
 AP:Associated Press Radio UPI:United Press International MBS:Mutual  
 Broadcasting System USRN:United Stns Radio Net NPR:National Public Radio  
 MRR:Motor Racing Net MCRN:Music Country Radio Net IRN:Interstate Radio Net  
 SR:sunrise SRS:sunrise skip SS:sunset SSS:sunset skip LSS:local sunset  
 SSB:Star Spangled Banner

73, Bill

CITY QUIZ

John S. Bowker, Valparaiso, IN

QUIZ # 18

Only one city in the United States has stations operating at the five dial positions shown below. Of course, there may be other stations in this city too! Can you spot the city?

760 950 1130 1400 1500

Here is a hint; it is one of these: Detroit, Minneapolis, San Diego (The answer will appear at the end of the next City Quiz in DX News.) The answer to City Quiz # 17: Atlanta

Join the verification game!

Now, you can help out with station tests. Here's how: Send Wayne Heinen - 4131 S. Andes Way - Aurora, CO 80013 two 25c stamps per station, and Wayne and Jeff Tynan will print and mail an effective test request letter for you. You can either specify station and time, or just take pot luck. Increase your veries and help other NRC'ers at the same time ... join the verification game!

DOMESTIC DX DIGEST - WEST

Nancy Hardy

2301 Pacific Avenue, Aberdeen, WA 98520

We have a long column this week! Please remember to write DDXD-W or NRC on your reports when you send them to me (I also type WDXR for IRCA which is their equivalent of DDXD-West). Recently a report was received that didn't specify which club the report was intended for, so I had to guess. Of course, I guessed wrong! So, please let me know where you want your report used. If you belong to both clubs feel free to send two reports (a carbon copy is fine) so your report can be used in both clubs.

\*\*SPECIAL\*\*

- 550 KFRM KS SALINA - 11/28 s/off at 1815. Reverts to original calls, ex-KNNN. (JT-CO)
- 630 KWRO OR COQUILLE - 12/19 1814 good with South Coast Weather, ID, area spot ads. Reverts to KWRO from KBEY. (JW-OR)
- 1170 KVV5 CO WINDSOR - 12/12 s/off 1831 in Spanish. Ex-KFSC. (JT-CO)
- 1390 KJYJ IA DES MOINES - 12/15 0059 ID, song by The Juds. Briefly fair in KDZR null. Ex-KMRY. (JW-CO)
- 1450 KSLI UT ST. GEORGE - 12/13 0159 heard an address with Zip 84770, then quick "KSLI St. George" ID & CBS News. Lost by 0205. New, UT #32. Ex-KDLX. Never heard as KDLX or KATJ. (JW-CO)
- 1470 KYUU KS LIBERAL - Ex-KILS. Per verie, call was in effect of my report on 11/28/88 but was still simulcasting KSL5 "LS Radio" changes to follow but not eluded to! (WH-CO)

DY TESTS

- 970 WTB5 AL TROY - 12/12 no sign of DX Test 12/12. (WH-CO)
- MM 12/12 0200-0230 not heard on DX Test. The "Three Amigos" (KAFY, KVIM & XEJ) totally owned the channel. (TRH-CA)
- 1010 WPKY AL DORA - 12/5 DX Test not noted, just Spanish & unID EE. (WH)

Help with an unID

- 1600 KBEX UT CENTERVILLE - UnID heard by Doug Allen (issue 7) may have been this; their FM'er, KCQL, is on 105.5. (WRH-NY)

MIDDAY TO MIDNIGHT

- 560 KSPO CA SAN FRANCISCO - 11/27 2205-2210 fair with oldies, KYA-FM ID. (DS-NV)
- 570 KISN UT SALT LAKE CITY - 11/30 2210+ fair with Jazz BKB. (DS-NV)
- 690 KRCO OR PRINEVILLE - 12/19 1900 fair with CBU nulled. C&W, ID as Prineville-Madras. (JW-OR)
- 750 KMMJ NE GRAND ISLAND - 12/12 s/off 1758 "The midcontinent giant, 750 KMMJ, Grand Island." (JT-CO)
- KOAL UT PRICE - 11/30 2213-2220 asking for DX phone calls at (800) 548-4403, Sports Illustrated ad. (DS-NV)
- 770 KPLAT CA RIVERBANK - 11/27 2211 good with relig. (DS-NV)
- 800 KLTT CO BRIGHTON - 12/12 s/off at 2000. (JT-CO)
- 840 KWSB OR SEASIDE - 12/19 1826 poor with Christmas music, local spots, news and area weather at 1530. (JW-OR)
- 960 KMA IA SHENANDOAH - 12/8 2200 ABC-I news, 2205 spot for Harlan Auto Parts. 0/u QRM with music, "Regional Radio" slogans. (JW)
- KGWA OK ENID - 12/8 2059 ID "The talk of the town, KGWA, Enid, Oklahoma..." then CBS News. Fair in QRM. New, OK #32. (JW)
- 970 KCFO OK TULSA - 11/28 fair-good 1844. Relig. programming. (JT-CO)
- 1010 KPSL CA THOUSAND PALMS - 12/11 2349 "You're listening to K-P-S-L, the desert's only classical music station." CA #42. (JT-CO)
- 1040 KKRE CO MONUMENT - 11/28 s/off at 1845. (JT-CO)
- 1050 KTBA AZ TUBA CITY - 11/28 s/off at 1915. (JT-CO)
- 1060 KLMO CO LONGMONT - 12/12 s/off at 2030 with NA. (JT-CO)
- 1080 KWAI HI HONOLULU - 12/12 has revised format again due to "public demand," per station. Now local talk weekdays with oldies music relegated to weekends; was oldies by day, talk at night. (5P-HI)
- 1180 KBRI CA BAKERSFIELD - 12/19 1845 fair with talk show about relig. the "Bible Answer Man," ID. (JW-OR)
- 1190 KBCO CO BOULDER - 12/13 s/off at 2035. (JT-CO)
- 1250 KHIL AZ WILLCOX - 12/12 s/off at 1915 "Where the old west comes alive, K-H-I-L." (JT-CO)
- 1280 KREL NV HENDERSON - 11/27 2217+ now on at night--wasn't during my April visit. Seems a little loud for 28w but don't know where the mxtr is. Is Spanish, Log says EFL. (DS-NV)

1320 KWHN AR FORT SMITH - 12/9 2327 local spots, ID "This is Talknet on AM 1320 KWHN," then back to Bruce Williams Talknet. Surprisingly good with KOLT-KEMX QRM. (ØW-CO)

1330 UNID ?? LOS ANGELES? - 11/30 2227 poor-fair with classical music. Thought KFAC was already Spanish. (DS-NV) (Someone else reported classical with KWKW calls!--NH)

1350 KIDN CO PUEBLO - 12/1 2300 with oldies, change from C&W. (WH-CO)

1370 KOKE TX ROLLINGWOOD - 12/13 1947 "K-O-K-E, AM 1370" ID then into EZL. TX #62. (JT-CO)

1470 KWIV WY DOUGLAS - 12/7 2258 with Univ. of WY Cowboys EKB. Good north opening with a cold front on the way. (WH-CO)

1550 KUAT AZ TUCSON - 11/28 s/off at 1930. (JT-CO)

MIDNIGHT TO MIDDAY

540 CBK SK WATROUS - 12/2 s/on at 0655. (JT-CO)

550 KMVI HI WAILUKU - 12/5 0458-0500 poor-fair, usual intermod QRM. S/off including addresses of stn offices & xmtr, a capella SSB by military chorus. (5P-HI)

KPYR ND BISMARCK - 12/8 0012 dominating the channel. First logging of this in CO, v1 dates to 1966 from NY. AOR music. (WH-CO)

630 KXDC CA MONTEREY - 12/9 0346 poor to very poor, KIPA-620 slop. Briefly noted with ad, slogan "Easy listening favorites...all day on XDC, 1-oh-1 point-7," into EZL music. Ex-KIDD. (6P-HI1)

660 KTNN AZ WINDOW ROCK - 12/2 s/off at 0200 in English & Navajo. (JT-CO)

690 KGGF KS COFFEYVILLE - 12/14 s/on 0559 "Serving the 4 state area, K-G-G-F." (JT-CO)

730 KWOA MN WORTHINGTON - 12/2 s/off 0108. (JT-CO)

750 KMMJ NE LEXINGTON - 12/14 s/on 0730. (JT-CO)

760 KJIM CO THORNTON - 12/9 0759 s/on, USA Radio News. (ØW-CO)

12/12 s/off at 0000 "The Spirit of 76." (JT-CO)

12/13 s/on 0759. (JT-CO)

800 KLTG CO BRIGHTON - 12/13 s/on 0800. (JT-CO)

KQAD MN LUVERNE - 12/14 0713 poor u/XEROK. Ad for Loudon's Drug in Luverne. MN #13. (JT-CO)

