



DX NEWS

the magazine of the
National Radio Club

SINCE 1933

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From the editor ...

Contributions to editors have been pretty slim, in spite of improving conditions, and as you can see from the above contents listing I really cleaned out the clipping file this issue. Not that you'll be reading garbage ... you just won't be gleaning as much as I think you should in the way of DX-related material from the members. I've even sent in a couple of reports to Nancy and Bill (Hale) in spite of the maxim that editors don't have time to DX ... and if I can, you can. Turn on that radio and DX a little!

Obituary: G. Paul Crowder, 74, station owner and broker; former NRC member; died after a long illness, Oct. 1, in Nashville, TN. Crowder was associated with Chapman Associates for over 30 years. He was also involved in the ownership of several radio stations, including WKVL, Clarksville, TN, and WSVT, Smyrna, TN. He is survived by his wife, Mildred, a daughter, and a son. (from *Broadcasting*, via Dan Phillips) Our sincerest condolences to Mr. Crowder's family from all of us in the NRC.

DX Special ... Greg Hardison phoned to let me know that the Ray Briem DX Special will take place Saturday morning, January 7, 1989, starting at 3:06 am EST and lasting until 6 am. Greg as usual is busy lining up special guests and promised an interesting lineup, in spite of the fact that I plan to be a call-in guest again, hi. We'll publish a list of likely stations who will plan to carry the show closer to the target date.

Publications ... If you've ordered the WRTH before from Don Erickson at Century Print Shop, you've al-

ready received your card of notification. If not, you can place your pre-publication order for the 1989 WRTH at \$14 each (\$6 off the list price), two for \$25, postpaid Book Rate (add \$2 per copy for First Class). But hurry ... the deadline at these prices is **November 10**. California residents, add 6% sales tax. After the deadline until sometime in January, add \$2 per book, and after publication, \$4 per book. Send your check to Century Print Shop - 6059 Essex St. - Riverside, CA 92504-1599. My check just went in the mail.

NRC member Dario Monferini, editor of *Play-DX* in Italy, sends us news of the third issue of *DX Fanzine*, official bulletin of the Gruppo d'Ascoloto Due Mari, written mostly in English, and including much DX information including for TV. Send one IRC, one U. S. dollar, or 1000 Italian liras worth of mint Italian stamps or cash, only by letter, to GADM - c/o Carlo Pepe, Via Cesare Battisti 27 - 74100 Taranto - ITALY.

NRC member Dallas Lankford sent me a copy of *The Hollow State Newsletter*, which he now edits, and I'm impressed with it. The HSN is devoted to vacuum tube equipment ... you know, radios which provide top-notch DX plus warmth on a cold winter night. You can subscribe @ 4 issues per year for only \$5. Address: Chris Hansen - P. O. Box 1226 - New York, NY 10159.

(continued on page six)

DX Time Machine

From the pages of DX News

Ten years ago ... from the November 13, 1978 issue of DXN: Several members, including Rich Kenneally and Louis Poda, reported R. Nacional, Costa Rica, on 575 kHz after it signed on 9-15 ... BBC Radio announced new dial positions for Radio 1, 2, 3, and 4 ... Marty Wright, Springfield, IL, received a verie from WRBC five years after his 1973 report ... ERC typed up 26 Musings.

Twenty-five years ago ... from the November 9, 1963 issue of DXN: Roger Winsor, Berwyn, IL sent in his first Musing, after paying \$4 for a sub ... John Oldfield, Edmonton, AL, reported hearing KORL, KGU, 2YC, and JOBK in the clear ... and John P. Alexander, Torrance, CA, heard Kunming, China, on 700 kHz often, good especially at 0840 10-27.

AM SWITCH

Jerry Starr

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

CALL LETTER CHANGES

Old call:	New call:	Old call:	New call:
550 WDLV NC Pinehurst	WKHO	1430 WWRB TN Madison	WRLT
670 WNYR NY Syracuse	WAQX	1470 KILS KS Liberal	KYUU
790 WSTG VA Mount Jackson	WSVG	1490 WAQX NY Syracuse	WNYR
850 WQKA NY Pen Yan	WYLF	1590 WUSJ TH Johnson City	WKTP
1020 WCNL NH Newport	WNTK*		

*We first reported the WCNL change to WNTK which evidently was a typo from our friends on the Potomac. WNTK is correct as confirmed by the station.

APPLICATIONS FOR NEW STATIONS

None

GRANTS FOR NEW STATIONS

1200 MI Taylor:	1000/250 U4
1270 MA Fairhaven:	5000/5000 U4
1500 FL Saint Cloud:	1000 D1
1570 OH Athens:	400/280 U1

APPLICATIONS FROM EXISTING FACILITIES

800 KHIS CA Bakersfield:	night power to 440 watts
1370 WGTC IN Bloomington:	night power to 1000 watts
1580 WJTX IL Urbana:	powers to 1000/500 watts

GRANTS TO EXISTING FACILITIES

540 WETC NC Wendell-Zebulon:	day power to 8000 watts
600 KHTE CA Redding:	changes in antenna system
WCHT MI Escanaba:	relocate XR
630 WIRC NC Hickory:	relocate XR
680 WDDE KY Newburg:	powers to 1300/450 watts (CP not on the air)
840 KWPB NE West Point:	power to 5000 watts
1000 WTAK AL Huntsville:	power to 5000 watts (3400 CH)
1010 KKGZ CO Brush:	eliminate CH power reduction
1020 WKZE CT Sharon:	power to 2500 watts (1800 CH)
1150 WMEX MA Boston:	changes in antenna system
1190 KMOA AR Kensett:	power to 10000 watts (1900 CH)
WANN MD Annapolis:	reduce CP power to 25000 watts
1210 KASY WA Auburn:	powers to 50000/10000 U4
1270 KNWZ CA Palm Desert:	to Thousand Palms, CA with 5000/750 U4
1320 KNCB LA Vivian:	relocate XR
1400 WLSB TN Copperhill:	relocate XR
KITZ WA Silverdale:	powers to 1000/800 watts
1440 KITA AR Little Rock:	add 240 watts night, antenna to U2
1520 WKVI IN Knox:	power to 2000 watts (410 CH)
WIBG NJ Ocean City:	to 1020 kHz with 500 D1 (see below)
1530 KHPY CA Yaucaipa:	to Moreno Valley, CA
1550 WMSK IN Morganfield:	changes in antenna system

Note: Several issues back we mentioned that this station was silent due to their XR land lease not being renewed and that the XR and towers had already been removed. The application for 1020 kHz was still in the works however and has been granted. Whether this will ever be built remains to be seen but there is the chance that WIBG will return to the air if a new XR location can be found.

OTHERNESS

680 WCNN GA North Atlanta: application to increase night power DISMISSED
 720 *New WA Long Beach: new Log shows this new station in CA, should be WA
 1020 WNTK NH Newport: station is now here ex-WCNL 1010 kHz
 1510 *App FL Melbourne Beach: application for new station has been DISMISSED

THANKS to NRCer William Wyllie for his recent AMS contributions!

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

DOMESTIC DX DIGEST - WEST

Nancy Hardy

2301 Pacific Avenue, Aberdeen, WA 98520

Deadlines for receiving DDXD-West tips: each Saturday. Please use Eastern time, on one side of the sheet of paper.

SPECIAL

1020 KRAD OK PERRY - 10/17 2339 fair in KCKN-KTNQ null. Buffalo vs NY Jets football. OK #18. Ex-1040. (JT-CO)

MIDDAY TO MIDNIGHT

790 KURM AR ROGERS - 10/16 2100 "K-U-R-M, Newsradio 79." AR #5. (JT-CO)
 KUTA UT BLANDING - 10/16 2105 "The voice of the Canyonlands." Ad for Dove Creek Superette. UT #27. (JT-CO)

MIDNIGHT TO MIDDAY

570 WNAX SD YANKTON - 9/8 0135 extended sports; good over KVI. (DDM-AB)
 580 CKXR BC SALMON ARM - 9/28 0005 local weather. Excellent, no sign of CKY or CKUA. (DDM-AB)
 700 WLW OH CINCINNATI - 9/8 0150 fair in CKRD null. (DDM-AB)
 730 KSVN UT OGDEN - 10/17 0859 Spanish program with Spanish & English ID. UT #28. (JT-CO)
 740 CBL ON TORONTO - 9/28 0018 poor under CBX, "Night Camp" programme with Dave Lennick, parallel with CBC Northern Quebec shortwave on 6195 kHz. (DDM-AB)
 820 CHAM ON HAMILTON - 9/28 0012 excellent, ad for Hamilton Radiator, ID as "820 Cham." (DDM-AB)
 1000 WTAK AL HUNTSVILLE - 10/17 0743 "T-A-K, Huntsville's rock and roll." Ad for Super Shop. Good signal. AL #1, while trying for KHAM sign on. (JT-CO)
 KVSD CA VISTA - 10/17 0100 "KVSD, Vista-San Diego." Ad for Plaza Financial Services. Over KTOK. CA #37. (JT-CO)
 1030 WBZ MA BOSTON - 9/8 0155 good over KTWO, local weather & ID. (DDM)
 1200 WAOI TX SAN ANTONIO - 10/17 0345 MM s/off at 0345. (JT-CO)
 1230 CJNL BC MERRITT - 9/8 0205. (DDM-AB)
 1320 KWHN AR FT. SMITH - 10/19 0821 "Giant 100 pound pumpkins for sale," FM 99.1. AR #7. (JT-CO)
 KRLW AR WALNUT RIDGE - 10/19 0739 ad for 1st National Bank of Lawrence Co. Log shows this as WRLW, did I miss a change? (JT-CO) (Must be a typographical error, as is listed as KRLW in previous Logs.--NH)
 KGNR CA SACRAMENTO - 10/19 0824 booming in over KOLT & KWHN. Oldies. "All star hits & all star sports." CA #38. (JT-CO)
 KOLT NE SCOTTSELUFF - 10/17 0159 MM s/off at 0159. (JT-CO)
 KELO SD SIOUX FALLS - 10/5 0021 very good, several IDs, no sign of CHQM or KCPX. (DDM-AB)
 1330 KUPL OR PORTLAND - 9/17 0141. (DDM-AB)
 1360 KEYZ ND WILLISTON - 9/29 0105 ABC News, sports, then s/off. (DDM-AB)
 1380 KGLD MO ST. LOUIS - 10/17 0710 K-Gold. Oldies format. Mixed with KOTA. MO #9. (JT-CO)
 1430 KEZW CO AURORA - 9/14 0200 in briefly, ID then news. (DDM-AB)
 1480 KRED CA EUREKA - 9/16 0134 excellent, several IDs, C&W. (DDM-AB)
 1490 KSYC CA YREKA - 9/16 0145 excellent, several mentions of Yreka, Larry King, then Mutual News at 0200. (DDM-AB)
 1520 KOMA OK OKLAHOMA CITY - 9/10 0056 fair-good, old radio programs. (DDM)
 1590 KVGB KS GREAT BEND - 10/18 0007 s/off with National Anthem, will s/on at 0700. (JT-CO)

REPORTERS

DDM-AB/Deane D. McIntyre, Calgary, AB/Superadio
 JT-CO/Jeff Tynan, Parker, CO/Sony 2002 with JT-4 loop

DOMESTIC DX DIGEST - EAST

William Hale

2160 Farm To Market Road, Johnson City, NY 13790

MEDIUM WAVE LOGGINGS

- Remember to use Eastern Listening Time when reporting, as that's our standard. A small, but quality, turnout this week. I'm lookin' at 4" of snow (yes, SNOW!) on the ground, so conditions have to be improving. Get those loggings in for everyone to see. Deadlines are Saturdays. Welcome to DX-holdout David Braun of Dover, DE, who checks in with some early October loggings. Keep those excellent reports, coming, Dave. Who mentioned RNI? They're ba-ack! See Pirates, below.

