



DX NEWS

The magazine of the
National Radio Club

— SINCE 1933 —

Volume 58, No. 1 - October 8, 1990 (ISSN 0737-1659)

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Partial Publication Schedule

Issue #	Deadline	Pub. Date
2	Oct. 6	Oct. 15
3	Oct. 13	Oct. 22
4	Oct. 20	Oct. 29
5	Oct. 27	Nov. 5
6	Nov. 3	Nov. 12
7	Nov. 10	Nov. 19
8	Nov. 17	Nov. 26

CPC Calendar ...

Date	Station	From/To
Oct. 13	WLUX-1550	6:30/7:00 AM
Oct. 14	WFAW-940	5:00/6:00 AM
Nov. 4	KVOX-1280	6:00/6:30 AM
Nov. 4	KLEY-1130	6:30/7:00 AM
Nov. 5	WITZ-990	5:30/6:00 AM
Nov. 11	WSYB-1380	5:30/6:00 AM
Nov. 12	WARU-1600	2:00/2:30 AM
Nov. 12	KRXY-1600	2:30/3:00 AM
Dec. 1	KLER-1300	6:50 AM
Dec. 3	KOJM-610	2:10/2:30 AM
Dec. 10	KUMA-1290	3:05 AM

WLUX-1550 - P.O. BOX 2550, Baton Rouge, LA 70821-2550 will present a Special DX Test on October 13, 1990 beginning at 0630 ELT. The test will contain Morse Code ID's. Address reports to Mr. Ted Sauceman, General Manager, WLUX-1550. Both tests arranged for the NRC by the Colorado CPC Machine.

WFAW-940 - P.O. BOX 94, Fort Atkinson, WI 53538 will present a unique DX TEST on October 14, 1990 from 0500 to 0600 ELT. A special announcement for the National Radio Club will be aired using their daytime mode as a TEST from 0500-0530. This announcement will contain a morse code ID. This will be mixed with WFAW's normal music programming. WFAW will be using its nighttime facility from 0530-0600. If this test works well, other tests from other Goetz Broadcasting stations may be forthcoming. Our thanks to Mr. Clifford J. Groth VP Engineering for this fine opportunity! Arranged by the Colorado CPC Machine for the National Radio Club.

KVOX-1280 - P.O. BOX 97, Moorhead, MN 56561 will present a unique DX TEST on November 4, 1990 from 0600 to 0630 ELT. A special announcement for the National Radio Club will be aired during this time period. This announcement will contain a morse code ID. This will be mixed

with KVOX's normal music programming. KVOX will be using its nighttime facility. Our thanks to Mr. Bob Holtan General Manager for this fine opportunity! Arranged by the Colorado CPC Machine for the National Radio Club.

KLEY-1130 - KLEY Drive, Wellington, KS 67152 will present a special DX TEST on Sunday Morning November 4, 1990 from 0630 to 0730 EST. This test will consist of test tones, march music voice and Morse code ID's. Our thanks to Mr. Vernon Napler, Chief Operator for this test. Arranged by the Colorado CPC Machine for the National Radio Club.

WITZ-940 - P.O. Box 167, Jasper, IN 47546 will present a Special DX TEST on Sunday November 4, 1990 from 0530 to 0600 EST. The test will consist of tones, music, voice and Morse code ID's. Arranged with Gary Lee, who would like any NRC member close to Jasper to contact him and tell him more about the NRC. Arranged by the Colorado CPC Machine for the National Radio Club.

WSYB-1380 - P.O. BOX 249, Rutland VT 05701 will conduct a special DX TEST on November 11, 1990 from 0530 to 0600 EST. This test will consist of normal AdCon music program with interspersed voice and morse code ID's. Our thanks to Mr. Tom Elmore for this test. Arranged by the Colorado CPC Machine for the NRC.

(Continued on page twenty)

DX Time Machine

From the Pages of DX News

50 years ago... from the Oct. 21, 1940 DXN: The first issue of DXN published at Buffalo, NY, was edited by Ray Edge because of the illness of the wife of president Harry M. Gordon.

25 years ago... from the Oct. 9, 1965 DXN: New members included Jerry Starr and Bill Alisaukas, Jr.

10 years ago... from the Oct. 6, 1980 DXN: Paul Swearingen took over the editorship of IDXA after the death of Norm Maguire.

AM Switch

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

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

CALL LETTER CHANGES

Old call:	New call:	Old call:	New call:
840 KIKN TX Pharr	KVJY	1360 WWBZ NJ Vineland	WVSJ
870 WKZN ME Gorham	WPNN	1440 WIRE IL Normal	WBCI*
1110 KHEI HI Kihei	KAOI	1450 KCLD MN St. Cloud	KNSI
1120 WYGO GA Gordon	WBNM	1490 KFBN MT Laurel	KBSR
1310 WFAH OH Alliance	WDPN	WJNL PA Johnstown	WKQS
1330 WDLZ MI Flint	WTRX	1530 KWVB TX Creedmore	KGTN

Call notes: The change of WIRE-1440 to WBCI is actually just a bit of meaningless book keeping by the FCC to give this facility a call until the license cancellation process is complete. As noted before, the new owners of this station have put the silent FM sister of WIRE back on the air but have turned in the license for the AM station to the FCC for cancellation.

APPLICATION FOR NEW STATION

1260 NM Santa Fe: 5000/1000 U3 (application for the silent KVSF facility)

GRANTS FOR NEW STATIONS

None

APPLICATIONS FROM EXISTING FACILITIES

640 WCRV TN Collierville: reduce night power to 480 watts
1520 KYND TX Cypress: powers to 3200 (2800 CH)

GRANTS TO EXISTING FACILITIES

550 WAYR FL Orange Park: power to 5000 watts, antenna to D3
620 KIPA HI Hilo: powers to 10000/10000 (aside from Special Temporary Authorities granted to a few stations to overcome Cuban interference, this is the first time we can find that the FCC has granted powers above 5000 watts on a regional freq.)
1010 KKGZ CO Brush: powers to 10000 (5000 CH)
1050 WPXA MI Ann Arbor: day power to 10000 watts, relocate XR
1190 WOEQ FL Royal Palm Beach: powers to 890/1000, relocate XR
1250 KBRF MN Fergus Falls: night power to 2200 watts, antenna to U2, relocate XR
1340 WALL NY Middletown: decrease powers to 660/660 watts
1550 KITH CA Apple Valley: power to 5000 watts

OTHERNESS

640 WBMX MI Zeeland: after operating for just a few months, this station is SILENT as of Labor Day
920 KTOC LA Jonesboro: silent station is back ON THE AIR
940 KSWM MO Republic: silent station is back ON THE AIR (was only off for about a week due to XR problems)
990 CHTX PQ Montreal: station is now here, ex-980 kHz
1140 KHTH CO Dillon: station is SILENT
1280 KWCL LA Oak Grove: station is SILENT to repair equipment
1360 WVSJ NJ Vineland: although licensed for full time, station has been operating only from 0600 to 1800
1400 WKDY SC Spartanburg: silent station has been sold and is expected to return to the air

THANKS to the following contributors: DAVE SCHMIDT, WAYNE HEINEN, JOHN BOWKER, PHIL BOERSMA, ANDY RUGG, BILL HALE and M STREET JOURNAL

73 and Good DX, *Jerry & BKF* Jerry Starr & Buffalo K. Foonman
Due to vacation AMS will miss Issues 2 and 3 but will return in #4

Domestic DX Digest - East

William Hale
734 Burseson
San Marcos, TX 78666

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

MEDIUM WAVE RAMBLINGS

- Greetings to all As we start another Volume year of DX News, I want to take this opportunity to thank all those who made the past 30 issues of our magazine one of the most memorable of them all. With the advent of the expansion of the Medium Wave Band (maybe this year), we'll see lots of new stations signing on, thus increased DXing and reporting!
- Welcome back to the column, **Bob Walker**, who checks in with a good sampling of DX from eastern Michigan! Looking forward to more of the same.

SPECIAL

KOJM  **KPQX** 
NORTH MONTANA BROADCASTERS, INC.

- 540 WYLO WI JACKSON - has been very strong lately: new night power (400 watts) apparently on (RW-IN)
- 550 WAME NC STATESVILLE - 9/4 0558 sign-on followed by sung SSB, then + CBS Nx; this one can be a little confusing, couldn't make out CL during s/on but, after nx, heard a couple of "55-DRU" non-IDs so assumed call was still WDRU and that WAME was set aside, called stn and was told call is WAME but used only for legal ID, rest of time they call themselves "55-DRU", don't know why they bothered changing CLs unless a possible format change is in the works, in a nutshell: WAME is official call, slogan is "55-DRU", format is Southern Gospel & sked is 0600 to 2200 (REH-ON)
- 640 WBMX MI ZEELAND - is apparently off the air; not heard here (RW-IN)
- 1200 WOPA IL CHICAGO - using these CLs, not WXET, "R Exitos" is slogan (RW-IN)
- 1300 KUET TX AUSTIN - stop me if you've heard this before, but this may be a first...KUET has entered into an agreement with the new owners of 96.7 FM in Austin (ex.KQFX) to simulcast their AM programming; now KUET owns KASE (100.7), but they have always programmed separately; so what we have is this. .KUET 1300 and KUET-FM 96.7 simulcasting, and KASE 100.7 doing their own thing; all, by the way, are C&W; what next?? [Ed.-TX]
- 1490 WNDU IN SOUTH BEND - is now **OLDies**; ex C&W (RW-IN)
- 1520 WOOD IN SHELBYVILLE - 8/31 0700 noted with new CL, legal ID; "AM-1520 WOOD, Shelbyville" + local nx, poor with WJMP nullled (REH-ON)
- 1530 KGTN TX GEORGETOWN - has returned to these CLs and to playing C&W, seems new investors have 'seen the light' about business news programming and want to identify more with the local community than with Austin, I visited them and upgrade to 10kw ("and maybe more") is still in the plans [Ed.-TX]

UNIDS AND UNID HELP

- 590 UNID ?? - 9/13 0705 SS male doing a lot of talking with several mentions of "Laredo, Texas" + "A Closer Walk with Thee" in SS and then back to talk, faded to CKEY by 0714, looped SW, possibly 3X XE (REH-ON) [Possibly XEFD, Rio Bravo, TAMS; hrd here in early AM (and they blanket Laredo) with SS REL (so maybe TX address is maildrop) before KLBJ goes 5kw ND, and altho WPTH sez 250 watts nites, some of these Mexican guys go daytime power before sunrise - Ed.]
- 940 UNID ?? - 9/11 2230 with St Louis Cards BB, under KIOA (MH-NE)
- 1230 UNID ?? - 9/9 2107 ID during Cardinal BB; "K... your sports voice of the Ozarks" (MH-NE) [Here's a guess...KFPW, Ft Smith AR...if they're on the Cardinal net, I couldn't find a list for the Redbirds in any current year's issues, but Ft Smith is right at the edge of the Ozark Nat'l Forest - Ed.]
- 1330 UNID ?? - 9/11 2100 "KUOC" ID, MBS Nx (MH-NE)
- 1430 UNID ?? - 9/13 2212 ID, "FM Stereo, Cool 105.5" (MH-NE)
- 1480 UNID ?? - 9/9 0657 with TalkNet with Dr. Harvey Reuben F61:POWER by SSB @ 00 (MH-NE)

FM Station Address Book, 3rd Edition

ONLY \$9.95 (Canada, US\$10.45) to the Pub Center (Foreign orders, please write for price)
• Listed by state, city • Includes Canadian Stations • 8.5x11 inches, 3-hole punched • Full-size type

DX AND EQUIPMENT TESTS

690 **WNZK MI WESTLAND** - 9/13 0220 tune-in, with OC and polkas and several IDs; still there @ 0330; was using two different power levels, XLNI on hi power and good on low power (it's a local); CP to move to Bearborn Heights not yet on, is still in Westland, per IDs (REH-ON)

TIS AND OTHER STUFF

530 **TIS IN HAMMOND** - new TIS, good here with "Lake County Radio", with 'what-to-see, where-to-go' type info (RW-IN)
TIS TX NEW BRAUNFELS - also a new TIS, giving tourist info on about a 90 second loop with alternating man and woman announcers (the woman with heavy German accent...NB has large population with German background) [Ed.-TX]