830 KIKI HI HONOLULU - 12/21 0451 good with music from 60's, ID. First time heard this season. (JW-OR)

870 KPRM MN PARK RAPIDS - 11/29 0800 fair with ad for Citizen's Nat. Bank in Park Rapids. (JT-CO)

880 KRVN NE LEXINGTON - 12/11 0658 SSB, s/on annct. Owned by Nebraska Rural Radio Assoc., Inc. 0700 ABC-I News. (ØW-CO)

990 CBW MB WINNIPEG - 12/12 0208 regional weather, s/off with "O Canada. Very good in KRKS null. (ØW-CO)

1010 KPSL CA THOUSAND PALMS - 12/12 0237 classical music in CBR null to ID and Christmas tree lot spot. (WH-CO)

KLAT TX HOUSTON - 12/5 0226 variety of Latin music, "La Tremenda de Houston" slogans (SS-language). Fair at best with CBR/KDJW QRM while trying for WPYK no-show test. New, TX #86. (ØW)

CBR AB CALGARY - 12/14 s/on 0729. (JT-CO)

1060 KLMO CO LONGMONT - 12/16 s/on 0759 with PSA 500w. (JT-CO)

1100 KKLL MO WEBB CITY - 12/14 strong with ID at 0831. Farm report from A.G. Edwards in Joplin. MO #24. (JT-CO)

KVEE CO GRAND JUNCTION - 12/8 s/off 0203. (JT-CO)

1110 KPAB NE OMAHA - Noted s/off after news for maint. 12/5 0205. Only Spanish afterwards. (WH-CO)

1120 KPNW OR EUGENE - 12/9 0406 fair; over unID with man talking (KMOX?). Woman with sports mentioning coverage of Univ. OR BKB games in Honolulu, jingle, weather, copyright notice; back to Beth on "Night Flight" show. (5P-HI1)

1150 KIIS CA LOS ANGELES - 12/2 fair-good under KSAL with KRZN off. "The new stereo Kiss AM." CA #40. (JT-CO)

12/9 0347 poor; tent. KBAI under with talk show. Rap record "It Takes Two," station promo ment. request lines "on stereo Kiss AM," ads. (5P-HI1)

1190 KEX OR PORTLAND - 12/9 0310 fair-poor; KOHO-1170/KZ00-1210 splatter, lightning QRM. "Tom Snyder" show, delayed 4 hours, Brad Ford with "KEX 11-90 Weather Center" forecast, contest promo. (5P-HI1)

1210 KGYN OK GUYMON - 12/16 full data s/on at 0630. (JT-CO)

KBNO CO DENVER - 12/7 0200 SS/EE s/off annct. (ØW-CO)

12/8 s/off 0158 in SS and EE. (JT-CO)

1220 KZEE TX WEATHERFORD - 12/22 0749 spot for Weatherford Pawn; "Jingle Bell Rock" & other music; 0755 state news; ruined by KBNO s/on at 0800. (ØW-CO)

1240 UNID ?? ??? - 12/9 0307 poor to inaudible. Larry King Show, no ID at bottom of the hour between net ad & Mutual News. Faded out before I could get an ID at top of the hour, darn! Probably KNRY-CA per my Larry King Show list. (5P-HI1)

1260 KTEE ID IDAHO FALLS - 12/23 0855 briefly heard call ID in QRM. (ØW-CO)

KIMB NE KIMBALL - 12/23 0758 s/on by woman, fair in QRM. (ØW-CO)

KVSP NM SANTA FE - 12/13 0759 woman with s/on, no SSB. (ØW-CO)

1320 KEMX UT SALT LAKE CITY - 12/11 0830 half-hour program on skiing and tourism in Utah. 0859 ID "You're listening to 1320 KEMX Salt Lake City, an Easy mix of your favorites." Good signal over partially-nulled KOLT, Ex-KCPX. (ØW-CO)

1330 KVKM TX MONAHANS - 12/27 0838 news from Texas News Network; 0843 C&W music. Good with QSB. Due to change calls to KLB0 soon. (ØW)

1350 KSRO CA SANTA ROSA - 12/9 0404 poor; C&W station waffling in & out co-channel. End of NBC News, SID "All you need to know, KSRO 13-50 AM, Newsradio!" Bob Houston (?) with local headlines, back to Dara Welles on Talknet. (5P-HI1)

1360 KSCJ IA SIOUX CITY - 12/12 0106 s/off, owned by Apple Broadcasting Corp. Fair in QRM. (ØW-CO)

1370 KGNO KS DODGE CITY - 12/12 0107 s/off, no SSB. (ØW-CO)

1400 KCOW NE ALLIANCE - Correction to last report, KCOW is still here, not 1240, temporary lapse of memory! (WH-CO)

1420 KSTN CA STOCKTON - 12/22 0917 rock music, slogan "Much more music, 1420 KSTN." Then "KSTN 6:20 News" read by man. New, CA #45. (ØW-CO)

1430 KCRX NM ROSWELL - 11/28 s/on 0759 good in KEZW null. Spanish. (JT-CO)

1440 KUHLt CA SANTA MARIA - 12/9 0410 poor, over unID. Ray Briem Talkradio program, SID "Ray Briem tonight, KFM?..." net ad. Sounded like the station changed call letters. (5P-HI1)

1450 KDMN CO BUENA VISTA - 12/13 0942 ID, local spots, C&W music. Spotty reception in KATR null. New, CO #78. Was my closest unheard station! KBCR-1230 is now closest unheard. (ØW-CO)

KWHW OK ALTUS - 12/14 0059 s/off by man, owned by Altus Radio, Inc; orchestral SSB. Barely over jumble. (ØW-CO)

KSTW OK WOODWARD - 12/15 0700 s/on straight to ABC News. (WH-CO)

1490 KSYC CA YREKA - 12/21 0405 fair thru the pack with news, ID. (JW-OR)

1530 WKCY OH CINCINNATI - 12/12 0626 poor with man & woman talking, ID, area weather. KFBK off. (JW-OR)

1550 KQXI CO ARVADA-DENVER - 11/29 s/off at 0000 with 206 watts. (JT-CO)

12/5 0800 s/on with 500 watts announced & straight to CBN News. Heard again 12/8 s/off at 0000. (WH-CO)

12/14 s/on 0759 with 500 watt PSA. (JT-CO)

WOKJ MS JACKSON - Noted with C&W music & ID "1550 Country WOKJ" format change. (WH-CO) (Date & time?--NH)

UNID ?? ??? - "Klassy, Kiss AM 1550" heard 0750 to 0800 (KQXI s/on) with oldies and spot for Modern Cleaners at 0750. Anybody have any ideas? (WH-CO)

1560 KBEW MN BLUE EARTH - 12/16 poor at 0829 with ad for Blue Earth State Bank. MN #14. (JT-CO)

1570 KPRO CA RIVERSIDE - 12/2 strong with slight fade. "Inspirational Radio, K-P-R-0." CA #41. (JT-CO)

KLOV CO LOVELAND - 12/14 s/on 0800. (JT-CO)

1580 KWYD CO COLORADO SPRINGS - 12/2 s/on 0914. (JT-CO)

1610 UNID ?? ??? - 12/21 0438 NOAA weather broadcast u/o TIS from Chief Joseph Dam and also from Hood Canal Bridge. Sounded like Puget Sound weather. (JW-OR)

## REPORTERS

WRH-NY/Bill Hale, Johnson City, NY  
 TRH-CA/Tim Hall, Chula Vista, CA/ICF-2010, Radio West loop  
 WH-CO/Wayne Heinen, Aurora, CO/Radio West TRF  
 5P-HI/Dale Park, Honolulu, HI/Sangean AT5-803  
 5P-HI1/Dale Park, DX'ing in O'ahu, HI/Sangean AT5-803, Selec-A-Tenna  
 DS-NV/Doug Smith, DX'ing in Las Vegas, NV/ICF-2010  
 JT-CO/Jeff Tynan, Parker, CO/Sony 2002 with JT-5 loop  
 ØW-CO/John Wilkins, Wheat Ridge, CO/R-1000, R-390A, 2½ loop  
 JW-OR/Jack Woods, Waldport, OR/ICF-2010, Martens loop

## FM Station Address Book

ONLY \$8.95 (Canada, US\$9.45) to the Pub Center (Foreign orders, please write for price)  
 •Listed by state, city •8.5x11 inches, 3-hole punched •Full-size type