SPECIAL

- 640 WWLS OK NORMAN - 10/13 2308-0000 fair+poor %OLD; ex:C&W (DS-WI)
860 WWKO FL COCOA - 10/14 2113 fair %REL pgm ending, several IDs+REL mx; ex:WCKS; %good auroral cx (DB-DE)

UNIOS & UNIOS ID

- 780 UNID ?? - 10/13 2314-50 poor %WBMM %OLD; no ads or anncts hrd; looped SE (DS-WI) (I haven't noted any testing notices lately, so it might have been one?)-WRH)

PIRATES & OTHER ILLEGAL ACTIVITIES

- 1620 RNI Int'l Waters - 10/15 2150-2245 %mostly ROK OLD, varying signal, %strong @ times; IDs @ :15 & :45 only, no other talk; ID at 2245 mentd b'casting from Int'l Waters on the "good" ship Sarah, registered in the Principality of Ceylon (? not sure, isn't that Sri Lanka, now??), & Sarah rocks us and we rock you, but not too hard (KVJ-AL)

MIDNIGHT TO MIDDAY

- 550 WDUN GA GAINESVILLE - 10/19 0650 good %ID+stn promos for movie contest, GA/KY FB; Hall Cnty Sheriff POL ad; Local updates 'Round the Clock (DV-NY)
570 KLDD TX DALLAS - 10/16 %ROL OLD, K-Oldie slogan, phone requests (KVJ-AL)
640 WPBD GA ATLANTA - 10/4 0635 poor in mess %many promos & clips of OLD, %wx, (DB-DE)
740 WDFZ TN TULLAHOMA - 10/10 0155 good %OLD + full ID (RK-IL)
CBL ON TORONTO - 10/10 0210 good %%off & National Anthem (RK-IL)
920 CBO ON OTTAWA - 10/10 0210 %weak %%off (RK-IL)
960 WHYL PA CARLISLE - 10/7 0636 fair %ID:102-WHYL %ments of community events, trfc rpt (DB-DE)
1060 WFLE KY FLEMINGSBURG - 10/5 0658 fair %fluttery signal in KYW null, %C&W mx, ads+nx sponsored by State Farm (DB-DE)
1130 CKWX BC VANCOUVER - 10/16 0700 %good %wx, IDs, TC (4 Pacific, 5 Mountain), BC nx, sps, wx (also logged on 10/13) (DV-NY) (Super catch, Don-WRH)
1150 KEZQ AR LITTLE ROCK - 10/10 0030 fair %Traveller's Information Radio, all sorts of tourists anncts; sounded like a TIS stn (RK-IL)
1320 WMSR TN MANCHESTER - 10/11 0700 fair %%on (RK-IL)
1340 WLAV MI GRAND RAPIDS - 9/26 0508-16+ good %OLD; WLAV 13-40 ID @ 0511, SID @ 0516, Mich lottery ad (among others) @ 0512; my 1st GY DX (DS-WI)
KBRS AR SPRINGDALE - 10/10 0105 fair+poor %%off (RK-IL)
1360 WGCL FL JACKSONVILLE - 10/16 0600 fair %%on (RK-IL)
1370 WPRC IL LINCOLN - 10/14 0700 fair+good %%on (RK-IL)
WLTH IN GARY - 10/11 0701 good %%on (RK-IL)
WGHM MI GRAND HAVEN - 10/13 0600 fair+good %%on (RK-IL)
KWRT MO BOONVILLE - 10/15 0700 fair %%on (RK-IL)
1380 KSWO OK LAWTON - 10/16 0100 %Satellite Nx, C&W mx, ad for Romance Hotline (KVJ-AL)
1410 KTCS AR FT SMITH - 10/16 0140 %Country Lovin' KTCS Window Sticker jackpot contest (KVJ-AL)
1440 KWEZ LA MONROE - 10/16 0223 %OLD, female DJ, ID (KVJ-AL)
1490 WCLD MS CLEVELAND - 10/16 midnight ID, CNN Nx (KVJ-AL)
1550 CBE ON WINDSOR - 10/10 0110 fair %%off, National Anthem (RK-IL)

1590 WZRxt MS JACKSON - 9/26 0531 poor %AOR; believe this was WZR as I positive IDd them while visiting Carbondale, IL the previous weekend (DS-WI)

MIDDAY TO MIDNIGHT

- 600 WICC CT BRIDGEPORT - 10/4 2102 fair in WCAO null %lcl nx (DB-DE)
660 WMIC MI SANDUSKY - 10/17 1609 noted %WFA %ID, Mich wx (DV-NY)
880 KRVN NE LEXINGTON - 10/15 1951 dominating %C&W, time/temp (KVJ-AL)
900 WEAS GA SAVANNAH - 10/14 2119 fair %HS FB, ads for stores in Savannah, but no IDs; have they changed from WWJD? (DB-DE) (Yes-WRH)
1200 WBCE KY WICKLIFFE - 10/9 1859 %weak %%off (RK-IL)
1240 WMGJ AL GADSDEN - 10/18 1826 Magic AM, B/Sol format; one of my closest unheards (KVJ-GA)
1260 KTTS MO SPRINGFIELD - 10/13 2331 poor %lcl nx, several ments of Springfield, and a story abt SW Mo. State U; faded quickly & completely (DS-WI)
1290 WBNB MS MERIDIAN - 10/17 1930 %B1k GOS, NBN Net Nx (KVJ-GA)
1300 WTAQ IL LA GRANGE - 9/26 1945 %SS (DS-WI)
1310 KEZM LA SULPHUR - 10/17 2142 %OLD, Classic \$ AM-1310: request line # 527-3657 (KVJ-GA)
1320 WQIK FL JACKSONVILLE - 10/13 1858 good %end of call-in show, promo; ID as %Radio WQIK, the Talk of Jacksonville (DV-NY)
1380 KLUE OK MUSKOGEE - 10/15-16 2322, 0105 %Supergold Satellite pgm, FM ID KKWK--Quick 97 & slogan Regional Radio mixing it up %the other OK 1380, KSWO (KVJ-AL)
1390 WTJS TN JACKSON - 10/15 2131 %AM-1390, OLD, ad for Roswell Food Mart on Hwy 45-N (KVJ-AL)
1500 KCLF LA NEW ROADS - 10/15 2012 %lcl ads, Louisiana Wx Net, OLD; Home of Goodtime Rock 'n' Roll (KVJ-AL)
1530 KKCM MN SHAKOPEE - 10/18 1926 %WCKY %wx, %off ment 8600 watts; Good Night & God Bless You from KKCM (DV-NY)
1600 WEUP AL HUNTSVILLE - 10/12 1922 fair %IDs:Magic 1600; TC, ad for Ladies Gallery (DV-NY)

REPORTERS:

- DS-WI Doug Smith//Madison, WI//ICF-2010 barefoot
RK-IL Robert Kramer//Chicago, IL//R-1000, HQ-129X + RW Loop or Kowalski Loop
DV-NY Don Voorhies//Oswego, NY//FRG 8800 + Gilfer Modified LW
DB-DE David Braun//Dover, DE//R-2000 + Palomar Loop
KVJ-AL Karl Jeter//DXing with Chuck Hutton near Roanoke, AL//HQ-150 + #1500 Western Beverage
KVJ-GA Karl Jeter//Stone Mountain, GA//HQ-150, R390A + assorted beverages

SOME ABBREVIATIONS & SPECIAL SYMBOLS USED IN DOXD-E

TT:test tones OC:open carrier ID jx:jingle lcl:local lgl:legal mx:music nx:news
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 BKB:
basketball HKY:hockey %:after <:before S:stereo %:equal with or equal to
:00: on the hour ||:parallel with %: over/under 9: over %:under %:with %:
very %:to or into SS:Spanish FF:French EE:English POL:political GOS:
gospel REL:religion or religious BBD:big band OLD:oldies ROK:rock 'n' roll
EZL:easy listening C&W:country & western AC:adult contemporary UC:urban
contemporary tlc:talk ContChr:contemporary Christian CHR:contemporary hit
radio AP:Associated Press Radio UPI:United Press International MBS:Mutual
Broadcasting System MRN:Motor Racing Net USRN:United Stns Radio Net MCRN:
Music Country Radio Net IRN:Interstate Radio Net LK:Larry King BW:Bruce
Williams PH:Paul Harvey s/on:sign on s/off:sign off SR:sunrise SRS:sunrise
skip SS:sunset SSS:sunset skip LSS:local sunset SSB:Star Spangled Banner

73, Bill

CITY QUIZ

by John S. Bowker

QUIZ # 9

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?

570 710 1010 1050 1480
Here is a hint; it is one of these: New York City, Los Angeles, Amarillo
(The answer will appear at the end of the next City Quiz in DX News.)
The answer to City Quiz # 8: Atlanta

CONTESTS

George Sherman

104 Pinewood Circle, Apple Valley, Minneapolis, MN 551249319

Contest Standings as of 10/10

	A	B	C	D	E	F	G	H	I
J. Tynan, CO	2145	1234	246	3	9	41	These are		
R. Kramer, IL	1579	979	-	50	2	5	explained		
W. Heinen, CO	1415	984	196	7	1	14	in 8/15 DXN;		
B. Hardy, WA	276	129	77	2	2	0	please let me		
N. Hardy, WA	110	38	22	0	2	0	know if a log		
M. Hogan, IL	12	12	-	0	0	0	might qualify		

A= total points B= state & province points C= handicap points D= # of s/ons & s/off's heard & reported to DDXD E= # of most likely stations heard F= # of other new logs

CLARIFICATIONS: (see 8/15 DXN p.15) **General Rule C:** Any level logging may be replaced at any time by one of a higher point value, even if original level log has been reported already to contest manager. What this means is don't wait for another graveyard that might not be heard during contest; fill in your level loggings now with clears & regionals, you can change them to get the regional & graveyard bonus points later.

Scoring C: Total all level loggings including regional & graveyard bonus points, THEN multiply for handicap points

Scoring D: S/ons & s/off's are in their own column, but may also be used for level x 2 & reg. & GY bonus pts. Do not put S/ons & s/off's points in levels.

Contest rules in 8/15 DXN p.15; clarifications 10/21 DXN p.11 & above. If anyone has trouble (still) understanding rules & scoring, make your best guess & I'll check it. You may even send in your loggings with no score & I'll add it all up for you!

Remember 2nd report covering logs from 10/11-11/20 should be postmarked by 11/25. You can still enter contest till 1/1 & back-dated logs OK except most likely logs must be day after postmark or later. There will be prizes but the best prizes are the success in increasing totals.

(continued from page one)

Another publication at least peripherally concerned with DX is *Storm Track*, to which I've subscribed for some time. The bi-monthly covers storm activities, especially tornadoes, and includes news of radio station coverage of storms and some dynamite photos of tornadoes. It's \$8.00 per year, with checks payable to editor Tim Marshall. Address: Tim Marshall - 1336 Brazos Blvd - Lewisville, TX 75067, and tell Tim that you heard about ST from me.

DXChange ... Include an SASE with your responses to all DXChange items; it's a nice gesture if someone has to honor the first request and return other checks. Fred Vobbe is selling a GNB50 commercial dipole antenna, designed especially for high wind and ice conditions. Each side is 75 ft. but can be cut shorter. \$50, postpaid. He also has a stereo cassette recorder, used only one year, in very good condition. For \$75 it's a nice aircheck machine. Address: 706 MacKenzie Ave. - Lima, OH

45805-1805.

For trade only: Tom Farmerie's EKKO stamp duplicates: KOY, KFI, KQW, KFSD, KFXD, WAAB (5% tear), two KFUD, WSAN (special non-EKKO design), WCPA (special, like WSAN, call typed on); TRADE for other EKKO's or what have you; station pennants, etc. Address: William T. Farmerie - 62 Sunrise Ave. - Grafton, MA 01519.

Wanted: an ICOM-R70. Write to Charles Broyles - Route 6, Box 315 - Pittsboro, NC 27312, phone (919) 542-2165.

WNRC-FM Airchecks ... Fred and NRC are offering airchecks of NRC's 1988 WNRC broadcast at the Milwaukee convention. For eleven unscopied C-90 cassettes in 3 book binders, send \$25.95 to NRC HQ (P. O. Box 24 - Cambridge, WI 53523-1124). The scoped version should be out in two months or so.

Let's sharpen up those pencils and support our editors... report and Muse! 73.

Yearly Subscription (30 Issues) to DX News: U. S. Address: New Subscriber - US\$24.00. Renewals - US\$22.00. Canadian Address: New Subscriber - US\$25.00. Renewals: US\$23.00. Mexican and Caribbean Addresses: New Subscriber - US\$29.00. Renewals - US\$34.00. All Other Countries: New Subscriber - US\$36.00. Renewals - US\$34.00. Checks or money orders should be made out to: National Radio Club

Travels with Rieger ...

bucolic peregrinations and perambulations ... by John Rieger

Well, I've got to admit it! The four walls were getting to me! I mean just looking at snow on the lawn for the past five months, along with the heating bills was getting to be too much! I had to get up and get away. Cabin fever, and the best cure was the car, and the interstate system!

I woke up, without an alarm on March 1st at Sam. Hoping to get out of the house by 6am, I was rather hurried! I really think I could have planned this a bit better! The trip was a good one, but there were some disappointments, though they were my fault, and as usual, more than enough new radio surprises!

At 6:10am I got going. The car this time was not the 80 Monza or the '77 Sunbird as both were sold. This time it was an 87 Ford Tempo! So, out to McDonalds for breakfast at \$2.40, gas at \$8, and batteries at \$2.55! After all that nonsense, I finally was up and going at 6:45! This should have been better prepared! Had the tank been filled up, batteries been bought, and I had not been so pokey in leaving, I might have gotten going at 5:15am, instead of 6:45am! Next time, I'll know better! Or will I-hi?