MIDNIGHT TO 0800 HOURS ELT

600 **600 FL JACKSONVILLE** - 8/31 0512 poor with ad for Donald's Family Restaurants + station promo unreadable except for ending "...Soldies? all the time. WOKV, Jacksonville FL"; quickly lost to the commie (REH-ON)
 620 **XTAR AZ PHOENIX** - 9/9 0750 with Newsweek program, ID @ 0800 followed by Abundant Life pgm; very strong; QSL'd (MH-NE)
 790 **CIGM ON SUDBURY** - 9/15 0548 with C&W mx with "Star Country", Canada's Country Giant; nx @ 0600 with the CIGM Weatherscan; fair signal o/WIAR; ex:CKSO (RCW-MI)
 900 **WSEA DE GEORGETOWN** - 9/16 atop channel @ 0606 with oldies from the Satellite Music Net, sports from SNN, IDs as "WSEA, Oldies Nine Hundred", network ads; lost to WFRO power change (?) @ 0615; DE #1 for me! (RCW-MI)
CHML ON HAMILTON - 9/8 0606 very good with ads for Eaton's and the Adult Education Hotline; IDs as "AM 900, CHML"; oldies mx (RCW-MI)
 920 **WMMN WY FAIRMONT** - 9/15 0608 fair in slop with sports from Fairmont Foodland Stores and a promo for (W. Fairmont) Polar Bears High School football broadcasts; oldies mx (RCW-MI)
 1200 **WXET IL CHICAGO** - 9/9 with "Radio Exitos" slogans; well over WDAI (MH-NE) [See 1200 in SPECIAL concerning CLs - Ed.]
WSML NC GRAHAM - 9/4 0730 with The Beacon Broadcast REL pgm giving address as Box 159, Alamance, NC; good, over WBZY with WCHB nulled (REH-ON)
 1320 **WCVG KY COVINGTON** - 9/15 0630 poor with ID as "AM 1320, WCVG, Covington-Cincinnati", followed by nx from BRN (RCW-MI)
 1430 **WCLT OH NEWARK** - 9/15 0636 poor in CJCL null with sports, ads for Cirrus Tire Store, Buddy Holly mx (RCW-MI)
 1480 **WZRC NY NEW YORK** - 9/1 0220 with SMN's Z-Rock heavy metal and a bunch of clustered promos including "You've got it, Charlie. The word is spreading on AM-1480, Z-Rock, New York's most dangerous station"; poor in heavy traffic with WHBC and CKAN leading the pack; #70 hrd on 1480 (REH-ON)
 1550 **WTYR IN SODDY-DAISY** - 9/13 0354 good with automated OLD and annc "Playing your classic favorites from the 50s, 60s, 70s and 80s, we're Tiger Radio, WTYR"; no legal ID @ :00 and no ads in over an hour of listening; '88 Log sez 11 watts nites but seemed stronger; IN #180 heard (REH-ON)

0800 TO 1600 HOURS ELT

1380 **KMUL TX MULESHOE** - 9/5 0804 with SNN Nx followed by an ID and OLD (MH-NE)

1600 TO 2400 HOURS ELT

880 **WMEQ WI MEMPHIS** - 8/31 2112 with "Indians Football on WMEQ" + ads for Marshall's Drive-In and DJ Signs; fair with WCBM nulled; lost @ 2115 with power cut and pattern change (REH-ON)
 900 **WSNQ MI GAYLORD** - 8/31 2032 with ID during Tiger BB; lots of opposition from WFRO's HS FB and CHML's Blue Jay BB (REH-ON)
 960 **CFFX ON KINGSTON** - 9/10 2152 ID, CHR mx; very weak and under XMA (MH-NE)
 980 **KDSJ SD DEADWOOD** - 9/15 2228 ID with local wx, local ads; strong (MH-NE)
 1050 **WASY AL ALEXANDER CITY** - 9/15 2220 ID: "Your oldies station, WASY"; ROK OLD (MH-NE)
 1160 **WJJD IL CHICAGO** - 9/10 2140 NOS mx; nearly local strength (MH-NE)

KUOM 760 AM
 UNIVERSITY PUBLIC RADIO

1220 **WSLM IN SALEM** - 9/12 2058 REL pgm; ID: "You're in tune with WSLM, AM and FM, Salem, Indiana" (MH-NE)
 1230 **KMRS MN MORRIS** - 9/4 2213 ID heard just after KDTIS'; Byer #65 (MH-NE)
KOTS NM DEMING - 9/4 2205 very weak with ID in a mess including KINC, XHAS, KMRS and others (MH-NE)
 1240 **WJDD MS MARTON** - 9/12 2033 mentions of "Meridian" (Marion is suburb); behind KFOR/KNEM/others (MH-NE)
 1250 **WHNY MS MC COMB** - 9/11 2115 ID: "WHNY, your country connection"; wx; new (MH-NE)
KBTC MO HOUSTON - 9/9 2054 with ID: "KUNO, 99.3 FM, KBTC, 1250 AM"; over KBRF (MH-NE)
 1280 **KLGV TX LONGVIEW** - 9/12 2254 announcers at the county fair in Longview; new (MH-NE)
 1340 **WLAV MI GRAND RAPIDS** - 9/9 2034 with Chicago Cubs BB; Michigan ads; no CLs heard (MH-NE)
KVBR MN BRAINERD - 9/5 2259 with local ads; DRM from KHUB/KXXY/KROC (MH-NE)
KROC MN ROCHESTER - 9/5 2300 during Twins BB; ID: "KROC, your smart's voice" (MH-NE)
 1360 **KMRN MN CAMERON** - 9/13 2001 sign-off with SSB & limited station info (MH-NE)
WGEE WI GREEN BAY - 9/11 2000 ID: "WGEE, Green Bay's news leader keeping you in touch"; ABC Nx (MH-NE)
 1370 **KWRT MO BOONEVILLE** - 9/13 2300 sign-off, no SSB; under KTKS's sign-off (MH-NE)
 1380 **WIZO TN FRANKLIN** - 9/11 2147 ID, ads for Bulldogs Football and Welcome Wagon; OLD ROK mx (MH-NE)
 1400 **KODY WY CODY** - 9/6 2020 many mentions of "Cody" during ads (MH-NE)
 1450 **WEZR IN FT. WAYNE** - 9/5 2206 with Chicago Cubs BB; mentions of Ft. Wayne places and ZIP codes in ads (MH-NE)
 1470 **WUOL TN BERRY HILL** - 9/11 2028 mention of "Nashville area news every day at ???" (MH-NE)
 1590 **KQXX AR SPRINGDALE** - 9/9 2000 ID before Cards vs Cubs BB (MH-NE)

REPORTERS

RW-IN **ROGER WINSOR**//Hobart, IN//report via landline
 REH-ON **CHARLES REH**//Leamington, ON//R-390A + Sanserino Loop + TR-3000 open reel tape deck
 MH-NE **MIKE HAWK**//Omaha, NE//R-1000 + 2' coax loop
 RCW-MI **BOB WALKER**//Wixom, MI//ICF-2010 + Radio West Loop

ABBREVIATIONS AND SPECIAL SYMBOLS USED IN DDXD-E

||:parallel with or to -:to or into :00:on the hour AC:Adult contemporary AP:Associated Press BBD:big band BRN:Business Radio Net B:black CW:country & western CHR:contemporary hit radio CID:code ID ContChr:contemporary Christian EZL:easy listening EE:English FF:French GOS:gospel IRI:Interstate Radio Net JX:jingle LSR:local sunrise LSS:local sunrise LX:music NX:news NPR:National Public Radio OC:open carrier POL:political PSA:public service announcement PSRA:pre-sunrise authority PSSA:post-sunset authority QRM:interference RTH:location REL:religious ROK:rock 'n' roll RS:regular schedule S:stereo SID:singing ID SRS:sunrise skip SSS:Spanish SSB:Star Spangled Banner SSS:sunset skip TC:time check TT:test tones UC:urban contemporary UPI:United Press International VID:voice ID WX:weather

WWL 870 am

73. Bill

IN THE BEGINNING

BY JOHN D. BOWKER

THIS IS THE COMPLETE LIST OF U. S. BROADCAST STATIONS ON THE INDICATED FREQUENCY AS PUBLISHED BY THE FEDERAL RADIO COMMISSION IN 1934. "S" MEANS SHARED; "SH" MEANS SPECIFIED HOURS; "T" INDICATES TRANSMITTER LOCATION; "D" MEANS DAYTIME OPERATION ONLY; "U" MEANS UNLIMITED TIME.

Frequency (kc)	Call letters	Main studio and transmitter location	Power	Time designation
650, clear----	WSM	Nashville, Tenn. T—Franklin.	50 kw----	U.
660, clear----	KPCB WEAF	Seattle, Wash. New York, N.Y. T—Bellmore.	100 w---- 50 kw----	L—WSM. U.
670, clear----	WAAW WMAQ	Omaha, Nebr. Chicago, Ill. T—Addison.	500 w---- 5 kw----	D. U.

Domestic DX Digest - West

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

Wayne Heinen

4131 S. Andes Way
Aurora, CO 80013
FIDO NET 104/108
(303) 699-6335 (prepaid only)

SPECIAL

- 530 WNAG556 CA Coronado
8/19 Noted today after a 5-week absence. Still
clobbered by WNSB415 (TH-CA)
1050 KOFY CA San Francisco
Now noted running "KOOL GOLD" SMN feed
(MR-CA)
1490 KSPE CA Santa Barbara
9/8 1656 Noted w/ these calls. Format a mix of
SS/EE (ex-KDB) (MR-CA)(TH-CA)

Midnight to Midday

- 790 KFLI CA Eureka
9/1 0904 Presumed w/NBC N_x & BBD format.
No other station likely. (TH-SDB)
900 KKRT WA Wenatchee
9/3 0258 Presumed w/Satellite NOS/EZL,
Garbled ID on hour. SNN N_x. (TH-CA)
950 KJR WA Seattle
9/2 0450 Fair w/ARN "Sports Final" & ID's.
XEKAM still silent. (TH-SDB)
1010 CBR AB Calgary
9/9 0305 Fair on Car RX w/CBC Calgary ID &
AB W_x. Rare. (TH-CA)
1020 (KTNQ) CA Los Angeles
9/9 0507 Off leaving KCKN also noted off 8/26.
(TH-CA)
1140 KGEMt ID Boise
9/2 0420 Presumed w/Unistar NOS // KORG-
1190. o/u KLUC. Rare (TH-CA)
1150 KSAL KS Salina
9/2 0444 Fair thru KIIS w/lcl ads, promo's, Jim
Bohannon. (TH-CA)
1160 KFHM TX San Antonio
9/1 0753 Poor u/KSL w/ "La M Grande" slogan
and SS format. (TH-SDB)
1200 CKDA BC Victoria
9/3 0827 Fair w/WOAI Light Rock OLD, ads,
promo's, rare. (TH-CA)

- 1340 KSIL NM Silver City
9/1 0841 Fair. W_x for Silver City, Deming,
Lordsburg lcl ads. NM #42. (TH-SDB)
1380 KHJJ CA Lancaster
9/3 0800 S/on Fair possible NBC N_x, Rare. (TH-
CA)
1480 KDBN TX Dallas
9/1 0741 ID "14-80, KDBN Dallas' Business
News" and BRN feed. TX #67. (TH-CA)
1570 KPRO CA Riverside
9/14 0058 Fair to Good w/REL "You've been lis-
tening to KPRO". Is this really only 190 watts?
(JT-CO)
1580 KWED TX Sequim
9/14 0040 Fair w/Tech Raiders FB to Larry King
@ 0045. TX #83. (JT-CO)
1600 (KMNY) CA Pomona
9/1 0321 Noted off leaving KXEW on both wires.
(TH-SDB)

Midday to Midnight

- 940 WYLD LA New Orleans
9/17 2220 Fair to Poor w/"AM 940 WYLD" LA#
9. (JT-CO)
1490 KJCO CA Calexico
9/7 2210 Noted now w/ SS format.. maybe for
some time now. (TH-SDB)

Contributors!

- (JT-CO) Jeff Tynan Parker, CO - Sony-2002 w/4'
Guppy Loop
(MR-CA) Mike Riordan Goleta, CA - GE Super
Radio II
(TH-CA) Tim Hall Chula
Vista, CA - ICF-2010,
Radio West Loop
(TH-SDB) Tim Hall San Diego,
CA - ICF-2010, 1000' LW,
1400' LW

New ... and only \$16.95

What's up with the Log?

For starters, it's 30% thicker and over 300
pages long! With two cross-reference
sections, it contains more station infor-
mation than ever before. Mail or call your
order in now! Specify your mailing and
address and number of Logs ordered.
Order from the Pub Center (address on
back page) or use your credit card (VISA/
MC) and call (608) 423-4159. (Canada,
\$17.95; non-members and foreign, write.)

NRC
AM Radio
LOG

1991 Edition

International DX Digest

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

Jim Renfrew

61 Wilcox Street
Rochester, NY 14607-3832

Welcome to IDXD! I'm really looking
forward to doing this column in months to
come. It's always been one of my favorites.
I've been DXing since 1968, from several
locations on the East Coast, and inter-
national stations have always been my primary
interest. Like almost everything related to
BCB DX, international stations are tougher to
log than ever before, so your loggings and
tips will always be very helpful to the NRC
membership, even those that you may consider
to be routine.