# INTERNATIONAL DX DIGEST

Chuck Hutton

1237 Lanier Blvd., Atlanta, GA 30306

Times are GMT (UTC), for ELT subtract 4 hours. (404) 873-2785 Before 2300 ELT

- 630 UNID 11/29 0331 heard with R. America IDs, ads and mentions of Comayaguela, CST TC's and instrumental mx o/WLAP. Did Tegucigalpa on 610 move here? (Forth) I believe this is not 610 moved but rather another station, but don't have any way to be sure - Chuck
- 650 CUBA Santiago de Cuba R. Rebelde CMJC 12/11 0830 good with CMBB splatter with WSM off with Latino music, many IDs between songs // 640 and 710. (Bueneman)
- 700 JAMAICA JBC Radio One Montego Bay 12/7 2335-2400+ good w/educational math program. 2400 ID w/frequency data for AM and FM relays. (Smith)
- 750 JAMAICA JBC Radio West, Port Maria 12/7 2335-2400+ good w/uc (? Chuck) to 2400 then contest promo and ID, abck into uc punctuated by recipes! (Smith)
- 800 NETHERLANDS ANTILLES TWR Bonaire 12/7 2200-2220+ extremely loud w/end of Jack Van Impe broadcast. (Smith)
- 825 BELIZE R. Belize 11/13 0306 very good with religious type crusade, off frequency (normal frequency is 1130) or moved here from 830? Is R. Paradise on the RB network? (Bueneman) Definitely Belize here, seems slightly distorted so I guess they are having tx problems - Chuck
- 830 CUBA 12/24 2212 very, very strong signal. No question of what this is! R. Taino with fast kind of Spanish music. (Wyllie) 12/23 0002 heard w/conversation between male and female annrc in SS, newscast. Later hrd 0259 w/R. Taino and Tour Radio ID in EE and music. Very good signal, WCCO not audible. (Forth) 11/9 0225 local like with traces of WCCO with instrumental music, SS IDs, promos // 1160, not heard much lately on 830. (Bueneman)
- 960 CUBA CM.. Cienfuegos 12/24 2219 weak but good signal behind mess of stations. Pips really come through the mess. (Wyllie)
- 1040 CUBA R. Moscow Relay 11/10 2354 fair to poor in WHO null over WHBO with Science and Engineering program, EZL music, frequency schedule, off at 2359. (Bueneman)
- 1100 CUBA CM.. 12/17 0725 and 12/24 2235 news and ticks every second but minute pips not there instead had chimes on the minute and no RR code ID at all. Why does this sound so different than other Radio Reloj's? (Wyllie) (I don't know, there have always been a few different flavors of Reloj - Chuck) 12/23 0241 good o/WWWE w/standard Reloj format // 760 which was heard at the same time. Which city is this from? (Forth) I don't know - it is new it seems - Chuck

Eric Bueneman - Woodstock, GA  
 Karl Forth - Chicago, IL  
 Doug Smith - Dxing at Wrightsville Beach, NC  
 William Wyllie - Franklin, MA

DX200, SM2  
 R70, HQ160, loop, LW  
 ICF2010  
 Realistic 2200

The Topeka Capital-Journal, Thursday, December 22, 1988

## Ban on indecent broadcasts extended round the clock

WASHINGTON (AP) — The Federal Communications Commission, bowing to the will of Congress, on Wednesday extended to 24 hours a day its ban on sexually explicit broadcasts, though one commissioner said she had "serious doubts" about the constitutionality of the new rule.

Radio and television broadcasters and free-speech advocates have said they will challenge the change, which was ordered by Congress as part of an appropriations package earlier this year.

The new rule is to take effect 30 days after it is published in the Federal Register.

In its order, the FCC noted that it previously had interpreted existing

law to prohibit obscene programming at any time and indecent programming only when there was a reasonable risk that children might be in the audience. It said the courts also held that opinion.

The FCC had said broadcasts aired after midnight and before 8 a.m. would be safe from sanctions by the agency.

However, the FCC said Wednesday, "the directive of the appropriations language affords us no discretion ... and we will now enforce the indecency restrictions 24 hours a day."

Commissioner Patricia Diaz Dennis, a Democrat, said in a statement that the FCC has no choice but to accede to the wishes of Congress,

Need to renew?  
 Expired? The mailing label will tell you.

but she said, "I have serious doubts whether our new rule will pass constitutional muster."

Indecent material is defined by the FCC as that which "in context, depicts or describes, in terms patently offensive as measured by contemporary community standards for the broadcast medium, sexual or excretory activities or organs."

Obscene broadcasts, which do not enjoy such constitutional protection, are defined as those that appeal to the prurient interest and lack serious, artistic, literary, political or scientific value.

# FORMATS

Tony Fitzherbert

356 Jackman Avenue, Fairfield, CT 06430

Welcome to the year end issue of FORMATS. It is brought to you by the M Street Journal (M), Geov Parrish (G), and your editor, who heard a few new stations on the way to Boston by car. Also, a correction...WING, Dayton is 1410, NOT 1420, as ye editor noted in the last column. Mia culpa!

Also, production cut the AM dial back to 1500 in the last column. I am including the top end of the last FORMATS, as well as more recent changes.

The AM dial continues to offer surprises. East coast DX'ers...remember WEAN-790, Providence, RI?? Well, this old station changed calls to WWAZ, went to a big band format...but this former great station of the 1940's-1950's had to make another change to stay afloat...would you believe "Classical WWAZ", with classical music 24 hours a day???? (And NO // w/FM!!). Here are the latest changes.....

- 590 KSRO CA San Bernadino - Ex-KFXM, now news/talk(M).
- 640 WHOF FL Wildwood - New station, REL(G).
- 650 KORL HI Honolulu - Back on air w/ AC//FM(M).
- 760 KNKI KS Overland - New station, REL(G).
- 760 WCHP NY Champlain - New station, REL(G). Not so, I verified him in Fairfield in 11-85 (TF).
- 760 KSJL TX San Antonio - 24 hour SMN - Z-Rock in a city that tried to ban minors from heavy metal rock concerts a couple of years ago!!(G).
- 790 WWAZ RI Providence - Classical, fine arts (TF).
- 790 WMC TN Memphis - News/talk on 1-1-89(M).
- 900 KKRT WA Wenatchee - SMN Adult standards (M).
- 980 CKGM PQ Montreal - Oldies (M).
- 1050 KNXX NM Los Ranchos de Albuquerque - Silent (M).
- 1050 CHUM ON Tcrronto - AC (M).
- 1120 WWOV FL Destin - New station, oldies (M).
- 1150 KEZQ AR North Little Rock - All Travelers Info!!!!(G).
- 1180 WHJM TN Knoxville - New station, SMN oldies (M).
- 1220 WXCT CT Hamden - Ex-WNNR, "Classic WXCT", Rock music (TF).
- 1230 WESX MA Salem - The model full service suburban station, lots of NX, Sports, Info, hours are 0600-2300, AP news feed (TF).
- 1240 WVSR WV Charlestown - CHR//FM(M).
- 1250 KRYT CO Pueblo - Transtar oldies//FM(M).
- 1290 KMEN CA San Bernadino - Heart and soul R&B oldies (M).
- 1310 KBMV MO Birch Tree - Satellite CWM (G).
- 1370 WKFD RI Wickford - Was silent, now AC "Bayradio 1370" (G).
- 1380 KLUE OK Muskogee - Oldies, // KKWK (M).
- 1430 KSKS OK Tulsa - Oldies//KVLT (M).
- 1470 WOHO OH Toledo - CWM "Country 1470" (M). Wonder how they compete w/ WTOD, another CWM outlet?(TF).
- 1510 KJAA AZ Mesa - Becomes KFNN, BRN Business News (M)>
- 1510 WXLX NC Blowing Rock - Silent (M).
- 1510 WMHQ NJ Dover - Silent (M).
- 1520 WKNT OH Kent - Oldies (M).
- 1530 WTTI VA Dalton - Religion (Eric Bueneman).
- 1540 WKIE GA Richmond - UC (Eric Bueneman).
- 1550 WLWX CT Bloomfield - "Christian 1550", Contemporary Christian (TF).
- 1560 WSDL LA Slidell - BRN Business News for New Orleans (M).



12 1570 KCVR CA Lodi

1570 WKYR KY Burkesville  
1580 KTSS IA Davenport  
1590 WNTS IN Beech Grove

1590 KHIT NV Sun Valley

- English Religion AM's,  
Spanish and English CHR PM's  
with Spanish announcers. (Mark  
Strickert).  
- Oldies (M).  
- Rock // KFMA (M).  
- Religion, Southern Gospel,  
Tom Elliot is the morning man  
with "Good Morning, Indy", USA  
Network, hours are 0530-  
2400 (TF).  
- CWM//KIIQ-104.5 in Reno  
(Mark Strickert).

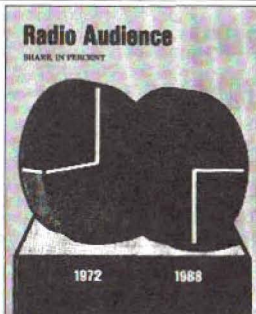
And now you are up to date. To our contributors, thank you  
very much!!! And to the rest of you, when your local station goes  
all BRN business news, all polkas, or all guitar music with left  
handed guitarists, let all of your fellow NRC folks know...in the  
FORMATS column.

73's JZ

Newsweek  
-via Mark Strickert



Kid staff: K-PAL deejay Jerry Tucker and protégée



Some converted stations are  
paying off big. Winners Radio  
founder Nuckols bought the ailing  
AM station for just \$1.4 million  
and obtained an exclusive  
agreement with Nightingale-  
Conant, the nation's largest  
producer of motivational cas-  
settes. WWNN, true to its mis-  
sion, became profitable within  
90 days and grabbed the lion's  
share of the 25- to 49-year-  
old AM market in Ft. Lauder-  
dale. "The Motivation Station"  
has already brought in three  
affiliates for its fledgling Win-  
ners News Network. All-Elvis  
WCVG-AM in Covington, Ky.,  
mixes musical selections from  
the King's 652 singles and 90  
albums with features such as

"Elvis Him-selvis," old tapes of Presley  
talking about women, sports and food. "We  
used to go out and beg and cry for advertis-  
ers," says program director Steve Parton of  
the station's country-format days. "Now  
they've started calling us."