For the most part, I was listening to the new news station in Chicago, 670-WMAQ. I think they really have an uphill battle with 780-WBBM. WBBM has a lot of actualities, more personality, and a polished sound. To me, at this point, 670-WMAQ sounds like the same stories every 20 minutes! I do like the fact that they are 24 hour news, where WBBM runs old time radio and a late night talk show. It also was nice to hear Allan Crane now on WMAQ. Now I wish Dale McCaren and Marvin Mullins would wind up on WMAQ. It was sad that WBBM let Mullins go about a year ago, and reduced McCarens hours so bad, it's pathetic! Very sad! He has a very good announcing voice.

Now, on with the trip! 1480-WTOY Madison is definitely now all-talk. They were talking with Rudy Kuzel from the Kenosha union on the Chrysler Kenosha pullout. 1550-WHIT Madison was oldies. Morning drive was handled by Clyde Coffee. He was at 1480-WISM (now WTOY) for over 20 years! After Coffee is done at 10am, the station goes "oldies channel." 1310-WIBA Madison was still AdCon, 1190-WMAC Sun Prairie-Madison was still NOS. 1070-WTSD is country, while 970-WHA Madison was talk/educational, but is always thought provoking! The Madison FM band was still stable. 92.1-WMAD FM Sun Prairie-Madison was "classic hits", 94.9-WILV Baraboo-Madison was BFL, 98.1-WMGW Madison was "Magic 98FM" with AdCon. 101.5-WIBA-FM Madison was AoR while 104.1-WZEE Madison is the still the Top40 King, and 106.3-WWGM Middleton Madison is country "Q106". 107.3-WJY Fort Atkinson-Madison-Janesville is BFL. "Joy 107" is the slogan. Most of the Madison dial is the same as years ago. The only recent changes were AM 1480 and FM 92.1 and 94.9. Now AM 1550 and FM 106.3 have been sold, so one wonders what changes will happen with those two outlets. 1550 is a daytimer with oldies, while 106.3 is country with 3kw, vs a 50kw AM country and 4 50kw FMs. Good luck!

1580-WITN Watertown was reading a lot of news, so I'm guessing the format is still AdCon. 94.1-WMLW Watertown-Oconomowoc is AdCon also. 1580, by the way is NSPI They simulcast WMLW after 6pm. 1400-WROB Reedsburg is AdCon while 104.9-WNFM Reedsburg is still automated country. By the way, 102.5-WNVC Madison is religious. Sorry about the omission. Still within hearing was 1240-WIBU Poyntte was country, 1350-WFOR Portage was also country and so was 1150-WYNE Kimberly. 1050-WISS Berlin is c&w with AdCon thorn in. WISS FM/AM (102.3) is mostly country though. 980-WCUB Two Rivers was country, 940-WFAW Fort Atkinson seems oldies, 930-WLBL Auburndale-Stevens Point is talk/educational. They use the slogan "AM 93". 950-KOEL Oshkosh had many local announcements. No music was heard in a 10 minute listen during AM drive. 850-WAIT Crystal Lake was heard with satellite country.

From central Wisconsin, 800-WDUX Waupaca is automated country, 740-WRPQ Hudson was running a "tradio" program, though the station is normally (SMN) satellite AdCon. 690-WLKE Oshkosh is satellite (SMN) oldies. 550-WSAU Wausau is satellite NOS from SMN. Guess what? 580-WKTY LaCrosse was actually LIVE country! 92.1-WRJC Mauston was automated AdCon. 93.3-WIZH-FM LaCrosse

is live Top40. "The new Z-93" runs 7 in a row beginning at :53 past each hour. 104.9-WLXR-FM LaCrosse also is Top40 and also runs 7 in a row at the same time! However, BOTH stations have sounded much, much better in the past! Z-93 isn't at all new! They have been Z-93 for at least a decade! "Hit 105" (WLXR-FM) is the newer of the two, going Top40 about 4 years ago. I must admit however, it is nice to hear a good, though lopsided Top40 battle! Z93 is 100,000 watts, while "Hit 105" is 3000 watts! I guess it's like David and Goliath! Milwaukee, just a few years ago, have FOUR Top40 FMs! 94-WKTI, Z95, B97 and WRKR! Now, only 94.5-WKTI remains! I always thought 100.7-WRKR was by far the best! Now, they're WBZN FM/AM (1460) and "Breezin'" with live new age/ jazz, the format of the year.

LaCrosse is a super radio market! 3 country stations (580, 1490 and 106.3), 2 Top40s, 1 light hits station, and a talk station! One sad thing about the bigger markets is that radio is so fragmented, it's pathetic! In Milwaukee we have three AdCons. One sounds close to Top40, one sounds like a regular AdCon, and one is "light." There seems to be no direct head to head competition! I think that is why I like to travel throughout the state and the U.P. You can really hear better, less stressful, more creative radio in the smaller markets. This, though, might slowly be changing! As you'll see through this article, AM radio has gone oldies and it seems everything on AM is satellite fed, while FM is very much alive! And one wonders why the audience is all on FM! Well, I guess that is enough from the editorial department for now-hi!

One more trend! AM's are all simulcasting FMs! Case in point! 900-WNND Wisconsin Dells is simulcasting 107.1-WNND-FM Wisconsin Dells with AdCon days/Top40 nights. The 900 kHz station was formerly a live c&w outlet in this popular mid-America resort town. 1460-WTMB Tomah was all local chatter with no music heard. I think WTMB-AM to this day, regrets selling 98.9FM, 98.9-WVCX, formerly WTMB-FM, is now WVCX with all religion! There were times WTMB sounded bad, but for the most part they were a good local AdCon. 103.3-WVRV Wisconsin Rapids "W103" is live AdCon. 104.7-WAXX Eau Claire is still one of the best country outlets you'll ever hear! With 100,000 watts and a very rural listenership! this station is always ranked #1. I don't think anyone could ever come close! The last casualty was 1400-WJJK Eau Claire. A 1000 watt AMer taking on a 100,000 watt FM? They did...they lost. WJJK is now AdCon, and believe it or not live! This is good!

The weather when I left South Milwaukee was sunny! However, once out of Milwaukee county it became quite cloudy. It would stay cloudy until LaCrosse! Minnesota and the trip back into the Dairy State were sun filled and temperatures in the 50's.

More stations and what they were doing! 1150-WAYY Chippewa Falls was oldies. 1130-DGY Minneapolis was sad to say, satellite country! A former AM powerhouse has come to this! I remember, I think it was back in 1974, when there were four Top40's in the Twin Cities! 63-KDWB, U-100 (W-YOO AM-FM Ritchfield), 1130-WDGY and 15-KSTP! Now, 630-KDWB is satellite oldies. 980-WAYL-AM Ritchfield (formerly WYOO-AM) is simulcast FM BFL music. 1130-WDGY is satellite country, and 1500-KSTP is all news/talk with a lot of that via satellite from ABC Talkradio! The old WYOO-FM is now 101.3-KDWB-FM Ritchfield and they are Top40.

1260-WWIS Black River Falls was standards/MoR. 97.1-1290 WCOW FM/AM Sparta is normally country. They were now running a tradie type program.

There was a surprise with 1360-WVRQ Viroqua! They had gone oldies! "Vintage VRQ" didn't sound bad at all! They, however, maintained their polka show at 10:30am! Can you imagine segueing from "19th Nervous Breakdown" by the Rolling Stones to the "Bear Barrel Polka" by Frankie Yankovic? Wow! The FM, 102.3-WVRQ-FM Viroqua was calling itself "Q102" though I never heard the station for some reason. The only way I know of this was from a cross-plug on the AM station. Maybe Top40?

100.1-WQJY West Salem-LaCrosse is BFL music, and one of only a handful of beautiful music stations left in Wisconsin! 102.3-WHTL Whitehall was country. 95.3-KAGE-FM Winona, MN was automated AdCon. 1230-KVNO Winona, MN was oldies.

Driving from Wisconsin to Minnesota one crosses the mighty Mississippi river! Believe it or not, it was all ice! Probably not for long given the temperatures in the 50's, but still it was quite a sight!

Another thing, once you're in Minnesota, is the majestic bluffs and rolling hills! Really nice and peaceful! Now, within the signals of the Rochester stations, it was time to check

out the dials! 1270-KWEB Rochester was live AdCon. 1340-KROC Rochester was live oldies, and 1520-KOLM Rochester was oldies channel via satellite. I guess I consider 1520-KOLM an improvement in the fact that it used to simulcast its FM sister, 96.7-KWVK Rochester with country! This stopped in 1987. 101.7-KRCH Rochester is automated AdCon, but really nice music. When you get to be 34 years old, you like this stuff a little more. I guess I still have a soft spot or good old Top40 though! 106.9-KROC-FM Rochester was live Top40 with Many "FM 107" mentions! They used to say "Stereo KROC" but now its "FM 107." 97.5-KNXX Rochester is educational.

Also heard: 107.9-KFMW Waterloo with Top40 and "FM 108-KFMW" fds. Minneapolis had a new AoR station in 104.1-KJJQ St. Louis Park, MN. They called themselves "Hot Rockin' 104FM" and the music seemed to be older AoR. 1060-KFIL Preston, MN is country, but I heard them with their "old time music" show. Polkas mostly. 99.9-KAUS Austin was "100 country" and was live! 650-WVAL Sauk Rapids was oldies and calling themselves "66-W-GOLD." Another oldies station. 970-KCHR Austin was satellite AdCon. I have heard this one at night from South Milwaukee, and it refreshing to hear music on AM at night, an not Talknet or ABC Talkradio. Still, I'm sad its on satellite!

780-WEAQ Eau Claire was standards/MoR. Now, I hit a town in Minnesota by the name of Minneiska. Population:132! That is one of the lowest population readings I have ever seen on a highway sign. I've often wondered what people in these small towns do. Are they retirement communities or what? 1010-KLSS Mason City IA was simulcasting the FM, and calling itself "Class 106" with an AdCon format. 1030-WM1N Maplewood-St. Paul-Minneapolis was satellite oldies from SMN, as was 1050-WISM Eau Claire-Chippewa Falls! WM1N was formerly live country, while WISM was formerly live AdCon. I don't believe either station is affiliated with an FM outlet. 1090-WMYD Rice Lake is still oldies channel from Transtar. 1080-KYMN Northfield, MN was actually live and calling itself "Stereo KYMN." AdCon format.

One of the best Top40's I've heard in some time was "994-WLOL" in Minneapolis! Mostly currents, and very, very uptempo. Good station! The other FM Top40 was "101-KDWB" Ritchfield-St. Paul-Minneapolis. Their approach seems to be more adult, and less hype. However, I am glad that the KDWB call letters are still associated with Top40 after all this time! Whether in the 60's on 630 or in the 80's at 101FM. Congratulations KDWB!

1430/95.9-WRON AM/FM Durand was still mono on AM and FM! Format runs from country to polkas. WRON, I'm sure, has quite a big farm audience. Also, while on the farm subject, many stations in this part of the country run quite a bit of farm programming during mid-days. Commodity prices, etc!

102.9-WLTE Minneapolis was softer AdCon and using the slogan "the Light FM." 106.5-KFMC Fairmount, MN was live Top40. 94.1-WAIL Eau Claire was live AdCon as "1-94" and was playing the old Dave Clark 5 song "Can't You See That She's Mine," which somehow doesn't really fit the sound of today's AdCon. 1-94 is also the interstate that runs through Eau Claire. 680-WOGO Hallie was country, and 1570-WKBH Holmen is nostalgia. 1590-WIXK New Richmond was country. 1380-KAGE Winona, MN is country. "AM 1360"-WMNE Menomonie, WI was country. 1320-WFHR Wisconsin Rapids was NDS-STDS-MoR. 1220-WTCN Stillwater, MN was "your Adult Gold Station." Minnesota Network news was carried at :55, and Mutual was aired on the hour. Funny thing was 1030-WM1N, also Minneapolis metro, was running Minnesota Network news at :00! 1190-KWMB Wabasha, MN was Mutual news at :00. 810-WJJQ Tomahawk was still c&w.

Sad to say 740-WRPX Hudson, WI, which had just gone on the air only a few years ago, is silent. When they were on the air, it was AdCon, and really not a bad station at all. I'm glad I logged it in January 1987! Only heard it once! 730-WJMT Merrill had a cash call. Jackpot: \$13,721! They were playing a few oldies, but were not oldies formatted! 730-WJMT simulcasts their FM outlet :WRZK! But, only the AM calls are used! They have been doing this for several years! 1490-WIGM Medford seems to be AdCon, yet "Hazy Shade of Winter" by the Bangles was played. Certainly, that isn't AdCon. There also was a promo for the American Country Countdown Sundays at 1pm. Simulcast with FM outlet. 1450-WDLB Marshfield was still AdCon.