As always, we look for your loggings in
order of frequency, with time (in UTC) and
date. If you don't know how to convert to
UTC, just ask! Please give a brief
description of your equipment.

You may also send in verification
information (station addresses, names of QSL
signers, etc.), which will be printed in IDXD
from time to time. I have the 1990 World
Radio TV Handbook, but I do not subscribe to
any Medium Wave DX publications outside of
North America, so if you have any late-
breaking news from another newsletter, please
let us know through IDXD.

Your bandscan from an exotic location will
be welcome, as space permits, but I hope that
you can add comments on IDs and slogans,
sports, music programming, and languages as
well.

I offer my personal thanks to Chuck Hutton
for his many years of commitment to this
column, and I will do my best to follow in his
knowledgeable footsteps.

Now, onto the first loggings, courtesy of
Dale Park:

- 531 AUSTRALIA ZMC Kempsey (tent), 1143 7/08.
Man w/Aussie accent talking about his
days as a flier in the early 1920s;
theme mx at 1158, 6 pips; no ID heard.
Very poor; heavy QRN. [DP-HI]
- 621 TUVALU R. Tuvalu T2U2, Tongatapu (tent),
0722 8/11. Man talking in Melanesian or
Polynesian lang; too much QRN by KIPA-
620, KIPA1-620 and KIPA2-620 to get an
ID. Very poor [DP-HI]
- 738 FRENCH POLYNESIA RFD Pape'ete, 1110
8/05. FF woman hosting nx program, fed
via phone from RFD in Paris; strong this
AM // 15170.4, 11827 khz. Fair, QRN
KGU-760. [DP-HI]
- 738 TONGA United Christian Broadcasters
(tent), 0553 8/07. Trumpet instrumentals
such as "It's Impossible" and "Theme from
Love Story;" ID missed; into R.
Australia nx relay and "International
Report." Hrd on 740 because ETR only
tunes in 10 khz steps. Poor, QRN KGU-760.
[DP-HIa]

1449 MICRONESIA WS2D, Kolonia (tent), 1210
8/18. Man ending nx in vernacular; into
group singing with 6 string guitars.
Very poor to poor; QRN from 1450 het,
KULA-1460 off for maintenance. [DP-HI]

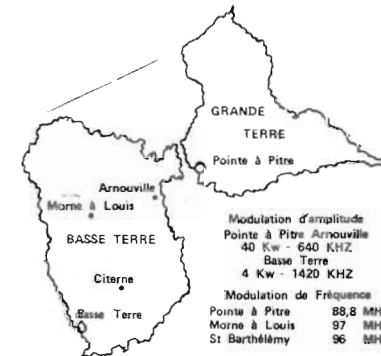
1530 NEW ZEALAND ZYP Plymouth, 1206 7/08.
Gordon Lightfoot's "Sundown"; w/DJ talk,
TC "10 minutes past twelve midnight...";
into classical mx // 2Y2 630. Very
poor; o/u tent. 2VM. [DP]

1566 SOUTH KOREA HLAZ Cheju 1235 8/18. JJ
man interviewing second man and woman.
Fair; unID mx sto mixing underneath, het
from 1570. [DP-HI]

1575 THAILAND VOA via VO Free Asia, Bangkok
1538 8/25. "Press Conference USA" w/US
Senator McCain on arms reduction, ID 1548
"You're listening to Press Conference USA
on the Voice of America ..."; 1555 freq
annct // 9760; one pip, into Bengali //
15185. New, Asian country #6. Fair,
unID in back (200, Australia?); flutter
USB. [DP-HI]

Contributors

- [DP-HI] Dale Park, Honolulu, HI
Sangean AT5-803A, Sabelex-A-Tenna
- [DP-HIa] Dale Park, Sandy Beach, Honolulu,
Delco ETR car radio



The 1990 NRC Pittsburgh Convention ... by John R. Malicky

For all of the hard effort, four-hour-a-night sleep two weeks before and during the convention, and perseverance, the 1990 Pittsburgh Convention, according to those who attended, was a success. Besides having activities for everyone, my main intention was for all to have an enjoyable time, plus catering to their needs! I am especially proud that five DX Audio Service members were in attendance, which I think was the most for an NRC convention. I would also especially thank John D. Bowker for his helpful hints, time, ID stickers, and a presentation that would have been given on the history of radio but was cancelled in error at the last minute so that members could ride on the river boat, the Gateway Party Liner. I apologize, John, and hope you will accept it. I would also like to thank local member Chris Cuomo for his help in setting up the hospitality room with me and covering when I had to leave the hotel. Everything fell into place even at the last minute so that what I had in mind did come about. I tried to promote this convention as much as possible, sending a form letter, a sample DX News, and Guide to Broadcasting to every station in the area (26), plus letters to others, going on the air three times (July 4 from 8-9 pm on KDKA, August 27 for 3 minutes at 10:40 am on KQV, and again on KDKA August 31 from 1-2:50 am - write to me and I'll tell you about it!), but was denied by Newstalk 1250 WTAE, as it was not of interest to them. Still, Duquesne University's WDUQ-90.5 did make many mentions. Also, Glen Hauser, in his "World of Radio" column published by the "Greensburg Tribune-Review brought four interested people. So, thanks to everyone for attending, and maybe in a few years, the NRC will return to Pittsburgh, though in between I might need some rest!

Now, a summary. Following a week of visiting 14 area stations for tours, promoting the convention, and promotional items, Chris Cuomo and I began setting up the Thomas Starzl (hospitality) Room on Thursday afternoon, the 30th. We also met our first visitor, DX Audio Service member Mike Lantz, who enjoyed the hospitality of the staff of the Greentree Marriott and was thrilled to attend his first convention! Later, around 6:30 pm, Chris and I picked up Don Trelford at the bus station.

On Friday, August 31, Chris and I got a little late start, but finished the Starzl Room and eagerly awaited the others. By 4:30 pm, the people in the room numbered around 30. At that time, I went home and returned with the "Pittsburgh spread of sandwiches", which went very quickly! No wonder, my cousin's wife of Groceria Merante in the city section of Oakland



KDKA's Bill Steinbach

presented my slide show which included the tour of KDKA studios and transmitter that Chris and I took on July 26, plus WWCS-540, Erie radio, and my 1988 trip of 33 stations to and from Milwaukee '88, the convention itself, Milwaukee radio, and the city. Around 11 pm, we were surprised by a short visit from member and WWVA-1170 news anchor Jim Wallace who had to leave for Charleston, WV the next day. As a side note, as convention host I got to see first-hand who came in and how everything went! Thanks for audition donation, Jim.

On Saturday, September 1, coffee and donuts (munchkins) plus orange juice awaited the early risers. At 10:45 am, many assembled for the bus tour. As it turned out, I had 21 sign-ups but convinced 13 more to go, for a total of 34! Through the last month-and-a-half, I determined that if we would have a tour, the best way would be by bus to eliminate anyone getting lost or driving, but I did not make the final decision on what kind until a few days earlier that turned out to be the right one. John Bowker filmed our departure as we left at 11 am right behind, for a few minutes, the (John) Madden Cruiser. He and CBS-TV were staying at the Marriott to do that night's Eagles-Steelers game.

Our first stop was atop the city's Mt. Washington observation deck for a view of the city and group picture. Next was back onto I-279 north through the Ft. Pitt Tunnels for an eye-popping view of the city at ground level. This came out especially well on the highlight four-hour videotape by Ernie Weslowski that we watched Sunday night; thanks, Ernie. Then on to Ft. Duquesne Blvd. to see the call sign and home of KDKA-1020/TV 2. Next was the tour to WEEP-1080/WDSY-107.9 on the 11th floor of the Fulton Bldg. on

fixed a wonderful serving. As each person who registered came in through Saturday, they received an NRC-Pittsburgh '90 conference kit with a map and visitor's guide, and convention program (printed, written, and drawn by Chris and me) inside. At 9 pm, I



The NRC Tour group with downtown Pittsburgh in the background.

6th St. downtown. Curiously, I thought the station sent a police escort for us, but instead they were there for the weekly protest of an abortion clinic! Our tour guide was Ron Antill, Operations Manager and 3-7 pm personality on WDSY. Ron had been most helpful locating station and transmitter for about all area sites on a map when Chris and I visited WEEP also on July 26. His eagerness and anticipation of this proposed tour matched ours when we arrived. Ron gave the engineering background on WEEP, plus some history, then led us into the studios for the last weekend of "The Oldies Channel" on WEEP, because they were changing as of Tuesday the 4th to BRN-Business Radio Network. Competing with the other live oldies station in Pittsburgh, "3WS", was just too much for their ratings, which sagged below 1 percent.

Off then to the FM side which was doing a remote. A problem developed with the remote, with Ron fixing it, causing our tour to delay about 15 minutes. Eventually by 1 pm, a little behind schedule, our bus followed Ron's gray van with Rich Dau of Iowa as his passenger. Rick was getting all the inside information. A route change was favorable as we went past KDKA and WPGH TV towers, plus the eight-tower site for WWSW-970 and the five-tower array for KQV-1410 along the left side of Route 19 north. As our narrator, I pointed out these sites, but per Chuck Rader it came out garbled over the bus's PA system. About 40 minutes later, we arrived at the four-tower array and huge RCA BTE 50 kW WEEP transmitter, built in 1947. As we entered for our awaited arrival, I got the impression that Chief Engineer Cliff Bryson was astounded by the crowd of NRC'ers! His explanation of the transmitter and array was thorough, and then I introduced him to our great veteran DX'ers Harley Steward, Kermit Geary, and Ernie Cooper. My feeling of all this was that we and WEEP were benefitting a great deal from this tour, so weep not but tears of joy for WEEP.

Leaving the area known as Hampton Township at the intersection of I-76 Turnpike and Route 8, our bus barely fit through the trees along the short dirt road at the side on ward along Route 8 south 20 minutes later (now 10 minutes late) off Clearview Road to the KDKA-1020 transmitter site. Their main tower is 720 feet with a 240-foot backup. Inside the building, a husband and wife - both hams - were awaiting us along with guide and Assistant Engineer Mel Check. Later, I found out that the hams were from Arizona, had heard about our arrival, and mentioned that they were about to put a station on 97.3 in Globe, AZ. Can any member check on this? (Bruce Elvings "FM News" in WTFDA's VHF-UHF Digest lists KRXS at 3000w under station grants in the July issue. -pls) Anyway, Mr. Check explained the history and workings of both the non-used 1939 and huge Westinghouse transmitter and the

main Number 1 and 2 Harris 50 kW's. Presently, Number 2 was operating as each one shuts down every 3 months for maintenance, though the station never goes off. I cut the tour a little short so we could make it back by 4 pm and not be charged extra, which we did by three minutes.

That evening in the Stephen Foster Room, 36 people enjoyed a great dinner and buffet. Before this at 6 pm in the Goerge Westinghouse Room for the Business Meeting and later the auction, Mike Knitter went over



KDKA Asst. Engineer Mel Check (right) discusses the old KDKA transmitter (behind him, to right) with the NRC Tour group.

the NRC's current affairs and commended Chris Cuomo for his extensive work to provide address updates and phone numbers in the new AM and FM Log Books which were now on sale to us. Following the banquet, a very entertaining speech was given by news anchor and the "Big Voice" on "90 to 6" (an hour-and-a-half news block at 4:30 pm), KDKA's 34-year veteran Bill Steinbach. By now it was getting late as the NRC Auction finally started at 9:40 pm. My apologies to all as I soon was aware the members were not too enthused, maybe because of a long day, heavy meal, late time, or items that weren't too practical for air travelers. In the middle, I gave up and let Mike and Chris finish, just feeding them items. Our final sale total included my high bid of \$37 for a JVC 4-band receiver. We concluded around midnight with some items not being sold and to go into next year's auction.

As a Sunday, September 2, warm day began, we headed to the other side of the Marriott, the East Room, for another fine meal, the Breakfast/Brunch Buffet at 9 pm. By 10:45 am, about everyone moved next door to the South Room for the DX Quiz provided by quizmasters Fred Vobbe (who was going to attend but couldn't due to lightning strikes on WLJO's tower), John Bowker, and myself. The quiz was supposed to be "Mountproof", but guess who won anyway, though he said, "I don't know what all the fuss is about; I only won it once before!" It was Paul Mount! Now, guess who was requested to write up next year's quiz! Meanwhile, next door, I finalized the financial details with Dick Truax, including the NRC buying my left-over conference kits and "Pittsburgh '90" pennants (black lettering on gold felt) of which I sold 34 at \$2.00 each. Then it was back over to present local station WLTJ-92.9 "Lite FM" Chief Engineer Roy Humpfrey for a talk on the future of radio with digital broadcasting. By satellite, it could replace the medium wave band by the end of this decade! Six years ago I met Roy while he was Chief at WJAS-1320, and then while

picking up mugs two months ago from WLTI, by sheer luck, I met Roy again. As Roy noted, WLTI is the old KDKA-FM and W47P. Its antenna location is on TV 2's tower, separate from the AM's Allison Park location on Route 8. Anyway, and rather unknown to myself, I suddenly realized that it was 12:55 pm, and I had to stop his presentation, which was about over anyhow to announce that anyone going on the 1:30 Gateway Party Liner cruise of Pittsburgh's three rivers had better leave now. However, amongst my confusion, I regrettably cut off John Bowker and his History of Radio presentation by mistake. I thought everyone was going, but eight members weren't. I tried to get John back, but he had packed his stuff and had to leave soon anyway. Then I was asked to take some people to the dock as there weren't enough cars, so I did, had them follow me, and got all on the boat by 1:40 pm.

