



# DX NEWS

The magazine of the  
National Radio Club

— SINCE 1933 —

Volume 57, No. 10 - Dec. 11, 1989 (ISSN 0737-1659)

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WADN-1120 Concord, MA will conduct a DX TEST on January 8, 1990 from 2:00 am ELT to 2:30 am ELT. Test will be conducted using 5000 watts Directional (basically west). Programming will consist of 1 kHz test tones, Morse Code ID's and vocal ID's by both male and female announcers. Correct reports will be verified by Mr. Michael Klein NVIL, WADN Radio, Damonmill Square, Concord, MA 01742 (or report via NVIL QSL Bureau). Arranged by Michael Kline with assistance from Peter George and the Colorado CPC Machine for the NRC.

WILD-1090 Boston, MA will conduct a DX TEST on January 22, 1990 from 2:00am ELT to 2:30 am ELT. Test will be conducted using 5000 watts non-directional. Programming will consist of 1 kHz test tones, Morse Code ID's and vocal ID's by both male and female announcers. Correct reports will be verified by Mr. Michael Klein NVIL, P.O. BOX 2181, Lynn, MA 01903 (or report via NVIL QSL Bureau). Arranged by Michael Kline with assistance from Peter George and the Colorado CPC Machine for the NRC.

WKMT-1220, P.O. BOX 1220, Kings Mountain, NC 28086 will be conducting annual Proof of Performance tests on Saturday morning January 6, 1990 from 0100-0300. The test will run at both 1000w and 105w non-directional. The program will consist of audio tones between 100 hz and 10,000 hz, white noise, music and both voice and Morse code ID's. The tests will be completed by 0300, and the station will be on automatic operation with interspersed Morse code ID's until 0600 when regular programs will resume with Southern Gospel Music. Direct all reports to Mr. Don Holtzinger, CE. Don would appreciate info on signal strength, band conditions and fading, co-channel and adjacent channel interference, and if you have C-QUAM Stereo whether or not the stereo light lights up! Arranged by Tim Hall and the Colorado CPC Machine for the National Radio Club.

## From the Editor ...

Wayne Heinen told me that the CPC was going to push me off the front page, and by gumbo they just about did! This is what your stamps have done for the NRC ... keep up the good work.

**DXChange** ... A 104-page trade paperback, *When Radio Was Boss*, is now available for \$9.95 plus .65 and \$1.40 mailing costs from Bill Earl and Associates - 633 N. Taylor Ave, Suite 18 - Montebello, CA 90640. Earl published *Dream House* earlier. This book covers 22 legendary west coast stations.

**Pub Dates** ... Remember, your next deadline for most columns will be Dec. 16 for the Jan. 1 issue, #12. You will *not* receive a DXN during the last week of December because we decided several years ago to avoid mail problems during the holiday season.

## DX Time Machine

### From the pages of DX News

Twenty-five years ago ... from the Dec. 5, 1964 DXN: Gordon P. Nelson, Watertown, MA reported that he was writing up an article for the use of direction-finding loops on the BCB which he termed "unique in the history of BCB DX" ... Bart Cronin, Eugene, OR checked in with the news that he was Asst. News Director of KUGN ... Hank Wilkinson, N. Hollywood, CA reported receiving his DXN's every Tuesday ... junior high student John Draut, New York, NY checked in with his first Musing and new stations heard: WRKL-910, CKRB-1460, WBIC-540, CHNS-960, WDCJ-1220, WONS-1410, and CFJR-1540.

Ten years ago ... from the Dec. 28, 1979 DXN: The LPC recognized these volunteers at the close of the decade: Ray Arruda, DDXD; John D. Bowker, AM Switch; Wes Boyd, Pattern Book; John Callarman, NRC Log; Ken Chatterton, Publications; John Clements, Q&A; Ernie Cooper, Musings; Carl Dabelstein, NRC B. of D.; Frank Dailey, Publications Officer; Russ Edmunds, DXChange; Don Erickson, DDXA; Joe Fela, Frequency Check; Bill Hale, GYA, Wayne Heinen, Verifications; Chuck Hutton, IDXD; Karl Jeter, Reprints; John Kromka, Contests; Norm Maguire, IDXA, Awards; Ron Musco, Membership; Dan Myers, Flash Alerts, and Neil Zank, CPC Chairman.

# AM Switch

**Jerry Starr**c/o WHOT Radio  
4040 Simon Road  
Youngstown, OH 44512-1320

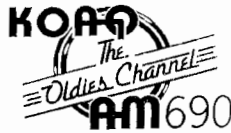
Status changes in AM stations, supplied by the FCC and NRC members

CALL LETTER CHANGES

NONE! However, we DO have a Call Comment: The FCC may have done it again. As reported here they have assigned KVOZ to the new 1550 station in Santa Fe, NM. Our records indicate that call still resides in Laredo, TX on 890 kHz. Bill Hale confirms this call is still in use there. What gives, FCC ???

APPLICATIONS FOR NEW STATIONS

1100 CA Bakersfield: 10000/1000 U4 (reapplication)  
1120 CA Nipomo: 1500/1000 U4  
CA Oceano: 3000/1000 U4  
CA San Martin: 10000/1000 U4



P.O. Box 1263 • Scottsbluff NE 69361 1263

GRANTS FOR NEW STATIONS

NONE

APPLICATIONS FROM EXISTING FACILITIES

540 KKJZ CA Hesperia: city of license to Costa Mesa, CA  
710 KBXG CO Denver: day power to 9000 watts  
840 KSDP AK Sand Point: to 830 kHz, same power/antenna mode  
860 WAEC GA Atlanta: add 500 watts nights  
1190 WANN MD Annapolis: operate auxiliary antenna site as main antenna site with 10000 watts (which would delete their CP for 50000 watts and application for 25000 watts)  
1380 KAGE MN Winona: day power to 4000 watts  
1520 WTLN FL Apopka: to 700 kHz with 10000 D3  
1580 WAMY MS Amory: reduce power to 1000 watts

GRANTS TO EXISTING FACILITIES

770 KPBC TX Garland: day power to 10000 watts, antenna to U4 (reported by at least one DC service as being for 1040 kHz but is for this CP, also see Otherness)  
900 WILC MD Laurel: add 500 watts nights, antenna to U4  
1150 KRVE CA Santa Rosa: night power to 5000 watts  
1280 WNAM WI Neenah: night power to 5000 watts, relocate XR  
1340 CFYK NWT Yellowknife: power to 4000/4000 (Canadians do not have the 1000 watt restriction on Class IV frequencies as long as signal field at the US border is equal to or less than it would be if the power of the Canadian station was 1000 watts. No problem with this station, hi)  
1580 WAMW IN Washington: day power to 500 watts, relocate XR

OTHERNESS

640 WWJZ NJ Mount Holly: zoning problems outlined previously have been cleared up and construction of this four-tower DA system expected to "start popping soon"  
770 KPBC TX Garland: station has been testing on this frequency from new four tower system with voice IDs as "Garland, Dallas, Fort Worth" Regular programming still being maintained on 1040 kHz  
820 WNYC NY New York: the long anticipated move here from 830 kHz is on schedule for "January 1990"  
1010 WGUN GA Atlanta: has dropped night operation, back to DI operation  
1110 CHPR ON Port Hawkesbury: station is silent, operations have moved to FM, CRTC has deleted this AM allocation  
1160 WMVI NY Mechanicville: station is now here ex-1170 kHz  
1230 WSJR ME Madawaska: station is SILENT  
1320 WLEE VA Richmond: station is back ON THE AIR again, has gone through several periods of silence already in the past few years  
1340 WLVC ME Fort Kent: station is SILENT

1410 WRNB AL Prattville: silent station is back ON THE AIR  
1490 KBOL CO Boulder: station was SILENT for a short period of time but has returned with reduced power, technical problems assumed

THANKS to the following NRCers who took the time to share Otherness items with the membership: WAYNE HEINEN, BILL HALE, DAVE SCHMIDT, ALAN MERRIMAN and some member who mails his/her contribution from Dallas, TX but fails to sign his/her name. Thanks anyway!

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

## FCC RULE PRIMER

JOHN D. BOWKER, 14 CANOE BROOK DRIVE, PRINCETON JCT., NJ 08550

In this DX NEWS series we are discussing specific FCC Rules of interest to the readers. If you have any specific questions or areas of interest, let the NRC Headquarters know. VIII.

VIII.  
FCC RULE SECTION 73.14

AM BROADCAST DEFINITIONS

Note: In an earlier column we covered the definitions from the FCC Rules of the AM Broadcast Band, an AM Broadcast Channel and AM Broadcast Station. Here are some of the other definitions in that Rule Section:

Blanketing "The interference which is caused by the presence of an AM broadcast signal of one volt per meter (V/m) or greater strengths in the area adjacent to the antenna of the transmitting station. The 1 V/m contour is referred to as the blanket contour and the area within this contour is referred to as the blanket area." Note: Rule Section 73.88 reads: "The licensee of each broadcast station is required to satisfy all reasonable complaints of blanketing interference within the 1 V/m contour."

Critical Hours "The two hour period immediately following local sunrise and the two hour period immediately preceding local sunset."

Daytime "The period of time between local sunrise and local sunset." Note: There is a companion definition for "nighttime".

Experimental Period "The time between 12 midnight local time and local sunrise used by AM stations for tests, maintenance and experimentation."

Intermittent Service Area "The area receiving service from the groundwave of a broadcast station but beyond the primary service area and subject to some interference and fading."

Left Signal "The electrical output of a microphone or combination of microphones placed so as to convey the intensity, time, and location of sounds originated predominately to the listener's left of the center of the performing area." Note: Elsewhere there is a companion definition for "Right Signal".

Main Channel "The band of audio frequencies from 50 to 15,000 Hz which amplitude modulates the carrier." Note: This does not mean there can be no transmission of sound below 50 Hertz nor above 15,000 Hertz although other rules define a certain 'rolloff' for audio above 10,200 Hertz.

Primary Service Area "The service area of a broadcast station in which the groundwave is not subject to objectionable interference or objectionable fading."

Secondary Service Area "The service area of a broadcast station served by the skywave and not subject to objectionable interference and in which the signal is subject to intermittent variations in strength."

White Area "The area or population which does not receive interference-free primary service from an authorized AM station or does not receive a signal strength of at least 1 mV/m from an authorized FM station."

Our next column will highlight the FCC Rules on Classes of AM Broadcast Channels. In response to reader interest, we will go into a bit more detail than we covered in Part V of this series of articles.