Now I was driving through Stevens point at 4:45pm, and would head up to Wausau. Another disappointment! 1390-WRIG Schofield-Wausau dumped live oldies for satellite oldies from SMN. 1230-WXCO Wausau was the only live AM station in Wausau!

Format country vs live 101.9-WDEZ Wausau. WDEZ dumped automation for live programming only recently. 92.1-WJMQ Clintonville was satellite AdCon from SMN. 92.7-WDUX-FM Waupaca seemed oldies.

Coregulation has let 800-WDUX Waupaca stay on at night with its automated country format. I was quite far away from Waupaca, almost near Green Bay, and the signal was booming in! So, obviously, it doesn't have a night power of 7 watts-hi! 93.5-WNBK New London was still country, and 95.9-WJLW DePere-Green Bay is still automated country. There seemed to be a station on 96.3. Was this WYUR-Ripon in their long awaited frequency move? I heard 6 songs in a row before I finally became disgruntled with the station. My car doesn't have digital readout, so I really can't say what I was hearing! 99.3-WQWN Shawano was automated oldies-soft AdCon with a nice "FM 99" jingle being heard! 99.7-WSEW Sturgeon Bay was satellite AdCon, as was 105.3-WRLO Antigo-Grandon. 107.1-WQCO-FM Oconto was running a high school basketball game. Normally this station leans BFL.

It was now 7:30, and I was driving through Green Bay. 104.9-WKFX Kaukauna-Green Bay recently went SMN satellite oldies! For years this station was Top40 WKAU FM/AM! The station was recently bought by 1440-WNFL Green Bay, and they kept the Top40 format for about a year. I guess a low power job on 104.9 can't compete with 100,000 watt 101.1-WIXX Green Bay for the Top40 market... but they did for years and I always remember 'KAU being in the Top 3 in the Appleton-Oshkosh arb'trons.

The Green Bay scene looked like this: 1360-WGEE Green Bay, live country, 1400-WDUX Green Bay live oldies and 1440-WNFL Green Bay live AdCon. On the FM side: 98.5-WDUX-FM a BFL, while 101.1-WIXX Green Bay is live Top40, only going live in the past year or so. There are other stations that I'd with Green Bay in their legal ids, but I would say only 1, other than WJLW-FM has an impact. That would be 100,000 watt 105.7-WAPL Appleton-Green Bay. Format on this is Aor.

Maybe one of these years, I'll write a short article on why, if I had the money, I would never by a radio station in the Fox River Valley. That, with all the explanations would take the better part of a few pages-hi! But it is interesting, and informative! The Fox River Valley, in Wisconsin, lies just South of Green Bay to around Fond du Lac, on the Western shores of Lake Winnebago.

1050-WQWM Kaukauna was oldies channel and on at night also. This was formerly WKAU-AM. The nice thing about the 'KAU stations were the dial positions. AM 1050 and FM 104.9, thus there was a time when they said "105-KAU." Imagine living in Kaukauna, if you will. You have quite a few stations to listen to! However 104.9 is oldies, 1050 is oldies, and the oldies via satellite that you hear on 104.9, are also heard on 690-WLKE Oshosh, and 1170-WLKO Waupun! Both signals are audible in Kaukauna and in fact, 690-WLKE is in the same market for arbitron purposes. Kaukauna and Oshosh might be 25 miles apart!

102.3-WQTC Two Rivers-Manitowoc was running basketball. 103.1-WKTT Cleveland was automated country. WQTC was a former Top40 giant in the lakeshore area for many years as "Q102." After being bought by 1240-WQMT Manitowoc-Two Rivers, the Top40 was canned in favor of satellite AdCon. From Green Bay to Port Washington, there is no LOCAL Top40 station! Very sad! 1240-WQMT by the way is AdCon also. 1590-WTRW Two Rivers-Manitowoc-Mishicot is polkas. So is 1570-WRJO Appleton, they are also 24 hours a day!

Others in a quick wrap-up: 107.1-WFON Fond du Lac was live AdCon, 1330-WHBL Sheboygan is live AdCon, 980-WCUB Two Rivers is live country, 92.7-WAUN Kewaunee is polkas. I got home at 10pm, and the odometer read 23895.3, 784.3 miles in one day, and I was tired! Thanks for coming along though!

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.

Memory of radio is crystal clear

FOR THE PAST several days, as I mentioned here Sunday, I haven't been allowed to read very much because of an eye ailment. Part of my usual reading time I've spent listening to the radio and now I've ended up thinking about Roland Pearce's crystal set.



LEON HALE

I counted the crystal set to be an amazing contraption, because of the circumstances under which it was built and operated. That set remained my favorite apparatus until the day I went into the back shop of a country weekly newspaper and met up with a Linotype machine. I still think the Linotype is a marvelous invention, even after the computer age has just about put it out of business. But never mind Linotypes today. We are dealing with Roland Pearce's crystal set.

It seemed appropriate to us all that Roland would be the first in our neighborhood to build a crystal set. He did it in 1932, or somewhere around there. Roland was advanced in such matters, at least compared to the others of us.

When we were building ordinary three-sticker kites, Roland would build box kites that didn't need tails and nobody could understand why they flew. He would make model airplanes and rig their steering some special way so that they'd fly all the way around the schoolhouse. He had a tiny steam engine with a whistle and he installed it in a miniature race car.

He wasn't any good at baseball but he could explain why a curve ball curved. In school he made low grades in most subjects, and A's in the ones he was interested in. I remember one day he got up in class and told in detail how an automobile ran, and that was the first time I came close to understanding it.

When the word circulated that Roland had ordered a crystal set, or ordered the parts he needed to make one, a bunch of us began hanging around, waiting for the package to come in. The idea of radio was still fresh then. In our town at that time radios were already playing in a good many homes, but not in mine. (Not in Roland's, either.) I had been in homes where radios were, sure. We had a neighbor with a radio but listening to it wasn't much fun because the thing was in the jealous control of a stern-faced father who did all the tuning and acted generally as if he had invented the entire idea of radio receiving. Sometimes he would glare at you, as if you were listening too much or too hard and might wear out the set.

Not long ago one of my sisters reminded me of a radio curiosity I had forgotten — how she used to go out and sit in the grass, up close to the hedge of one of our neighbors, so she could hear the radio when *Amos 'n' Andy* came on. We had that deep a yearning then to hear sounds other than our town.

Something I haven't forgotten is the time Roland Pearce's crystal set drew its first words out of the night and caused them to be heard in our little town. Half a dozen of us were there with Roland to witness the miracle.

I remember just two features of the crystal set. The crystal itself with its tiny detector needle, and the headset which had only one earpiece. What I could never forget was Roland's round face and its brown eyes, normally solemn and knowing. But that night they glittered with excitement.

Those of us on hand to witness couldn't hear the words. We tuned in by watching Roland's eyes. He would move the tiny needle here and there over the crystal, searching for intelligent noise. When it came, we knew. We couldn't hear it but we read it in those eyes.

picture show with us on Saturday afternoon, constructing an apparatus that pulled a human voice all the way from Mexico to the back porch of a frame house 90 miles west of Port Worth.

I wonder what scientific or technical miracle would need to occur in the lives of young people now, to provide them the thrill we got from Roland Pearce's crystal set.

Houston Chronicle,
via Isaac W. Eaves

Need to re-
new? Ex-
pired? The
mailing
label will
tell you.

THE MORGANTOWN POST,
MORGANTOWN, W. VA.,
THURSDAY AFTERNOON,
FEBRUARY 16, 1939

RADIO ROUNDUP By GEORGE MAKSIAN

WNBC R.I.P., 1922-1988

It's all over! They pulled the plug yesterday on WNBC-AM at exactly 5:30 p.m. — after 66 years of broadcasting. The call letters and the familiar NBC chime (the notes G, E and C) have been sent to the archives. All that's left is "Imus in the Morning," which will heard on the same dial position (660), but as part of the new lineup of WFAN, which has moved down the dial from its former home at 1050. That position was taken over by the Spanish Broadcasting System (WSKQ), which subsequently made a swap deal with the Jewish Forward's WEVD (97.9 FM). That switch is expected to take place Oct. 21. In the meantime, Spanish music will be played on 1050 under the call letters WUJQ.

WNBC's history dates back to 1922, when it began as an experimental station, W2XY. The call letters were changed to WBAY when the owners received a permanent license. Later, it became WEAJ and then WNBC. For a while, it was known as WRCA (a nod to the then-parent company, RCA) and switched back again to WNBC in 1960. Its roster of personalities ranged from Jack Benny and "Amos 'n' Andy" to *Walter Winchell* and *Big Boy*.

On hand for yesterday's finale were *Bill Cullen*, *Gene Rayburn*, *Ed McMillen*, *Leo Leonard*, *Bob Fitzsimmons* and *Buffalo Bob Smith*, among others. Imus himself performed the ceremonial switch throwing, out at Shea Stadium, after which WFAN took over with its regular sports coverage.

-via Pete Kemp



AP photo

Radio announcer Alan Colmes of WNBC-AM in New York holds an NBC chime given to him Friday by Lesley Gallo of NBC Enterprises, left, and Roland Woerner of the Today Show. WNBC signed off the air Friday after 62 years of broadcasting.

-via George
Nitshe, Jr., M. D.

Tonight's Chain Radio Program

8:00 P. M.
WEAF—Opera Guild; (8:15) Children's Stories; (8:30) Sports; Bill Stern; (8:45) Sweet and Low.
WJZ—"National Defense," Brig. Gen. George C. Marshall; (8:55) Patricia Gilmore, songs; (8:59) Tito Swing Ensemble; (8:45) Lowell Thomas.

WABC—News and Sports; (8:15) Howie Wing; (8:30) Bob Trout; (8:45) Nan Wynn, songs.

7:00 P. M.
WEAF—Amos, 'n' Andy; (7:15) Vocal Varieties; (7:30) All-Star Revue.

WJZ—Easy Aces; (7:15) Lost Persons; (7:30) Adrian Rollins's Orchestra.

WABC—County Seat; (7:30) Science Adventures; (7:30) Joe Penner with Folkack Orchestra.

8:00 P. M.
WEAF—Rudy Vallee's Orchestra.
WJZ—Prelude of Progress; (8:30) Eastman School Concert.

WABC—Kate Smith's Show, 9:00 P. M.

WEAF—Glow News of 1938 with Frank Morgan, Fanny Brice, Robert Young, and Meredith Willson's Orchestra.

WJZ—Eastman Concert, cont'd; (8:30) Town Meeting; "The 20th Century Civilization Improved Mankind."

WABC—Major Howe's Amateurs, 11:00 P. M.

WEAF—Bing Crosby and Bob DeWitt, with Trolley Orchestra.

WJZ—Town Meeting, cont'd; (10:30) Minnie Show.

WABC—Gene Autry and Walter O'Keefe with Kostelnick's Orchestra; (10:45) American Viewpoints.

11:00 P. M.
WEAF—Bob Howard, songs; (11:30) Country Orchestra; (11:30) Blues Orchestra.

WJZ—Savitt Orchestra; (11:30) Clinton Orchestra.

WABC—Fisk; (11:15) Dorsey Orchestra; (11:30) Calloway Orchestra.

What is the Air Tomorrow
When to expect Friday: National Farm Institute—WJZ-NBC, 12:30 p.m. Farm and Home Hour; WOR-MBS, 2:15, Secretary of Labor Frances Perkins discussing prices and production.

WEAF—10:15-11:15, Let's Talk It Over; 3:15, Ma Perkins; 5:15, Your Family and Mine; WABC—CBS—2:30, School of the Air; 4:15, Mattinson Promenade; 4:30, March of Games; WJZ-NBC—1:45, National Wild Life Program; 2, Music Appreciation Hour; 4, Club Melrose.

Museum displays radios, TV sets, cameras and more

By Preston Lerner

It was Dec. 2, 1983 — his 37th birthday — and it just may have been the worst day in Bill Bragg's life.

Two years earlier, he had presided over the triumphant grand opening of the Texas (later the National) Broadcast Museum. Now the museum, which he had almost single-handedly transformed from personal dream into public reality, was being evicted from its home in the West End Historic District.

"I was crying when I left the building," Bragg says, "and I said, 'I don't know how I'm going to do it, but I'm going to reopen . . . and it's going to be 10 times better than it was.'"

Last May, Bragg made good on his promise. Not only did the museum reopen in slick, spacious new quarters in the Dallas Communications Complex in Las Colinas, it also was 10 times better than the old one.

In fact, the restyled and renamed National Museum of Communications is one of the finest facilities of its kind in the nation, featuring an unrivaled and highly eclectic collection of everything from a microscope Thomas Edison used to examine phonograph needles to a 70-foot-long control console used by Voice of America to simultaneously broadcast two programs in 28 languages.