Back up to the hospitality room. After 4 pm, the group arrived and was extremely glad that they made the cruise. During the rest of the day and evening, there was just casual conversation. Soon, Jerry Starr and company returned, mentioning that they walked down probably the hilliest street in Pittsburgh, as I replied, "...How come you didn't walk up it, hi!" Around 9 pm, Ernie Weslowski showed his videotape of convention highlights (4 hours worth, speeded up slightly) to those in the room, that I immediately bought a copy. Earlier, Mike and I met a graduate physics student and fiancée from WVU plus NRC'er and next year's host for NRC Bridgeport, WV (near Clarksburg) 1991 Bill Swiger and family. Thanks for making it this year, Bill.

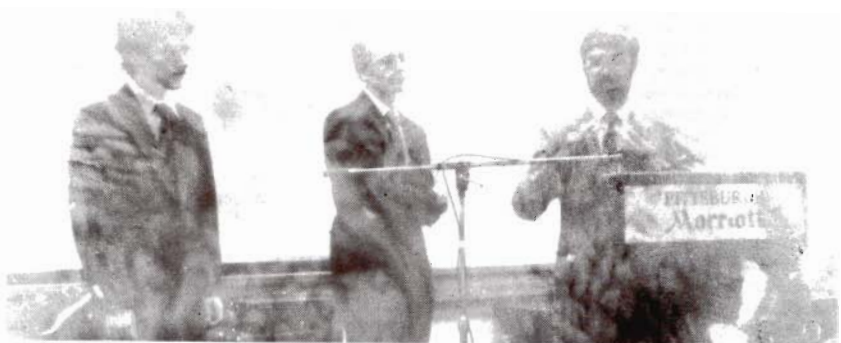
As the sun broke through the morning clouds on

Monday, the Starz Room was cleaned out and items packed as I prepared to see off those were leaving. By 1 pm, everyone was gone and I felt relieved, but good that everyone had a great time. Thank you all for coming, and see you next year.

I'd also like to thank those who couldn't make it but sent donations and wished everyone well. They are Fred Vobbe, Dario Monferini, Walt Breville, Skip Dabelstein, Dale Park, Jerry Bond, and Bill Hale.

Persons attending the banquet: 63
 Persons attending the brunch: 58
 Persons attending both functions: 68
 Persons attending functions and visitors: 79
 Total NRC'ers: 51; including wives: 59; fathers: 60; daughters: 61.

NRC'ers and family attending: Alan Merriman, Pete Clarius, Mike Knitter, Robert Knitter, Bill Townshend, John D. Bowker and wife, John S. Bowker and wife, Martin Wishnewitz, Ernest Cooper, Robert and Rita LaVigne, Don Trelford, Laura McCusker, Rick Dau, Glenn Cooper, George Greene, Dick Truax, Andy Rugg, Betty Lord, Frank Merrill, Ernie Wesolowski, Harley and Marion Steward, George Sherman, Bruce Conti, Mike Lantz, Bob Smolarek, Clarence Cordrey, Warren Greenberg, Jerry Starr, Charles Rader, Kermit and Charlotte Geary, George Walton, Doug Hunsinger, Paul Mount, Bob and Patti Stonier, Bob Harrison, Paul Swearingen, Ed McDonald, Ken Chatterton, John R. Malicky, Chris Cuomo, Jack and Gaye Parks, Laurie Boyer, Dave Whatmough, Dan Bartek, Ed Krejny, Dave Schmidt, Pat Cassidy, Wes Boyd, Bill Swiger and wife and daughter, and Karl Jeter.



Hosts Chris Cuomo and John Malicky and NRC General Manager Mike Knitter get the auction underway Saturday night.

GYDXA UPDATE

<u>1230 kHz:</u>				
KWTX	TX	Waco	Rick Dau	Oakland, IA 679
<u>1240 kHz:</u>				
4UJH	HTI	Port-au-Prince	Cesar Objio	Santo Domingo, DR 159
<u>1340 kHz:</u>				
WFSH	FL	Valparaiso	Steve Francis	Alcoa, TN 393
WTIF	GA	Tifton	Steve Francis	Alcoa 300
<u>1450 kHz:</u>				
WDAD	PA	Indiana	Don Irelford	Scarborough, ON 210
WDSS	TN	Dyersburg	Don Irelford	Scarborough 744
<u>1490 kHz:</u>				
WIKE	UT	Newport	Don Irelford	Scarborough, ON 436

Graveyard Achievements

William Hale
 734 Burleson
 San Marcos, TX 78666

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

1490 kHz

Logged Prior to Jan 1, 1960

Date of last update Dec 8, 1989

WAJF	AL	Decatur	Gene Allen	Vallejo, CA	1976
WKBS		Huntsville	Gene Allen	Vallejo	1987
WHBB		Selma	Gene Allen	Vallejo	2028
WTBF		Troy	Gene Allen	Vallejo	2110
KTYL	AZ	Mesa	Gene Allen	Vallejo	680
KYCA		Prescott	Laurie Boyer	Dunedin, N2	7330
KAIR		Tucson	Eric McIntosh	Invercargill, NZ	7408
KFFA	AR	Helena	Don Trelford	Espanola, ON	910
KDRS		Paragould	Roy Millar	Bellevue, WA	1824
KOTN		Pine Bluff	Gene Allen	Vallejo	1712
KXRN		Russellville	Gene Allen	Vallejo	1626
KDIA	CA	Auburn	Roy Millar	Bellevue	609
KPAS		Banning	Roy Millar	Bellevue	987
KOWL		Bijou	Roy Millar	Bellevue	602
KWIK		Burbank	Hank Holbrook	Chevy Chase, MD	2325
KICO		Calexico	Laurie Boyer	Dunedin	7116
KAFP		Petaluma	Don Kaskey	Galva, IA	1430
KBLF		Red Bluff	Laurie Boyer	Dunedin	7116
KXDA		Sacramento	Gene Allen	Vallejo	53
KDB		Santa Barbara	Eric McIntosh	Invercargill	7151
KSVC		Yreka	Roy Millar	Bellevue	406
WTRL	FL	Bradenton	Gene Allen	Vallejo	2421
WJSB		Crestview	Gene Allen	Vallejo	2038
WAHR		Miami Beach	Laurie Boyer	Dunedin	8324
WEAR		Pensacola	Gene Allen	Vallejo	2069
WSIR		Winter Haven	Frank Wheeler	Erie, PA	971
WMOG	GA	Brunswick	Frank Wheeler	Erie	759
WMJM		Cordele	Frank Wheeler	Erie	739
KTOH	HI	Lihue	Eric McIntosh	Invercargill	5138
KBLI	ID	Blackfoot	Gene Allen	Vallejo	630
KCID		Caldwell	Roy Millar	Bellevue	382
WDAN	IL	Danville	Frank Wheeler	Erie	410
WTMB		East St. Louis	Gene Allen	Vallejo	1738
WKBU	IN	Connersville	Charles Martin	Springfield Gdns, NY	590
WKBU		Richmond	Frank Wheeler	Erie	287
WHOT		South Bend	Don Trelford	Scarborough, ON	375
KBUR	IA	Burlington	Gene Allen	Vallejo	1670
WDBQ		Dubuque	Eric McIntosh	Invercargill	7698
KRIB		Mason City	Gene Allen	Vallejo	1555
KUOE	KS	Emporia	Gene Allen	Vallejo	1414
KTOP		Topeka	Roy Millar	Bellevue	1467
WFKY	KY	Frankfort	Gene Allen	Vallejo	2028
WKAY		Glasgow	Gene Allen	Vallejo	1988
WFXV		Middlesboro	Frank Wheeler	Erie	485
WDM1		Owensboro	Don Irelford	Espanola	573
WSIP		Paintsville	Gene Allen	Vallejo	2145
WIKC	LA	Bogalusa	Frank Wheeler	Erie	943
KEUN		Eunice	Gene Allen	Vallejo	1775
KCIL		Houma	Laurie Boyer	Dunedin	8048
KRUS		Ruston	Gene Allen	Vallejo	1716
WPOR	ME	Portland	Frank Wheeler	Erie	502
WTUL		Waterville	Charles Martin	Springfield Gardens	200
WARK	MD	Hagerstown	Frank Wheeler	Erie	244
WLOE	MA	Boston	Charles Martin	Springfield Gardens	200
WKOB		Gardner	Don Trelford	Espanola	478
WKAU		Haverhill	Frank Wheeler	Erie	451
WTXL		West Springfield	Laurie Boyer	Dunedin	9368
WJBK	MI	Detroit	Gene Allen	Vallejo	2072
WMPC		Lapeer	Charles Martin	Springfield Gardens	670
KXRA	MN	Alexandria	Frank Wheeler	Erie	800
KLGR		Redwood Falls	Frank Wheeler	Erie	769
WL0X	MS	Biloxi	Eric McIntosh	Invercargill	8280

WNAG		Grenada	Don Trelford	Scarborough	823
WHOC		Philadelphia	Roy Millar	Bellevue	2029
WELU		Tupelo	Don Trelford	Scarborough	823
WVIM		Vicksburg	Gene Allen	Vallejo	1814
KDMO	MO	Carthage	Gene Allen	Vallejo	1526
KGIZ		Grant City	Charles Martin	Springfield Gardens	1065
KBOW	MT	Butte	Laurie Boyer	Dunedin	7874
KONI	NE	Broken Bow	Gene Allen	Vallejo	1230
KBDN		Omaha	Gene Allen	Vallejo	1426
KGKY		Scottsbluff	Charles Martin	Springfield Gardens	1536
WBAB	NJ	Atlantic City	Don Trelford	Scarborough	390
KUER	NM	Albuquerque	Gene Allen	Vallejo	893
KWEW		Hobbs	Roy Millar	Bellevue	1445
KRSN		Los Alamos	Roy Millar	Bellevue	1165
KRTN		Raton	Laurie Boyer	Dunedin	7770
WBTA	NY	Batavia	Frank Wheeler	Erie	144
WMBQ		Brooklyn	Charles Martin	Brooklyn	25
WKNY		Kingston	Frank Wheeler	Erie	312
WMIL		Long Beach	Charles Martin	Springfield Gardens	8
WLBX		Long Island City	Charles Martin	Springfield Gardens	30
WICY		Malone	Don Trelford	Scarborough	255
WOLF		Syracuse	Laurie Boyer	Invercargill, NZ	9348
WNDE	NC	Eden	Frank Wheeler	Erie	328
WFLB		Fayetteville	Frank Wheeler	Erie	496
WSTP		Salisbury	Frank Wheeler	Erie	444
WSUM		Valdese	Frank Wheeler	Erie	513
WWIL		Wilmington	Frank Wheeler	Erie	554
KNDC	ND	Hettinger	Gene Allen	Vallejo	1143
KDVC		Valley City	Frank Wheeler	Erie	933
WBEX	OH	Chillicothe	Frank Wheeler	Erie	246
WSRS		Cleveland Heights	Gene Allen	Vallejo	2175
WDHI		East Liverpool	Frank Wheeler	Erie	124
WMOA		Marietta	Frank Wheeler	Erie	215
WMRN		Marion	Gene Allen	Vallejo	2099
KBIX	OK	Muskogee	Laurie Boyer	Dunedin	8103
KBKR	OR	Baker	Roy Millar	Bellevue	288
KRNR		Roseburg	Frank Wheeler	Erie	1907
KBZY		West Salem	Laurie Boyer	Dunedin	7462
WESB	PA	Bradford	Don Trelford	Scarborough	123
WAZI		Hazleton	Frank Wheeler	Erie	231
WBCB		Levittown	Frank Wheeler	Erie	298
WNRF		Lewistown	Frank Wheeler	Erie	164
WMGW		Meadville	Frank Wheeler	Erie	35
WWSW		Pittsburgh	Gene Allen	Vallejo	2251
WNBT		Wellsboro	Frank Wheeler	Erie	144
WMBA	RI	Neuport	Charles Martin	Springfield Gardens	145
WGCO	SC	Chester	Frank Wheeler	Erie	513
WAKE		Greenville	Gene Allen	Vallejo	2210
KORN	SD	Mitchell	Charles Martin	Springfield Gardens	1240
WOPI	TN	Bristol	Gene Allen	Vallejo	2192
WDXB		Chattanooga	Frank Wheeler	Erie	543
WRDL		Knoxville	Frank Wheeler	Erie	472
WJJM		Lewisburg	Roy Millar	Bellevue	2019
WATO		Oak Ridge	Gene Allen	Vallejo	2115
KNOW	TX	Austin	Frank Wheeler	Erie	1240
KIBL		Beeville	Gene Allen	Vallejo	1571
KBST		Big Spring	Frank Wheeler	Erie	1333
KHUZ		Borger	Gene Allen	Vallejo	1162
KNEL		Brady	Frank Wheeler	Erie	1266
KGKB		Brownwood	Charles Martin	Springfield Gardens	1535
KEYS		Corpus Christi	Gene Allen	Vallejo	1616
KTLC		Houston	Charles Martin	Springfield Gardens	1395
KSAM		Muntsville	Gene Allen	Vallejo	1602
KPAB		Laredo	Gene Allen	Vallejo	1510
KUDW		Littlefield	Roy Millar	Bellevue	1402
KPLT		Paris	Gene Allen	Vallejo	1534
KGKB		Tyler	Gene Allen	Vallejo	1560
KUWC		Vernon	Gene Allen	Vallejo	1309
KUOG	UT	Ogden	Laurie Boyer	Dunedin	7668
KCSU		Provo	Gene Allen	Vallejo	582
WKLU	VA	Blackstone	Don Trelford	Scarborough	452
WCVA		Culpepper	Don Trelford	Espanola	361
WUEC		Hampton	Frank Wheeler	Erie	400
WSAP		Portsmouth	Don Trelford	Espanola	709
WAYB		Waynesboro	Frank Wheeler	Erie	288
KBRO	WA	Bremerton	Eric McIntosh	Invercargill	7710
KELS		Kelso	Roy Millar	Bellevue	106
KTBI		Tacoma	Gene Allen	Vallejo	624