# Station Address Changes

**Jerry Starr**  
c/o WHOT Radio  
4040 Simon Road  
Youngstown, OH 44512-1320

Supplied by NRC members and other sources

570 WMBS PA UNIONTOWN	Zip Code Change Only - 15424	III-CA
600 KLLS AZ FLAGSTAFF	Zip Code Change Only - 86002-0640	TH-CA
600 CFCH ON NORTHON BAY	Postal Code Change Only - P1B 8K8	TH-CA
640 WJTZ TN BLDUNTVILLE	640 RADIO WAY, SUITE 286-B 37617	RV-VA
790 WTSK AL TUSCALOOSA	Zip Code Change Only - 35405	TH-CA
800 CJBQ ON BELLEVILLE	Postal Code Change Only - KBN 5B2	TH-CA
810 WQIZ SC ST. GEORGE	BOX 903, ST. GEORGE, SC 29477 or 4995 LACROSS ROAD, CHARLESTON SC 29418	JW-CO
820 W6GM VA CHESTER	Zip Code Change Only - 23237	TH-CA
840 KVEG NV NORTH LAS VEGAS	4180 SOUTH PECOS, # 100 89121	TH-CA
850 WYDE AL BIRMINGHAM	90 BAGBY DRIVE, SUITE 310 35209	EB-GA
870 WHOU NY ITHACA	Zip Code Change Only - 14851	TH-CA
900 WBXT OH CANTON	1918 FULTON ROAD, NW 44709	GHD-WV
930 KIUP CO DURANGO	Zip Code Change Only - 81302	TH-CA
930 WKDS NH ROCHESTER	P.O. BOX 130 03867	RV-VA
950 WCIN MD CABIN JOHN	7825 TUCKERMAN LANE, SUITE 211 POTOMAC, MD 20854	EB-GA
950 WBBF NY ROCHESTER	500-B FORMAN BLDG., MIDTOWN PLAZA	TH-CA
990 WEZO NY ROCHESTER	3136 SOUTH WINTON ROAD 14623	AR-PG
1010 KCHJ CA DELANO	Zip Code Change Only - 93216	TH-CA
1010 KXEN IL FESTUS-ST. LOUIS	P.O. BOX 8085, MITCHELL, IL 62040	EB-GA
1040 WSKS PA EVERETT	Zip Code Change Only - 15537	TH-CA
1060 WCFB MS TUPELO	Zip Code Change Only - 38802	TH-CA
1130 KQFK NM MILAN	BOX 83, GRANTS, NM 87020	JW-CO
1150 WONG MS CANTON	1150 SOWELL ROAD 39046	CR-ON
1160 WCCS PA HOMER CITY	Zip Code Change Only - 15701-1000	TH-CA
1170 KUGT MD JACKSON	106 FARRAR DRIVE, CAPE GIRARDEAU, MO 63701	EB-GA
1170 KPUG WA BELLINGHAM	2340 EAST SUNSET DRIVE, P.O. BOX 1170 BOX 657 48707	TH-CA
1250 WQOX MI BAY CITY	P.O. BOX 7230 19803	BW-MI
1290 WJBR DE WILMINGTON	4222 WEST CAPITOL DRIVE, # 1290 MILWAUKEE, WI 53216	RV-VA
1290 WMVP WI GREENFIELD	15851 DALLAS PARKWAY, # 1200 75248	JW-CO
1310 KAAM TX DALLAS	424 16th STREET NORTH 35203	JW-CO
1320 WAGG AL BIRMINGHAM	P.O. BOX 1080 92343	TH-CA
1320 KHSJ CA HEMET	BOX 971 38358	CR-ON
1360 WWHY TN MILAN	Zip Code Change Only - 32678	TH-CA
1370 WCCA FL OCALA	1616 WARREN AVENUE 82001	EB-GA
1370 KSHY WY CHEYENNE	P.O. BOX 1400 170 4H9	TH-CA
1400 CKOB ON RENFREW	P.O. BOX 209 14048	TH-CA
1410 WDOE NY DUNKIRK	Zip Code Change Only - 85252	TH-CA
1440 KOPA AZ SCOTTSDALE	PENN STATE ERIE THE BEHREND COLLEGE OFFICE OF STUDENT ACTIVITIES UNION STATION ROAD, ERIE, PA 16563-0906	GHD-WV
1450 WPSE PA ERIE	RR #2, BOX 431	TH-CA
1470 KYUU KS LIBERAL	P.O. BOX 1490 K7S 3R1	TH-CA
1490 CKGA ON ARNPRIOR	3701-A NW 9th AVENUE FT. LAUDERDALE, FL 33309	JW-CO
1520 WEXY FL WILTON MANORS	Zip Code Change Only - 37620	TH-CA
1550 WBCV TN BRISTOL	P.O. BOX 1981 41707-5981	BW-MI
1560 WYZD KY HAZARD	9112 S. WESTNEDGE AVE., KALAMAZOO, MI 49002	TH-CA
1560 WHEZ MI PORTAGE	** Address in Logbook is no good **	TH-CA
1560 KTXZ TX WEST LAKE HILLS	Zip Code Change Only - 21204	RV-VA
1570 WFEL MD TOWSON	P.O. BOX 1570 R06 2X0	TH-CA
1570 CKMW MB WINKLER		

\*\*\*\* CONTRIBUTORS \*\*\*\*

TH-CA .. TIM HALL, CHULA VISTA, CA	RV-VA .. ROBT. VANCE, FT. BELVOIR, VA
GHD-WV .. G. HARLEY DeLEURE, HENDRICKS, WV	BW-MI .. BOB WALKER, WIXOM, MI
JW-CO .. JOHN WILKINS, WHEAT RIDGE, CO	CR-ON .. CHARLES REH, LEAMINGTON, ON
EB-GA .. ERIC BUENEMAN, WOODSTOCK, GA	AR-PG .. ANDY RUGG, NUN'S ISLAND, PG

# Domestic DX Digest - East

**William Hale**  
734 Burleson  
San Marcos, TX 78666

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

## MEDIUM WAVE rAmblings

- It's imperative that you include state/province & city data along with your loggings. Time constraints (and sometimes patience-hi) limit my ability to be searching my Log for that stuff. Future reports sans that info will be returned. Also, for standardization, please indicate the date with the month first, ie: 12/10 equals December 10. Some dates become confusing when the day is less than 13, and reports could be from two different months. Let's tighten up!
- What with all this perestroika, glasnost and softening of the hardline policies in Communist Eastern Europe, I wonder if any of that will drift across the Atlantic and singe the beard of our island neighbor off Florida's coast? Possibly some easing up in the jamming/cold war on the radio waves here in the Western Hemisphere will result. Let's hope so.
- Upcoming DDXD-E deadlines are as follows:
 

Issue 12	Dec 16 (get 'em here fast!)
Issue 13	Dec 23 (Merry Christmas)
Issue 14	Dec 30 (Happy New Year)
Issues 15 thru 21	(Just Saturday)
Issue 22	Mar 3 Issue 23 Mar 17
Issue 24	Mar 31 Issue 25 Apr 21
Issue 26	May 19 Issue 27 Jun 16
Issue 28	Jul 14 Issue 29 Aug 11
Issue 30	Sep 8 (That's all for Vol 57)



POST OFFICE BOX 879  
ST. JOSEPH, MISSOURI 64502

## SPECIAL

- |      |      |    |  |
|------|------|----|--|
| 760  | KNCI | KS | OVERLAND PARK - 11/18 1300-1430 new station testing; fair & alone with OC; ID & ET announcement @ 1301 and about 1320; signal slightly weaker than WHB-710; are these correct CLs? I got 'em as KBCB, but may have missed a CL change-Ed.J; is the power 6Kw as per Log? (DB-IA)   |
| 1270 | WMKT | MI | CHARLEVOIX - 11/15 0623 good with We deliver 24 hours-a-day, we're Market Radio, all business, AM 1270 WMKT->nx hi-lites; ex:WKHQ; new for me (SA-MB)  |
| 1550 | KVKI | LA | SHREVEPORT - per phone call to station, this is correct call, not KIVK as reported in AMS many moons ago; stn is affiliated with AP Radio and has a Solid Gold format; sked is 0700-0100 ELT; programming is separate from KVKI-FM (CR-ON)   |
|      | WCLY | NC | RALEIGH - 11/10 1845 ending REL program sponsored by The Walk of Faith Ministries of Raleigh; then had call ID by female: This is the Triangle's gospel music force, Gospel 1550, WCLY; listed as WSES in Log (yup, mine sez that-Ed.J but have never seen a CL change reported in AMS; Broadcasting YB shows as WCLY, so CL must be at least a year old (CR-ON) |

## UNIDs AND UNIDs Id'd

- |      |      |    |  |
|------|------|----|--|
| 990  | UNID | ?? | -11/15 0420-0505+ good with deep fades with adult standards; many Star 9-90 slogans, no ID or local ads; probably missed 0500 ID while searching for WFLD ID (DS-WI) |
| 1330 | WDLZ | MI | FLINT - most likely Niel Wolfish's unID of 10/8 (Issue 6); ex:WTRX & non-ids as DLZ-Rock (CR-ON)   |
| 1340 | UNID | ?? | -11/11 2204 fair with wx, with high of 60'; mention of WPIL Football Playoffs on Q99 FM, non-ID as Q-99 so obviously a simulcast->rock mx, then faded (MS-ON)        |
| 1380 | UNID | ?? | -11/16 2310 sudden breakthru of two men talking in FF, FF mx, no ID hrd; probably CFDA, but maybe CHLR; frequency before this sounded like a 6Yer! (DT-ON)           |
| 1580 | WAMJ | IN | SOUTH BEND - definitely Niel Wolfish's non-ID of 10/18 & 19 (Issue 6); they have a VAR format: polka, talk, sports (CR-ON)   |

## DX/EQUIPMENT TESTS

- |     |      |    |  |
|-----|------|----|--|
| 680 | CJOB | MB | WINNIPEG - 11/20 0317-0400 XLNT, equipment repairs, was on & off; also hrd OC & TT from time to time (SA-MB) |
| 990 | unID | ?? | -11/20 0301 poor with TTs in various pitches; best when looped E/W (SA-MB)                                   |

## FM Station Address Book, 3rd Edition

ONLY \$9.95 (Canada, US\$10.45) to the Pub Center (Foreign orders, please write for price)

\*Listed by state, city \* Includes Canadian Stations \* 8.5x11 inches, 3-hole punched \* Full-size type

## MIDNIGHT TO MIDDAY

550 WKRC OH CINCINNATI - 11/10 0016 with Cyndi Lauper tune, 0020 non-ID & wx 4Cast; poor in WGR null (NjW-ON)

580 WCHS WV CHARLESTON - 11/6 0056 with Larry King, 0100 MBS Nx, 0105 ID, P.A. more LK; fair with neighbour CKEY-590 off the air (NjW-ON)

590 WMBS PA UNIONTOWN - 11/7 0056 with NFL Talk after Monday Night FB; 0059 promo for Pitt Panthers FB broadcast; 0100 jx, ID, CBS Nx, 0105 nx & sports final with Jim Morgan; poor+fair with CKEY off the air (NjW-ON)

650 CKOM SK SASKATOON - 11/11 0626 had 60s & 70s Oldies (Eric Clapton, Beach Boys, Moody Blues); end of wx 4cast; Today's high will be minus 8 and right now in Saskatoon it's ???. Now more of the greatest hits of all time on 65 CKOM; fair with WSM nulled (CR-ON)

670 WMAQ IL CHICAGO - 11/20 0317 strong with TC+local area nx, lots of MAQ slogans; during CJOB's testing dominated frequency (SA-MB)

690 CKBF1 SK GRAVELBOURG - 11/20 0319 strong with CLA mx+CKSB-1050; dominating frequency during CJOB's test time (SA-MB) [The Log has this listed as CKBF1, so what's the goin' on here??-Ed.]

790 WVAZ RI PROVIDENCE - 11/10 0030 with New England wx, WVAZ-Providence, The Classical Station by man+CLA mx; poor in null of CIAO OC with WTAR/CKSO/presumed Cuban (NjW-ON)

WTAR VA NORFOLK - 11/10 0106 with WTAR Radar Weather, TC, tune by Neil Diamond; poor with WVAZ in CIAO OC (NjW-ON)

920 WMEL FL MELBOURNE - 11/6 0048 with wx report (74); fair (WPT-DC)

970 CKCH PQ HULL - 11/20 0313 poor with man in FF doing TX [??-What does that mean, traffic??-Ed.] on Quebec; new & PQ #12 (SA-MB)

980 CKRM SK REGINA - 10/30 0420 with wx w/ment of Regina, -7+C&W mx; fair under WONE (DS-WI)

1110 WUHN MA PITTSFIELD - 11/9 with sign-on, BBD mx (Glen Gray & his Casa Loma Crew); poor over CKTY (DT-ON)

1150 KASH MN ALBANY - 11/13 0707 fair with The Farm Market Report sponsored by The ?Latt? Company on Hwy 23, 1 mile east of Hwy 10; after TC (6:10) and temp (24' had ads for a Texaco dealer in Cold Spring and Archie's in St Cloud; lost @ 0715 with WCUE power boost; catch #60 on 1150 (CR-ON)

1170 CKGY AB RED DEER - 11/18 0747 fair with promo for Ken of the Country Club; slogans; IDs as:KG Country or CKGY 104; C&W mx (SA-MB)

1230 CJLB ON THUNDER BAY - 11/11 0651 very briefly above the humber; partial annct: ... in Thunder Bay. It's 6:51 @ AM-1230, CJLB; also had some mention of the Spirit of the Lakes District (CR-ON)

1240 WMFG MN HIBBING - 11/15 0705 good with Tutti Frutti by Little Richard followed by wx 4cast: 2" of snow with a hi of 29 and a lo of 0 to +10; after extended wx 4cast, annct currently at WMFG it's cloudy with 24'+Aretha Franklin's Rescue Me; MN #60 (CR-ON)

WJON MN ST CLOUD - 11/15 0639 briefly over WJIM with stn promo during which they gave CLs three times (my kind of station); then had TC & temp: At 5:40 it's 31' in St Cloud [gee, 7' warmer than Hibbing, hi-Ed.] (CR-ON)

WJMC WI RICE LAKE - 11/15 0655 fair with The WJMC Farm Report; then an ad for M.L. Anderson & Son in Barron followed by wx 4cast for northwest Wisconsin (CR-ON)

1250 WGL IN FT WAYNE - 11/10 0015-0033 with Larry King, MBS Nx, local ads; poor until 0029, topped WEMP + an unID (DT-ON)

1260 WNDE IN INDIANAPOLIS - 11/10 Midnight-0034 with Oldies @ :00, AM 1260 WNDE ID; poor under WRIE/WNDR (DT-ON)

1310 WMTG MI DEARBORN - 11/15 0215-0220 with OLD by-phone requests; fair, dominates 1310 here! (DT-ON)

WTLB NY UTICA - 11/9 0713 w/Your Oldies Station WTLB by female, TC, birthdays; poor with CIWW (NjW-ON)

CIWW ON OTTAWA - 11/9 0710-0735 w/Classic Hits, W-1310, mx by Bruce Cockburn, The Beatles & Rolling Stones; ads for MacLean-Hunter Cable TV, Sears, Shell, Global Television Network, & Wedgewood Building Corporation; nx @ 0730 read by John Ross; fair with WTLB/WNAE (NjW-ON)

1330 WSSY IL EVANSTON - 11/13 0800 w/ID, promo for Peter Popov(?) pgm+pgm hosted by Peter Masters; poor with WFIN/WEYZ/etc (NjW-ON)

1440 WNFL WI GREEN BAY - 11/15 0440-0510+ with satellite oldies! WKFY-FM Kaukauna; many FM 104.9/1440 AM slogans; legal ID (for both stations) @ 0500; fair with WROK looped (DS-WI)

KFH KS WICHITA - 11/13 0134-0153 w/numerous AM 1330 KFH non-IDs, oldies by Tommy James, George McCrae, Bob Dylan, etc; poor with WEYZ; finally hrd this one, it was a huge pest in Winnipeg! [This covers 1330 down here @ nite-Ed.] (NjW-ON)

WDL2p MI FLINT - 11/13 0744-0756 with Z-Rock format playing AC/DC & other heavy metal Rock; no ID hrd, but I did hear an ID on 11/11 while driving thru Flint; poor with WEYZ/etc (NjW-ON)

WFIN OH FINDLAY - 11/13 0730-0803 w/1330 AM-Country WFIN with nx read by Terrylin Shea, sports with Len Allen, C&W mx, ad for a Pontiac dealer on County Road 95; poor with WEYZ/WDLZ/WSSY (NjW-ON)

1380 WSYB VT RUTLAND - 11/16 0107-0119 with AC On the air, everywhere, WSYB over/under CKLS; poor (DT-ON)

CKLS ?? -11/16 ROK singing break by female:CKLS; battling with WSYB, no CKPC! (DT-ON) [Don, my Log doesn't show a CKLS on 1380. I've got CKLS on 1240 in LaSarre and they're in FF. Did they move to 1380? If so, I must've missed that one-Ed.]