Operations manager Jim Long says, "I believe we have more equipment — especially commercial broadcast equipment — than any other museum in the country."

Most of the handful of other broadcast and communications mu-

Museum info

The National Museum of Communications is in Suite 123 of Building 4 at the Dallas Communications Complex (at the corner of Royal Lane and O'Connor Road) in Las Colinas. It is open from 10 a.m. to 4 p.m. every day except Monday. Admission is \$2 for adults and \$1 for senior citizens and children between the ages of 12 and 38. Children under the age of 12 are admitted free. Admission for groups of 20 or more is half-price.

seums tend to specialize in software rather than hardware. Even the renowned Museum of Broadcasting in New York City is primarily an archive for old film and tape rather than a museum devoted to equipment.

The National Museum of Communications has its own share of archival material — for instance, about 32,000 historic phonograph records, thousands of electronics magazines dating back to the '20s, and hundreds of books, films and audio news tapes.

But its main thrust isn't what was communicated, but how it was communicated. And the difference between these two contrasting philosophies is evident as soon as visitors step into the 8,500-square-foot museum, tucked into an easy-to-miss corner of Building 4 at the communications complex.

To the right, against a wall, is a massive 5,000-watt radio broadcast transmitter first used by KDFT-AM in Wichita Falls in 1938. Straight ahead is a 1964 RCA color television studio camera mounted on a Panoram dolly (more commonly called a crane). The lens is aimed at a wooden, horseshoe-shaped console used at WOAI-AM in San Antonio from 1938 to 1979.

Part of the beauty of the museum is that it's more than merely a visual experience. And more than merely an aural experience. In fact, patrons are encouraged to touch, pick up and clamber over any of the many hands-on exhibits — the ones marked with green dots — in the collection.

On the WOAI turntables are a pair of transcriptions — 16-inch discs containing 15 minutes of music and commercials. Flip a switch and lower the needle to the spinning record, and you'll hear a cheerful voice boom. "Live from New York City, your Army and your Air Force presents the Woodchoppers Music Shop, starring that No. 1 handleader and bopmaster, Woody Herman."

The label on the Stars on Parade record contains a warning from the producer, the Recruiting Publicity

Sunday, September 25, 1988

The Dallas Morning News

Bureau: "Do not broadcast after Sept. 29, 1950."

There are modern computers to play with, old Teletype machines, party-line telephones, early-generation microphones, even a wood-and-string sound-effects contraption that mimics the sound of marching soldiers on parade.

It's a far cry from the modest collection that prompted Bragg to come up with the idea for a museum in 1979. "All I had was \$25, 46 Edison phonographs and an idea: to preserve the history of broadcasting," says Bragg, a veteran news engineer at KDFW-TV (Channel 4) with a lifelong yen for broadcasting artifacts.

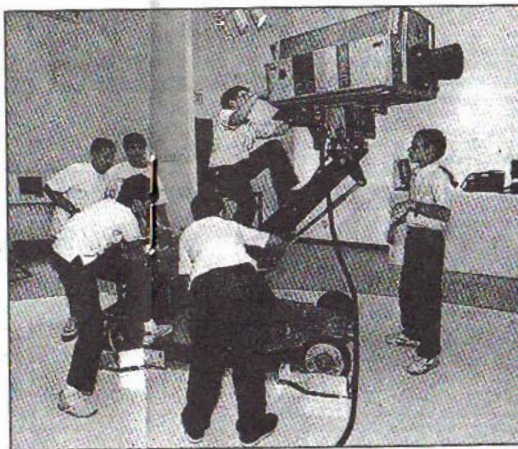
By the time he actually opened the museum in 1981, Bragg's collection was still modest enough to fit in a single U-Haul truck. Two years later, when the museum closed, donations had increased the size of the collection so that it took 21 moving vans to haul it all away.

This marked the start of four frustrating years in the wilderness, as Bragg searched unsuccessfully for donations to fund a new home for the museum. "Without a permanent home, nobody would talk to him," says Trammell S. Crow, who now chairs the museum's board of trustees.

Eventually, Crow solved the problem by providing rent-free space at Las Colinas. Donations from other sources — about \$750,000 — enabled Bragg and fellow volunteers to create a facility that bears no resemblance to the one it replaced.

"The downtown location was put together literally piece by piece, and it was painted as high as we could reach. I made every table, and my mother draped them with cloth," Bragg says. "It's not a mom-and-pop museum anymore. But the mom-and-pop love is still there."

While the old museum was like a homey curio shop filled with broad-



The Dallas Morning News—John F. Rhoads

A hands-on visit at the National Museum of Communications.

The Dallas Morning News, via Wally Wawro

casting souvenirs, the new one allows visitors to take a well-guided, educational journey through the history of communications, from hieroglyphics to VCRs.

Along the way, you can see a Bible printed in 1611; a 1930 RCA-Victor Electrola V that not only played records but cut them as well; a mid-'50s Philco Predicta floor model TV that looks as if it belongs in *The Jetsons*; a Bell & Howell movie camera used by Charlie Chaplin in 1927; a prototype for the first transistorized radio (with a clear plastic case to show off the absence of vacuum tubes); a Stronberg-Carlson telephone switchboard used in Petrolia, Texas, until

1959; the lapel microphone worn by Walter Cronkite during his last broadcast as CBS anchorman; and the Gibson hollow-body electric guitar Bill Haley used to record *Rock Around the Clock*.

And as much as there is, Bragg says it isn't enough.

"On the night after the museum opened, somebody said to me, 'Well, you did it. It's finally finished.' And I said, 'No, it's not finished. It'll never be finished,'" Bragg says. "We're going to do something new every day."

Preston Lerner is a Dallas-area freelance writer who frequently contributes to *Today*.

The Topeka Capital-Journal, Friday, October 7, 1988

Broadcast history a nostalgia trip

WASHINGTON (AP) — This news story can tell your age.

You're 50 or older if these words move you to memories of staring at a mahogany box and hearing:

• "Tain't funny, McGee."
• "Good evening, Mr. and Mrs. North America and all the ships at sea. Let's go to press!"

• "The house lights are being dimmed. In a moment, the great gold curtain will go up."

• "Hi-yoo, Silver, awaaaay!"
That, of course, was radio — radio in its prime time, the 1940s and 1950s, when every evening cities would fall silent and a visitor strolling the tree-lined streets of middle America, on a summer's evening, could catch, without missing a beat, the 15-minute drama of Amos 'n' Andy pouring out of living room windows. In the Depression years, one-third of a nation tuned in.

A nostalgia-bathed exhibit opening today at the Smithsonian Institution's National Portrait Gallery recalls the pioneers of radio and television and the programs that generations of Americans tuned in on and grew up with.

The show's curator is Amy Henderson, a historian of the 19th century who got her doctorate in Jefferson studies. She is a baby boomer, and although she thinks she remembers "The Shadow" ("Who knows what evil lurks in the heart of man?"), her earliest firm memories are of television's Kuklapolitans and of the men in gasoline station attendants' uniforms who used to bring on Milton Berle.

"It is nostalgia to you," she told a visitor 10 years her senior. "But it's history to me."

Off and on for five years, Henderson scoured the closets of broadcasters for artifacts. She put the show together with help from New York's Museum of Broadcasting. It will run through Jan. 2.

The exhibit's purpose is not to wallow but "to trace the impact of radio and television personalities on American culture" from the turn of the century to the Kennedy-Nixon debate. The museum says the inventions of radio and television are about as important as Columbus' landing in the New World.

The exhibit offers artifacts of broadcasting: a Kate Smith gown, a Howdy Doody puppet, Rudy Vallee's megaphone, Sid Caesar's German Professor costume, a bejeweled Liberace outfit, Dave Garroway's bowtie. It's a clip-on. Radio buffs get to see what they did not need to see — photographs of those who widened their world. They get to see the device that created an awful racket when Fibber McGee reached for the door to the hall closet at 79 Wistful Vista, and millions of Americans, at their radios, tensed. What made that noise of a closetful of possessions falling atop Fibber was a chicken-wire covered barrel, churned by a sound effects man.

Fibber's wife, Molly, would respond, "Tain't funny, McGee."

The museum says the inventions of radio and television are about as important as Columbus' landing in the New World.

and people everywhere chuckled because it was funny.

As for those other catch-lines of radio:

• "Good evening, Mr. and Mrs. North America and all the ships at sea." That was Walter Winchell, the inventor of the gossip column, signing on for 15 minutes of frenzied chatter, his finger clattering a telegraph key between items, and hot news introduced with a barked "Flash!" Twenty million people tuned in.

• "The house lights are being dimmed." That would be Milton Cross, introducing the Metropolitan Opera to a nationwide audience, most of whom probably never would see the inside of an opera house. His virtuoso performance, every Saturday afternoon for 45 seasons, demonstrated the democratization of culture that radio made possible.

• "Hi-yoo, Silver, awaaaay!" With that fading call, the Lone Ranger, who fought evil in the old West with silver bullets, galloped off. He and his ever-faithful Indian companion, Tonto, played on radio for 2,956 episodes, from Jan. 30, 1933, to Sept. 3, 1954. They lasted on television from 1949 until 1957.



The Dallas Morning News—John F. Rhoads

The communications museum in Las Colinas has books, records, films and tapes, but it specializes in hardware.

KMRY goes country, runs KRNT commercials

By WALT SHOTWELL

Register Staff Writer
Would Ford advertise Chevy? Would Miller Lite pitch Budweiser? Would Firestone list Goodyear on its letter-head?

No? Then howcum KMRY radio carried commercials for KRNT radio?

A few days ago, KMRY, which had been featuring big band music, changed its format to country music, simulcasting with KJJY-FM. In fact, the combined stations are known as KJJY AM and FM, said J. Michael McCoy, morning disc jockey and general manager.

KRNT is continuing to feature big band music, so why would KMRY accept ads designed to pull KMRY listeners over to KRNT?

"KRNT advertised on my station for one day prior to the change," McCoy replied. "I'm a programmer first and a businessman second. It seems that every businessman thinks I was an idiot, but that's OK."

"From a programming standpoint I knew there were a tremendous number of people out there who are loyal to KMRY and were very upset. By accepting the advertising and through our own encouragement of asking people to

turn over [to KRNT] the day after the change, I was hoping to at least direct them to a place where they could find similar music.

"I guess I did it as a service to my listeners. Those people aren't any happier with me. They listened to me instead of KRNT because I was their first choice. I didn't solve their problem; I gave them an alternative."

Wouldn't KMRY likely have lost its big band fans to KRNT anyway?

"Yeah," McCoy acknowledged, "but that was a cold-hearted way of looking at it. I wanted to at least direct these people in some manner to help them through [the format change]."

"I charged KRNT my lowest rate available and gave them the highest available [number of spots]."

Al Rockwell's days as a radio personality date back to the 1930s, and he can't remember any occasion when one Des Moines radio station advertised on a competing station. He's now retired, but still a listener.

"I thought it was pretty weird," Rockwell said of hearing the KRNT commercials on KMRY.

"I think it was a good marriage," said Steve Gibbons, a KRNT personality and program di-

rector. "They got the money, and we got a chance to talk to their listeners."

Gibbons agreed that one station's advertising on a competing station is unusual, but he said he heard such an advertisement once before, in Denver, when a country music station advertised on a station that was switching from country to "oldies."

Gibbons said the number of phone calls KRNT is receiving indicates the ads on KMRY did some good, that listeners are phoning for information and to straighten out their confusion about the two stations' formats.

KRNT has been running ads in the Des Moines Register, also, inviting KMRY listeners to switch to KRNT. The two stations are very close on the dial. KMRY is 1390; KRNT is 1350.

Ford Roberts, who emcees a big band show on KRNT every Saturday morning, said KRNT is the city's most listened-to station with the over-35 group from 6 to 10 a.m. on Saturdays and second only to WHO during those same hours on weekdays.

Guests appearing on Roberts' Saturday morning show often include Jim Bowermaster, billed as the "clown prince of trivia," Ray Marks of Perry, a collector of classic big band music, and John Connors, an Iowa legislator and big band buff.

Bob Beers, who did a daily "drive time" stint on KMRY, will stay on as a promotion adviser and account executive.

Vulgarity, gospel music don't mix; deejay fired

By Larry Lee
Forrest City, Ark., Bureau

A two-year employee of radio station KAWW-FM in Heber Springs, Ark., has been fired after a gospel music broadcast was briefly interrupted by vulgarity, station manager Chuck Howell said.

Howell declined to identify the disk jockey but said the announcer, the disk jockey whose show was on air at the time, didn't realize at the time of the profane broadcast that his voice was on the air.

Heber Springs is about 135 miles west of Memphis, next to Greers Ferry Lake.