KENE		Toppenish			
KTEL		Walla Walla			
KPD		Wenatchee			
WDNE	WV	Elkins			
WUUW		Fairmont			
WSGB		Sutton			
WGEZ	WI	Beloit			
WIGM		Madford			
WDSH		Oshkosh			
KRRR	WY	Thermopolis			
XGDS		Torrington			
KWDR		Worland			
WECW	PR	Mayaguez			
CKEN	NS	Kentville			
CFRC	DN	Kingston			
CKCR		Kitchener			
CJIC		Sault Ste. Marie			
XEDR	SON	Guaymas			
CNOX	CUB	Havana			

Laurie Boyer	Dunedin	7625
Laurie Boyer	Dunedin	7679
Charles Martin	Springfield Gardens	2275
Ernie Cooper	Brooklyn, NY (Tie)	2275
Don Trelford	Espanola	513
Don Trelford	Espanola	475
Frank Wheeler	Erie	241
Laurie Boyer	Dunedin	8653
Gene Allen	Vallejo	1719
Don Trelford	Scarborough	457
Gene Allen	Vallejo	815
Laurie Boyer	Dunedin	8010
Gene Allen	Vallejo	891
Gene Allen	Vallejo	3622
Frank Wheeler	Erie	830
Frank Wheeler	Erie	231
Don Trelford	Scarborough	51
Don Trelford	Scarborough	307
Gene Allen	Vallejo	985
Gene Allen	Vallejo	2587

KSFT
5,000 WATTS AM

1490 kHz

Logged from Jan 1, 1960 to Present

Date of Last Update: May 20, 1990

WAJF	AL	Decatur	Neil Wolfish	Toronto, ON	745
WRLD		Lanett	Charles Reh	Leamington, ON	648
WHBB		Selma	Frank Merrill	Milan, MI	687
AFRN	AK	Campion	Esa Hanninen	Lemmenjoki, Finland	3205
AFRN		Eielson AFB	Frank Merrill	Nenana, AK	39
KBAS	AZ	Bullhead City	John Wilkins	Wheat Ridge, CO	599
KCUZ		Clifton	Rick Carr	Bloomington, IL	1168
KYCA		Prescott	Jeff Tynan	Parker, CO	543
KAIR		Tucson	Laurie Boyer	Invercargill, NZ	7386
KZAO	AR	Dardanelle	Stephen Ponder	Harrison, AR	74
KDRS		Paragould	Shawn Axelrod	Winnipeg, MB	1033
KOTN		Pine Bluff	Carl Debelstein	Lincoln, NE	510
KARV		Russellville	John Wilkins	West Des Moines, IA	437
KWAC	CA	Bakersfield	Dile Alm	Abisko, Sweden	4947
KGUD		Banning	Tim Hall	Chula Vista, CA	90
KOWL		Bijou	Pete Taylor	San Francisco, CA	160
KICO		Calexico	Jim Hilliker	Anaheim, CA	153
KRKC		King City	Frank Merrill	Nenana	2311
KTOB		Petaluma	Frank Merrill	Nenana	2142
KBLF		Red Bluff	Jim Hilliker	Anaheim	498
KDB		Santa Barbara	Richard E. Wood	Hilo, HI	2393
KOWL		South Lake Tahoe	Esa Hanninen	Lemmenjoki	4793
KSYC		Yreka	Esa Hanninen	Lemmenjoki	4635
KBOL	CO	Boulder	Esa Hanninen	Lemmenjoki	4520
KGUC		Gunnison	Jeff Tynan	Parker	133
KLIQ		Manitou Springs	John Wilkins	West Des Moines	612
WGCH	CT	Greenwich	Rodney Valdron	Petit Rocher, NB	610
WNLC		New London	Russ Edmunds	Little Silver, NJ	122
WTDR		Torrington	Russ Edmunds	Little Silver	114
WTRL	FL	Bradenton	Frank Merrill	Milan	1013
WXUQ		Deland	Karl Jeter	Stone Mountain, GA	375
WKEM		Immokalee	Ernie Cooper	Provincetown, MA	1253
WMBM		Miami Beach	Mike Csorbay	Canfield, ON	1191
WSIR		Winter Haven	Shawn Axelrod	Orlando, FL	34
WMOG	GA	Brunswick	Don Lynch	Wilbraham, MA	907
WMJM		Cordele	Don Davis	Warner Robins, GA	50
WAJF		Decatur	Bruce Winkleman	Man, WV	355
WMLS		Monroe	Jason Kustedt	Lexington, SC	144
WSFB		Quitman	Don Lynch	Lynn, MA	1050
WSNI		Sandersville	Ernie Cooper	Provincetown	990
WSYL		Sylvania	Mike Csorbay	Canfield	715
KCID	ID	Caldwell	Esa Hanninen	Lemmenjoki	4441
KKLB		Chubbuck	Esa Hanninen	Lemmenjoki	4435
WKRO	IL	Cairo	Russ Edmunds	Glen Rock, NJ	851
WDAN		Danville	Niel Wolfish	Winnipeg, MB	848
			Shawn Axelrod	Winnipeg (Tie)	848
WESL		East St. Louis	John Malicky	Pittsburgh, PA	546
WOPA		Oak Park	Wayne Heinen	Buffalo, NY	460
WZOE		Princeton	Niel Wolfish	Willowdale, ON	541
WKBU	IN	Richmond	Niel Wolfish	Winnipeg	961

WNJU	South Bend	John Wilkins	West Des Moines	382
KBUR	IA Burlington	Esa Hanninen	Lemmenjoki	4220
WDBQ	Dubuque	Wayne Heinen	Colorado Springs, CO	778
KXLQ	Indianola	John Wilkins	wheat Ridge	617
KRIB	Mason City	Charles Reh	Leamington	550
KKAN	KS Phillipsburg	Niel Wolfish	Winnipeg	706
KTOP	Topaka	Dan Phillips	Clinton, TN	805
WFKY	KY Frankfort	Tim Kerfoot	Weston, ON	472
WKAY	Glasgow	Frank Merrill	Milan	352
WFXV	Middleboro	Robert Kramer	Chicago, IL	418
WDM1	Owensboro	Niel Wolfish	Toronto	573
WSIP	Paintsville	Andy Rugg	Waterloo, ON	407
WIKC	LA Bogalusa	Charles Reh	Leamington	867
KRUS	Ruston	Charles Reh	Leamington	859
WIUL	ME Lewiston	Dave Yocis	Fairfield, CT	250
WPOR	Portland	Esa Hanninen	Lemmenjoki	3603
WIUL	Waterville	Charles Reh	Leamington	671
WARK	MD Hagerstown	Andy Rugg	Montreal, PQ	455
WHAV	MA Haverhill	Jerry Starr	Youngstown, OH	516
WMRC	Milford	Christian DeHaes	Chicoutimi, PQ	436
WTXL	West Springfield	Jerry Starr	Youngstown	420
WABJ	MI Adrian	Esa Hanninen	Lemmenjoki	4013
WAND	Manistique	Rodney Valdron	Petit Rocher	975
WMPX	Midland	Niel Wolfish	Winnipeg	791
WPBK	Whitehall	Shawn Axelrod	Winnipeg	(Tie) 791
KXRA	Whitehall	Don Voochies	Oswego, NY	489
KQDS	MIN Alexandria	Russ Edmunds	Parsippany	1111
KLGR	Duluth	Shawn Axelrod	Winnipeg	309
WLOX	Redwood Falls	Roy Millar	Marysville, WA	1322
WCLD	MS Biloxi	Frank Merrill	Milan	855
WHOC	Cleveland	Charles Reh	Leamington	718
WIUP	Philadelphia	Jerry Starr	Youngstown	731
KDMO	Tupelo	Ralph Sperry	Fairfield, CT	1180
KTRR	MO Carthage	Frank Merrill	Milan	661
KDRO	Rolla	Shawn Axelrod	Winnipeg	874
KDBM	Sedalia	Shawn Axelrod	Winnipeg	813
KXGF	MT Dillon	Esa Hanninen	Lemmenjoki	4279
KLYN	Great Falls	Shawn Axelrod	Winnipeg	621
KEZO	LAurel	Esa Hanninen	Lemmenjoki	4197
WEMJ	NE Omaha	Esa Hanninen	Lemmenjoki	4281
WLGW	NH Laconia	Jerry Starr	Youngstown	511
WUSS	Lancaster	Andy Rugg	Nuns' Island, PQ	125
KRSN	NJ Atlantic City	Debra Hidden	Orlando, FL	860
KRTN	Los Alamos	John Wilkins	wheat Ridge	277
KDAW	Raton	Tim Hall	Rancho Bernardo, CA	767
WCSS	Ruidoso Downs	Tim Hall	Rancho Bernardo	668
WBTA	NY Amsterdam	Morris Sorensen	Port Carling, ON	304
WKNY	Batavia	Russ Edmunds	Little Silver	286
WICY	Kingston	Frank Merrill	Milan	496
WDLG	Malone	Charles Reh	Leamington	446
WCDO	Port Jervis	Mike Csorbay	Canfield	276
WOLF	Sidney	Mike Csorbay	Canfield	188
WSSB	Schenectady	Laurie Boyer	Invercargill	9348
WLOE	Durham	Andy Rugg	Montreal	705
WFLB	Eden	Russ Edmunds	Kinnelon, NJ	430
WRNB	Fayetteville	Tim Kerfoot	Weston	599
WRMT	New Bern	Dave Fox	Reading, PA	370
WSTP	Rocky Mount	Andy Rugg	Montreal	705
WSVM	Salisbury	Charles Reh	Leamington	455
WHSL	Valdese	Frank Merrill	Milan	449
KHND	Wilmington	Tim Kerfoot	Toronto, ON	655
KDVC	ND Hettinger	Wayne Heinen	Aurora, CO	451
WBEX	OH Chillicothe	Roy Millar	Marysville	1137
WJMO	Cleveland Heights	Bill Alisaukas	Douglasville, GA	378
WOMI	East Liverpool	Chris Lucas	Fairfield	430
WMDA	Marion	Robert Kramer	Chicago	377
WMRN	Marion	Mike Csorbay	Canfield	260
KOKC	OK Guthrie	Niel Wolfish	Winnipeg	978
KBIX	Muskogee	Shawn Axelrod	Winnipeg	(Tie) 978
KBKR	DR Baker	Esa Hanninen	Lemmenjoki	4620
KRRR	Roseburg	Niel Wolfish	Winnipeg	1000
KBZY	Salem	Esa Hanninen	Lemmenjoki	4372
WESB	PA Bradford	Esa Hanninen	Lemmenjoki	4540
WAZL	Hazleton	Chris Lucas	Lemmenjoki	4420
WARD	Johnstown	Andy Rugg	Danbury, CT	510
		Don Lynch	Montreal	330
			Lynn	431