1460 KLTC ND DICKINSON - 11/15 0650 strong with polka mx & PSA for Dickinson & area (SA-MB)

1550 WTSJ IL MORRIS - 11/5 0127 w/Jim Bohannon, 0130 ID & MBS Nx; poor (NjW-ON)

1560 KCJJ IA IOWA CITY - 11/13 0054 w/AdCon by Stephen Bishop, Kansas, .38 Special; promo & ID @ 0100; poor (NjW-ON)

WQXR NY NEW YORK - 11/13 0039 signed off @ this time (NjW-ON)

WTNst OH COSHOCTON - 11/7 0748 w/C&W mx, man with wx, ad for Ferris Buick on Hwy 36 in Coshocton; poor with WQXR (NjW-ON)

## MIDDAY TO MIDNIGHT



610 CHNC PQ NEW CARLISLE - 11/7 2311 fair in FF with sports including NHL & local HKY scores, NFL FB scores, mentions of Telemundo Sports (MS-ON)

640 WWLS OK NORMAN - 11/14 1910 fair with sportstalk (PLB-MI)

690 WZAP VA BRISTOL - 11/13 1631 fair with local PSA giving mailing address on Route 4 in Bristol, Tenn (adjacent to Bristol, VA)+pgm called Church Time (MS-ON)

730 WPIT PA PITTSBURGH - 11/12 1630 good with slogan Pittsburgh's Inspiration Station, 73 WPIT followed by TC & Tri-State Wx (MS-ON)

750 WPDx WV CLARKSBURG - 11/12 1622 good with C&W mx & annct mentg Song number 10 on the Big X - WPDx; Bridgeport PSAs (MS-ON)

860 KOSE AR OSCEOLA - 11/14 1915-1930 good over/under CJBC with a radio auction program, phone #563-6402, items for bid from businesses in Osceola & Blytheville (PLB-MI)

880 WRFD OH COLUMBUS-WORTHINGTON - 11/11 1707 fair with ContChr mx, Reaching Out ID as:880 WRFD message from a pastor (MS-ON)

900 WMJZ MI GAYLORD - 11/10 1725 mixing it up with WFRO with end of Michigan (didn't hear enuf to tell if State or U of) FB promo; next had TC, CLs & John Doremus doing ad for ??? Custom Cabinets; then into A Whiter Shade of Pale by Procul Harum (CR-ON)

920 KDHL MN FARIBAULT - 11/8 2319-2373 with local election results & several Minnesota cities ment'd, ad for KDHL Cruise, C&W mx; poor (DT-ON)

940 WKGM VA SMITHFIELD - 11/11 1653 good with FB, car dealer ad for Portsmouth, sports scores, mention of Pirates Radio Network, local ID @ 1658 as: WKGM Smithfield-Norfolk-Newport News (MS-ON)

950 WAKM TN FRANKLIN - 11/14 1815 with ad for Hardcastle ?? Co.; ID:With studios off ??? Road ... AM 950 Radio, Franklin, then+motor racing nx; on PSSA under WWJ (CR-ON)

970 WMVN MI ISHPHEMING - 11/10 1715 good with sign-off; has REL format and address given for station differs from Log; AM-97, Box 381, Ishpeping, MI 49849; phone:485-5566; gave sign-on as 0600 so uses PSRA but not PSSA or nite phone (CR-ON)

WKHM MI JACKSON - 11/10 2213 with Detroit Pistons BKB ending, ad for mentioning Jackson & Jackson County, ID:The Sports Voice of Jackson 970, WKHM; fair, in WEBR null (MS-ON)

WANV VA WAYNESBORO - 11/11 132 good with C&W mx & WANV Waynesboro annct (MS-ON)

990 WZZD PA PHILADELPHIA - 11/14 1636 under WWCM with The WZZD-990 Shadow Traffic Report+ad for Day Spring Greeting Cards available at Fox-Chase Christian Book Store; 1st time hrd since 1962 during their Wibbage days as WIBG; PA #220 (CR-ON)

1000 WLNL NY HORSEHEADS - 11/14 1642 fair with country GOS song & contest promo WLNL announces the Turkey Gobbler Contest (MS-ON)

CKBW NS BRIDGEWATER - 11/8 0000-0012 with nx, Canadian items, Star Country C&W; over WLUP until 0003 (DT-ON)

1020 WJEP GA OCHLOCKNEE - 11/15 1745 with sign-off by female; QTH of XR [given as] 6 miles south of town; fair under old geezer KDKA (WPT-DC)

WRIX SC HOMELAND PARK - 11/15 1728 with sermon by male, gospel song, sign-off; fair+poor under KDKA; 2 newies within 17 minutes! a tough channel for newies (WPT-DC)

1040 WSGH NC LEWISVILLE - 11/14 1715 with nx, sign-off; fair over/under WHO; tentative on 12/12/86 @ 1623, now definite (WPT-DC)

1070 WKOK PA SUNBURY - 11/11 1647 with OLD Bring It On Back & slogan: Stereo 1070 CHOK; good in CHOK null (MS-ON)

WJNA VA CHARLOTTESVILLE - 11/14 1634 fair with detailed local nx, mention of WJNA's First News, local ads & wx (MS-ON)

8  
1110 WHIM RI EAST PROVIDENCE - 11/9 2305-2315 with C&W mx, local ads, Town & Country WHIM slogan; over WBT/CKTY @ 2313; fair→poor (DT-ON)  
1240 CJCS ON STRATFORD - 11/13 1702 fair with local nx, wx right now is 15T in Stratford. CJCS Newtime is 5:06 (MS-ON)  
1250 WEMP WI MILWAUKEE - 11/11 1704 fair with Milwaukee's Oldies Station WEMP→Dance to the Music by Siy & The Family Stone (MS-ON)  
1260 KWYR SD WINNER - 11/7 2145-2201 with automated C&W mx, ID @ 2200; under local WQJQ (PLB-MI)  
1290 WMVP WI GREENFIELD - 11/15 2332-2346 with talk show, WMVP Weather: poor under CJBK (DT-ON)  
1300 WQBK NY RENSSELAER - 11/10 1623 fair with TLK→message from the City of Troy about recycling followed by a win-a-trip thing to Los Angeles and San Francisco sponsored in part by Meisterbrau beer, Crime Stoppers, USAir & NewsTalk 1300, WQBK (CR-ON)  
1330 WADJ PA SOMERSET - 11/12 1612 fair with Music & more for Somerset County, promo for Radio Classified pgm (MS-ON)  
1340 WCVI PA CONNELLSVILLE - 11/11 1907 poor with nx ending followed by sports, local wx & annet:AM 1340, WCVI (MS-ON)  
1370 CFLV PQ VALLEYFIELD - 11/7 good in FF with sports @ 2251 & ID by female:CFLV, Valleyfield @ 2258 (MS-ON)  
1390 WRSC PA STATE COLLEGE - 11/14 1650 fair with CNA Insurance Co ad & WRSC Stock Report (MS-ON)  
1420 WXGM VA GLOUCESTER - 11/7 1740 with nx, U of Virginia FB promo; fair→good; ex:WDDY (WPT-DC)  
1430 WBRB MI MOUNT CLEMENS - 11/10 2105 with nx ending...This has been NewsWrap on 1430 WBRB→instrumental EZL mx; fair in CJCL null (MS-ON)  
1440 WGIG GA BRUNSWICK - 11/8 1730 with nx by female; fair→good (WPT-DC)  
1450 WJPA PA WASHINGTON - 11/12 1606 fair with football, station break with program promo by female mentioning ? to 11 right here on Washington's favorite radio station, 1450 WJPA (MS-ON)  
1460 WBNS OH COLUMBUS - 11/11 1859 fair with mention of Columbus Marathon, promo for Browns FB; The Voice of the Buckeyes-AM 1460 WBNS (MS-ON)  
WBUC WV BUCKHANNON - 11/12 1604 fair with WBUC Weather, promo for American Country Countdown right here on BU Country...WBUC; country GOS hrd later may also have been them (MS-ON)  
1490 WABJ MI ADRIAN - 11/13 1600 with 1490 WABJ by male, wx by female; poor signal, briefly over CFPS (MS-ON)  
1550 WYNX GA SHYRNA - 11/15 1700 poor with ID, promo for presentation Drugs and the Devil (MS-ON)  
1590 WASB NY BROCKPORT - 11/9 1923 fair with call IDs:The new WASB & WASB, the brightest spot in Brockport→very inept-sounding DJ says the station is looking for a new DJ, ...no experience necessary. We'll train you. Just call WASB @ 589-4743 and tell us you wanna be a DJ and in no time at all, you'll be a DJ just like me; Heaven forbid; catch #80 on 1590 (CR-ON)  
1600 WRWL NY NEW YORK - 11/13 2320-2341 with B:GOS, Reverend Ike pgm with phone # & NY address; poor under 2 others (DT-ON)

### REPORTERS:

PLB-MI PHILIP BOERSMA//Spring Lake, MI//Realistic SCR-15, built-in antenna  
WPT-DC WILLIAM TOWNSEND//WASHINGTON, DC//ICF-2010  
MS-ON MORRIS SORENSEN//Port Carling, ON//HQ-150 + SM-2 Space Magnet  
CR-ON CHARLES REH//Leamington, ON//R-390A, S-40A, Sanserino Loop, 40" phased loop, Realistic TR-3000 open reel  
DT-ON DON TRELFOURD//Scarborough, ON//DX-440  
NjW-ON NIEL WOLFISH//Willowdale, ON//R71A + LW or ICF-2010  
DB-IA DOUG BEARD//Springville, IA//old Motorola portable  
SA-MB SHAWN AXELROD//Winnipeg, MB//R-70 + 3' Box Loop or 100' LW + Mini-Tun-3  
DS-WI DOUG SMITH//Madison, WI//Superadio II

### SOME ABBREVIATIONS & SPECIAL SYMBOLS USED IN DDXD-E

TT:test tones OC:open carrier TC:time check RS:regular schedule QRM:interference QTH:location SID:singing ID CID:code ID jx:jingle mx:music nx:news wx:weather SSB:Star Spangled Banner LSR:local sunrise SRS:sunrise skip LSS:local sunset SSS:sunset skip PSRA:Pre-Sunrise Authority PSSA:Post-Sunset Authority HS:high school FB:football BB:baseball HKY:hockey KB:basketball :OO: on the hour |l: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 EZ:easy listening UC:urban contemporary AP:Associated Press Radio UPI:United Press International MBS:Mutual Broadcasting System USRN:United Stns Radio Net NPR:National Public Radio MCRN:Music Country Radio Net IRN:Interstate Radio Net

**TALKRADIO**  
KLIF 1190 AM

73, Bill

# Domestic DX Digest - West

**Wayne Heinen**

4131 S. Andes Way  
Aurora, CO 80013  
(303) 699-6335 (prepaid only)

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

Something that got lost in the computers a few weeks back: MY sincere thanks to JEFF TYNAN for backing up the column during my vacation and for his continued support in editing it with me!