The 21-year-old station normally plays country music except for one hour six mornings a week and three hours each Sunday morning that are devoted to religious music, Howell said.

Jeff Pearson of Memphis, who was driving in the Heber Springs area Sept. 25, said that about 7:55 a.m. that day he heard about 30 seconds of "explicit sexual sounds" that he described as "grunting." He said he also heard a second voice speaking profanely, all against a background of gospel music.

"It was almost like somebody had a sheet of crude sayings," Pearson said, "reading down a list of foul things to say."

Howell said there was "some stuff going on" in a production room at the time the disk jockey's voice went out over the air. He did not elaborate.

A line from that room feeds into the control room, Howell said, and the announcer didn't know he could be heard.

"We got several (complaints), yes," Howell said. He said he fired the employee the same day even though the broadcast was a mistake.

Federal Communications Commission lawyer Roger Holberg of Washington said Monday the agency had not received any listener complaints about the incident.

Edith Wise, chief of the FCC's complaints and investigation branch, said the agency could fine radio stations up to \$2,000 for "indecentcy" but added that a complaint would have to be filed before the agency could take action.



KCCN Celebrates 20 Years of Hawaiian Music

In the highly competitive world of radio, it's quite something for a station to stick to the same format for 20 years. It means even more when the station's commitment to that format reaches into the life of the community it serves and beyond.

KCCN Radio, 1420 on the AM dial is that kind of station. KCCN is the only all-Hawaiian radio station in Hawaii and the world, filling the airwaves 24 hours a day with the sounds of Hawaii. In addition to that, the station has sponsored and supported a number of projects intimately concerned with the survival and the current flowering of the Hawaiian musical form. Island composers began to stretch musical boundaries and people became interested in the music produced early in this century, the station felt it was important listeners hear the full range of accomplishments.

So gradually the format came to include chants old and new, hapa haole selections (music with Hawaiian and English lyrics) on up to the latest inspirations by Hawaii's newest generation of composers and musicians.

This is an ambitious goal, trying to present the full range of Hawaiian musical effort, and it is done well.

KCCN initiated a major aural history of Hawaiian music under the auspices of the Bank of Hawaii, and was later selected by the Library of Congress for inclusion in its collection of indigenous American music. KCCN also created Hawaii's equivalent of the famed Grammy Awards, called here Na Hoku Hanohano (The Stars of Distinction). And the list goes on and on.

This kind of dedication to the whole spectrum of Hawaiian music has lifted KCCN Radio to a new level of communication.

KCCN has always selected a roster of well-known air-time personalities from its early days which included Kent Bowman, K. Hilo, Lucky Luck, Doug Moesman, and Myrtle Myrtle.

Currently manning the mikes for KCCN are Alan Awana, Brickwood Galuteria, Russel Kaneauka, Dave Lancaster, and Noe Tanigawa. The dedicated disc jockeys at KCCN have a special love of Hawaiian music, and it's a quality listeners pick up right away.

Whether you are interested in hearing chants from the past, the steel guitars of the '20s and '30s, or the contemporary songs of Hawaii's youngest composers, KCCN has it all. For more information on KCCN call 536-2728 or tune in to KCCN at 1420 on your AM dial.

—Candace Charlot
for KCCN radio

KCCN-1420AM

Hawaii's only all-Hawaiian music radio station
Celebrating 20 years of Hawaiian Music
24 HOURS A DAY
ON
KCCN-1420AM

...disc jockeys at KCCN have a special love of Hawaiian music...

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

AM Stations

WABC	770	Talk/News	WCTO	84.3	Easy Listening
WALK	1370	Adult Contemporary	WDRE	92.7	New Music
WBAB	1240	News/Rock	WESE	197.9	Adult Contemporary
WCBS	880	News	WEYD	97.9	Big Band/Nostalgia
WFAN	680	Sports	WEZN	99.9	Easy Listening
WFAS	1230	Talk/Oldies	WFAS	103.9	Adult Contemporary
WFDU	98.1	Music/Public	WJAZ	96.7	Jazz
WGSN	740	Adult Contemporary	WFMU	91.1	Varied
WHLL	1100	Oldies	WFUV	90.7	Fordham University
WHCC	900	Adult Contemporary	WHYZ	100.3	Top 40
WINS	1810	News	WKCR	89.9	Columbia University
WLIR	1190	Talk/Caribbean	WKLY	98.3	Adult Contemporary
WMCB	570	Talk/News	WLNG	92.1	Oldies/Contemporary
WNEW	1130	Adult Contemporary	WLTV	106.7	Light Contemporary
WNJR	1430	Rhythm and Blues	WNCN	104.3	Classical
WNYC	530	News/Talk	WNEW	102.7	Rock
WOR	710	Talk/News	WNSR	105.1	Soft Rock
WPAT	930	Easy Listening	WNWK	105.9	Multi-ethnic
WQXR	1560	Classical	WNYC	93.9	Classical
WRCN	103.9	Rock	WNYE	91.5	Community Services
WRHD	1570	Nostalgia	WPAT	93.1	Easy Listening
WVOX	1490	Talk/Nostalgia	WQCD	191.9	Contemporary Jazz
WALK	97.5	Adult Contemporary	WQHT	97.1	Top 40/Urban
			WQXR	96.3	Classical
			WRCN	103.9	Rock
			WUPR	95.5	Top 40
			WVLE	99.1	Comedy/Rock
			WVLU	88.7	Hofstra University
			WRKS	98.7	Urban Contemporary
			WRTN	93.5	Big Band/Nostalgia
			WUSB	90.1	Public Station
			WVWB	107.1	Top 40
			WXRR	92.3	Classic Rock
			WYNY	102.5	Country
			WZFM	107.1	Top 40

FM Stations

WBAB	102.3	Rock
WBAI	99.5	Varied
WBAU	90.3	Adelphi University
WBAZ	191.7	Adult Contemporary
WBGO	88.3	Jazz
WBLI	106.1	Adult Contemporary
WBLS	107.5	Urban Contemporary
WBOS	101.1	Oldies

New York Times, 10/23/88. Note that the two religious stations (WJIX-540 and WJRL-1600) in NYC, as well as adjacent WMDJ-970 (Hackensack) have been omitted.

--via Ed Janusz

Here is a clipping from the Des Moines, Iowa paper of a few days ago. It seems pretty interesting to have one AM'er advertising on another.

KMRY - ex KCBC - and according to the report now "KJJY-AM" is a 1,000 watt full time station on 1390. It's antenna is a four tower array located east of Des Moines, slightly, in the suburb of Pleasant Hill, and beams about directly west. The transmitter is located on low ground near Four Mile Creek. When it was built just after WW-II the equipment was installed above a tall basement for obvious reasons. When I worked there as "combo" from April, 1954 to August of 1962 there were some times when I went in by boat. By the way, the height of the corn surrounding the tower field did have its effect on the tuning of the antenna system.

I also worked for KMRY for a couple of years - VERY part time - in the early 1980's. In fact I was part time when they changed the call from KCBC to KMRY.

KRNT is a 5,000 watt fulltime station on 1350. Its antenna is a three tower array. They are ND daytime and three towers at night with the main lobe, as I recall, about 330° true. It is located at S.E. 22(nd) and Park Avenue in Des Moines. That used to be a remote location, after moving down ca. 1940, from a location north of town on 6(th) avenue when they had a flat top "aerial." Now, however, there are apartment buildings but a stone's throw from the towers.

When the new transmitter installation was built KRNT 1350 and KSO 1460, a 5,000 watt full time ND day and two towers night, shared the main 350' tower all the time and at night there used to be a fourth tower at S.E. 22(nd) and Park Avenue that gave KSO its directivity. Pretty unique installation. The stations also shared studios and the whole operation was first class! Then came, I'm told, rules about monopoly and such so KSO was sold and totally moved away from KRNT in the 1940's.

I also worked for KRNT from the fall of 1965 full and part time and off and on until the early 1980's, as combo and even as on-call engineer between chiefs.

An early transmitter of KRNT's was an RCA L-D. Features included a switch in modulation 'scope, built in audio monitor speaker, and a control to switch the transmitter to a "phantom antenna!" What more could one want???????

Also, all of KRNT's outside the building wiring is underground, both power and antennae lines complete with a middle of the field access pit and even basements under the tuning houses!!!! and lighting power runs, monitor loops, communication lines, and all. The original ca. 1940 installation had wiring inside the building all encased in lead!

More on Des Moines stations - if there is any interest.

73, Tom Cruis, Ed.D. (KØHTF)

Heard It Through the Grapevine

Over-the-fence talk travels through the air waves in the Bush

By Tricia Brown --via Rod O'Connor



Peter Tutchell of KYUK radio in Bethel spins the records and reads "Tundra Drums" messages to listeners in the Yukon-Nuskokotin Delta. (Craig Lessner)

Alaska's most popular radio talk shows don't feature a witty host or a famous guest star. Their listeners are faithful, even fanatical, out in fish camps, mines, cook shacks, homes, far from the urban centers, waiting for the designated hour when the radio might crackle out a name so familiar it registers in a millisecond:

"To Moxie on the Iditarod River; Chet and Willie will be up Thursday morning, weather permitting."

"To Frank and Diane on the Inoko from Sabe in Manley; Hi, I'm on my way to Fairbanks. Just thought I'd let you know we're almost out of oil."

"The Miners Cafe will be open 'til midnight because of the snow machine race."

Technically, it's against the Federal Communications Commission rules, even illegal, to send such messages over commercial radio. But the FCC chooses to take a more liberal approach here because Alaska's remote areas are so well-served through their stations' people-to-people messages, says Louise Stewart, FCC's public service specialist in Anchorage. Because of this service, the United States and Canada have granted 16 Alaskan stations international communication status, protecting them from foreign broadcasting interference.

Across the state, the radio spots bear names like "Bush Pipeline," "Trapline Chatter," "Channel Chatter," "Caribou Clatter" and "Bush Messages." They serve a small, independent audience who's very dependent on the broadcasts. Many times, lives have been saved. When tainted potatoes made their way into several bush villages, "Tundra Topics" listeners got word the food was unsafe. In another in-

stance, the broadcast was a go-between for the health service, offering medical advice to the parents of a sick baby. In other instances, sanity has been preserved.

In 1970, KJNP in North Pole boosted its broadcasting power from 10,000 watts to 50,000 watts, giving this religious station the most powerful and far-reaching signal in the state. Its call letters stand for King Jesus North Pole and its message show is dubbed "Trapline Chatter," a service that's been part of the programming format since KJNP went on the air Oct. 11, 1967. Beverly Olson was reading the notes back then, and she's reading them today.

Olson's voice, and her individual laugh, are familiar to listeners throughout the Interior and as far away as Barrow, Nome and Dillingham. Since the introduction of satellite television in the villages, radio reception has worsened for people who live on the outer reaches of the signal, but they still tune in.

Olson has met quite a few of her listeners who tell her about life in the village homes where everybody is quiet at 9:20 p.m., from the oldest to the youngest. The people who live in solitude tell her they've been talking back to her for years, and appreciate her sense of humor.

"If you're living in the Bush and you're alone and you've got nothing to laugh at all day, it really gets to you," Olson says. "I've got kind of a funny laugh."

On the serious side of the job, Olson remembers the time she heard about a boy at Birch Creek who was suffering from a severe illness; she can't remember what it was, but he was bad. "They were unable to get out of Birch Creek," she says. "It was ice fog, deep cold,

No planes were coming or going. A nurse from Port Yukon called KJNP several times with messages on how to care for him, how to keep him alive until they could get him out of the village. It saved his life."

Olson and her assistant, Julie Arststead, read about 30-35 messages a night, with no word limit. On Christmas and New Year's, the station receives a high of about 100 messages, and they read them all. Snide remarks or messages that seem to have an ulterior motive are edited out.

After 20 years of practice, Olson feels a special bond with "Trapline Chatter" regulars. "Sometimes you feel like you know them because you've talked to them and read their messages," she says. "It's like reading somebody's mail."

Try as he might, cheechako disc jockey Lee Russell just couldn't get the hang of Alaskan names. When Russell was hired at KFAR-Fairbanks in 1963, part of his job was airing "Tundra Topics," the longest-running radio message show in the state. The man from Iowa stumbled over Lake Minchumina; he slurred his way through Anaktuvuk Pass; he slaughtered Tanana and Nenana. But he plowed on through the minefield of syllables, apologizing for his errors only when he recognized them.

During a live broadcast of a sled dog race, he even called veteran musher George Atla the Hussee-la Hustler, as opposed to the Huslia (hoo' sleea) Hustler. Seconds later, the producer's voice came over Russell's headphones: "Hey over there at checkpoint three. Knock off the village names."

Then there were the callers from "a certain watering hole" who wanted to make sure their messages were read on the air. Russell did his best to reproduce what they said, syllable by syllable, and in effect sounded like he'd

It's like reading somebody's mail.

just come from the watering hole himself.