WGAL	Lancaster	Charles Reh	Leamington	356
WBOB	Levittown	Morris Sorensen	Kirkland Lake, ON	671
WHRF	Lewistown	Niel Wolfish	Toronto	828
WMSW	Headville	Esa Hanninen	Lemmenjoki	3946
WAGO	Reading	Don Treiford	Scarborough, ON	890
WNBT	Wellbore	Charles Reh	Leamington	873
WGGD	SC Chester	Steve Francis	Albema, TN	174
WYMB	Greenville	Robert Kramer	Chicago	570
WSOC	Hartsville	Russ Edmunds	Little Silver	516
KORN	SD Mitchell	Rich Eddie	St. Louis, MO	670
WOPI	IN Bristol	Andy Rugg	Montreal	750
WDXB	Chattanooga	Carl Dabelstein	Lynchburg, NE	730
WCUS	Crossville	Charles Reh	Leamington	442
WITA	Knoxville	Charles Reh	Leamington	430
WJMN	Lewisburg	Mike Csorbay	Canfield	641
WDXL	Lexington	Tom Sunstrom	Willingboro, NJ	826
KNDW	TX Austin	Roy Millar	Marysville	1778
KBSI	Big Spring	John Wilkins	wheat Ridge	548
KQTV	Burger	Shawn Axelrod	Winnipeg	988
KZZN	Littlefield	Shawn Axelrod	Winnipeg	1125
KDOK	Tyler	Gary Atkins	Louisville, KY	680
KUOG	UT Ogden	Roy Millar	Marysville	670
WKUT	UT Brattleboro	Rodney Valdron	Petit Rocher	480
WFAD	Middlebury	Mike Csorbay	Canfield	339
WIKE	Newport	Rodney Valdron	Petit Rocher	370
WYKR	Wells River	Rodney Valdron	Petit Rocher	395
WCUA	VA Culpepper	Andy Rugg	Montreal	525
WPAK	Farmville	Mike Csorbay	Canfield	397
WVEC	Hampton	UK DXpedition*	Sheigra, Scotland	3445
WAYB	Waynesboro	Don Lynch	Lynn	508
KBRO	WA Bremerton	Esa Hanninen	Lemmenjoki	4246
KVAC	Forks	Esa Hanninen	Lemmenjoki	4235
KNCW	Grand Coulee	Olle Alm	Karusuando, Sweden	4154
KGHQ	Hoquiam	Tim Hall	Vancouver, BC	161
KLOG	Kelso	Esa Hanninen	Lemmenjoki	4341
KENE	Toppenish	Esa Hanninen	Lemmenjoki	4295
WXIT	WV Charleston	Rodney Valdron	Petit Rocher	1030
WTCS	Fairmont	Frank Merrill	Milan	257
WLOH	Princeton	Frank Merrill	Milan	347
WGSB	Sutton	Stephen McIntire	Des Moines, IA	675
WGEZ	WI Beloit	Shawn Axelrod	Winnipeg	680
WLCC	LaCrosse	Jerry Starr	Youngstown	580
WIGM	Medford	Mike Csorbay	Canfield	544
WQSH	Oshkosh	Esa Hanninen	Lemmenjoki	3968
KIML	WY Gillette	Gene Allen	Vallejo	985
KUGR	Green River	Niel Wolfish	Winnipeg	788
KOJO	Laramie	Shawn Axelrod	Winnipeg	(Tie) 788
KGOS	Torrington	Niel Wolfish	Winnipeg	708
WMDD	PR Fajardo	Shawn Axelrod	Winnipeg	614
CJPR	AB Crowsnest Pass	Hank Holbrook	Chevy Chase	1600
CBXY	Falher	Esa Hanninen	Lemmenjoki	4054
CFWB	BC Campbell River	Esa Hanninen	Lemmenjoki	3632
CKGO	Kope	Esa Hanninen	Lemmenjoki	4103
CBXN	Natal	Roy Millar	Marysville	135
CKOOL	Oliver	Roy Millar	Marysville	375
CKMV	NB Grand Sault	Tim Hall	Banff, AB	227
VDHF	NF Harmon Field	Christian DeHaes	Chicoutimi	182
CBDO	Labrador City	Rodney Valdron	Petit Rocher	410
CBDJ	NT Hay River	Esa Hanninen	Lemmenjoki	2968
CKEN	NS Kentville	Esa Hanninen	Lemmenjoki	3282
CKAD	Middleton	Frank Merrill	St. Johns, NF	587
CKOA	ON Arnprior	Chris Lucas	Troy, NY	495
CKEF	Ear Falls	Don Voochies	Oswego	136
CHYM	Kitchener	Niel Wolfish	Winnipeg	227
CFRC	Kingston	John Wilkins	West Des Moines	691
CFPS	Port Elgin	Don Voochies	Oswego	54
CKLR	PQ L'Annonciation	Shawn Axelrod	Winnipeg	871
CKBM	Montmagny	Charles Reh	Leamington	490
CJMC	Ste-Anne-des-Monts	Russ Edmunds	Little Silver	493
CJSN	SK Shaunavon	Esa Hanninen	Espoo, Finland	3810
XEDR	SON Guaymas	Esa Hanninen	Lemmenjoki	3932
XEMS	TAM Matamoros	Tim Hall	Poway, CA	503
R. Favoritas del Sol		Esa Hanninen	Lemmenjoki	5314
VEN Maracaibo		Cesar Objio	Santo Domingo	551

* UK DXpedition [Steve Whitt, Mark Hattam, Clive Rooms]

Musings

of the Members

Dave Schmidt
P. O. Box 11502
Wilmington, DE 19850
Times are local per Muse.

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

PETE KEMP (KZ1Z) - P O BOX 73 - BETHEL, CT 06801

Greetings all! Sonny Block, real estate advisor/talk show host is back on in the Big Apple, this time on WABC, weekdays from 4-7PM. I believe he is also on the Sun Radio Network. He had previously been on WMCA before the big switch last year. On the subject of finance, Randy Williams is moving back across town in Tampa from WSUN to WTKN to host a money oriented talk show. WSUN has switched formats from talk to CW. On July 1st, when the switch was made, the station engineers played 2 hours of Christmas music to test out the transmitter. That must have gotten some attention in the market! Ex-WCBS staffers who have moved to Albany with the Empire State Network include Mel Granick, Walt Wheeler and Michael Ludlum. Highly rated Boston talk show host David Brudnoy has been given his walking papers by WBZ. The station cited its usual cost cutting motives. It was interesting to note the station said it would NOT enforce its non-compete clause. WBZ will pick up Sally Jesse Raphael and Tom Snyder talk shows. A Franklin County Deputy Sheriff, Rich Miner, is scheduled to host a Saturday afternoon Goldies Show on WCOL. The shows name? "Jailhouse Rock". Fellow NRC'ers may be interested in the book by Tom Tumbusch "The Illustrated Radio Premium Catalog & Price Guide. It will certainly bring back memories of the "Give aways" associated with early radio shows. Hi Ho Silver!

G. HARLEY DELEURERE - P O BOX 10 - HENDRICKS, WV 26271-0010

Roger Windsor, where are you? I called upon you at 727 South Wisconsin Street in Hobart, IN, however I was greeted by another tenant, and he said he did not know your location except that you're supposedly in East Gary. Information is also needed on the location of the following beacons: WUI (384), WFL (246), WVS (405) and PDR (233). Thank you, I do appreciate it!

MICHAEL HAWK (KB0XGE) - 10212 P STREET - OMAHA, NE 68122-2130

This summer has been by far the best summer I've had at BCB DX! There is one good thing about having logged less than 900 stations, there are still many easy to get. Since summer began in late June, I've logged 146 new stations. Some of my better ones are WCSE-SC, KTLO-OK, KGFF-OK, KUBE-NM and about 4 or 5 WI stations. Recent veries include WSAI-CH, WLAC-TN, WSLM-IN, KFBC-WY, KQWE & WDAY, both ND. In late June, I went on vacation to Evergreen, CO. While there, I used a 150-160 ft. longwire. DX was good but 7 days really wasn't enough time. I missed the DDXD report last issue so I guess I'll name some of my better logs, with a few of them being WPRC-IL, WMOX-MS with Unistar News, WCBS-YY, WMOB-AL, and some of the other stations mentioned above. My total is now at 665 as of 8/9. Now that my baseball team is out of the tournament and with the purchase of my R1000, new stations should continue to roll in, but school will be starting soon. I'm also starting to get into TV & FM DX, but haven't seen any E-Skip yet. I'm planning on listening during the meteor shower on 8/12 thru 8/14. I hope many people send lists and stamps to the CPC, I know I will! 73!

JOSEPH K. JOHNSON - 3119 GIBBONS STREET - SAVANNAH, GA 31406-4910

Yes, it's me again Musers! Greetings again from GA's 1st city! As I predicted in one of my earlier reports, WEAS-900 changed it's format, not to motivational as I had thought but to religion like it was in the late 70's/early 80's. They had this format prior to March of last year when they switched to Urban/Oldies. Early one Saturday AM while listening to WPTF-680, Bob Addison on ABC Talk-radio told a female listener that due to financial problems, ABC Talkradio might call it quits on Sept. 28th. I wrote a letter to ABC about this announcement. If this is true, many stations will be switching to the American Radio Network (Baltimore) of the Sun Radio Network (Tampa). As Dave puts this Muse to print, the DX season will be in full swing. I soon hope to enjoy this with better receivers in the not to distant future. That's it for now.

WIC MELTS - 501 KLEMAN ROAD - GILBERTSVILLE, PA 19525

WCAU is gone but WIBG is back! After years of silence, WIBG (ex-1520) is back, now as a visitor information station from sunrise to sunset on 1020. Their entire programming consists of a 15 minute repeating loop. Less than 2 minutes contain any actual visitor information on area attractions and where to find beach tags. More than 10 minutes was devoted to a 3 part interview with a casino game show host & his career. Other short segments included format promos by listeners, appeals for Sunday worship programming and unrelated salutes to our "boys in the Midwest conflict". Audio quality was poor with many segments taped over the phone. Interviews often cut off in mid sentence followed by prolonged dead air. Except for one legal ID on the hour, the station refers to itself as

"1020 VIR" (Visitor Information Radio). Although signal strength in downtown Ocean City was strong and enough to punch through a motels TV ORN, it was fading just a few miles out of town in Linwood. The programming included no time checks weather forecasts, traffic info, or any other live announcements. A few days later, I almost ran off the road when I heard WCAU become WOGL-AM at 1:05 PM on 8/15. I was listening to the end of an hour CBS newcast when, instead of Clark DeLeon's talk show, on comes Hy Lit playing Danny & The Juniors "Rock & Roll is Here To Stay" and welcoming listeners to "Oldies 1210". At the same time, CBS execs were retiring the WCAU calls, the news/talk format and many of the 60 staffers! Among the new retirees was ex-mayor Frank Rizzo who was often criticized for using his 3-6PM "Frank Talk" show as a podium for his re-election bid. In recent ratings, WCAU had been stuck at #14 while their FM had climbed to #3. WOGL-AM simulcasts with their FM "Oldies 98" from 10P til 10A then goes with separate programming til 6 PM to appeal to older demographics with more 50/60's oldies. They will continue to carry the Phillies, Villamova basketball and CBS sports, now in C-QUAM stereo. Not to be overshadowed by all this, WRAW-1340 has dropped MYL for "The Oldies Channel", satellite fed oldies. WAGO-1240 has moved away from All Golden Oldies to a mix of AdCom/60-80's oldies they call "The Greatest Hits of All Time". Local WPAZ-1370 has added a PA Dutch talk show on Thursday evenings 6-7P, rounding out their programming of MYL and Polka's on Saturday. Since implementation of FCC emission restrictions, I've noted some signals easier to pick up including WMCA-570 & WAMS-1380. Slight roll off of the high frequencies is barely noted on wide band tuners like my McKay-Dymek AM5 and my Sony XR-A33 car radio with Multi system AM stereo and selectable RF bandwidth. That's all for now & welcome back, Dave! 73's. (Do you note anyone still running the Kahn AM stereo system, Vic?-DWS)