Just a few reminders. This column like all other columns in DX News has all dates & times listed in ELT. Contributions over 30 days old will usually be cut. Deadlines are "in my mailbox" by Saturday one week before the Topeka deadline. Real HOT Tips may be phoned in, but you're taking your chances of getting me or the "machine" on the line. (My FIDO Node is 1:104/108. I usually check my BBS on Sat. or Sun. prior to publication)

### SPECIAL!

550 KLLV CO Breen  
11/22 1858 fair to good u/KOY with Focus on the Family program. (ex-1560). CO #82 (JT-CO)  
560 KLZ CO Denver  
11/20 2000 Today was the day. No more C&W. Now "KLZ-rock". At least the letter call fit! Heavy Metal Z-Rock Network (WH-CO)  
630 KHOW CO Denver  
11/20 0516 noted off thru 0530. Nothing Id'able. #\$\$%^\$&! (OW-CO)  
1150 KFRR CO Englewood-Denver  
11/24 1845 Noted spurs at 1166kHz and 1134kHz. Stations signal has been of very poor quality. Call to Station indicates they're using 1kw Day Non-DA and 1kw Night DA. They were unaware of spurs but are having severe XMTR problems. Also, Format is NOT SS, SS is 0700-1400, remainder is UC and TLK w/ emphasis on Public Service and anti-gang programs. (WH-CO)  
1340 KDEN CO Denver  
11/20 2230 Noted w/ BRN talk show. Has added some BRN features to their normal all Nx format (WH-CO)  
1360 KASH OR 11/14 drops old "Money Radio" & evening // KFIV-102.3 format for "The all new Newstalk AM 13-60" carries TalkNet after 1900. (RT-CA)

### Midnight to Midday

550 KCRS TX Midland  
11/24 0757 TxSNxN News to 0800 legal ID and into local news. Mucho slop from KLZ-560 (WH-CO)  
580 KMJ CA Fresno  
11/24 0806 On top with the KMJ Ag Report (WH-CO)  
790 KFYO TX Lubbock  
11/24 0814 C&W mx, local spots, w/2 DJ's one with heavy W. TX accent atop most of the AM (WH-CO)  
890 KVOZ TX Laredo  
11/24 0818 Local news w/ TSN features. local spots in EE and SS 0825 into KVOZ Sx. (WH-CO)  
1110 KTEK TX Alvin  
11/24 0745 Wx to Texas Grass Roots Coalition feature. local spots 0753 "Tell a friend about KTEK, Houston's Christian Radio" (WH-CO)  
1260 KTUE TX Tulia  
11/24 0854 Tx State Nx Net News to legal ID 0900 (WH-CO)  
1340 KWWW WA Wenatchee  
11/19 0100 ID poor o/ others (NH-WA)  
1340 KQIL CO Grand Junction  
11/20 0550 Fair i/ QRM w/ KDEN on MM SP. C&W Mx, Call ID's. (OW-CO)  
1370 KSOP UT S. Salt Lake City  
11/20 0525 Noted w/C&W mx, call ID's KSOP-FM 25 Anniversary promo. Good on peaks (OW-CO)  
1390 KGER CA Long Beach  
11/21 0125 End of "Morning Chapel Hour", local Spot, ID, then "Haven of Rest", Fair at best w/KENN. (OW-CO)

**WFBR**  
· 1300 AM ·  
GOOD TIME ROCK 'N ROLL

- 10**  
 1400 KSUN AZ Phoenix  
 11/20 0540 Julio Iglesias, other Latin Pops. "Radio Fiesta" slogan's & Call ID's. All in SS; 0602 legal ID in EE/SS. Fair on peaks semi-regular lately. (0W-CO)
- 1400 KTUC AZ Tucson  
 11/20 0553 CBS prgm "Nightwatch"; legal ID 0559; local Spot; CBS Nx @ 0600 Not often hrd here. (0W-CO)
- 1400 KIUN TX Pecos  
 11/24 0630 Rooster Crow and full data s/on and into local news (WH-CO)
- 1470 KUTY CA Palmdale  
 11/21 0122 Spot for jewelry buyer (1-800 #) Dolly Parton Song. Alone on the freq, briefly w/ fair signal. (0W-CO)
- 1490 KQTY TX Borger  
 11/20 0455 C&W mx, "Stereo 1490 AM KQTY" ID's (0W-CO)

**Midday to Midnight**

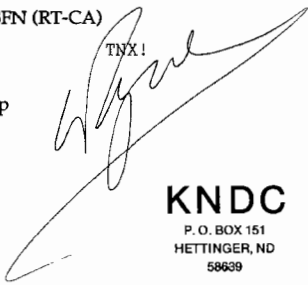
- 690 KRCO OR Prineville  
 11/15 2015 Mentions of OR State Univ, OR Fish & Wildlife, ads, Wx, Stock report, more ads and clear ID. Great Signal o/XETRA, some CBU fade in, usually XETRA dominates. (RT-CA)
- 730 KRVC OR Medford  
 11/15 2100 slogan "Christian Radio for the 90's, V-73", mx w/ID @ 2103. Equal to or over CKLG. (RT-CA)
- 810 KTBI WA Ephrata  
 11/17 1930 w/elaborate s/off "...KTBI is the most powerful AM radio station in East Washington between Seattle & Spokane." invited listeners w/in 40 miles to tune to 95.9 KGDN, Good w/KGO nulled. (NH-WA)
- 880 KMFR OR Phoenix  
 11/17 2133 Dominant w/ "Country 88" and "Heart of the Country" slogans, promo for Country Countdown prgm. Usually KKMC dominates. (RT-CA)
- 940 KWBY OR Woodburn  
 11/17 end of C&W mx, 1911 ID, Local ads. Fair o/KFRE then faded (NH-WA)
- 940 KWBY OR Woodburn  
 11/15 2114 Clear u/KFRE w/ID, C&W mx, BC'ing school spot ending w/ "Call us at Cowboy Country 981-9400 for more information" (RT-CA)
- 1000 KRHS AZ Bullhead City  
 11/22 2022 poor w/CWM. ad for True Value Hardware in Laughlin. AZ #48. (JT-CO)
- 1090 KBOZt MT Bozeman  
 11/18 1857 thought I hrd "10-90 KBOZ" followed by Eagles song, signal disappeared @ 1900 (likely pattern chg) before any ID was hrd. Poor in KING null. Much wanted for NRC contest. (BH-WA)
- 1130 KBMR ND Bismarck  
 11/11 1812 ad, 1813 ID & ad, C&W Mx, Excellent w/ CKWX nulled (NH-WA)
- 1140 KMMZ WY Greybull  
 11/18 1832 atop, w/wx by man for the region ending w/ Greybull and Basin. 1834 lady thanking listeners for mail.. C&W mx.. maybe SMN.. lost to NOS format station probably KGEM (BH-WA)
- 1230 KBAR ID Burley  
 11/16 2000 ID slipped thru u/ pause of KZZR. (NH-WA)
- 1230 KZZR WA Burns  
 11/16 2000 ID by woman then ABC Nx, Excellent o/ the mess (NH-WA)
- 1240 KNRY CA Monterey  
 11/19 2100 CBS Nx (TV) promo, "Lakers BKB today on your sx leader for the central coast, KNRY, Monterey" Very good. (NH-WA)
- 1240 KFLY OR Corvallis  
 11/18 2202 ID "It's 7 o'clock w/ Terry Nelson on 1240 KFLY, Corvallis-Albany" on top. (NH-WA)
- 1240 CJAV BC Port Alberni  
 11/18 2100 ID into local Nx, wx. 2106 "CJAV-1240, Cable 104.1 & Jingle. Good, haven't hrd them in years. (NH-WA)
- 1340 KLKI WA Anacortes  
 11/18 2030 ID then Mutual Nx u/ the group. (NH-WA)
- 1340 KLKI WA Anacortes  
 11/18 2020 o/u KAPA, good at times, OLD format, nice legal ID @ 2030 then MUTUAL Nx. First logging since they were KAGT years back. (BH-WA)
- 1380 KLTZ AZ Parker  
 11/20 2235-2245 well atop the channel with NOS, to ID at 2245. Rare here (WH-CO)



- 1390 KCRC OK Enid  
 11/23 2315 Noted w/ automated EZL/NOS Id "KCRC 13-90 AM" (WH-CO)
- 1400 KBFN CA Berkley  
 11/17 2000 "Money Radio" slogan then legal ID. (NH-WA)
- 1400 KNND OR Cottage Grove  
 11/15 2005 call ID, into local Nx w/ID's in reports, o/KBFN (RT-CA)

**CONTRIBUTORS:**

- (BH-WA) Bill ("Dad") Hardy - Aberdeen, WA FRG-7, Radio West Loop  
 (JT-CO) Jeff Tynan - Parker, CO  
 Sony-2002 w/JT5-B Loop  
 (0W-CO) John Wilkins - Wheat Germ, CO  
 R-1000, 2'6" loop  
 (NH-WA) Nancy ("Mom") Hardy - Aberdeen, WA  
 FRG-7, Radio West Loop  
 (RT-CA) Rich Toebe - Pleasanton CA  
 ICF-2010, Grundig 3400  
 (WH-CO) Wayne Heinen - Aurora, CO R-390A, RBB-4, Radio West-TRF-655, 4' NRC loop



## CPC Report

**Wayne Heinen**  
**Jeff Tynan**  
 4131 S. Andes Way  
 Aurora, CO 80013

*Courtesy Programs Committee activities*

As we continue to roll through the DX Season, we thought we'd give you an update. First of all thanks to the Colorado CPC Machine supporters! Bob Harrison, Tim Hall, Kurt A. Nelson, Howard G. Kemp, Charles C. Harrison, Robert Tiara, Hank Holbrook, R. Millar and Ron Musco. By December 1, 1989 over 100 CPC letters will have left the Machine HQ.

Targets have been used from the states of SC, NC, VA, MN, MD, IL, GA, TN, KY, IN, MD, PA, MA, PR, LA. Some are "by suggestion" and some are by choices of things Jeff & I would like to hear!

To date we've concentrated on Saturday, Sunday & Monday mornings through mid February. Our next push will be late February through April. These letters will be mailed after the Holiday rush season so there is plenty of time for you to send your targets and stamps to "The Machine".

Two recently scheduled tests, WABN-1120 and WILD-1330 are credited to Michael Klein. Mike is an avid Ham (NVIL) who contacted the Colorado CPC Machine. The Machine wishes to thank NRC'er PETER GEORGE of WBET for passing along the info of where to find the CPC Machine to Mr. Klein! The Credit for the tests belongs to Peter George and Michael Klein. The Machine extends our thanks to both these fine gentlemen for these tests!

We would like to see stamps for 100 letters or more arrive in time for mid January mailing. We're ready to donate the labor, time and material. For the curious, material includes gasoline, letterhead, envelopes, printer ribbons and follow up postage and phone calls. If you're ready to back us up with the target stations and the stamps! We are really in need of YOUR INPUT as to the targets. Being somewhat selfish, we've been picking the stuff that we need to add to OUR logbooks. When picking targets we try to avoid stations that are listed as NSP in the NRC log. If you would also let us know the best morning from YOUR location, YOU will have a better chance at hearing the station.

Sincerely,

The Apple Pie, Jeff & Wayne

# International DX Digest

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

- 830 CUBA R. Taino 0030-0130 10/22 all English with music and Thanksgiving talks. Blowing away everything on channel - easily heard like a local even on cheap transistor radio. (Zacher)
- 830 UNID 0615-0630 11/6 organ music medley of old pop, piano mx with guitar, anncr in SS, sounded like "Radio Savannah" (wOke me from doze!), then SS music and anncr "la musica Habana", poor reception, which Cuban is this? (Trelford) I'd guess Taino "Tah-eee-no" which might be your "Savannah" but I've never noted them with SS - Chuck
- 1170 UNID 2334-2339 11/20 SS man and woman talking, Colombia mentioned several times, short snatches of music and what may have been commercials. Covered WVA until 2339 and disappeared, was a no reception night here (rain), not even some of the usual clear channels coming in! WVA very weaknt did come in. Could this be the one reported by Jim Renfrew in 11/13 issue? (Trelford) Caracol Cartagena (Renfrew's reception) is easily the most common LA on 1170 here - Chuck

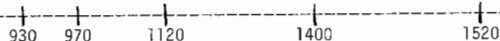
Don Trelford - Scarborough, ONT DX440, LW  
Jim Zacher - Elgin, IL RCA Globetrotter

## CITY QUIZ

John S. Bowker, Valparaiso, IN

QUIZ # 42

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?



Here is a hint; it is one of these: Buffalo, St. Louis, Oklahoma City  
(The answer will appear at the end of the next City Quiz in DX News.)  
The answer to City Quiz #41 Cleveland

## News service sign-off increases concerns about competition

Lost \$55 million

TORONTO (CP) — A sombre, skeleton staff worked the Newsradio broadcast network yesterday as it prepared to sign off the air amid fears it end would seriously reduce competition in the radio industry.