"The first two or three months, it was murder," he says with the characteristic laugh that's become Russell's trademark. "I butchered more villages than Custer. They couldn't wait to get their hands on me in the villages."

Later in his career, Russell traveled into the Bush more often and was glad to meet some of the folks he had been talking to. "In the tales, they didn't get into town that often," Russell says. "They might be sitting there for nine months and that was it. They just had old 'Tundra Topics' for company."

"Tundra Topics" was on the air for 37 years altogether, dying out in the mid-1970s, when stations with stronger signals sprang up. Despite his moments of embar-

assment, Russell admits he misses the old days at KFAR. "The stuff we did then was gut broadcasting, seat of the pants. In 1963, there were two radio stations in town. You could try anything and if it didn't go over, people didn't have much choice."

The disc jockey couldn't believe he was talking to a man who was standing at the 14,000-foot level of Mount St. Elias. But he was. Bob Jacobs had managed to reach KCAM's "Caribou Clatter" through a marine band radio patch and a helpful operator. The message: He just wanted to assure his wife that the climb was going well. She didn't need to send a plane for a fly-over.

At home in their remote property, 160 miles from the point of broadcast, Babbie heard the message on "Caribou Clatter."

For Bob and Babbie Jacobs, the KCAM program serves them both personally and professionally. During the past 10 years, the couple have operated a guiding business out of the McCarthy area. They often use "Caribou Clatter" for contacting their customers as well as their friends.

But as anyone who's ever played the children's game "Operator" knows, communication by relay isn't ideal.

There was the occasion a writer from *Time* magazine sent a radio message for Bob and Babbie to call right away, not realizing they didn't have a phone or he could have called them himself.

"We have to get in the airplane, go 75 miles to McCarthy, hitchhike 5 miles and hope the phone works."

Dan Zachary, operations manager at KCAM, figures the Glennallen station airs about 10,000 personal messages a year to the people of Gufkana, Gakona, Sourdough, Paxson, Copper Center, Chitina, McCarthy, Sheep Mountain, and more. They deliver radio messages for people like the Jacobses, who arrange hunts and must schedule pickups and drop-offs. They transmit flight connections to bush destinations, messages from dentists who are reconfirming appointments, they send birth announcements, happy birthdays or anniversaries. They even let people know when their auto parts or Sears catalog orders

Radio Pirates' Return Proves Short-Lived

Radio New York International (RNI),

the group whose unauthorized broadcasts from a ship anchored off New York caused the FCC fits last year, was back on the air briefly last week.

The radio pirates broadcast for four nights on 1620 kHz before shutting down Monday night (10/17) on orders from the Coast Guard, which was carrying out a federal court order issued at the request of the FCC. The RNI ship "Sarah" was anchored in the same position it used for its July 1987 broadcasts when the Coast Guard vessel arrived. Unlike last year, when federal

arc in. "Here, it is a legitimate need in the community," Zachary says. "I can hardly think of a day when we don't have any at all." The messages come in 24 hours a day on a phone recorder, and are transmitted four times a day with each newscast. Each message is read on two broadcasts. The toughest rule is that the notes have to be from somebody to somebody. Zachary says. No name, no go.

"We won't run a message like, 'To so-and-so, from your neighbor. Your dogs are loose again. Please tie them up.' Because the guy will come in and say, 'Hey, my dogs were tied up. Who sent that?'" While Bill Jacobs appreciates the service, he says the no-name policy has messed up a meeting or two with his customers. He usually reminds the incoming people to leave a rendezvous message at the radio station before they leave the city. But if they don't give a name when they call, it won't go on the air. Jacobs hears: "You got a Clatter from some people, but they didn't leave their names, so we're not going to read it." A hundred miles from nowhere, Bill and Babbie stare at each other until

reality sets in, then fly into town and wait at the end of the road. The station's 5,000 watts are non-directional and can cover an area about 120 miles in diameter, and even farther at night. In these parts, tuning in to 790 AM is like taking the pulse of the community. Says Zachary: "It's a local gossip line. All of the people who do get messages listen regularly; some listen just for fun."

Speaking for the people who use the message service, Jacobs says it's great, but it's kind of like shouting a private conversation across a crowded room. "You have to remember that everyone is listening. Sometimes you have to create some codes so the entire valley doesn't know everything that's going on in your life."

That's just what they did when they told friends in McCarthy that Babbie was pregnant. The message read: "We're expecting a visitor—either Beelzebub or Euntice."

The rest of the valley could only guess. ☼

Tricia Brown is the Regional Editor of ALASKA magazine.

FCC Proposes Nighttime Changes For AM

• R&R October 21, 1988

As part of its ongoing AM improvement effort, the FCC last week proposed four changes to its AM nighttime operation rules.

The most notable proposal is a plan to give former daytime-only stations more flexibility as they attempt to expand their nighttime operations. The proposal would allow Class II-S and Class III-S AMs to establish a separate nighttime antenna system or site without having to meet the minimum power, city coverage, and minimum operating schedule requirements that generally apply to such changes in nighttime operations. As part of that proposal, the Commission also suggested allowing Class II and Class III stations to voluntarily reduce power below the minimum nighttime level of 250 watts.

Class III-S stations are former daytime-only stations on regional

channels that operate below minimum power at night. Class II-S stations are former daytimers that operate in a similar fashion on clear channels.

The Commission also proposed replacement of the present skywave and groundwave propagation curves with newly-developed curve models deemed more accurate. The new curves, according to the Commission, would provide a better depiction of the interference relationships between AM stations.

In a separate proposal concerning measurement standards, the FCC called for modification of the manner in which nighttime RSS skywave interference levels are calculated.

authorities were forced to board the RNI craft, arrest its crew, and smash its gear in order to shut down the illegal station, the pirates gave up without a fight.

According to the FCC, RNI's '60s-oriented rock programming was heard from Maine to Miami during the pirate's four-day encore performance.

Those named in the court order were **Randi Steele, Alan Weiner, Joseph Paul Ferraro, Hank Hayes, Richard Hertz, John Hungerford, and John Doe.**

Elayne Heitner, a spokeswoman for London-based **Atlantic Radio Communications Ltd.**, which owns the ship and its broadcast equipment, said the group plans to fight the court order. RNI's grounds for a legal battle are that "Sarah" is legally registered with the "micro-state" of Sealand as a radio broadcast ship and thus had every right to be broadcasting in international waters. Heitner described Sealand as "a very small principality off the coast of New England."

--via Jerry Starr

The granddaddy of Texas radio

By Ken Perkins, Dallas Morn. News

At the inaugural broadcast of the Texas State Network in 1938, among the 5,000 on hand to celebrate at the old Casa Manana in Fort Worth were Gene Autry, Bob Hope, Texas Gov. James V. Allred, not to mention a country band and a 300-voice choir.

Quite a guest list for a fledgling radio network, sure, but TSN wasn't just any fledgling network. The company was started by Elliott Roosevelt, better known as the son of Franklin D. Roosevelt, who was residing in the White House at the time.

Today, as the Dallas-based network approaches its 50th anniversary Sept. 13, it can count an impressive list of successes. What started out as one news-gathering network now includes four separate arms, an affiliate base of more than 400 stations, a satellite broadcasting system and plans to step beyond state lines.

TSN now employs 33 full-time and two part-timers. It offers hourly newscasts and updates, as well as sports-casts, public affairs and special events programming to more than 120 markets throughout Texas. Affiliate stations provide information to localize news coverage and a capital bureau in Austin blankets state news.

Despite its gray-hair status (most state networks are less than 20 years old) and its stature as the largest of its kind, TSN has managed to stay true to its original intent: to provide a wide range of information services.

"Texas State Network is still around because of the importance of news that happens in Texas; it concerns not just us but the rest of the country," said Scott Savage, TSN vice president and general manager since February.

"We've been able to cover that news with respectability and disseminate it in a credible manner. Without credibility we wouldn't have survived."

Attorney advises his radio listeners

LOUISVILLE, Ky. (AP) — Louisville attorney Richard Shapero, who has frequently jostled with the Kentucky Bar Association over advertising, is now hosting a weekly radio call-in show on WAVG-AM.

Broadcast each Tuesday at 6 p.m., "Shapero at Law" features about a dozen callers with questions, as Shapero puts it, on "everything from parking tickets to chain-saw murders."

And among the most frequently offered pieces of advice is, "Call my office tomorrow morning." That distinguishes "Shapero at Law" from Milton Metz's long-running monthly call-in show on WHAS-AM, "Ask the Lawyers,"

in which a three-lawyer panel fields legal questions.

Metz said it is "understood" that his guests, who are volunteers, will not solicit business for themselves or their firms.

But Shapero asks: "Why on earth should I tell them to call anybody but me? That would be dumb."

To increase the show's "credibility," Shapero said he may invite police officers and judges on future programs. But he concedes that it is hard to disguise the show's main intent — to promote Richard Shapero.

"I'm sure some people would consider the whole show an advertisement," he said. "And I'm one of those people."

The network has expanded, bit by bit, in its five decades. It now includes the Dallas Cowboy Network, Texas agribusiness Network, Spanish Information Service and MBC Satellite Communications, a satellite transmission system that currently distributes, among other programming, broadcasts of the Texas Rangers, Houston Astros, Southwest Conference Football and Texas high school football playoffs.

A sixth service, covering business news, could be added next year.

The Dallas Cowboy network is by far its most popular and profitable TSN operation. With 171 affiliates—more than any other team in the National Football League—it provides play by play of Cowboys games in both Spanish and English and accounts for half of TSN's sales, according to Savage.

Although Spanish Information Service has the fewest affiliates (30; Texas Agribusiness has 65) Savage sees it as the most promising. Savage hopes to sign 10 more markets, including New York, Los Angeles and Miami by 1989.

As far as the anniversary is concerned, don't expect fireworks. Savage says there will be some promotional announcements, but that's it. He wants to take advantage of the extra attention in another way.

"The anniversary is important to us," said Savage, "but even more important is that we're going to get a chance to showcase our operation. It's a tribute that it has been around for so long, but I'd rather talk about what we're going to do tomorrow. We're expecting another 50 years."

—via Wally Wawro

In exchange for the show, Shapero has agreed to purchase a certain number of ads each week on WAVG.

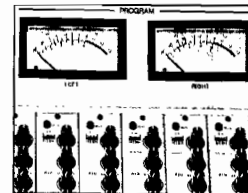
"WAVG must be really hard up for programming," said Sheryl Snyder, president-elect of the KYBA.

For Shapero, the show is a way to generate business.

But bar officials and other practitioners — most of whom have not heard the program — say they find its concept disturbing. In an era in which the law is becoming more complex, they ask, how can a single lawyer answer questions about all of its facets?

—via Wendell Ford

re:Radio



Designing a parasitic array

By John Battison, P.E.

Engineers recognize that two vertical radiators, spaced 90° apart and properly driven with one tower leading the other by 90°, result in a cardioid pattern. This design produced what was probably one of the earliest intentionally created directional patterns. The technique may have been applied by an amateur in search of DX, or it may have been developed by one of the pioneer engineers. If an amateur was responsible for the technique, it was almost certainly achieved through use of a parasitic element. If a broadcast radio engineer came up with it, the design probably used a driven element.

Directional antenna use has become almost universal. The United States is undoubtedly the largest user of the DA. Without directional antennas, more than

half of U.S. AM radio stations would not be on the air.

As far as I know, no directional antennas in use today employ parasitic radiators. It is doubtful that any were intentionally built with parasitic elements. However, I have recollections of a station at which the DA started out as a conventional array with a driven element and ended up as an unintentional parasitic array.

Franklin antenna

The station was WWWE-AM, Cleveland, operating at 1,100kHz. DA1 with 50kW of power. It was bought from NBC, and I was director of engineering for the new owner. As originally built, the transmitter used the tall tower of its sister TV station as a radiator. Because the tower height was ap-

Battison, BE's consultant on antennas and radiation, owns John H. Battison & Associates, a consulting engineering company in Columbus, OH.

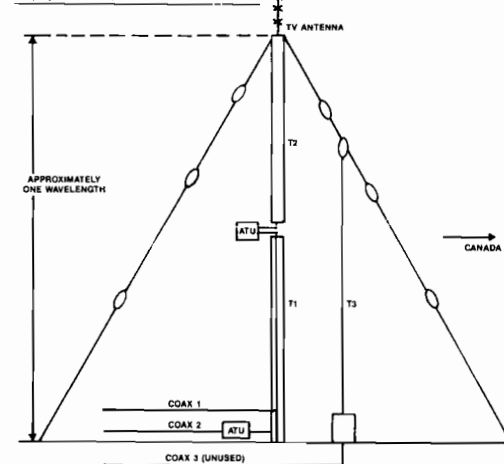


Figure 1. The original WWWE-AM Franklin antenna used a sectionalized, tall TV tower. Directional operation was first attempted by drapping a vertical wire from a guy and using it as a driven element.