CURN CHADWICK - 3014 S. 104th AVE. - OMAHA, NE 68124

I have never mused before, hence, the great record is broken! Maybe now that the ice has broken, I can lead a number of other non-musers into the habit of reporting! I am a retired railroader of near 70 summers and have DX'ed since the age of 15 and built my own tube shortwave receiver. Although I have quite a few veries, I was never serious about collecting them. I have kept a tattered log, mostly to identify who had been picked up before and who had not. Since joining the NRC, the AM band has become very interesting to me. I might get fired up to start getting veries. The equipment is a TPF, Drake SPR-4, DX 440 and an SML. Also use an outside 75 foot antenna up about 30 feet high. I rused out and bought a Realistic 12-625, thinking it was another red hot receiver that would replace my aging TRF. Hoo hah! It did not remotely compare with the TRF or the DX440. Putting the longwire on it did help to bring it up "out of the weeds". It does have better audio than the TRF but it has become an "on the shelf" local station monitor. Daytime DX is a new game to me. Since my retirement, I am surprised at the number of low power AM stations all around me that I never heard before, having always DX'ed late night time. My DX stance is a rather inglorious pose of being on my back in the living room twirling the TRF or DX440 with maps, NRC AM log, hints, notes scattered all around with my log book handy. Mayhap I shall never be of concern to the top notch loggers, but it is a lot of fun. If anyone is coming over, I can always pop into a handy hiding hole and thus again, become a normal person of some credence and acceptable in the community! I really admire those who stack up a bunch of veries, a retiree can still learn a lot from the kids! (Welcome, Curn, and we hope to see your name in these pages often!-DWS)

HARRY HAYES - 9 HENRY STREET - WILKES-BARRE, PA 18702

The AM band in the US continues to go to the dogs! WCAU-1210 is no more, much to my amazement. 1210 in Philly is now apparently WOGL-AM, ID at the top of the hour is WOGL, WOGL-FM" with no mention of the frequency at any time. (See Vic's report, earlier in the column-DWS). This station no joins WFIP-560 which rebroadcasts "EZ 101" FM. Am I having a pipe dream but wasn't there once an FCC rule that prohibited FM simulcasts in cities over 10,000 population? What happened to this rule? (Done away with with deregulation but you may see something reissued down the road on it-DWS). Locally, WGBI-910 dropped CW music in July and now simulcasts WGBI 101.3 which switched from taped top 40 to top 40 off the bird. Respective ID's are plugged in proper spots for each outlet, in other words not a dual ID. WNAK-730 now signs off in the evening, I don't think they get very far with their night signal. I vacationed briefly to the downtown Rochester area on 8/9-10. I stayed in the downtown Holiday Inn on E. Main St. overlooking the mighty Genesee River. I took note of local radio despite the fact that this hotel is an absolutely horrible location to DX. I had a small Sony pocket radio with me that I purchased at an NRC auction a few years back. I noted that religious 1460 and WEZO-990 which picks up oldies from the local 101.3 are weak, especially 990. I did not hear the WEZO calls while listening so I do not know if this is valid. 1280 simulcasts WBEE 92.5 CW. WBEE-950 has CHR with live announcers and does not originate programming off the bird! An increasing rarity these days. FM...forget it...overload city, especially WKLX 98.9. It even overloaded the AM til I folded in the whip! I could not hardly get anything from a distance up there. Either there was an aura going

on or it was the "hotel effect". I did note that CJBQ-800 puts in a fair signal day & nite from Belleville. That's one I still need down here. The AM band was deviated from 950 down of any locals or semi locals, I found this odd. The strongest low bander was WGR-550. I couldn't pull any signal from WKKB-1520 or CJSB-540. Again, this could have been "Hotel effect" even though my window was facing east. Back to Wilkes-Barre: I have been doing some listening and conditions do seem to be picking up which is usual for August, the low end is starting to come alive also which is a good sign. More next time.

NIEL J WOLFISH - 178 FLORENCE AVENUE - WILLOWDALE, ON M2N 1G4

Time to finally send in a Musings. Welcome back to Dave Schmidt. My WCHE verie that you signed in 1981 sits in my album between WITS-1510 & WKBW-1520. Now that the 90-91 DX season is about to begin, I thought I'd mention some of the high & low lights of the past season. For one reason or another, it was my best season at this location since '83! the season began on a high note on 9/1 with a rare silent period from CHUM-1050, netting me a couple of new stations, including a verie from WTSJ. 11/6-7 brought back to back silent periods from local CKEY-590. As a result, I was finally able to verie WMBS. The following Monday morning (yes I DX'ed 2 MM's in a row!), KPH-1330 became KS #2 and my first KS verie. The 1530 station from Norton, KS never verified for a report on their frequency check from the late 70's. I never bothered to verify any of the numerous KS stations heard from Winnipeg, either. On 12/1, I skipped the Friday Bar Admission classes to be on hand for the beginning of the 18th MARE (MI Area Radio Enthusiasts) DXpedition in the beautiful Brighton, MI area. Also on hand were NRC'ers Bob Walker, Harold Forge and John Rose. It says in my logbook that walker began cooking dinner at 2:56 PM on Friday afternoon, the excellent sunset skip began shortly afterward. Some of the good catches that were heard include KNBR-680, KWPN-840 & CKRC-630. My verie from CKRC mentioned they were moving studios across the road from what was my local Safeway back in my Winnipeg law school days, it's amazing how much better your verification responses are if you can mention that you used to live in that city of something equally interesting. I devoted most of the rest of December to concentrating on the 1310-1330 neighborhood as Mississauga's CJMR was slated to move from 1190 to 1320 early in January. I added 4 veries to the 1320 totals before doomsday came (1/4/90) but somehow never got around the verifying WOBK or WJAS. They generally owned 1320 in the post CFGM pre CJMR days. I DX'ed another Monday Morning on 1/9. WADN-1120 was heard, the first of 4 DX tests I verified this season, can't remember the last time that happened! On 1/30, I couldn't sleep. My insomnia was rewarded with 5 new catches on 1240 in an hour. On 2/16, it was time to head down to Brighton, ME for another MARE DXpedition, this time with Paul Routenburg. Paul & I had a great time explaining the sleeping bags and lawn chairs in my car to the US Customs guy in Port Huron, MI. Paul & I discovered that the Tandoori Chicken we ate the night before our 5 hour drive to Brighton had no effect on DX conditions. (Try Chili next time!-DWS) Aside from a couple of SD stations we heard, things were generally lousy, not that we had any hope of hearing India. Maybe we can blame it on the sandwiches from Subway? My DX'ing tailed off after March 30, the day I graduated and became a lawyer. I was pleased with my verification success this season. At last count, I was at about 82% for reports sent out, although I had to send a few follow ups. Unfortunately, a few chose to scribble the verification message on my report! 73's.

CESAR OBJIO - CALLE ENRIQUE HENRIQUEZ 69 - SANTO DOMINGO, DOMINICAN REPUBLIC

Hi, friends, how are you? I hope the Pittsburgh convention is great, and you all enjoy it. Sorry, my not being able to attend. I have to be thankful to all my friends who have been willing to help me by complying with my requests of recorded music on tape as the Crazy Otto Medley, polka music as well as old time music. Among my old papers, I have found a list of records sold by Readers Digest at the end of the 60's from which I bought some. One I missed was "Rag-Time Fun" on 4 LP's. If any of you have that album, will you be so kind as to let me know? My radio activity is low right now, so lets wait for the next season. Sorry to hear that Chuck Hutton is no longer IDXD editor and glad to see Dave with Musings! See you next time, folks!

BOB HARRISON - 166 RENNER AVENUE - UNION, NJ 07083-8839

Hats off to John Malicky for a tremendous job organizing and hosting this years convention! It was great to have the opportunity to renew old acquaintances and talk DX, DX, DX, all weekend. The tour of the WEEP/WDSY studios was a real eye opener, with a tour guide who was extremely knowledgeable and congenial. And the transmitter site tours, the auction, the promo give-aways, and everything else, it was certainly a weekend to remember. The work that went into setting this up must have been enormous, and it is very much appreciated. As for the DX season, it's off to a great start already when five new stations were logged on 8/24 under excellent auroral conditions. The Carolina's were really pouring

in here, details sent to DDXD-E. Haven't had such a windfall in at least 3 years. Hope this is an indication of what we're in for this season. Can't close a muse without yet another plea for help. First, does anyone have the current mailing address for WFXN-1300 Goldsboro, NC? The address in the log book (old & new) is no good, and directory assistance had no listing for them. Second, does anyone have the frequency listing (MHz) associated with the various citizen band channels? Thanks, and good DX!

MARTIN M. WISHNEWITZ - 35-34 84th ST. APT D-10 - JACKSON HEIGHTS, NY 11372

Well, to quote a famous personality from the cartoons to describe my thoughts on the Pittsburgh convention, YA BA DA BA DOOOOO! It was great! This was my first convention that I attended and congratulations go out to our host John Malicky & Chris Cuomo for their efforts. Not only was I able to see faces behind the names that appear in DX NEWS, I thought the bus tour was terrific. I made some new acquaintances and was impressed by the knowledge of the DX'ers in the group. Special thanks to Kermit Geary who's collections of veries was beyond belief for a young person like myself. When told there was more to the collection than was shown, I am still awed over the thought! It looks like the GE Superadio is still a decent portable. A few of us on Monday morning did a quick bandscan while standing in the parking lot of the hotel on battery power. Also, John demonstrated to a few of us a Delco AM stereo radio in his car, listening to a few music stations in the area, it sounded good! Thanks to all who I met and good DX'ing this winter!

ERNEST COOPER - 5 ANTHONY STREET - PROVINCETOWN, MA 02657

What was significant about July 8th at 4 seconds before 12:35 PM this year? It could be written numerically as 1234567890. (12:34:56, 7/8 '90). And a hearty welcome to Dave Schmidt as our new Musings editor! We're back in the big league again! (Yes, anyone for marbles?-hi!-DWS) I managed to get 21 new veries from CBC stations in the 1989-90 DX season, receiving since last February: WHTB-1400-MA, WXCT-1220-CT, WMYT-1180-NC, WDKC-1330-FL, WCSW-1390-SC, WKZN-1590-ME, WMO-830-NC, WQBO-1410-FL, WJY-1480-SC, WWT-1440-ME, WYVN-1270-FL, CFXX-960-ON, CHCM-560-NF, KA2XXB-1660-MD, CIGM-790-ON, WHEZ-1560-MI for a grand total of 4366. My first verie was from WFTW-940 Hopkinsville, KY on 12/28/32. I DX'ed from Brooklyn, NY til 12/15/74 and from then on, here in Provincetown, MA. I'm using an HQ180 with an HQ150 as a backup. Back on June 23, I happened to check 1660 and to my surprise, I found KA2XXB testing their skywave suppression antenna system with 400 watts and coming in with a nice signal so, apparently, the test was a failure. And, also, to my surprise, they sent a printed v/q! On Monday AM 7/2, I noticed country music on 1560 @ 0206, so I stayed with it and found it to be WHEZ-MI on a test. Bless, WQXR, they still maintain their Monday silent period, hardly anyone else does these days. The only new report sent out was to WOGL-1210, ex-WCAU. Congratulations go to John Malicky for a super job with the Pittsburgh Convention. The Saturday afternoon bus tour was very interesting to everybody (except the bus driver) as we saw the antennas of virtually all the Pittsburgh stations and some of their studios, and stopped to visit in some, where we were very graciously received. We were also treated to some spectacular scenery of the confluence of the three rivers and a birds eye view of Three Rivers Satdium where the (second place?) Pirates play! Problem: With the new Eveready 9 volt and Duracell batteries, I get a bad overload on the HQ180, which never happened with the old red Eveready batteries. Anyone got a solution? (I've had similar problems with the SM2 and the HQ180 here, it will overload when tuned thru the antenna peak for a strong local and pop it all over the dial. Once replaced the 6C4 tube and that corrected it-DWS). So, lets support Dave with Musings and bring this section of DX NEWS back to the prominence it once enjoyed. Forward - March! (Thanks for your fine report, Ernie. It still seems like things have gone full circle now that I'm typing up your reports when you did it for me for many, many years!-DWS)

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

And that is everything up thru 9/23 PM, this going out 9/24 AM. Yes, I did make it to Pittsburgh for the convention but sort of late, arriving Saturday afternoon then having to rush out of town Monday AM. When your doing contract engineering work such as I do, it's a little rough getting off extended periods of time. But it was indeed good to talk with those who I hope will report their DX doings to the column! If anyone has some suggestions for the "Theme" Musings we had a few years back, let me know. One I would like to see happen, Musings from other CE's associated with stations and members of the NRC. Any suggestions appreciated. And, true to form at the convention, WNR-650 WAS ON with a loud simulcast of WHOT-FM for some reason. Anyone catch that? As a reminder, all Musings should be DX related material, typed or neatly written. Reports on what your locals are doing programming wise are also fine but should be kept brief, it may aid in another ID'ing a station. I hoping to put together a little item on how satellite systems work feeding programming to stations in the near future. If done right, a station can be VERY easily ID'ed. 73's

WARU-1600 - P.O. BOX A, Peru, IN 46970 will conduct a DX TEST on November 12, 1990 from 0200 to 0230 EST. This test will consist of Voice ID's, Code ID's and March music. We would like to thank Chief Engineer Mr. James L. Swearingen for this test. Arranged by the Colorado CPC Machine for the National Radio Club.