"I feel like a victim," sighed John McCracken, a senior editor for the last six years with Newsradio, which had provided audio and written news for about 100 radio stations across the country.

"I get more choked up now that the end is near," said reporter Julie Rosenberg, sitting atop a desk in a near-empty newsroom. The writing was on the wall — literally — for Newsradio and its staff yesterday: Under an "On the air" sign outside a broadcast booth, someone had tacked up a note that read "Well ... kind of."

The end for one of Canada's three major radio networks actually came two weeks ago when CKO, the all-news national radio network, abruptly went off the air. Its nine stations across Canada had lost \$55 million in 13 years.

Newsradio, a CKO subsidiary, went down with its parent along with 225 jobs in both companies. Newsradio was almost in the black and could have prospered if debt-ridden CKO had not dragged it down, said a frustrated John Brownlee, Newsradio's general manager.

Private radio stations now have only two broadcast news services to choose from: Broadcast News, the broadcast affiliate of The Canadian Press, with more than 500 clients; and the smaller Standard Broadcast News, with about 100

clients.

"Broadcast News is going to create a monopoly, it's going to be the only news service in the country and that's not good for broadcasting," Brownlee warned in a bare-bones production room.

That's because Standard Broadcast News is likely to be forced out in a few months, leaving Canadian radio listeners with just "one sound," he said.

But Wayne Waldroff, general manager of Broadcast News, said he doubted the radio industry — hit hard by cuts in advertising — would allow only one radio network to take over.

Broadcast News has picked up some Newsradio clients, many of whom sought out the company to

supply them with service, said Waldroff, adding he doesn't believe either network will become complacent.

"There has to be a place for competition."

Standard Broadcast News said yesterday it had signed an agreement with Rogers Broadcasting to provide service to Rogers' 20 radio stations, primarily in British Columbia, Alberta and Toronto.

"There is competition because we're there," said Standard's general manager, Ken Whitehurst.

Standard Broadcast News, owned by Toronto-based Standard Broadcasting Corp., is also planning to expand in Saskatchewan and the Maritimes, Whitehurst said in an interview.

**The Winnipeg Free Press**  
-via Shawn Azelrod

radiolaurentides

ST-JEROME  
ST-AGATHE  
ST-ROVINE  
cjer900 cja1230 cks1400

3 est, rue Principale, Ste-Agathe, Qc J8C 1J2

# Target DX

Jim Renfrew  
61 Wilcox Street  
Rochester, NY 14606-3832

DX'ing 'smart', with shared tips and requests by NRC members

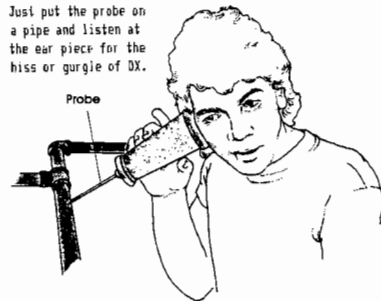
One of the most exciting things that has happened to me is when a hard-to-hear region comes booming in on several frequencies at once. In November, 1982 I heard WMT-600 IA, KSJB-600 ND, WIND-560, WDAF-610 MO, and WOI-640 three nights in a row with great strength on frequencies that are usually blocked. Some of these have been heard at other times, but never had I noticed so many coming in so well from the plains. The cream of the cream was KSJB, giving me my first North Dakota verification.

While specific regional windows are impossible to anticipate, some DXers have observed that it pays to look for DX in bunches when it comes in at all. In this edition of "Target DX" we welcome Wayne Heinen's observations about "The Pipeline Effect."

"An interesting condition that exists here in the Denver metro area is this pipeline effect. It is found during slightly auroral conditions. I have developed 'indicator' stations that I tune for. One that I use a lot is KABC-790; another is KUTY-1470. When these stations are found to be dominating their respective channels, I start to scan frequencies where I still have unlogged stations from this region. By noting other DXers' loggings and observations from your region, you may find a pattern that is related to some other phenomenon. Although my research is incomplete, this Arizona-Southern California effect appears to happen during the moderate upward swing in the A-Index."

How to Check for DX

Just put the probe on a pipe and listen at the ear piece for the hiss or gurgle of DX.



While the A-Index is a well-known indicator of DX conditions, Wayne also points out that weather systems can also provide clues for reception conditions. Says Wayne, "The Canadian Cold Front" is not just a weather term, but a BCB DX term. When a large polar air mass is moving into the Denver area, signals from the north appear to dominate. Loggings of stations from Canada, Wyoming and Montana will abound during these conditions. I have some key indicators that I will tune for, just like the AZ/CA pipeline. Usually, the cold front is very cold when compared to the current temperature. The effect seems to occur when a drop of 20 degrees is experienced. I check on two things that appear to effect propagation: the weather (and predicted weather for 72 hours) and the A-Index. Over the past few years, my observations, along with those of John Wilkins and Jeff Tynan, have allowed us to develop some indicated patterns of propagation changes as they relate to weather and A-Index."

Advice to beginners about identifying the pipelines in your region involves some basic band-scan observations coupled with collaboration among neighboring DXers. (Yes, it sometimes pays to be non-solitary in the pursuit of DX!) A normal band-scan (on paper or in your head) can serve as a base-line for making daily observations. In a particular session DXers like Wayne go down the band, noting any departures from the norm. They begin to draw initial conclusions about the unusually favored regions and then move over to regional want-lists for the rest of the session.

Thank you, Wayne, for sharing your observations with all of our readers. I invite others to describe the pipelines that have been discovered at other locations, and the indicators that herald their arrival. Your contributions will be a welcome addition to Target DX.

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

Jim

## Making the UnID an ID ... by R. J. Edmunds

### Part Three

Turn on your radio, and tune it to the frequency of any local station. What do you hear? Some of you will hear that local station, while others will hear an unID. Depending upon how long you listen, and the identification practices of the station you chose to listen for, at some point, all of you will be certain to have heard a legal ID from that station.

If I turn on my radio, and tune to 1060 kHz., I know that I'm hearing KYW within the first 30 seconds. In just the same way, when I was actively DX'ing TA's in Northern New Jersey in the late 1960's and through much of the 1970's, I knew that when I heard a certain signal on 1586 kHz. that it was Langenburg, West Germany. I was once asked by a well-known veteran DX'er from the 1930's, how I knew that. I responded by asking him how he knew he was listening to WABC when he tuned 770 kHz. (He lived less than ten miles from the transmitter, and had done so for much of his life.) The only reply I ever got to that was "... but that's different...". I'm still not so sure that it is.

What I wish to do here is to make the point that to my way of thinking, each DX'er can and should set their own standards for how they DX, what they count, how, and why. All of this should be without regard for what I think (as stated above) and equally without regard for what anyone else (editor, neighbor, friend or whomever) thinks or does either. Whatever it takes, the DX'er needs to know that he or she has heard such-and-such a station, beyond all reasonable doubt. With that in mind, I can proceed to outline some sample techniques and theories to apply in pursuit of ID'ing your unID's.

I prefer to divide the so-called non-ID's into two groups, generic and specific. A generic non-ID is something like "Stereo 1340", which tells you nothing, because you knew you were on 1340, and any number of stations are stereo, and if you had a receiver capable of receiving stereo, you knew that already, too. Another example is "Oldies 1260". You knew that after a couple of songs anyway. Another is "15-Q", which could conceivably cover any station with a Q anywhere in its call, between 1450 and 1590 kHz. (An FM simulcast non-ID of "FM-100" is equivalent, in that it could be anywhere from 99.5 to 100.9 MHz.) My favorite, though is something like "1490 Radio". You could do that without ever turning on the radio.

A specific non-ID is, as you might suspect, specific to a given station's identity, usually its call letters. Forgive me for using examples from the past, but such things as "Wimmex" (WMEX - 1510, Boston), "Whistler" (WSLR - 1350, Akron), "Wall" (WALL - 1340, Middletown, NY), "Chum" (CHUM - 1050, Toronto) or "See-How" (CHOW - 1470, Welland, Ont.) are, to me, quite descriptive. Any of them would be sufficient to convince me of what I had heard, and without further ado. In this way, I differ from what seems to be a trend in both AM and FM DX circles. Similarly, it's not always necessary for me to have a full legal ID, either. Often just a part of it suits me, depending on the circumstances.

When it comes to unID's, though, let's face it; you aren't familiar with the station, and the signal may or may not be of good quality. Therefore, depending on your standards, and on the strength and clarity of the signal, and on the other information you may already have accumulated, you may or may not want to hold out for a full legal ID. That's your choice.

As I indicated earlier, it's risky to consider format to be a stand-alone indicator of what station you're hearing, and that the same goes for a generic non-ID. The combination of those two doesn't change that. If these are too little, and a full, legal ID is sometimes too much, what else is there? Local advertisements are one source of useful information, as are local public service announcements. Local news items may help. Station call-in promotions or contests may yield a station phone number. All of these items, plus others not noted here, can be leads for the DX'er to work with.

WJMI-FM & WOAD-AM

## GCC Meeting on AM's Future ... by Robert Horvitz

(via Pete Kemp)

The FCC held an unusual day-long "en banc" session on 16 November to hear six panels of experts talk about the current state of AM broadcasting in the United States and ways to improve it. A total of 26 speakers discussed technical, economic and regulatory issues, interference, receivers, stereo, and how best to use the expansion band (1605-1705 kHz). If anything emerged from the meeting, it was a clearer picture of AM's deterioration, and the feeling that even radical changes might not be enough to save it.

Since this meeting was requested by the NAB, they staffed the first panel, which tried to set the day's agenda. William R. Sanders, chairman of the NAB's Radio Board, urged the Commission to support H.R. 2714, "The Radio Broadcasting Improvement Act of 1989." That would require manufacturers to include AM stereo on any receiver which has FM stereo, limit the use of translators by FM stations, and allow "homesteading" in the AM expansion band. David Hicks, the Radio Board's vice chairman, urged the Commission to tighten its interference rules, and relax its station cross-ownership rules.

The second panel discussed receivers, and featured spokesmen from Delco, Motorola and Panasonic, plus Art Suberbielle of KANE in Louisiana, the chairman of the NAB's AM Improvement Panel. Suberbielle said AM broadcasters were willing to give millions of dollars of free airtime to promote the virtues of high-quality receivers, if only manufacturers would make them. But newly-appointed FCC Commissioner Andrew Barrett asked the manufacturers on the panel if they thought consumers would spend the extra bucks to buy AM receivers of higher quality. "In our experience, no," replied Robert Finger of Panasonic. Finger was the first speaker to state explicitly that technical improvements might not be enough to cure AM's problems.

William Gilbert of Delco felt that reducing interference was more important than promoting stereo. He opposed legislation that would require AM stereo on receivers, and instead urged the Commission to use the expansion band to reduce adjacent-channel splatter below 1605 kHz by selectively reassigning existing stations to the higher channels. Many panelists throughout the day favored this sort of "thinning out."

Frank Hilbert of Motorola pushed stereo, specifically C-QUAM, arguing that it made stations sound better even on mono receivers. Stations tend to upgrade their entire audio chain when they go stereo, he explained, and the investment boosts staff morale, making the programming feel more upbeat. The lack of an official stereo standard in the US is hurting AM, he said: only about 13% of US stations have gone stereo, while in Australia, which has an official standard, the figure is more like 50%. He mentioned that adding AM to a mass-market FM receiver only increases manufacturing costs about \$0.50-\$2.00. Since Motorola plans to further integrate the audio stages of both tuners, the cost of AM stereo would be even less in the future, he added.

Commissioner Quello seemed to deflate the whole stereo issue when he asked if there were any figures on the profitability of stereo versus mono stations. Suberbielle replied that near as he could tell, advertisers were no more willing to buy ads on stereo than on mono stations. Even Hilbert had to admit that he didn't "have any examples of anyone failing who then became successful after adding stereo." NAB vice president John Abel acknowledged it was unlikely that the 50% of AM stations which are currently operating at a loss could afford stereo even if they wanted to. However, Art Suberbielle said he thought all AM stations should be required to go stereo, and be given a tax credit for doing so.

The third panel focussed on use of the expansion band; it was dominated by requests for set-asides for special interests. Three of the five panelists represented daytime-only stations: they felt daytimers should have priority in getting fulltime licenses in the expansion band. David Honig of the National Black Media Coalition argued that half of the new band should be reserved for minority broadcasters, since only 2.7% of existing radio stations were minority-owned. Tom Kigin, representing KNOW-AM and KSJN-FM, public stations in Minnesota, thought 20% of the new band should be for noncommercial broadcasting. He also said that nighttime skywave



coverage--as in "clear channel" broadcasting--was an "anachronism" and should not be encouraged in the new spectrum. (For purely physical reasons, the expansion band has strong skywave propagation potential, which could be developed for regional coverage and improved service to remote and rural areas.) However, Arthur Okun and Wayne Vriesman put in good words for skywave broadcasting in subsequent panels. Vriesman represented the Clear Channel Broadcasting Service (CCBS).