**Riding tads:** One-track programming  
doesn't always work. A San Francisco sta-  
tion's all-game-show format was crashed af-  
ter six months. An L.A. station grashed  
with an all-traffic-and-weather idea; an all-  
news station in Flint, Mich., met a simi-  
lar fate. Formatting has gotten so specific  
that one station manager says he expects  
any day to see "an all-gay all-weather sta-  
tion for black males."

Station operators know the dangers of  
riding a fad: what's hip today is often gone  
tomorrow. In the face of the AM slump,  
getting any market share at all is a tri-  
umph. "You never know when it's going to  
die, but right now we're doing really well,"  
says Elvisologist Parton. "When we stop  
making money, we'll look for something  
else." Can all-Tiny Tim be far behind?

ANDREW MUESS and JOHN SCHWARTZ

## 'Unusual, But Not Crazy'

All-anything AM radio tries to win back listeners

Eighteen months ago radio station  
WWNN in Pompano Beach, Fla., was  
playing oldies—and dying. Now it's  
"Winners Radio," dishing up hot stacks of  
wax from self-help gurus Zig Ziglar, Tom  
Peters and Dr. Leo Buscaglia. "Instead of  
playing hit records, we play hit ideas,"  
says station president Joe Nuckols. Just  
catch that WWNN jingle: "There's no  
more looking back/It's time to act/For  
winners only."

The medium needs that message: AM  
radio is a mess. It has long been losing  
audience share to the clean stereo sound of  
FM (chart). The holdover AM fans are older  
and poorer than advertisers like. Unable to  
compete with FM's mainstream rock, coun-  
try, oldies and easy listening, AM operators  
are trying a new approach: scare up listen-  
ers on the margins by "narrow-  
casting" to a tightly targeted  
audience. Four all-Elvis sta-  
tions have sprung up since the  
summer, a format switch de-  
fended by one program director  
as "unusual, but not crazy."  
All-sports station WFAN in  
New York has been supplying  
jockaholics with their 24-hour  
fix since 1987. Little Rock's  
K-PAL has an award-winning  
all-children's format and bills  
itself as "your imagination sta-  
tion." Along with storytelling  
and music by kids' artists such  
as Raffi, K-PAL also features a  
joke call-in show and a news  
staff consisting of eight local el-  
ementary schoolers.

The business of business has

attracted the eye of several programmers.  
Two all-business-news networks will be  
joined by a third in January. The 14-station  
Money Radio network even offers five  
hours of Pacific Rim coverage and five  
hours of Euromarkets each day. Like other  
satellite broadcasters, Business Radio Net-  
work offers its 24 affiliates the lowest of  
overhead costs: the 24-hour news feed can  
be handled by local stations with a single  
engineer on hand to flip switches and play  
commercials. Aiming for the high end, the  
new Business News Broadcasting will hit  
the airwaves with no-nonsense program-  
ming for executives with investment port-  
folios valued at \$15,000 or more. President  
Joe Knowles admits his concept has to over-  
come one obstacle: "Our audience doesn't  
listen to radio."

## An End to Room Service?

Tired of room-service din-  
ners in another sterile  
hotel suite? Fed up with  
evenings dodging lounge liz-  
ards in the mezzanine bar?  
Businesswomen of America,  
take heart. Now you can  
join TWIN, the Travelling  
Women's Information Net-  
work. For a \$45 fee (\$90 start-  
ing in February), members  
will receive a toll-free num-  
ber that alerts them to the

names and professions of oth-  
er members who'll be passing  
through the same city during  
their stay. Founder Susan  
Cameron came up with the  
idea after three years travel-  
ing solo as a marketing man-  
ager. "I thought if I were just  
sitting in my hotel room, how  
many other women [must be]  
sitting out there," she says.  
In six months more than  
100 women have joined

TWIN, although the network  
won't be fully operational un-  
til next year. "I wouldn't feel  
comfortable going to a lounge  
and having men think I just  
want to be picked up," says  
networker Kathy Grybel, a  
sales manager. "It'll be nice to  
call [some woman] and go to a  
movie." Of course many travel-  
ing women say the last  
thing they want to do at the  
end of the day is schmooze  
with strangers. At times like  
that, a room-service sand-  
wich is Paradise.

# Station Profile

Tony Fitzherbert

356 Jackman Avenue, Fairfield, CT 06430



About twenty miles northeast of  
Indianapolis is located the farming community  
of Noblesville. Situated on the placid White  
River, a portion of the 19,000 residents of  
this typically neat, well laid out town earns  
their livelihood at Firestone Rubber, while  
others commute to jobs in greater  
Indianapolis. The focal point of this former  
farm community is the typically midwestern  
town square.

Serving this bucolic area, with its straight, tree lined  
streets, is a most unusual radio station. WYIC-1110, "Your Indy  
Connection", derives its uniqueness from some truly innovative  
approaches to programming during its history. Additionally, the  
station is one of the most directional daytime only stations in  
the country. And WYIC not only serves Noblesville, but it has  
tried, unlike many suburban radio stations who successfully  
concentrate on serving their local markets, to compete with the  
larger Indianapolis broadcasters.

WYIC Radio began operations as a 1000 watt daytime station (as  
it is presently) in the mid 1960's, as WHYT. Built by the  
Reverend Wendall Hanson, WHYT began operation from a small wooden  
frame building at the station's transmitter site on Cicero road  
(State Road 19), two miles north of Noblesville.

WHYT offered a varied format, ranging from soul music to  
religion, to gospel music.

In 1979, WHYT was sold to Jim Mathis, who worked at the old  
WFBM-1260 (now WNDE), in Indianapolis. As "Faboom" had changed  
its call to WNDE, Mr. Mathis applied for the legendary WFBM call.  
Mr. Mathis instituted two other changes. He dropped the variety  
format, programming big band music. Also, he moved the studio and  
offices from the tiny transmitter building, hidden at the end of  
a gravel road, in back of a farm, to 830 Logan Street, on  
Noblesville's town square.

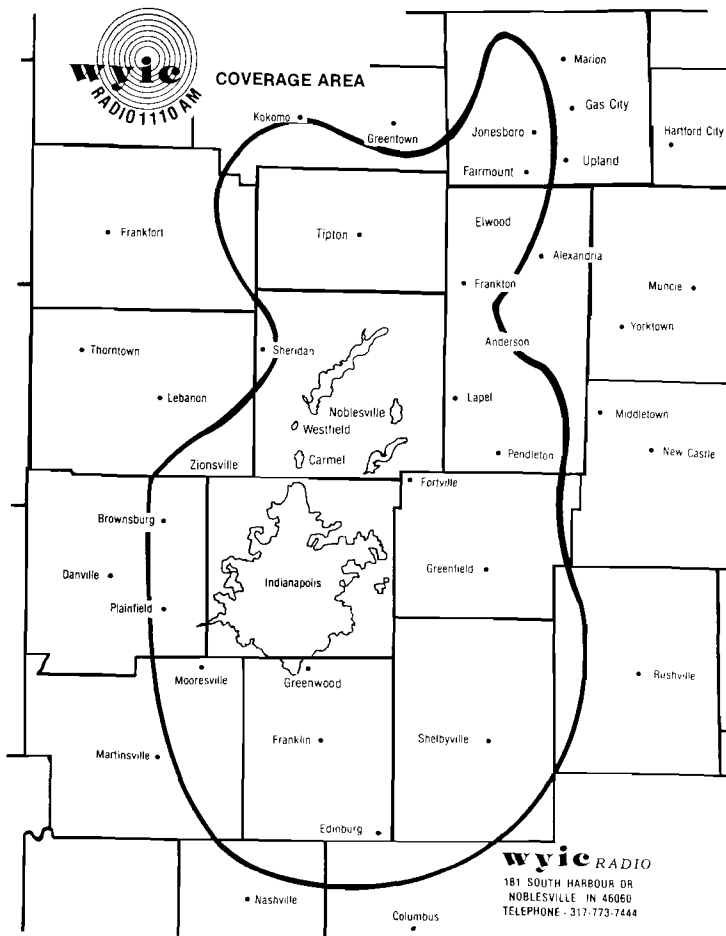
While the big band music was popular, it failed to result in  
dramatic billing increases. So the format was switched to middle  
of the road in 1983.

### Radio "Aahs" Children's Format

In 1985, Bill Oswald founded the Children's Radio Network -  
which would profoundly affect WFBM. Oswald was trying to tap the  
last market as yet untouched by AM radio. He believed that  
children's programming would be very popular with daytime  
stations - as the market went to bed (occasionally under protest  
and with stern parental direction) shortly after the stations  
left the air. The novelty of "Radio Aahs" (like "Oz") scared many  
programming people. It was programmed on a handful of stations,  
including WFBM, in September, 1985. Radio Aahs lasted until  
January, 1986, when Oswald, having contracted with many  
individuals for guest appearances on his tapes, ran out of money  
and the network ended.