KRKY-1600 - 7075 W. Hampden Ave. Denver, CO 80227 will conduct a SPECIAL DX TEST on November 12, 1990 from 0230-0300 EST using 5000 non-directional. The test will contain both Morse Code and Voice ID's. KRKY will be silent for the preceding 1/2 hour and will be conducting routine maintenance. Our thanks to Girard M. Westerberg Chief Engineer. Arranged by the Colorado CPC Machine for the National Radio Club.

KLER-1300, P.O. BOX 32, Orofino, ID 83544 will conduct a special DX Test on December 1, 1990 beginning at 0650. Details of programming to follow. Our thanks to Mr. Jeff Jones Station Manager. Arranged by Colorado CPC Machine for the National Radio Club.

KOJM-610 - P.O. BOX 7000, Havre, MT 59501 will present a special DX test Monday morning December 3, 1990 between 0200 and 0230 EST. Our thanks to Rob Yaw, Chief Engineer, for conducting this test. Arranged by the Colorado CPC Machine for the National Radio Club.

KUMA-1290 - P.O. BOX 340, Pendleton OR 97801 will conduct a special DX Test on December 10, 1990 beginning at 0305. Details of programming to follow. Our thanks to Mr. Greg A. Smith, General Manager. Arranged by the Colorado CPC Machine for the National Radio Club.

From the Editor ... This issue marks the beginning of Volume 58 of this publication. At the Pittsburgh convention I was privileged to be able to talk with one of the "original" members of the National Radio Club, Kermit Geary, who showed me a copy of a *DX News*, Volume 1, #11, 1933. It was mimeographed and only four pages long, but DX test listings, tips, and "chatter" were similar to those you'll find in this issue. In a sense, the bulletin has changed only in the sense of adding new things ... lists of stations heard, technical articles, news of the industry, photos, and the many other items included as the hobby evolved and DX conditions changed ... as well as now being printed by offset press, with many sections set by computer and even, like this one, laser-printed.

Furthermore, in spite of deteriorating DX conditions, more noise, fewer members than 15 years ago, and more distractions (such as computers and video games), the NRC has managed to exist and prosper at a time when many are predicting the demise of AM broadcasting, and some other DX clubs are falling on hard times. Why? The answer lies in a conscious decision by those of us who are in charge of the affairs of the club to run it in a business-like manner, still in response to the desires of the general membership, and by expanding such money-making ventures as the *NRC Log* and reprints. The DX Audio Service continues to attract members, both sighted and non-sighted. I've continued to diver-

sify *DX News* as did my predecessors by adding more features and columns to the bulletin to attract a wider membership while maintaining high DX content.

The advent of digital broadcasting, whether by direct satellite propagation or by more conventional land-based antennas, may be decades away, or it may be a reality by the end of this century, depending upon which authority you may choose to believe. But believe this: digital radio will alter radio, and DX'ing, much more than any other technological advance has so far. The technology exists right now, and experimental broadcasts have already taken place to demonstrate that the sound of digital broadcasting at least equals the quality of the compact disk.

Both AM and FM broadcasting will end up as inferior companions to digital broadcasting; stations will either convert or go off the air, and, unless the digital spectrum takes the place of the present broadcasting spectrum, the band may open up and resemble what Kermit can recall DX'ing in the late '20's ... at least for a few years until the last dinosaur rolls over and dies. Conventional analog receivers at this point will become museum pieces, to be turned on once in awhile so that your children can hear what unconverted digital audio sounds like ... perhaps like your neighbor's light dimmer which he always forgets to turn off. Zzzzz!

Whatever happens, you can count on the NRC to continue to evolve to match what's happening in the industry. Even digital broadcasts can be DX'ed, once equipment becomes available to the consumer, and technical experts amongst the members will continue to teach us how best to tune them in. So don't be too surprised at what you may see added to *DX News* in the near future. The National Radio Club will continue to evolve to match current technology. I would also venture to predict that the next two years will see much upheaval in the DX world, both in individual clubs and in available technology, just as I predicted seven years ago that AM stereo would not have much impact on AM radio.

Accordingly, allow me to offer some guidelines for publication of items in *DX News*.

Submission of articles, columns, clippings, original artwork or cartoons, and ideas for new items for *DX News* are always welcome. The purpose of the bulletin is to aid the DX'er in pursuit of his hobby, and, within space restrictions, submissions will be accepted with that major criterion in mind. It is always better to query first before creating or sending in items which would be longer than a page or so.

Columns and articles

Best: typed in pica (12-point) size, black ink, on white, legal-size unlined paper, in a 3 7/8 inch column, justified, Palatino font, either hard copy (paper) or electronic (Appleworks or ASCII [5.25" or 3.5 disks], Microsoft Works, Macwrite, Microsoft Word, Pagemaker, plus some Commodore 64 word processing applications on 5.25" disks, including Mirage and ASCII). Regular columns prepared on 14" sheets should leave .5" blank at

the top and bottom, with an extra 1.5" left for the column header on the first page. Other articles should leave only .5" at the top of the first page for a headline to be prepared in 24-point Palatino bold by the editor. Items on letter-size paper should be prepared so that I can cut-and-paste them; it's best that you don't try to print them in two columns unless you can do so on 14" paper; leave one pica (.167") in the center between the two columns. Photocopied and enlarged items (as are "AM Switch" and some clippings) are quite acceptable.

Acceptable: elite (10-point) type; one column 7 7/8" wide per page; unjustified; Courier or other typewriter fonts (except script); NLQ or LQ dot-matrix type; short, hand-written articles for re-typing by the editor if you don't have access to a decent typewriter or printer. In the near future, however, all articles and columns (except those including extensive graphics) will be expected to be in the 3 7/8" format, which is much easier to read in the reduced size of *DX News* from the originals than the full page width columns.

Minimally acceptable: non-NLQ dot matrix type (which I would ban if I thought you all were rich enough to invest in daisy wheel printers or laser printers, as it is very hard to read and downright ugly on the page; a manual typewriter produces better-looking copy).

Not acceptable: grey type (the printing process "erases" much of it); columns narrower than 3.75/7.5" (you're paying for the extra wasted white space); long articles typed with misspellings and overstrikes or corrected with anything besides white correction fluid; "it's" for "its" ("it's" always means "it is"), "your" for "you're" ("you're" always means "you are") and vice-versa; using the apostrophe on plurals (other than with abbreviations and numerals, as, "ID's", "7's", which some authorities now frown upon), and other elementary grammatical errors; un-copyread items full of typos. If I have time, I'll retype them; if I don't, which is 87% of the time, I'll send them back to you for correction. And I'm not bitching just because I've been an English teacher off and on since 1967; several members have written recently to point out errors which should be eliminated.

Needed articles

How-to articles for beginning, intermediate, advanced DX'ers ... construction articles, including diagrams, schematics, photos ... articles of historical significance, especially concerning the early NRC, early DX'ing, memoirs, special events, special stations and DX'ers, and events which might forever be lost to the world if you don't write them up ... station profiles, which will be forwarded to Tony Fitzherbert for editing ... analyses of current trends in broadcasting as affecting DX'ing ... reviews of equipment used to DX, especially under-\$100 items ... tips for DX'ers, including effective use of DX gear, non-DX gear such as the graphic equalizer, record-keeping, verie request letter-writing, taping, DX shack layout, theft and damage prevention ... summaries of longer or historical articles, with emphasis on DX.

Clippings

Anything radio-oriented will be considered; however, shorter articles about AM stations stand the best chance of seeing reprint. When in doubt, send clippings to Topeka; however, stories concerning status changes should be sent to "AM Switch" editor Jerry Starr; those involving programming changes should go to "Formats" editor Tony Fitzherbert; those involving statuses of non-domestic stations should go to "IDX" editor Jim Renfrew. Always clip liberally around the article; never write on the back of it or over or close to the type; always include the name of the publication (from now on, unidentified clips will be trashed immediately) so that we may credit the publication properly; include your name (whether or not you are an NRC member) with the clipping; watch for jump sections to following pages. If you have further insights about the news in the clipping, type up a short article, either including the clipping information and crediting the publication ("According to the September 31 *Kansas City Star*, the ..."), or in addition to the article, to be used with it. Photocopied articles, either at 100% of original size or slightly larger, should never have grey areas mixed with the type. Obviously copyrighted articles, especially from magazines, quite likely may not be used. Articles on colored or shaded backgrounds do not reproduce well.

Cartoons, drawings, graphics

I'm rather nervous about using any more copyrighted cartoons, but send them if they pertain directly to radio or DX'ing, and I'll consider them. Radio station logos, from letterheads, ads, flyers, etc., are welcomed. Colored comics and logos on darker colored paper, especially pink or yellow, do not repro well at all; light blue logos don't reproduce at all! If you have access to older radio magazines, consider photocopying and sending some of the graphics used in ads, with articles, etc., plus cartoons, halftones, and other graphics. We welcome original cartoons and graphics, and if you don't draw but have an idea for a cartoon, send it, as I have one or two very talented students who can draw up cartoons.

Photos (to accompany articles, or of unusual things, or of NRC members)

Color photos cannot be used. Black-and-white photos cost about \$7.00 extra each per PMT and seldom can be used because of the expense. However, black-and-white negatives, in almost any size from 110 up to 4x5 can be used, as I can make a "cheap PMT" using a contact screen. Never cut single negatives from a strip; include the entire strip in a negative holder (glassine or poly) and indicate the number of the desired negative.

Ideas

Although I am a one-man show in Topeka (except for an extra ten fingers or so to paste on labels), I thrive on new ideas from members. Feel free to send them often.

New Members

NRC's membership is quite stable; we're within one member of the number we had last year at the first of October. My goal is still to see the

membership grow past 1,000. At that point, enough revenue is generated to avoid possible dues increases and even to add more pages to more issues. If just the active members would solicit one new member per year, membership should increase eventually to that point, as word of mouth is still our best recruitment tactic. I'd suggest engineers, managers, and other long-time stable employees at your local stations, as well as club members of other-band clubs. Remember, if you send me names and addresses, I'll still send sample copies of DXN free to possible new members.

Future

I'm still exploring the possibility of editors and other contributors sending material via modem. The obvious problems, however, are (1) the expenses, including the modems and telephone toll or system time usage, and (2) tying up my computer and phone at awkward times. If everyone were compatible with Appleworks/Microsoft Works/Pagemaker, mailed disks would be fine. Since few are, transmission of ASCII documents is optimum ... but only if they can be dumped into a bulletin board or system like CompuServe. Again, expenses become a problem for those of us not already members of, say, CompuServe. So I am soliciting your help in deciding which way is the best to go ... assuming that electronic transfer to permit uniform appearance of DXN is the optimum way to go, over our present hodge-podge appearance. Maybe it isn't. But in view of the fact that many of our members (me included) no longer have the same quality of eyesight that they

did when they were teenagers, and this type probably is easier to read than, say, elite type or dot matrix type reduced to 60%, I'm pressing for uniformity until a majority of you convince me otherwise ...

To anyone who might ask me why I edit DX News and donate so much of my time, the answer would probably be the same as any other editor/manager in the NRC who does the same: (1) I'm still having fun; (2) I like to get things done right; (3) I like being in the middle of things getting done (e.g., I like politics and power); (4) What better way to get pen/phone pals who don't require an explanation of what DX stands for?; (5) I'm STILL having fun! And until I stand still, grow ill or senile or put in more than 80 hours per week at my job, or stop trying to meet the needs of the membership, I'll continue to help out. And to all editors/managers and others who've made my job easier or helped me out in the past, provided a kind word, or who've merely send a clipping to me or a renewal check in, THANKS! You know who you are, and you are what makes the National Radio Club a wonderful organization. Now ... Volume 58 lies ahead, so let's get on with it ...

They joined ... R. D. Shropshire, Rock Hill, SC; Mark Martin, Lansing, MI; Gregg Labbe, Akron, OH, and Rick Dettman, Buffalo Grove, IL.



Index to Volume 57 of DX News

(Welcome again to this boring page. Regular weekly columns are not indexed. Titles are generic. Errors are regretted. Numbers refer to number of issue - page. You know the rules. If you'd like a copy of the #56 Index, which I have yet to compile, send me an SASE and maybe I'll get around to doing it up by Christmas.

-Swearingen)

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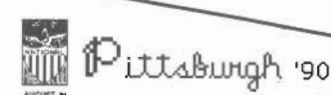
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Pittsburgh '90

Genuine souvenirs
of the '90 convention: a yellow 1x2.5
foot pennant plus a plastic white print on black folder,
with a pad of ruled 8.5 x 11 inch paper: US \$10; \$11 to
Canada; others: write. Order from the Publications
Center. Hurry - get yours before they're gone!