After a lunch-break, the panel on technical and assignment issues brought out some important points unrelated to the topics they were supposed to address. Wallace Johnson noted that the US still hasn't ratified the Final Acts of the Regional Administrative Radio Conference which expanded the AM band. He urged the FCC to lean on the State Department to get the Senate to ratify the document, which has treaty status. Arlen Diamond of KSMU told a bit about his research into "psychological barriers" which stop people from listening to AM even after they are shown that the signal quality can be made almost indistinguishable from FM. And FCC Chairman Alfred Sikes raised many an eyebrow when he asked if narrow-band FM (NBFM) should be allowed in the "AM"--more accurately called the "mediumwave"--band. Apparently a request for experimental authorization has been received from a station that wants to try it.

The last two panels both looked at "AM Improvement and the Future." Richard Harris, the chairman of Group W, made a strong presentation, backed by his chain's conspicuous success. He spoke bluntly of AM stations as "an endangered species." It's come to the point, he said, where "one has to ask: is it worth fixing?" His answer: yes, to preserve diversity. "A lot of what ails AM, and what will cure it, is programming." His proposals: require stereo broadcasting; require manufacturers to produce high-quality receivers; encourage local origination of programming and forbid AM/FM simulcasting; remove all limits on multiple AM station ownership, and allow firms to own two or more AM stations in the same market. He cited Los Angeles as an example--Group W has a station there whose news coverage is city-wide, even though its signal coverage isn't.

Richard Blackburn, a station broker, for some reason seemed uncomfortable appearing before the Commission, but his insights into the economics of AM made a big impression. He noted that the market value of an AM station, with coverage comparable to an FM station in the same market, is generally about 20% of the FM station's. There is no interest in the investment community in buying into AM, he said, and no interest in having AM be more competitive with FM. The one positive suggestion he made was to allow stations that had to put up directional antennas, to protect another station from interference, to buy the other station and combine the coverages. When Commission Quello asked him if he thought "homesteading" in the expansion band by existing daytimers had a reasonable chance of success, he replied succinctly: "No."

The one encouraging presentation in the final panel was by Paul Syczak, from the Corporation for Public Broadcasting. Syczak said public broadcasters are getting interested in AM because of the congestion in the FM noncommercial sub-band. He described some innovative AM public stations already on the air, such as KBRW in Barrow, Alaska. Since public radio's strength is news and informational programming, and that's a known successful AM format, public stations could help "fertilize" the rebirth of AM, he asserted.

Looking back over the whole day, this observer was struck by how many of the ideas put forward by the NAB at the outset were undermined, even discredited, in the discussion which followed--particularly the emphasis on technical fixes, and stereo as a panacea. It was also clear that the broadcasting industry has abandoned Mark Fowler-type deregulation and faith in the wisdom of the marketplace. Many panelists called for such extreme extensions of regulation that constitutional questions might be at stake.

One wonders what the Commission will do in 1990, when rules for the expansion band are put forward, and whether the Congress really will start to legislate the capabilities of radio receivers. Receiver capabilities, after all, have been almost completely free of regulation since the earliest days of radio.

KGO, 810 kHz has been authorized by the FCC to continue operation until construction of new towers to replace those destroyed and damaged by the earthquake, to operate non-directionally from the last standing tower (the #3 northernmost tower) with 50 kW day, 25 kW during critical hours and 12.5 kW at night. KGO is a US class I-B station.

The station is awaiting finalization of bids from tower vendors, so this operation may last until early February, 1989. This should give AM DXers an opportunity to hear the station who would not be able to do so normally. Although the operation of the station is stable, the nighttime power reduction has caused a severe loss of signal strength in locations favored by the main lobes of the KGO pattern.

I may send a few photos I have to Jerry \*, as the only one he has was the one from Radio World. I managed to get to San Francisco a day after the quake at about 1:00 PM. The Chief Engineer of KGO, Bruce Schirmer, had been up for about 38 hours continuously working to keep things running, along with Herm Stahlberg, at the KGO transmitter. The station went off the air at 5:04 in the quake and lost the center and south towers. Although the north tower still stands, it has damage - it's about 4 feet out of plumb at the top - and will have to be dismantled.

Strangely, the only tower remaining was the only one without a 50 kW non-D line tuning unit. In normal directional operation the north tower is fed very little power, so a small 1 5/8 inch transmission line is all that was in place. The feedpoint impedance is a lot different in directional operation, so a lot of quick work was needed to get back on the air. Even so, the transmitter was up about 15 minutes before the studio was ready to send program audio at about 6:03 PM.

From the time the station went back on the air, actions were taken to improve the signal. 450 feet of 3 1/2 inch transmission line was stretched from tower 2 to tower 3 to enable 50 kW operation. 25 kW was the most that the 1 5/8 inch line would take. The first 12 hours, the station was on the air with about 12 kW, then 25 kW after the line terminating unit was returned, and 50 kW after the 3 1/2 inch line was installed.

All of the scrap steel from the fallen towers has been removed.

The plan now is to rebuild towers 1 and 2. Change operation to tower 1. Rebuild tower 3. Adjust and proof the new array.

Sounds pretty simple now, but the folks on site have done a remarkable job through this entire situation. Grey O'Dell literally put the studios back on the air single-handed. Racks fell over and damaged audio equipment, so that was no easy task either. Most of the folks who were working stayed on - some 36 and 48 hours continuously to get information out. While the country saw the reports from KGO-TV, most San Franciscans did not, because there was no electricity. Battery operated radios got the news through.

Although the cellular telephone system did not do too well through the event, the wired telephone system stayed intact, for the most part, for local calls at least. This made the job of collecting information a lot easier.

### 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 25¢ 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!

# Graveyard Achievements

Distance records attained on 1230, 1240, 1340, 1400, 1450, and 1490 kHz

## William Hale

734 Burselson  
San Marcos, TX 78666

1230 kc

Prior to Jan 1, 1960

Date of last update: Apr 1, 1989

WAUD	AL	Auburn	Don Kaskey	Galva, IA	875
WBFB		Enterprise	Don Kaskey	Omaha, NE	315
WHPB		Huntsville	Gene Allen	Vallejo, CA	1596
KIFW	AK	Sitka	Gene Allen	Vallejo	1442
KSUN	AZ	Bisbee	Roy Millar	Bellevue, WA	1297
KGPH		Flagstaff	Don Kaskey	Galva	1022
KGAN		Kingman	Don Kaskey	Galva	1136
KRIZ		Phoenix	Don Kaskey	Galva	1116
			Roy Millar	Bellevue	(Tie)
			Gene Allen	Vallejo	1666
KCON	AR	Conway	Roy Millar	Bellevue	1673
KFFW		Ft. Smith	Frank Wheeler	Bellevue	1746
KBTM		Jonesboro	Frank Wheeler	Bellevue	1746
KERO	CA	Bakersfield	Laurie Boyer	Dunedin, NZ	7116
KWTC		Barstow	Roy Millar	Bellevue	920
KIBS		Bishop	Roy Millar	Bellevue	735
KXO		El Centro	Laurie Boyer	Dunedin	7119
KDAC		Ft Bragg	Roy Millar	Bellevue	569
KGFJ		Los Angeles	Laurie Boyer	Dunedin	7077
KPRI		Paso Robles	Don Kaskey	Galva	1418
KFRD		Redding	Roy Millar	Bellevue	485
KVEC		San Luis Obispo	Ernie Cooper	Brooklyn, NY	2567
KWG		Stockton	Roy Millar	Bellevue	669
KRAI	CO	Craig	Roy Millar	Bellevue	882
KDZA		Denver	Laurie Boyer	Dunedin	7870
KEXO		Grand Junction	Roy Millar	Bellevue	909
KLCV		Leadville	Gene Allen	Vallejo	860
KDZA		Pueblo	Stan Morse	Essexford, MA	1787
KGEK		Sterling	Frank Wheeler	Ernie, PA	1217
WGGG	FL	Gainesville	Frank Wheeler	Ernie	869
WEAR		Pensacola	Roy Millar	Bellevue	2227
WJNO		West Palm Beach	Ralph Sperry	Fairfield, CT	1010
WBIA	GA	Augusta	Roy Millar	Bellevue	2322
WBLJ		Dalton	Frank Wheeler	Ernie	570
W50K		Savannah	Frank Wheeler	Ernie	694
KDZA		Waycross	Don Kaskey	Galva	1059
KBAR	ID	Burley	Laurie Boyer	Dunedin	7657
KORT		Grangeville	Roy Millar	Bellevue	276
KRXX		Rexburg	Laurie Boyer	Dunedin	7786
WJBC	IL	Bloomington	Frank Wheeler	Ernie	474
WQVA		Moline	Don Kaskey	Galva	267
WHCO		Sparta	Laurie Boyer	Dunedin	8448
WTCJ	IN	Hammond	Don Kaskey	Galva	426
WBOB		Tell City	Don Kaskey	Galva	563
KFJB	IA	Terre Haute	Frank Wheeler	Ernie	422
WHIR		Marshalltown	Laurie Boyer	Dunedin	8473
WHLN	KY	Danville	Gene Allen	Vallejo	2036
WHOP		Harlan	Don Kaskey	Galva	758
KLIC	LA	Hopkinsville	Frank Wheeler	Ernie	538
KSLO		Monroe	Laurie Boyer	Dunedin	8114
WTH	MD	Opelousas	Laurie Boyer	Dunedin	8017
WMNB	MA	Baltimore	Don Kaskey	Galva	1017
WMPC		North Adams	Frank Wheeler	Ernie	351
WSOD		Worcester	Frank Wheeler	Ernie	338
WSTR	MI	Lapeer	Frank Wheeler	Ernie	191
KYSM		Sault Ste. Marie	Frank Wheeler	Ernie	363
KWNO	MN	Sturgis	Frank Wheeler	Ernie	277
WCMA		Hankato	Frank Wheeler	Ernie	713
WHSY		Kiefer River Falls	Frank Wheeler	Ernie	887
WSSO		Winona	Frank Wheeler	Ernie	602
WAZF	MS	Corinth	Frank Wheeler	Ernie	697
KLWY		Hattiesburg	Hank Holbrook	Chevy Chase, MD	867
KAHA		Starkville	Frank Wheeler	Ernie	762
KBMN		Yazoo City	Gene Allen	Vallejo	1813
KXLO	MO	Joplin	Don Kaskey	Galva	395
KLCB		Lebanon	Roy Millar	Bellevue	1638
KIYI	MT	Opelousas	Stan Morse	Essexford	2084
KTNC		Bozeman	Gene Allen	Vallejo	778
KHWS		Lewistown	Gene Allen	Vallejo	896
KELW		Libby	Roy Millar	Bellevue	319
KDTS		Shelby	Roy Millar	Bellevue	488
KDOL	NE	Falls City	Hank Holbrook	Chevy Chase	996
KALG		Hastings	Gene Allen	Vallejo	1283
KENS	NV	Ely	Don Kaskey	Galva	1025
KGAK		Las Vegas	Laurie Boyer	Dunedin	7299
KFUN		Reno	Roy Millar	Bellevue	562
KCHS	NM	Alamogordo	Roy Millar	Bellevue	1135
KNIA		Belen	Gene Allen	Vallejo	893
WENY		Deming	Gene Allen	Vallejo	914
		Gallup	Laurie Boyer	Dunedin	7511
		Las Vegas	Laurie Boyer	Dunedin	7682
		Roswell	Gene Allen	Vallejo	1047
		Truth or Consequences	Ernie Cooper	Brooklyn	1977
	NY	Cheektowaga	Roy Millar	Marysville, WA	2145
		Elmira	Frank Wheeler	Ernie	162