"Radio Aahs" arrived at WFBM on 50 - 60 huge reels of tape.  
Among the "guests" were "Mr. T.", the Muppets, and lots of  
popular singing groups.

WFBM's present program director, Dave McKee, was the afternoon  
local DJ, and was known to his audience of adoring wee ones as  
"Dave". And announcer Kevin Weinman tended the board in the  
morning, and was "Uncle Zack" to his youthful following.



Here is the WYIC coverage map. The very directional signal easily covers Indianapolis. Courtesy of WYIC PD Dave McKee.

The day started with "Larry and Semour" on the "Morning Alarm Clock". Along with kids' music was advice on how to brush teeth, wash, comb hair, and dress. All was more delightfully received by youthful listeners than if presented by parents.

Midday programming was "Alphabet Soup", where the market learned its ABC's, how to count, basic math, and other skills, mostly contained in music. Sponsors were toy stores, department stores, McDonalds, and other fast food restaurants. "Lunchtime Theatre" was a story and music show narrated by singing groups such as the Supremes - an epic program featured Michael Jackson narrating "ET".

The afternoon was given to "Super Music" with songs, notes, contests, and stories for kids. Saturday was a continuation of the weekday programming, and the kids' format began on Sunday at 11:30 AM, after the paid religion programs were completed.

Emmett Depoy, a Noblesville businessman, bought the station, and changed the call to WYIC, to add identification to Indianapolis. In an economy move, he moved the station back to the transmitter. But offices and a studio in a cramped building in back of a chicken farm are not an appropriate place to do business, so space was rented in a small shopping center at 181 South Harbour Drive (a housing development) for his studio, where WYIC's comfortable quarters have been since May 15, 1989. Aside from ample office space, the quarters houses a large control room (with the original board), and a production studio. The 1965 RCA transmitter is all that is left at the transmitter site. It feed five 264 foot high towers. A sixth tower fell several years ago, and the chief engineer modified the array - and most of the 1000 watt signal is driven south into Northeast Indianapolis. There is no PSA or PSSA.

Presently WYIC broadcasts no FM, although the station is a contender for the recently allocated frequency of 93.9mhz.

WYIC airs UPI News, and the Sun Network, all fed by satellite. Mellow adult contemporary music is also broadcast, along with some local and county news. WYIC carries a lot of local sports, including "Coaches' Corner", "Lady Coaches' Corner" (girls' basketball is very popular in the area), and other features. WYIC does remote broadcasts from local businesses, and from the annual Noblesville on the River festival, every October. Remotes are hosted by features editor Carolyn Churchman. Carolyn also interviews civic leaders from both Noblesville and Indianapolis for the station.

WYIC employees ten full time personnel. Dan Rogers is the morning announcer, Program Director Dave McKee gets behind the mike at 10:00Am, and Jim Lipps hosts afternoons at WYIC. All programming is a mix of soft adult contemporary music, lots of local information, and feed from Sun.

WYIC is indeed an interesting station, because of its programming lineup. And because of its friendly announcers, good music, and diversity of information from its network, its programming is popular in the northeast areas of Indianapolis, and well as in Noblesville and surrounding areas.

Thanks are extended to David McKee, WYIC Program Director for all of his help in the preparation of this profile. Dave has been at WFBM-WYIC for all of his career in broadcasting, with the exception of a year at WCHN-FM, Anderson, where he was an announcer on this 50 kw adult contemporary outlet. Thanks, too are extended to office manager Debbie Rayle, who helped recall some of the early WYIC history.

## If DJs had their way, these tunes would be on jukebox in hell

BY NEAL RUBIN  
Free Press Staff Writer

**P**aul Christy can forgive Bobby Goldsboro and Debby Boone and even Morris Alpert. But he'd like to see one Led Zepplin piece banished to Elba with Napoleon XIV.

"The gushy songs don't bother me," says Christy, who spins oldies Monday through Saturday mornings on WKSG-FM (102.7). "It's the stupid stuff that bothers me. I don't understand what people see in novelty records."

He specifically mentions "They're Coming to Take Me Away," the rhythmic rantings of Napoleon XIV. Then he remembers "the song I hate the most in the whole wide world for ever, ever, ever. What I hear it come on the radio, in five

seconds I'm over there punching the buttons."

"It's Led Zepplin's 'Rock and Roll.' They sing it in this real high, eCreech voice. It's been a long time, but a long time... 'Oh, I hate it.'"

That would be his entry in "Solid Music," the Free Press contest that lets beleaguered listeners attack the worst pop or rock music of all time. It's somehow instructive that even though he hates the song, he knows the words: Despaired lyrics seem to linger, like ringworm.

"Maybe," suggests operations manager Sandy Davis of CKMR-FM (93.9), "we're all secret sadists and we really enjoy the bad ones."

Or maybe, says Mark Pasman of WCSX-FM (94.7), their sheer awfulness etches them on your consciousness - like bird droppings on the hood of your car.

Detroit Free Press  
-via Charles W. Reh

"Start with 'Having My Baby,' by Paul Anka. A dog among dogs," says Pasman, program director and disc jockey at the classic rock station. "There's 'Close To You,' by the Carpenters. Sadly, I'd have to include 'My Ding-A-Ling' by Chuck Berry. That's doubly sad because it was Chuck's only No. 1 record. It certainly couldn't be anything close to his No. 1 work."

And, of course, there is Morris Alpert's "Feelings," the poster child of bad music. Pasman ranks it No. 1 in the Bottom 10, and CKMR's Davis seconds the motion.

"I like to sit around on Friday night and listen to the album version of 'Purple People Eater,'" Davis says. "Debby Boone, with 'You Light Up My Life,' was another high point in my career."

"And I know I've never gotten enough of 'Feelings.' I can hear that about 400 more times, and usually you do, at every wedding."



# Once Upon a Time ... by Ben Dangerfield

Twenty five years ago! A quarter of a century! These were the closing months of 1963, and the beginning of 1964, and the times were indeed troubled. Our President had been assassinated a week before Thanksgiving. The war in Southeast Asia was intensifying, and so were the civil rights protests in this country. But the DX was good, and getting better. After a fall of LA receptions surrounding a few short cycles of TA activity, things broke wide open the third week of November. Early November 1963 had been mostly Latin American, but exciting LA's from all over. It seems that an awful lot of Central American and South American stations were on split frequencies, or slightly off even frequencies. 21 Costa Ricans were assigned to kilocycles ending in -25 and -75, but the other countries had them, too.

On Nov. 7th I got a fine log on Radio Mia, Panama-645 kcs. Nov. 12th brought in OAX28, Peru on 1095 kcs., and HJKD, Neiva, Colombia-1587 kcs. was good the same day. All low powered stations. And big ones like XEW-900 were strong most nights.

A TA (Trans-Atlantic) cycle began around Nov. 14th, and on the 20th at 10:30 PM I "bagged" Baghdad, Iraq on 908 kc. (verie received a month later). The day Kennedy was shot, (Friday, Nov. 22nd.), found the AFN-West Germany network on late, along with VOA-Munich-1196 and VOA-Rhodes-1259. At midnight, 50 watt CFSE at Seneterre, Quebec on 1425 kc. played sacred music. (I also recall that around this time there was confusion between this one and the AFRS station at Thule, Greenland, same frequency.) At 2:30 AM, Nov. 23rd, the BBC stations on 1088 and 1151 kc. were strong and clear with commentaries on Kennedy. That afternoon, about 60 TA signals were picked up between 3:10 PM and 5:00 PM, including Sottens, Marseille, Athlone, and Cairo. The next day, (Sunday, Nov. 24th), AFN-Munich-1106 kc was like a local at 6:00 PM with classical and sacred music, and at 11:00 PM Budapest-1187 was in loud and clear. But my most exotic catch came the next morning, (Monday Nov. 25th) at 1:45 AM. It was Radio Niamey, Niger - in French - on 1511 kc. with 1000 watts. The verie came back on Dec. 5th, my 76th country at that time.

The following Monday morning, (Dec. 2nd) KCTX, Childress, Texas, was really clear with a test program at 2:00 AM on 1510 kc, 250 watts. At the same time many British and French stations were heard. And at 3:00 AM, YVLD, Valle de La Pasqua, Venezuela was atop 1370 kc with their 1000 watts, playing "Moon River." Bear in mind that 25 years ago there were many clear frequencies both Sunday and Monday mornings when most U.S. stations shut down for maintenance between midnight and 6:00 AM. So it was possible to hear the test programs and the low powered stations from across the continent and across the seas. (And it was still possible to hear Australia and New Zealand on the Eastern U.S. coast, on regular wavelenghts, as we will find in the spring of 1964.) At the end of 1963 the sun spot cycle was approaching its minimum, but still had almost a year to go.