Broadcast Engineering June 1988

Study: Almost Every Home Owns A Radio

Washington — Arbitron unveiled results of its November 1987 Radio Set study for the RAB at Radio '88. Survey, based on interviews with 1,523 adults, 18 and older, was designed to provide the radio industry with info about radio set ownership and habits of listeners. Among findings:

● Virtually every household reported owning a radio at home. A total of 90% reported that they listen to radio in their cars and more than 75% of those reported listening to their car radios whenever they use their car.

● 50% of adults listen to radio at work. Of those listeners, 75% choose or help to choose stations. Only 19.8% reported that stations were selected by supervisors.

● 96.9% of radios in the home offer AM and FM tuning while 87.9% of car radios are AM/FM.

● One out of every four radios offer digital tuning instead of analog; one out of five in households and one out of four in cars. ● Radio outperformed other media (magazines, newspapers and tv) in level of satisfaction for upscale adults. Some 55% of adults 18-plus, 54% of professionals and managers and college graduates, and 53% with an income of \$45,000-plus, reported being very satisfied with the medium.

—via Pete Kemp

Disc jockeys in tune with community's late bloomers



CURRENTS

Nancy Gall

They're the voices that help you make it through the night.

The men and women along the AM and FM radio bands: For the people mopping up in office towers or ringing up Doritos at the 7-Eleven or just lying awake in the wee hours, the radio reminds them they're not alone in the long dark hours after 2 a.m.

The fraternity of night owls and insomniacs times in every night to its favorite graveyard-shift program, looking for the comfort and companionship to get through what CKBY disc jockey Wayne Cavanagh calls "the wakin' and worryin' hours."

"They're out there and they appreciate you being there," says Cavanagh, who swings a couple of midnight-to-6 a.m. shifts at the country music station each week.

Station to station, the overnight fare varies. Music, of course, from new age esoterica to Top 40 favorites to offerings that should only be heard in the dead of night, like the country paean to womanhood or a truck, *My Baby is American-Made*. Night owls get to hear re-runs of 1940s police radio dramas, cult classics like *The Hitchhiker's Guide to the Galaxy* or National Lampoon's *Gold Turkey* album — when was the last time you heard *The Middle Class Liberal Well-Intentioned Blues*? Janet Eastman, one of Ottawa's overnight DJs, played that for CHEZ-FM listeners about 3:30 a.m. one day recently.

Eastman and colleague Steve Willcock share night owl duties through the week at CHEZ. Eastman's been working 2 to 6 a.m. for 3 1/2 years, while Willcock has been at it just a year less.

The night-for-day schedule has turned their lives upside-down, but they're more than accustomed to it. They actually like it.

What gets them getting ready for work when the rest of us are watching *The National* in our jammies? Some of it has to do with their night-owl listeners, the regulars who call in every night to ask for a tune or just to say hello.

"We're trying to create a community feeling between those of us who are up at that hour," says Willcock, who's also a part-time English literature student at University of Ottawa. "There's lots of us. You are not alone."

That means the people who stack the grocery store shelves, the ones who mop up at McDonalds, nurses, revellers (especially during full moons and weekends), insomniacs — and new parents.

"One guy called me because he was up for a 4 a.m. feeding," says Willcock.

Eastman, in her 20s, has loved listening to music and staying up late since she was a child. She figured a career in



THE OTTAWA CITIZEN • FRIDAY, MARCH 18, 1988

CHEZ-FM's Janet Eastman and Steve Willcock: Nine-to-five's not for them

radio was the way to do what she liked and get paid for it. She started the business at Hamilton's Mohawk College radio station, moving on to a "very long" 2 1/2-year stint at a Leamington radio station. She fled tomato country for CHEZ's overnight shift and hasn't looked back.

"To go back to nine to five, I don't think I could cope," says Eastman.

"You come to work, you have fun, you talk to lots of people, you're playing music."

The overnight shift offers the disc jockey a chance to be a bit more experimental. That means a delicate mixture of musical ingredients.

"You have a responsibility, you can't be alienating people," says Willcock. "It's a skill to mix the obscure with the

new and familiar."

Regular listeners aren't shy about responding. "Sometimes they think it's their show," laughs Willcock. He compares overnight radio to an art gallery.

"It's like we're showing paintings, playing songs," he says. "At night time, it's when they open the back and there's a lot of good art back there."

Still, the night shift isn't all moonlight and camaraderie. There's the bat Willcock collided with one night in the CHEZ corridors (listeners were quick to respond with helpful suggestions ranging from shoot it to adopt it). There's the fact that the rest of the world, banks to barbershops, operate when you're sleeping through the day. And then there is your social life. There was your social life.

"It used to really bother me that I was going to work when my roommates were going to bed," says Eastman.

"You come home and you want to crack open a beer and they're having their cornflakes," says Willcock.

Not surprisingly, going out on a night off hasn't the appeal it does for day-shifters.

"My friends literally have to drag me out," says Eastman.

Unless it's hockey or soccer — Eastman's a self-described fanatic about either sport. She's a season-ticket holder for Ottawa's Pioneers soccer team and a big fan of the Maple Leafs. She keeps herself in shape with Nautilus workouts, and of course, lots of rest.

"The one thing I really excel at is sleeping," says Eastman. Off the air at 5:30 a.m., in bed asleep by 6:30 a.m. and greeting a new day at 5:30 p.m.

When Willcock's not studying or working, there's tennis, Nautilus and Saturday night penny ante poker with friends.

Still, "you're in a constant twilight zone," he says. "I find as long as you're aware you're in a twilight zone, you're all right."

A 19-year veteran of the radio business, Wayne Cavanagh of CKBY is used to that twilight zone. He acknowledges that for some radio careerists, a comfy berth on the morning show or the drive-home afternoon slot is the goal to aim for, but Cavanagh says "there isn't a bad shift."

Besides, the graveyard shift is the morning show for a lot of people, Cava-

nagh points out. Anyone yawning and stretching in the pre-dawn darkness for a 6 a.m. shift wants to know the road and weather conditions just as much as a nine-to-five.

"Ottawa is becoming more of a 24-hour-a-day city — 24-hour grocery stores, corner stores, gas stations," he says. "In a lot of those cases, they can't sit down and read a book, but they're probably all alone. The radio is there for them as it always has been."

The graveyard shift has its advantages, however. There's lots of free daytime hours to spend at leisure; Cavanagh sometimes drives to Kingston to visit his two children. And the graveyard shift still allows for some social life — you can go to dinner or catch an early movie before heading into work. Then, of course, there are the intangibles.

"You see some gorgeous sunrises," says Cavanagh. "You have a little coffee, read the newspaper, listen to the birds."

He grabs sleep in hour- or two-hour sessions, and finds it plenty.

"If the rest of your life is going well you can get by on four or five hours of good sleep."

Writing and reading six news-casts a night, updating the sports and weather, and keeping the music cartridges in order is a great way to stave off self-pity on the graveyard shift, CFRA's Crystal Coutts finds. There just isn't time to think of day-timers snuggled up in sleep.

"The graveyard shift is the best place to learn," says Coutts, who came to CFRA on a seven-week work experience program from Algonquin College two years ago.

"When you first start doing jockeying you're forced to ad lib and that helps your news (reading) style. And you don't want a jock that doesn't know anything about what's going on in the world."

Like the other voices of the wee hours, Coutts knows there's a de-

-via Morris Sorensen

Crystal Coutts of CFRA: 'Graveyard shift is the best place to learn'



- Rod MacIvor, Citizen

Unscheduled wakeup call irks Tudor

SAN FRANCISCO (AP) — John Tudor, the Los Angeles Dodgers' starting pitcher for last night's game, got an early wakeup call at his hotel room from a San Francisco radio station.

Tudor, a normally surly player, was peeved when he received the call just before 8 a.m. from KFOG radio personality Marty Cohen.

"Good morning, John ... We're on the air," Cohen told an obviously sleepy Tudor when he answered.

-via Ed Janusz

dictated audience of night owls out there in vacuum land. One CFRA contest had people call in for a trip to Barbados when they heard the sound of jet engines. Coutts played the tape midway through one of her graveyard shifts.

"I couldn't believe it; 3 a.m. and the switchboard lights up."

Then there's the occasional bizarre phone call to keep things lively. Coutts picked up the phone one night to hear a homesick Cornwallian calling from Indiana.

"He knew CFRA was still on and he wanted to talk to a Canadian."

This month, Ginny Fanthome wraps up more than a year of weekly 2-to-7 a.m. stints on CKCU-FM and she's kind of looking forward to it.

"There's going to be dancing in the streets," says Fanthome, who says she's not going to miss feeling like a zombie the day after her graveyard shift at Carleton University's campus radio station.

CKCU's fledgling announcers fill the wee-hours time slot one night a week after their initial training.

"They don't want you to be on at a time when, if you do screw up, a lot of people will hear you," she says.

The time slot isn't the greatest, but it has its advantages.

Fanthome had listeners tuning in at 4:45 a.m. when she decided to play the cult radio series *The Hitchhiker's Guide to the Galaxy*.

"We're trained in a closed circuit booth that's playing into the men's washroom, which is empty most of the time," says Fanthome. "So you get used to people not listening to you."

Actually, CKCU's 2-to-7 a.m. listeners are a small but devoted group who called Fanthome to request punk or heavy metal tunes or just to pass the pre-dawn monotony.

"There are some people who work at all night gas stations, they'll talk your ear off."

"Not right now," snapped Tudor.

"He didn't want to talk," Cohen said later.

The episode began when Cohen wondered where the Dodgers were staying. A listener called in and gave the name of the hotel.

Cohen and sports director Mike Shumann then decided to call the hotel and ask for some players. After Tudor, Cohen was able to raise catcher Mike Scioscia, who was a bit more pleasant.

"I feel great," Scioscia said, responding to Cohen's query.

Cohen tried to cajole Scioscia into agreeing to say "Good morning KFOG" on television. The catcher resisted, then said, "I want to say I'm going to Disneyland."

Cohen, who moved here from Los Angeles 10 months ago, said that after the short interviews with the Dodger players, Bay area fans began calling KFOG with other ways of disturbing the Dodger players at their hotel.

MUSINGS

Herman T. Adams
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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., or its subsidiaries. Times are local per muse.

RADIO FREE WARREN REPORTING

John H. Rose II - 26015 Thomas - Warren, MI 48091

Let me tell you of a hamfest in Berryville, VA, up in the mountains and near the borders with MV and MD. I can not imagine a prettier setting for a 'fest. The size is not large by many standards, and most of the sales are "trunk sales." This is where you go to the 'fest, park your car in the designated area, open your trunk and put your goodies on display. Here the designated area is under the shade of large trees at the Clarke County Fairgrounds. The bargain of the day came as I looked over one man's supply of R-390A modules. There were two IF strips. I offered him two thirds of his one unit price for both. He took it! After I put my eyeballs back in their sockets, I started to fantasize putting the filters in my current rig. Nice location, new vendors, lovely weather (it certainly is cooler in the mountains), what more could a man ask for the 2 August 1987?

Well, let me tell you what brings the people back here year after year. The BBQ chicken. At dawn's early light a local civic group comes out and prepares the open pit, the aroma of the 'Q wafting over the place. After all the bargains have been had, everyone sits down and waits. At the appropriate time everyone gets into line. Then the PA announcements that "you had better get in line." HA! That's where everyone already is. I am not a fan of open pit BBQs, I much prefer covered 'Qs. This chicken was nothing short of superb, perhaps the best I've had including my efforts. Northing left to do but to sit down where the "ladies" were playing Bingo a few minutes ago and do a bandscan. Pulling in 46 stations was certainly a most pleasant way to digest that chicken, and who wanted to go back to that hot ol' city anyway? The target here was WAMM-1230 since I had been unsuccessful earlier. "This is 1230land in Woodstock. The request line is 459-6700." Here I am farther away than a few days earlier, yet this is where success is. Maybe the valleys are just right. WELD-690 (now that's a unified call) IDed as FM 101.

WJEJ-1240 was carrying Minor League baseball, Buccaneers vs Mud Cats. Can you help on these; 750 had programing in a foreign language. 970 Had Satellite News and Top 30 Countdown. 1040 Had American Country Countdown. 1270 Had National League Pirates vs Cardinals.

There is the old story about how long one should visit in an area. Two weeks is too long it is said, and two years is too short, for in a fortnight one has too much time to do touristy things and two years is too short to get to know it well. The trip home has already been told as "The Search For The Holy Grail of WFAH Reception." I notice that the Berryville 'fest as scheduled for 7 August 1988, but I'm not telling you that or you'll be ahead of me for the 'Q.

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