**KORP**  
Box 1118  
1406 North First  
Haskell, Texas 79521

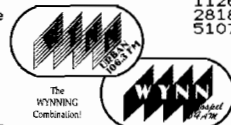
WLFH		Little Falls	Frank Wheeler	Ernie	267
WFAS		White Plains	Frank Wheeler	Ernie	322
WVNF	NC	Fayetteville	Don Kaskey	Galva	1034
WMFR		High Point	Frank Wheeler	Ernie	424
WCBT		Roanoke Rapids	Frank Wheeler	Ernie	422
WCPO	OH	Cincinnati	Gene Allen	Vallejo	2037
WCOL		Columbus	Don Kaskey	Galva	678
KADA	OK	Ada	Gene Allen	Vallejo	1439
WBRZ		Ponca City	Gene Allen	Vallejo	1382
KVAS	OR	Astoria	Roy Millar	Bellevue	319
KRNS		Burns	Roy Millar	Bellevue	319
KOOS		Coos Bay	Roy Millar	Bellevue	303
KQIK		Lakeview	Roy Millar	Bellevue	391
KYJC		Medford	Don Kaskey	Omaha	1401
KNPT		Newport	Gene Allen	Vallejo	460
KGON		Oregon City	Roy Millar	Bellevue	156
KODL		The Dalles	Roy Millar	Bellevue	148
WBVP	PA	Beaver Falls	Frank Wheeler	Ernie	146
WCBL		Carbondale	Don Kaskey	Galva	1036
WKBO		Harrisburg	Frank Wheeler	Ernie	215
WCRO		Johnstown	Don Kaskey	Omaha	887
WBPZ		Lock Haven	Frank Wheeler	Ernie	140
WTVI		Titusville	Frank Wheeler	Ernie	36
WATM	SC	Anderson	Don Kaskey	Omaha	847
WOLS		Florence	Gene Allen	Vallejo	114
KISD	SD	Sioux Falls	Don Kaskey	Bellevue	2386
KSIX	TX	Corpus Christi	Roy Millar	Bellevue	1941
KDLK		Del Rio	Roy Millar	Bellevue	1711
KNUZ		Houston	Roy Millar	Bellevue	1896
KLVT		Levelland	Don Kaskey	Galva	735
KOSF		Nacogdoches	Gene Allen	Vallejo	1627
KOSA		Odessa	Roy Millar	Bellevue	1522
KPAT		Campa	Don Kaskey	Galva	557
KSEY		Seymour	Don Kaskey	Galva	637
KSST		Sulphur Springs	Don Kaskey	Galva	630
KCMC		Texarkana	Don Kaskey	Galva	616
KWTV		Waco	Gene Allen	Vallejo	1487
KVNU	UT	Logan	Gene Allen	Vallejo	605
KMUR		Murray	Don Kaskey	Galva	871
KGOAL		Coal	Frank Wheeler	Ernie	1624
WJOY	VT	Burlington	Frank Wheeler	Ernie	332
WFVA	VA	Fredericksburg	Frank Wheeler	Ernie	297
WNOR		Norfolk	Roy Millar	Bellevue	2473
WAMM		Woodstock	Frank Wheeler	Ernie	242
KQTY	WA	Everett	Laurie Boyer	Dunedin	7591
KWIE		Kennewick	Gene Allen	Vallejo	585
KXRN		Renton	Roy Millar	Bellevue	10
KSPD		Spokane	Roy Millar	Bellevue	224
KREW		Sunnyside	Roy Millar	Bellevue	136
WVAJ	WV	Morgantown	Don Kaskey	Galva	836
WHBY	WI	Appleton	Frank Wheeler	Ernie	447
WCLO		Janesville	Frank Wheeler	Ernie	460
KVOC	WY	Casper	Gene Allen	Vallejo	905
KOVE		Lander	Gene Allen	Vallejo	781
KPCW		Powell	Gene Allen	Vallejo	835
WR	PR	San Juan	Hank Holbrook	Chevy Chase	1530
KFCW	AB	Camrose	Laurie Boyer	Dunedin	8182
CKDM	MB	Dauphin	Roy Millar	Bellevue	1032
CFGR	SK	Gravelbourg	Gene Allen	Vallejo	1126
CMCO	CU	Havana	Roy Millar	Bellevue	2818
JOHR	JA	Saporro	Gene Allen	Vallejo	5107

1230 kHz

Jan 1, 1960 to present

Date of Last Update: Nov 8, 1989

WAUD	AL	Auburn	Jeff Falconer	Clinton, ON	789
WBHP		Huntsville	Carl Dabelstein	Lincoln, NE	685
WHOD		Jackson	Niel Wolfish	Toronto, ON	957
WNUZ		Talladega	Steve Francis	Alcoa, TN	193
WTBC		Tuscaloosa	Dave Whatmough	Hamilton, ON	805
AK	AK	Sitka	Doug Lamerson	Makapu'u Point, HI	2772
KVAK		Valdez	Esa Hänninen	Lehmenjoki, Finland	3453
			Rich Eddie	St Louis, MO	1333
			Richard E. Wood	Hilo, HI	2821
			Carl Dabelstein	Lincoln	905
			Carl Dabelstein	Lincoln	860
			Jerry Starr	Youngstown, OH	855
			Roy Millar	Marysville	854
			Tim Hall	Chula Vista, CA	156
			Les Carpenter	El Toro, CA	261
			Don Kaskey	Sacramento, CA	521
			Richard E. Wood	Hilo	2191
			Don Kaskey	Sacramento	357
			Frank Merrill	Nanena	2352
			Don Kaskey	Sacramento	145
			Richard E. Wood	Hilo	2404
			Shawn Axelrod	Winnipeg, MB	903
			John Wilkins	Wheat Ridge, CO	80
			Niel Wolfish	Winnipeg, MB	864
			Shawn Axelrod	Winnipeg	(Tie) 864
			Wayne Heinen	Colorado Springs, CO	170
KBCR		Steamboat Springs			



Post Office Box F-14

KGEC	CT	Sterling	Carl Dabelstein	Lincoln	335	WERI	RI	Westerly	Rodney Valdron	Petit Rocher	535
WINF	CT	Manchester	Rodney Valdron	Petit Rocher, NB	530	WXAP	SC	Columbia	Joe Kureth	Uniontown	440
WGGG	FL	Gainesville	Frank Merrill	Milan, MI	858	WOLS	SD	Florence	Joe Kureth	Uniontown	405
WNNN		Lakeland	Alan Imprescia	New York, NY	985	KSDS	SD	Sioux Falls	Jerry Robertson	Crosswell, MI	700
			Richard Recco	Malverne, NY	(Tie) 985	WAKI	TN	McMinnville	Russ Edmunds	Glen Rock	682
WMAF		Madison	Steve Francis	Alcoa	356	KSTX	TX	Corpus Christi	Jim Boehm	San Antonio, TX	141
WSBB		New Smyrna Beach	Joe Fela	South Plainfield, NJ	889	KDLK		Del Rio	Dave Margritz	Omaha	866
WNVY		Pensacola	Alan Imprescia	New York	1024	KLVT		Levelland	John Wilkins	Fort Davis, TX	1039
WCNH		Quincy	Jerry Starr	Youngstown	760	KERV		Kerrville	Rick Carr	Austin	86
WJNO		West Palm Beach	Ernie Cooper	Provincetown, MA	1190	KEEE		Nacogdoches	Frank Merrill	Milan	945
WBIA	GA	Augusta	Debra Hidden	Orlando, FL	350	KOZA		Odessa	Rich Eddie	St Louis	821
WBLJ		Dalton	Tim Kerfoot	Weston, ON	635	KGR0		Pampa	Robert Walker	Chicago	955
WALI		Dublin	Gene Allen	Vallejo, CA	2253	KSEY		Seymour	Shawn Axelrod	Winnipeg	1129
WDOM		Marietta	Jerry Van Horn	Millington, TN	320	KSTT		Sulphur Springs	Stephen Ponder	Ft Worth, TX	110
WSOK		Marion	Jeff Falconer	Clifton	738	KWTX		Waco	Bill Hale	Converse, TX	148
WAYX		Waycross	Harry Hayes	Thornhurst, PA	780						
KORT	ID	Grangeville	Esa Hanninen	Lehmenjoki	4263						
KRXK		Rexburg	Esa Hanninen	Lehmenjoki	4374	KMOR	UT	Murray	Shawn Axelrod	Winnipeg	917
WJBC	IL	Bloomington	Rick Carr	Austin, TX	865	KCAL		Price	Carl Dabelstein	Omaha	808
WMRZ		Moline	Shawn Axelrod	Winnipeg	697	WJOY	VT	Burlington	Rodney Valdron	Petit Rocher	425
			Niel Wolfish	Winnipeg	(Tie) 697	WBEI	VA	Abingdon	Joe Kureth	Uniontown	320
WHCO		Sparta	Ken Onyschuch	Park Forest, IL	255	WODI		Brookneal	Jerry Starr	Youngstown	320
WJOB	IN	Hammond	Niel Wolfish	Winnipeg	773	WCFV		Clifton Forge	Joe Kureth	Uniontown	185
WSAL		Logansport	Niel Wolfish	Winnipeg	855	WFVA		Fredericksburg	Andy Rugg	Montreal	530
WBOW		Terre Haute	Shawn Axelrod	Winnipeg	898	WNOR		Norfolk	Andy Rugg	Montreal	610
KFJB	IA	Marshalltown	Joe Fela	Newark, NJ	976	KOZI	WA	Chelan	Brett Hanavan	Chula Vista, CA	1057
WHOP	KY	Hopkinsville	Rick Carr	Austin	780	KRFS		Everett	Esa Hanninen	Lehmenjoki	4268
WHLF		Pineville	Frank Merrill	Milan	434	WLOG		Spokane	Olle Alm	Abisko, Sweden	5138
KBOC	LA	Monrre	Frank Merrill	Milan	803	WKYG	WV	Logansport	Don Voorhies	Russ Edmunds	396
WME	ME	Belfast	Bob Walker	Chicago, IL	485	WHBY	WI	Appleton	Joe Fela	Newark	765
WQDY		Calais	Steve Whitt	Sheigra, Scotland	2918	WCLO		Janesville	Rich Eddie	St Louis	288
WSJR		Madawaska	Morris Sorensen	Milton, ON	600	WXCO		Wausau	Rich Eddie	St Louis	440
WTH	MD	Baltimore	Andy Rugg	Nuns' Island, PQ	284	KVOC	WY	Casper	Frank Merrill	Nanena	2271
WALI		Cumberland	Andy Rugg	Montreal, PQ	450	CJOK	AB	Ft McMurray	Esa Hanninen	Lehmenjoki	3509
WNEB	MA	North Adams	Ron Musco	Hartford, CT	355	CJTV		Hilton	Shawn Axelrod	Winnipeg	377
WNEB		Worcester	Jim Renfrew	Rochester, NY	227	CJLW		Wainright	Niel Wolfish	Kingston, NB	597
WCUZ	MI	Grand Rapids	Rodney Valdron	Petit Rocher	440	CKGR	BC	Castlegar	Roy Millar	Marysville	248
			Petit Rocher	Winnipeg	746	CKTK		Kitimat	Roy Millar	Marysville	531
WKKB		Iron River	Shawn Axelrod	Winnipeg	(Tie) 746	CJNL		Merritt	Tim Hall	Banff, AB	238
WMPG		Lapeer	Carl Dabelstein	Omaha	478	CKNW	MB	New Westminster	Gene Allen	Vallejo	767
WSDO		Sault Ste Marie	Jeff Falconer	Clinton	114	CHFC	MB	Churchill	Olle Alm	Karesuando, Sweden	4289
WSTR		Sturgis	Morris Sorensen	Leaf Rapids, MB	1550	CFLN	NF	Goose Bay	Esa Hanninen	Lehmenjoki	2830
WCKM	MN	Chickago	Joe Fela	Newark	588	CFNB		St Agathe-Basques	Steve Whitt	Sturgis	2291
KGHS		International Falls	Carl Dabelstein	Omaha	437	VOAR		St John's	Rodney Valdron	Petit Rocher	610
KYSM		Mankato	Shawn Axelrod	Winnipeg	239	CFEB	NT	Iqaluit	Esa Hanninen	Ristiina, Finland	2766
KMRS		Morris	Morris Sorensen	Leaf Rapids	740	CKMP	ON	Midland	Robert Kramer	Chicago	445
KTRF		Thief River Falls	Shawn Axelrod	Winnipeg	318	CJTT		New Liskeard	Rodney Valdron	Petit Rocher	610
KWNO		Winona	Morris Sorensen	Leaf Rapids	980	CJLB		Thunder Bay	Morris Sorensen	Leaf Rapids	1105
			Carl Dabelstein	Omaha	287	CJLP	PQ	Disraeli	Rodney Valdron	Petit Rocher	300
			Dave Margritz	Omaha, NE	(Tie) 287	CHD		Hibbeau	Esa Hanninen	Lehmenjoki	3335
WCMA	MS	Corinth	Joe Kureth	Uniontown	710	CJSA		Ste Agathe-des-Monts	Andy Rugg	Montreal	490
WHSY		Hattiesburg	Jerry Starr	Youngstown	823	CKLD		Thetford Mines	Neil Kazaross	Lawrenceville, NJ	435
WSSO		Starkville	Steve Francis	Alcoa	312	XESCT	BCN	Ensenada	Tim Hall	Chula Vista, CA	52
KODE	MO	Joplin	Frank Merrill	Toledo, OH	648	CMAD	CU	Artesima	Frank Merrill	Milan	1330
KLWT		Lebanon	Carl Dabelstein	Lincoln	285						
KWIX		Moberly	Shawn Axelrod	Winnipeg	775						
			Niel Wolfish	Winnipeg	(Tie) 775						
KBMN	MT	Bozeman	Nancy Hardy	Aberdeen, WA	610						
KBNB		Harbin	Frank Merrill	Milan	1218						
KTCB		Lubbock	Nancy Hardy	Aberdeen	425						
KTNK	NE	Falls City	Robert Kramer	Chicago	425						
KHAS		Hastings	Frank Merrill	Milan	773						
KLAS	NV	Las Vegas	Nancy Hardy	Aberdeen, WA	877						
KCBN		Reno	Roy Millar	Marysville	555						
WHOU	NH	Berlin	Ron Musco	Windsor, CT	209						
WTVY		Claremont	Joe Fela	Newark	205						
WCHC	NJ	Limdood	Mark Hattam	Sheigra, Scotland	350						
KALG	NM	Alamogordo	Robert Wien	San Jose, CA	949						
KYVA		Gallup	Tim Hall	Chula Vista	509						
KFUN		Las Vegas	John Wilkins	Wheat Ridge	285						
KRSY		Roswell	Frank Merrill	Macomb, IL	912						
WNIA	NY	Cheektowaga	Russ Edmunds	Little Silver, NJ	306						
WENY		Elmira	Andy Rugg	Montreal	316						
WFAA		Greene Falls	Morris Sorensen	Hilton, ON	280						
WTGS		Goudreau	Rodney Valdron	Petit Rocher	523						
WHUC		Hudson	Don Voorhies	Owego	163						
WLFH		Little Falls	Jeff Falconer	Clinton	335						
WDLG		Port Jervis	Laura McCusker	Ravens, NY	88						
WFAS		White Plains	Jeff Falconer	Clinton	434						
WFAI	NC	Fayetteville	Jeff Falconer	Clinton	612						
WHR		Hay Point	Eric Bueneman	Hazlewood, MO	595						
WNNC		Newton	Steve Francis	Alcoa	413						
WCBT		Roanoke Rapids	Hank Holbrook	Chase, MD	184						
KDIX	ND	Dickinson	Carl Dabelstein	Omaha	524						
WUBE	OH	Cincinnati	Russ Edmunds	Glen Rock, NJ	564						
WCOL		Columbus	Shawn Axelrod	Winnipeg	1010						
WJRO		Ironton	Shawn Axelrod	Winnipeg	1096						
WCWA		Toledo	Andy Rugg	Montreal	555						
KABA	OK	Ada	Wayne Helnen	Aurora, CO	570						
WBZ		Ponca City	Shawn Axelrod	Winnipeg	912						
KVAS	OR	Astoria	Doug Lamerson	Makapu'u Point, HI	250						
KZZR		Burns	Nancy Hardy	Aberdeen, WA	331						
KOOS		Coos Bay	Don Kaskey	Sacramento	369						
KRDR		Gresham	Esa Hanninen	Lehmenjoki	4377						
KQIK		Lakeview	Esa Hanninen	Lehmenjoki	4580						
KYJC		Medford	Don Kaskey	Sacramento	276						
KDOV		Talent	Roy Millar	Marysville	361						
KTDQ		Toledo	Roy Millar	Marysville	215						
WBVP	PA	Beaver Falls	Stephen McIntire	Deale, MD	715						
WEEX		Easton	Rodney Valdron	Petit Rocher	680						
WKBO		Harrisburg	Frank Merrill	Milan	379						
WCRO		Johnstown	Rodney Valdron	Petit Rocher	830						
WBPZ		Lock Haven	Sharon Skowera	Enfield, CT	264						
WTIV		Titusville	Rodney Valdron	Petit Rocher	805						