Monday morning 12-9 brought a semi-regular, CX-28 (Radio Imparcial) of Montivedeo, Uruguay, atop 1090 at 2:00 AM with 20,000 watts, and a new one, CS-114, Santiago, Chile on 1140 kc. at 3:00 AM. On Dec. 15th, I had the thrill of hearing the very first broadcast from Radio Barbados, 795 kc: Christmas carols, beginning at 5:30 PM. The next morning, (Monday th 16th), I counted about 75 TA signals between 2 and 3:00 AM, of which some 30 were very strong. And this cycle continued through December and into January. On the morning of Monday, Dec. 23rd, there was a Christmas program on local-like Valencia, Spain-773 at 1:30 AM; Brussels-926 was very good at 2:10; and Radio Eireann-566 came in nicely from 3:00 to 3:15 AM fadeout. My subsequent verie letter arrived soon after, but fell behind a couch where I found it on Jan. 30th - like buried treasure. Christmas Eve brought Europeans in from 4:30 PM on, and there were great signals from Vatican-1529 and many of the French stations who were broadcasting midnight mass between 6:30 and 7:30 PM. What a contrast from the Christmas season reception in 1988! Oh for the good old days!

Saturday Dec. 28th had me close to my HQ-180 (which at that time had been my receiver for two years) from mid-afternoon until late in the evening. The parade started with the BBC outlet at Clevedon on 1457 kc. (20,000 watts) at 4:12 PM and ended with several East Germans at 11:00 PM. Little did I know, while stationed near Clevedon with the U.S. Army in 1944, that 20 years later I would pick up their local station so clearly on the other side of the Atlantic! And then on Monday morning, Dec. 30th, 1963, in came Monrovia, Liberia-650 at 2:00 AM (clear frequency), followed by Brazilians on 860, 1030, and 1200 kc., (all clear) between 3 and 4:00 AM! The only problem was that my wife complained when I came back to bed with cold feet!

New Years Day, 1964: KSL alone atop 1160 kc at 8:00 PM, KDA and KFI atop their frequencies at midnight! Monday morning Jan. 6th: KDB atop 770 at 2:00 AM, then a test from KZYS, Corpus Christi-1440 (mixed with XELZ, Mexico City) at 2:45 AM. It was almost always worth the cold feet for me, anyway. Among the Monday morning 1-13-64 catches was a 640 kc test from WNAO, Norman, Oklahoma - over and under KFI, with CBN QRM! All the regular Europeans were strong from 1:45 to 3:00 AM. The splits were easy with so many domestic stations off.

Reception around 10:00 and 11:00 PM was usually interesting, and in mid January, 1964, I was hearing stations from Romania, Yugoslavia and East Germany at that time. I also had some good signals from European graveyard channels like 1484 (England), 1493, (France, mostly), and 1594, (Portugal and Italy). At 10:30 PM on Jan. 20th, a surprise was Radio El Sol, Lima, Peru on 895 kc with Peruvian Indian music. As January drew to a close, the European signals were from further and further away, as for example, the reception of Radio Kishinev in the Moldavian Republic on 998 kc. on 1-28-64 at 10:00 PM, and Lvov U.S.S.R. -935 kc. shortly afterward. In the coming months, these Eastern Europeans got even better, and I will touch on them in a subsequent article when I look back at what it was like when the sun spots hit rock bottom.

I think one of the remarkable things to remember about the DX 25 years ago is the low power it took to send signals such long distances in low sun spot years, and in other, earlier, years when so many frequencies were uncluttered. There weren't any megawatt stations in Europe, Africa, and the Middle East 25 years ago. The highest powered were Monte Carlo-1466 at 400 kilowatts, and Luxemburg-1439 at 350 KW, both of which came through often and clearly. VOA-Munich-1196 used only 150 kw, as did the British European Service transmitters at Crowborough (647 and 1295 kc), but all three could be heard many evenings like semi-locals. The largest BBC home stations were all in the 100 to 150 kw range, except for Clevedon as mentioned, but all could pack a wallop, as could the big French stations in the same power range. But even the British and French low powered transmitters (using 250 to 2000 watts) sometimes put in good signals over here. And some of the best TA signals ever heard emanated from Nice, France-1554 at 60 kw and Oldenburg, West Germany-1584 at 40 kw. A few of the East Germans, such as Dresden-1043 and Deutschlandsender-782 had powers in the 250 kw range, and they, too, often had super signals. Cairo-818 and Lvov-935 were listed at 300 kw, and on several occasions boomed in.

Quite a few relatively low powered stations like San Sebastian, Spain-1025 with 5 kw; Timisoara, Rumania-755 with 50 kw; Marrachek, Morocco-1196 with 1000 watts; and Covilha, Portugal-1562 and 1000 watts; all were frequently and fairly easily picked up over here. Of course, low powered Aussies and Zedders from down under had been making it to the Eastern U.S.A. since the 1930's, and this was still happening 25 years ago, but to a far lesser extent. I have noted with interest the recent loggings in these parts of some 500 watt Australians on 1620 and 1629 kc and think this must be a phenomenon of the extreme upper end of the band. I haven't logged any of them yet from here, but I did hear all of them while visiting Sydney in the summer of 1988.

As for the Latin Americans, well nearly all of them were low powered. Each Central American country had a few 10 kw stations but the great majority used 250 to 1000 watts. Colombia had mostly 10 and 50 kw stations on the lower half of the band, but those on the upper end were 100 watters and less. The same was pretty much the case with Venezuela. There was a smattering of 50,000 watters in the rest of South America, mainly in Brazil and Argentina, and they didn't have too much difficulty reaching these parts. The Caribbean radio stations were tiny ones in those days except for some Cubans and Radio Martinique, which used 50 kw on 1500 kc. Mexico had the highest powered stations in this hemisphere, including XERF-1570 at 250 kw, XEW-900 at 250 kw, XEWA-540 at 150 kw, and XELD-800 at 800 kw. Bonaire-800 was not yet on the air. The United States and Canada, of course, had far fewer ten and 50 kw stations on the so-called clear channels than they now do.

Who were some of our DXERS 25 years ago? Well, we had Joe Fela at Newark, N.J., Hal Robie in Medfield, Mass., Leo Fox in Yukon, Ev Johnson in Mendota, Illinois, Ron Schatz at Miami, Florida, Roy Barstow in Walpole, Mass., Bill Nittler at Englewood, Col., Roy Millar in Marysville, Wash., Stan Morse in Bradford, Mass., Andy Rugg in Quebec, Dave Gleason in various LA lands, Wayne Plunkett in Weston, Ont., Russ Edmonds in New Jersey, Roger Winsor at Berwyn, Ill., and of course, Ernie Cooper, DXing from Brooklyn. And there was Frank Merrill in Milan, Mich., Joe Brauner in Punxsutawny, Pa., J. Warren Routzahn in York, Pa., Rich Heald in San Leandro, Cal., Dallas John in Illinois, Chris Manthey in Cleveland, Ohio, Jim Ernst at Mahone Bay, Nova Scotia, Clarence Freeman in California, Alex Bowab in Atmore, Alabama, Randy Seaver in San Diego, Cal., Ernie Wesolowski at Omaha, Neb., and Ron Schiller in Monmouth Beach, N.J.. There were Ralph Johanns and Ray Edge



From Buffalo, N.Y., and Dick Cooper from Kittanning, Pa. And Larry Godwin at Boulder, Col., Pete Taylor, San Francisco, Hank Wilkinson in North Hollywood, Cal., and Swedish exchange student Peter Bengston, who was staying in Merion, Pa., near Wallingford. Peter was a Spanish expert and was a lot of help to me in identifying LA's. Sad to say, several of these DXers are no longer with us, but their interesting Musings, their foreign reports, and their dedication to the hobby will live on. Of the rest, some are still contributing, and that's good. I know there were other top notch DXers at that time, but I was just trying to mention some who had reported in 25 years back.

In the months I am covering, Larry Godwin logged Thule, Greenland, on 1425 kc; Roy Barstow heard KTFI (Idaho) at sign off; Roy Miller verified 2000 watt 2x2-1200 (New Zealand) from the state of Washington; and Stan Morse was hauling back Dr. Pepper bottles from the convention. (I, too, drink Dr. Pepper, sometimes with a little bit of rum!) And Stan, like Ernie Cooper, accurately reported what he heard and when he heard it, with comments on the loggings and conditions.

Hank Wilkinson brought in Seoul, South Korea on 970 kc. and Sakhalinsk, U.S.S.R. on 973 kc. Dallas John, in Illinois, and I, both logged KAIT-870, Honolulu. J.W. Brauner reported an "outlaw" on 1615 kc. Today they call them "pirates". Radio Americas, on Swan Island, off the coast of Honduras, was being reported on frequencies varying from 1160 to 1170. Broadcasts were to Cuba. Ralph Johannes in Buffalo logged KWO-1410, Wyoming, and several of us were hearing the 50 watt at Ramey AFB, Puerto Rico, on 780. Dick Cooper, who would later become our publisher, was visited by Fred Van Voorhees, a former DXD editor. I met Fred at Grove City College during the War when he was active at WSAJ-1340, and we were both students. Among other interesting catches being made 25 years ago were 5AN, Adelaide, South Australia-890, and 4QA-720 in Mackay, Queensland, Australia. I visited both of those places in July, 1986. Roy Miller logged those Aussies, the latter with his local KIRO-720 on the air!

So there was a lot being heard back in that era, and a lot of reporters. But I'm not sure that the relatively open frequencies and the minimum sun spots were completely responsible. I cling to the feeling that conditions in general have deteriorated during the past 25 years. Maybe there is too much electrical interference in the air, or perhaps something has happened to the ionosphere. Or is it because so many of us use loops today, whereas we used long wires 25 years ago. And our Australian and New Zealand DXers, who still stick to long wires, are logging many U.S. and other stations 'round the world. Will we have to wait until 1997 (the next sun spot minimum) to find out?

I'll have more on the past in my next "Once Upon A Time." 25 years ago trouble was brewing in the MRC, and you might want to hear about those days. Stay tuned.

The Windsor Star  
-via Charles W. Reh

## Canadians like radio soft, contemporary

OTTAWA (CP) — Canadians listened to 18.8 hours of radio a week on average last year and the most popular type of station they tuned into was contemporary soft rock.

Anthony Young, project manager for radio and television tuning at Statistics Canada, said the weekly average has been stable the last six years, ranging between 18.4 and 19 hours a week.

A quarter of Canadians tuned into the soft-rock stations aimed at the yuppie generation, according to a three-week survey taken in the fall of 1987.

Middle-of-the-road stations, which include more pre-1960, cocktail and big band jazz songs than the soft rock stations, came second in popularity as 21.1 per cent of the population tuned in. Country stations came next at 11.4 per cent, album-oriented rock stations at 8.7 per cent, easy listening at 9.3 per cent, CBC at 9.0 per cent and top-40 hit stations at 6.8 per cent.

**WOMEN TEND** to listen to more radio than men, Young said.

"One can only speculate (on the reasons)," he said.

"Maybe (because) labor force participation for women is slightly lower than men, maybe they have more time

at home, or more free time."

Adult men listened to 19.6 hours of radio a week while women logged 21.7 hours — tuned mostly to soft rock and middle-of-the-road.

Teenagers spent 12 hours a week with the radio blaring mostly top-40 hits, soft rock and album-oriented rock. They avoided easy listening and CBC like the plague.

Children listened to 5.8 hours, mostly soft rock and top-40 music.

Radio listening habits also varied widely according to province, education and occupation, Young said.

**CENTRAL CANADIANS** spent most time with the radio on, with Ontarians listening to 19 hours a week and Quebecers 19.7 hours — the highest rate in the country.

Newfoundlanders spent only 15.1 hours with the radio while the other provinces ranged between 17.1 and 18.4 hours.

"Listening to radio might in part depend on the variety of options you have," Young explained. "In downtown Toronto you can pick up pretty well any type of music or talk show you want, which may stimulate listening time."

But in provinces with lower population densities, the smaller number of listening choices mean people just don't turn the radio on as much, he said.

Young said the same factors don't necessarily apply to television, where Atlantic Canadians log the highest number of viewing hours.

Cable television increases choices and there's also a theory that in areas with low population, people watch more television because there are fewer entertainment alternatives such as movie theatres, museums and parks.

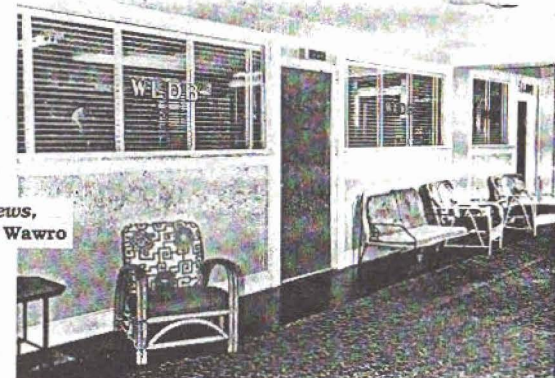
"There may not be a hell of a lot else to do," Young said, cautioning that these are just theories which Statistics Canada hasn't had the time or resources to study.

**THE SURVEY** also found the CBC's popularity increased with education and occupational level. University graduates preferred the CBC while country music ranked last.

High school graduates favored soft rock while the CBC and easy listening ranked lowest. Grade school graduates preferred middle-of-the-road and soft rock stations while album-oriented rock stations and easy listening trailed on their list.

*Ben Dangerfield*  
Ben Dangerfield

The lobby entrance to WLDB studios on the eleventh floor of the Atlantic City Senator Hotel is inviting and comfortably appointed.



from RCA's Broadcast News, October, 1959, via Wally Wawro

## WLDB

### ATLANTIC CITY'S NEWEST RADIO VOICE... REMOTE CONTROLLED

Atlantic City, New Jersey has a new radio voice—WLDB—owned and operated by Leroy and Dorothy Bremmer. The station is a fine example of progressive station management and planning, combining the best in technical equipment with efficient, close-knit teamwork.

Efficiency of operation is the keynote at WLDB. The studios, located on the eleventh floor of the Senator Hotel, one of the area's largest and best known hotels, overlook the city and the world-famed beach

area. From the windows, a million dollar panorama of the "World's Playground" meets the eye. The transmitting facilities are located on the edge of the city, in a less-congested area, and are operated entirely by remote control by means of the RCA BTR-5A Remote Control Equipment. This equipment, installed on the RCA BTA-250M transmitter, permits studio personnel to supervise the transmitter operation continuously as well as providing the necessary control facilities.

#### THE STUDIOS

The WLDB studios are designed for "finger-tip" efficiency. Excellent planning has provided a control and studio layout which lends itself to simple, straightforward operation with a minimum of complication. Three turntables are used, two RCA BQ-2A three-speed 16-inch turntables and, as an auxiliary unit, an RCA BQ-1A two-speed turntable. The smaller BQ-1A turntable is in regular use for recorded jingles, spots and themes.

John F. Moore, Station Manager, demonstrates operation of RCA BT-118 tape programming equipment.



Ken Mondelsohn, announcer "on mike" is surrounded with the finest RCA studio equipment.



### The Answer Man

Got a question about radio? Send it to Russ Edmunds - 753 Valley Rd. - Blue Bell, PA 19422-2052. No question is a dumb question, and Russ will answer all, from basic to highly technical. Watch for the answer in *DX News!*



Left to right: Mrs. Dorothy Bremmer and LeRoy Bremmer, station owners, with John Moore, Station Manager.



The use of the full-size RCA BC-2B Console lets maximum flexibility of operation, in that a full range of facilities is available to the operator. The ease of operation inherent in the design of the BC-2B is important, says Mr. Bremmer, since the announcer operates the control board during most of the operating day. The RCA RT-11B professional tape recorder is located directly to the rear of the control position, which permits immediate access by the announcer or engineer, who may change tapes without leaving the control board. The station makes considerable use of tape recording, and also has available a PT6-JAH portable recorder which is used for field interviews, re-broadcasts and the like.

#### PROGRAMMING PHILOSOPHY

Although Atlantic City is thought of primarily as a resort city, WLDB is not programmed as a "resort-town" station. Instead, Mr. and Mrs. Bremmer have planned a type of program schedule which appeals to visitors and permanent residents alike. Instead of featuring "pop" tunes, or classical selections, or any other single type program, a well-balanced selection of musical fare, augmented by a judicious choice of local and national news, sports, and public interest features presents WLDB's listeners with year-round entertainment. The program policy is intended to build a loyal audience which will continue to listen with interest throughout the day and evening, rather than tune from station to station in search of variety. "Block Programming" techniques are used, supplemented by a selection of programs from the Mutual Network.



(CENTER) William Stringer, Jr. cues Dave Van Sant for news cast on RCA 44BX mike.



(RIGHT) Dick Brewer cues the commercial on RCA 77-D mike with control of BC-2B Console.

## NRC AM Radio Log

The most up-to-date listing of domestic MW stations available, anywhere! 200 pages, three-hole punched. \$12.95 each, to U. S. NRC members; \$13.95 Canadian NRC members; others write.