## Musings

of the Members

**Al Muick, Jr.**  
**3500 Woodchase, #1310**  
**Houston, TX 77042**  
*Times are local per Muse.*

*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.*

Welcome again to another edition of the Musings of the Members column. Not too much to report from my end, except that my Thanksgiving was allright. Didn't have any turkey though. A Pizza Hut Pizzazzo and a case of Pilsner Urquell beer from Czechoslovakia did make things all right though. Haven't been able to do too much DXing round here 'cuz of Houston Power and Light's inability or unwillingness to do anything about the horrible 60 Hz hum off of the local pole pigs. Oh well, I'll just put the rig in the car and go out to the wastelands near the Mexican border and we shall see what we shall see.

WALLY WAWRO, 4641 Elderberry Dr., Garland, TX 75043  
 The tower fabricators must love the Dallas-Fort Worth area. Four towers are up and lighted for KPBC-1040's pending move to 770. They've been testing on the frequency during the daytime, even had non-stop ID's running all day Sunday October 21, but no other voice ID's have been heard since. They're not mentioning anything about the new frequency on 1040 as of yet. KEDN-1480's (ex-KMEZ) new site in southeast Dallas County is under construction with five towers....there's even a sign on the gate to the tower site explaining what's under construction. I have no confirmation but KSGB-1540 sounds like they're on from their new site near Kaufmann, TX. This is a major move since the old site was just southeast of Fort Worth in the town of Kennedale. And on the TV side, WFAA-TV and KDFW-TV are completing their new mega-stick while KXAS-TV is putting up their own. All three network affiliates shared a candelabra tower in Cedar Hill until a Navy training jet unexpectedly clipped part of the structure in January '87. The tower remain standing, but will be reduced in height and serve as a backup site for the stations. Oh well, more tower to ya!



BILLY SAMPSON, 285 Chestnut St., Hammonton, NJ 08037

I thought I would send some "Musings" on how I came to be a DX'er and some other added thoughts. On June 7, 1985, I decided to try improving my TV reception by hanging up the antenna from the ceiling in the attic. When I went to check reception, I had KGAN, CH2 from Cedar Rapids, Iowa. From that day, I never looked back. From TV, I went to FM; from FM to AM, and 4½ years later, I feel I'm ready to join the "big leagues." I enjoyed the DX News Magazine very much. I'm also joining the DX Audio service, as I have been recording most of my DX since Sept. '86 and I enjoy listening to "DX tapes." I have 175 tapes at the moment, and only about 30 of them are music tapes, given to me by non-DX friends (are they trying to tell me something?). The sample copy of DX News you sent me was Vol. 57, No. 30 dated October 9, 1989. On page 5, C.C. in MD has a mystery 860. I think this guy may be WTEL from Philadelphia. They are in SS at the time listed. I think the city quiz on page 23 is San Diego. I know Detroit has a 760 and 1130, but they have a 1270, so I thought, would also have a 1290. I know Wheeling has an 1170 but I'm really unsure of the rest of the dial. I think they have a 1400. I'm throwing my vote to San Diego. Now that I wrote this, I'll pull out my dog-eared Van Jones book. It's almost 10:00; time to fire 'er up! Heard CHOK-1070 a little after 8:00. Good Listening!

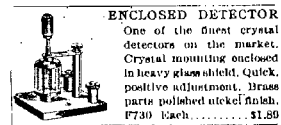
KARL D. FORTH, 2714 N. LeClaire, Chicago, IL 60639

Greetings. DX Activity has been sparse so far this season, but conditions seemed to pick up in mid-November with a couple of new stations added, including much-wanted CJOB-680. I've been travelling quite a bit in recent months, with trips to Washington state, Hawaii, and Minnesota/Ontario/Manitoba. I spent a week in Hawaii in mid-September, mostly on Maui. I didn't do any serious DXing, but it was interesting to hear many of the local BCB stations. Almost all of the Hawaii mediumwave broadcasters put a decent signal into the Lahaina/Kaanapali area, where I spent most of my time. During a trip to northern Minnesota, northwestern Ontario and Manitoba in October, I also did some listening, and was surprised by the signals some of the Chicago stations put into Ontario and Manitoba, even during the day. I didn't visit any radio stations, but I did catch a Blackhawks-Jets hockey game in Winnipeg. I also visited North Dakota, which was the only state I had never been to. I can't claim to have heard all 50 states on mediumwave (I need Alaska) but I can say I've been in every state! Another interesting experience happened back in July, when I drove down to Springfield on I-55. At about Pontiac, Illinois, I noticed a strong E-skip opening affecting most of the FM band. I heard a number of stations from Texas, New Mexico, and Colorado. This is the second time I've had an "Interstate E-Skip" opening. One of the things keeping DX at bay recently has been a serious interference problem. The man from Commonwealth Edison came out one day (there was no interference during his visit of course) and he said that the problem could be a fish tank, electric blanket, or even a butterwarmer in the refrigerator (sure Karl, just click your heels three times and repeat "it's only operator headspace", hi--ajm). "A fish tank can take out a couple of blocks," he said. Great. I finally traced the problem to a malfunctioning streetlight nearby. The noise was transmitted through the powerlines, and was especially bad on some of the shortwave frequencies. It took a couple of phone calls but the light has been fixed. The WYST-1010 DX test was not heard here due to strong signals from CFRB and WINS. CJOB and KOKK-1210 bring my heard total on mediumwave to 2494. 73.

WALT BREVILLE, P.O. Box 13008, St. Louis, MO 63119

This year of 1989 marks 25 years since I first joined the NRC. Lately, I found out one thing hasn't changed in all these years is the fact that a good car radio still gives the most bang per buck in domestic DXing performance. Today, as well as in the early 60's, communications receivers had, or have, skimpy audio output sections with one or two rare exceptions such as the Hallicrafters SX-62 of the 50's which had claimed 10 watts of audio output; today the Grundig portables excel in that department; has anyone found out how good they are in other areas of DX performance? My ten year old GE Superradio is a pretty nice performer audio-wise as well as a DX-puller, but it has been falling into disuse as it lacks a digital readout, which has become almost an absolute must for DXing the crowded AM band of today. Last year, I replaced the factory radio in my '86 T-Bird with a Proton cassette stereo and an 80 watt Orion amp, the Proton model 214CD does fine in audio-oomph and pulling power on FM and cassette tape listening, but its AM section is a dog in both sensitivity and audio quality. I kept the factory Ford AM/FM/cassette rx, and now it's my primary AM DX rig, powered by a 12 volt deep cycle RV battery, which does duty in my boat in summer, powering a 3hp Minn-Kota outboard motor. The '86 Ford radio is digitally tuned, like almost all sets like this it cannot tune foreign splits, but here in the Midwest, that is rare, elusive DX no matter what you use. It outperforms my Kenwood R-1000 with either a 60 ft. outside wire or Space Magnet SM-2 on the R-1000 and just the short car whip attached to the Ford RX, especially on the lower frequencies, in pulling in weak signals clearly. Even more important, I got rid of lots of noise from leaking cable TV signals (which are there whether the TV set is on or off) by going to battery power. In recent times I have really been plagued by this and other noises; turns out that 95% of it is in my AC power lines with very little of it in the airwaves. My R-1000 does not have the option for connecting 12 battery as some of them do. The much greater audio output of the Ford radio makes AM DXing much more fun. One side of it is hooked to one of my Infinity loudspeakers, a 12' 3-way system, and it drives it amazingly well for only four watts RMS per channel, thanks to the compressed nature of AM music signals. A real DX highlight happened on November 4 at noon local time when I heard what sounded like an ID from WRFA-820, plus mentions of happenings in the St. Petersburg/Tampa area, my most distant midday catch, unless perhaps the 820 station in Chicago, Evansville, or Columbus was relaying WRFA (please, Walt, DX like this should be in the DX column!—ajm).

23  
With so many satellite networks nowadays, maybe that was the case...if so it makes things confusing with DX IDs. The next most distant ID noted this midday was WWWE Cleveland. There was no sign of WBAP then. A week later I tried, and found two weakies on 820, one a football game, the other playing Phil Collins/Genesis music. No DX religious stuff on 820 this midday November 11. Locally, latest news is that we lost the oldest stn on 590 in St. Louis (Wood River, IL), WKLL is now WCIX, apparently aimed at Chief Executive Officers with all business talk, is on the business radio network. 73.



Detector Crystals Carefully Tested  
#730 Galena, Arlington tested, per piece...22¢  
#734 Silicon, Arlington tested, per piece...22¢  
#735 Buzzer tested, Galena, per piece...12¢  
#737 Buzzer tested, Silicon, per piece...12¢

## Mix-up takes radio station off the air in Chillicothe

CHILLICOTHE (AP) — A mix-up in work assignments and ownership left radio station WCHI-AM silent for seven hours.

No one came in to start the broadcasting day Wednesday at 6 a.m. The station was silent until Guy Mitchell, scheduled to work as a disc jockey from noon to 6 p.m., started his shift.

The station started broadcasting about 12:50 p.m.

"Nobody was here when I got here," Mitchell said. "We were supposed to sign on at 6 a.m. There was no sign of anybody signing on at all."

Station owner Bill Burchett is selling the station to Dave Smith,

owner of WFCB-FM.

"We understood that we were supposed to stop (running the station) on the 31st," said Ross Franklin, who works the 6 a.m. shift. "But we weren't. It was just an employee mix-up, a misconception."

Smith's Wyandot Radio Corp. applied to the Federal Communications Commission in June to buy the WCHI license from Burchett.

"The FCC has approved the sale," said Smith. "We're set to close any day now."

The station was off the air for two hours and 15 minutes last June 23 when disc jockey John Fields walked off the job, contending he had not been paid.

**Cleveland Plain Dealer**  
—via Gayle Yeager

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