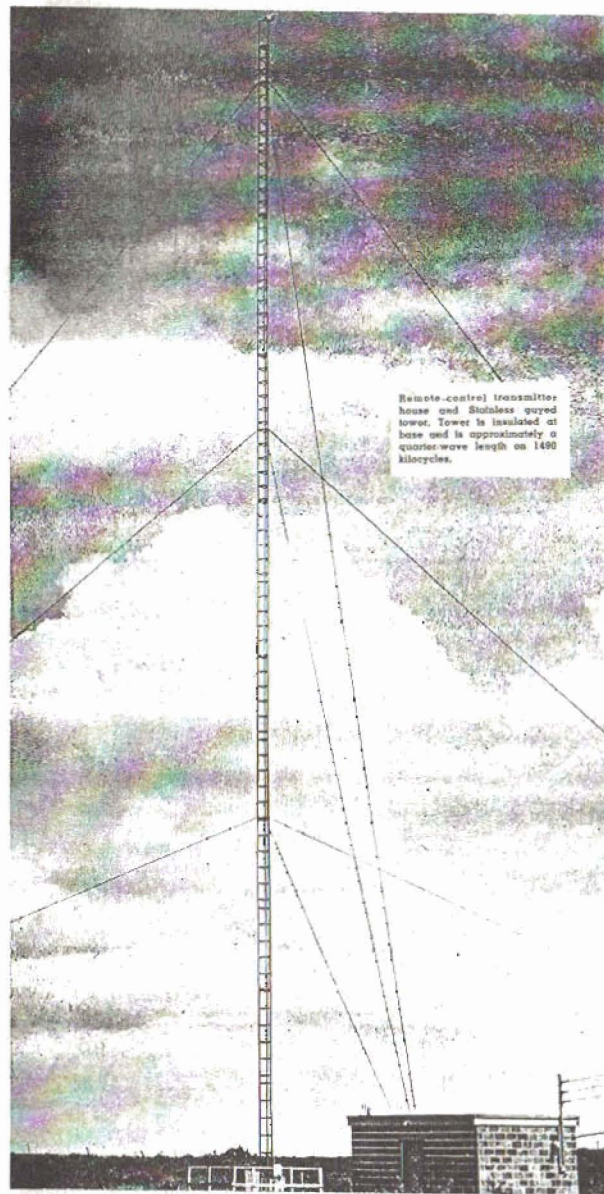
### THE TRANSMITTER AND ANTENNA SYSTEM

The transmitter is housed in a small, simple cinder block structure some thirty feet from the base of the 150-foot guyed, insulated tower. The tower base rests upon a 65-foot wooden piling sunk into the sand. This is, according to the Bremmers, the only guyed-type broadcast tower in Atlantic City, and represents a considerable engineering advance over previous techniques. It had been considered to be essential that self-supporting towers be used in Atlantic City due to the soft, sandy foundation soil typical of Absecon Island, upon which Atlantic City is located. The tower, which was designed and erected by Stainless Inc. of North Wales, Pennsylvania, is so constructed that an additional 100-foot section may be added at a future date, which would provide a 250-foot radiating structure. An excellent ground-radial system of all-new No. 10 copper wire in conjunction with the radiating structure provides more-than-adequate signal strength—reaching distant communities.

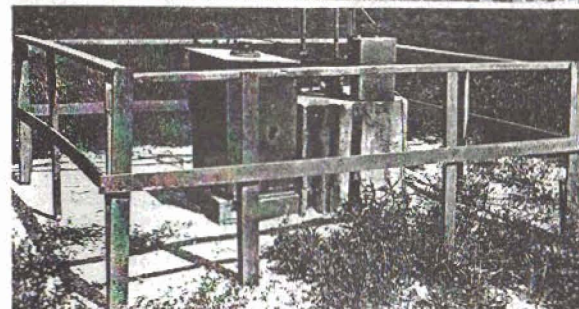
### A DEPENDABLE REMOTE-CONTROL SYSTEM

The BTR-5A Remote Control Equipment in use at WLDB permits the entire transmitter installation to be supervised and operated from the studio site, with only occasional visits to the transmitter building for routine maintenance. At the transmitter site the control portion of the BTR-5A installation is located in a cabinet rack which stands next to the BTA-250M transmitter, while the various actuators, meter shunts, relays and so forth are mounted on the transmitter itself. For ease of operation and maintenance the frequency and modulation monitors were permitted to remain at the transmitter site, thereby making them readily available to the Chief Engineer when he visits the transmitter for routine maintenance. The meter readings of the monitors are transferred to the studio through two of the BTR-5A circuits.

The BTR-5A permits the operator to read the transmitter plate voltage, plate current, antenna current and filament voltage, in addition to the previously-mentioned monitor readings. In addition, one circuit is available to indicate the current in the tower lighting circuit. The operator can control the tower lights, transmitter a-c power, filament voltage, and plate voltage, and can also reset the circuit breakers in the transmitter. The d-c control and metering circuits require only two low-cost control lines to the transmitter site, and the installation is impervious to sudden surges of voltage in the lines caused by lightning or static discharges. The WLDB tower has been struck by lightning several times without any loss of air time, and without affecting the remote control installation in any way. On one occasion, WLDB was the only station in Atlantic City to remain on the air during a severe storm. According to the Bremmers the BTR-5A installation, in conjunction with the equipment it controls, has proven itself completely and they rely on it to the full extent. WLDB has set an interesting style with its efficient remote-control Radio Broadcast facilities.



Remote-control transmitter house and Stainless guyed tower. Tower is insulated at base and is approximately a quarter-wave length on 1400 kilocycles.



Base of tower with line terminating unit (left) and tower lighting choke (right).



## Frequency Shifts ... by R. J. Edmunds

The recent discussions of pre-earthquake frequency shifts and radio frequency emissions warrants some further hypothetical discussion. Both Ray Cole (V56 #3) and Paul Sawyer (V56 #9) raise interesting points, however a distinction needs to be drawn between what has been actually observed, and what has been deduced from those observations.

The appearance of a frequency shift of 8 kHz., as suggested by Cole, may be only an appearance, as suggested by Sawyer. It becomes a shift only if the signal on the primary frequency is either eliminated or substantially reduced. Otherwise, it is an additional signal. I, too, would be inclined to doubt the probability of an actual frequency shift, although it may be possible. I am more inclined to accept the possibility of a shift in the readout of the receiver, perhaps induced by the same or parallel causes. A digital display, owing to its electronic nature as opposed to the mechanical nature of a tuning dial, is inherently more susceptible to external influences, and this could be the case here. It may also be interesting to note here, that in the two minor quakes of which I have experienced, there was a momentary surge in electricity in the main power lines at or near the time of the shocks. This, too, could either be a cause of a disturbance to an electronic readout, or a manifestation of induced electrical changes which might also cause a disturbance in electronic circuitry.

If there is a corresponding signal observed at 8 kHz. below the primary frequency as well, then the situation might be a parasitic radiation problem. Typically, these originate in the transmitter of the station, as a result of a malfunction, and the audio quality is poor. If, however, an emission of 8 kHz. is indeed present, then the result could be in the form of sum-and-difference emission, as noted by Sawyer.

The anomalous signal observed on 1228 kHz. could also be the result of higher order spurs, which might originate wholly within the receiver, within the antenna, wholly outside of the receiving system, or some combination of the three, in the form of some combination of receiver IF frequency, primary signal frequency, and spurious emission frequency. Since the quartz emissions would be without audio, the result would be that only the audio from 1220 would be apparent on any mixing frequency.

Since the VFO did not register 1228 kHz., it is logical to deduce that no frequency shift took place, and such an event would be entirely consistent with either an interaction with an electronic readout, as well as with receiver- or antenna-originated spurs.

Normally, an easy way to determine whether or not the signal in question originates externally is through the use of the antenna trimmer, or through a loop antenna. Owing to the close proximity of the spur to the primary frequency, the antenna tuner will be of no help. If the signal direction differs from that of the primary-frequency station, then that is evidence that a new signal is being radiated from an external source, regardless of whether the signal under scrutiny is a primary emission of a quartz deposit, or a reradiation of a mixing product of that signal and the broadcast signal.

The key issues to further narrowing down the possibilities are the existence of a signal on 1212 kHz., the direction of the observed signal, its audio characteristics, the characteristics of the remaining primary signal, and the types of receivers and antenna systems used.

As a postscript to the above, Cole's subsequent comments (V56 #11) raise several added questions, namely, that the equipment being used for the test, being of consumer grade, is more likely to be susceptible to external effects which might produce conditions which could easily be mistaken for something other than what they really are. Such equipment makes any accurate measurement of the reported phenomena most difficult. Secondly, the use of a Rustrak recorder begs the question of just what is being measured, as I am unaware of any method by which it could be used to measure this effect. The device is generally described as a recording ammeter, which, in BCB DX circles, has been utilized almost exclusively for recording the presence, and/or relative strength over time, of signals.

RJE  
12/12/88



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Report No. DC-1299 ACTION IN DOCKET CASE December 9, 1988

FCC REVOKES KKZU(AM), MOUNTLAKE TERRACE, WA, LICENSE  
(MM DOCKET 88-107)

Effective immediately, the Commission has revoked the license of KKZU(AM), Mountlake Terrace, WA, licensed to Radio Northwest Broadcasting Company.

On March 16, 1988, the FCC ordered Radio Northwest to show cause why its license for KKZU(AM) should not be revoked for violation of its rules. On January 16, 1985, Radio Northwest advised the FCC that the station was off-the-air due to financial problems. In February 1985 the licensee requested permission to remain silent for a period of 90 days. Subsequently, the licensee sought, and received, several extensions of its silent authority. Its authority to remain off-the-air, however, expired on August 15, 1986. A March 1987 inspection of the station's facilities by FCC Seattle, WA, personnel found the station vacant and silent. In April 1987 the Commission directed Radio Northwest to provide specific plans for the return to operation of KKZU(AM). The licensee indicated that it was attempting to find a buyer for the station. Neither an application for assignment of license nor an application for transfer of control of the license has been filed with the Commission.

Therefore, on March 16, 1988, the licensee was ordered to file a written notice of appearance. Radio Northwest has not filed a notice of appearance, and such failure, alone, constitutes a waiver of the licensee's right to a hearing.

By letter of May 20, the licensee advised Administrative Law Judge Joseph Stirmer that it would not oppose the action of the FCC to revoke its license and waived its right to a hearing. Thus, ALJ Stirmer cancelled the prehearing conference scheduled for May 24, and certified the case to the Commission.

Action by the Commission December 6, 1988, by Order of Revocation (FCC 88-397). Commissioners Patrick (Chairman), Quello and Dennis.

-FCC-

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