



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

Volume 47, Number 20

Mon., Mar. 17, 1980

CPC TESTS

- 3/18 WHOL-1600 Allentown, PA 0045-0100 ELT, 500 watts, directional N/S.
Tue. Will use 400 cycle tone, IDs each 5 minutes. Reports to James A. Herbert, CE, WHOL Radio, 1125 Colorado St., Allentown, PA 18103. Via Bill Bergadano, NRC. Look for them here 3rd MM each month. *See "STATIC"*
- 3/24 KHYM-1060 Gilmer, TX 0100-0200, 5 kw. Will test with tones and Gospel music. Reports to Al Tarasiuk, PD, KHYM, Route 4, Gilmer, TX 75644. Arr: Wayne Heinen, NRC.
- 3/31 WPIC-790 Sharon, PA 0230-0300, 1 kw. Will use 1000 Hertz tones, music, and code IDs. Reports to Charles Ring, W3NU, CE, WPIC, 2030 Pine Hollow Blvd., P.O. Box 211, Sharon, PA 16146. Arr: Dave Arbogast, NRC.
- 3/31 KWHO-860 Salt Lake City, UT 0200-0300 ELT, 1 kw non-directional.
Mon. Will use 400 Hertz tones, plus possible higher frequency tones and voice ID every 1½ minutes. Reports to Wade G. Howlett, CE, KWHO, 329 E. 200 S., Salt Lake City, UT 84111. Arr: Heinen/Gillis, NRC.

Also on MM 3/31 try for KCEE-790 Tucson, AZ after 0230 ELT. They test the last MM of the month (except in April) and use tones, carrier, IDs on the quarter-hour. KCEE, Box 5886, Tucson, AZ 85703. Via Wayne Heinen.

STATIC FROM HQ

Happy St. Pat's Day to the IRISH and to the not so lucky also! Hi! This issue includes the first DDXD from new Editor Dave Schmidt. Please send him your DX tips soon!

Thanks to ERC for his constructive criticism regarding typos in the CPC test listing. Regarding the WHOL f/c, Ernie says it is the 3rd Tuesday, not the 3rd Monday. The Monday info was what Bill Bergadano got from the station, so if there is an error it is the station's. We ask our members in the Allentown area to check this one out for us. Also on the subject of tests, the KWHO test above may have been a "double effort". The information was called in to us by Wayne Heinen. When Lynn Gillis returned from Florida to Kentucky he found confirmation from KWHO of his CPC request. So both our members were working on the same test. Regardless of who gets credit, we thank them both!

An article on hold for the March 31 issue is in the "anonymous" category because your secretary lost the transmittal. Will the member who sent the product review on the "Humpler 4NK8" drop me a card so that proper credit can be given?

We appreciate the large number of clips regarding the Radio Moscow programs over Cuban radio. These are similar to those already used in the last two weeks. A "thanks anyway" to Debra Hidden, Larry Fox and Todd Hyder.

Don't do bodily harm to the mailman, mailperson, whatever, next week. We skip a week and will return on Monday, March 31. Since we do have a lot of material on hand, we will have a large issue next time. It will contain what is best called "true variety". Looking ahead, as the season moves on to its conclusion, we'll bring DX News to you as follows: April 7 and 21, May 12 and 26, June 16 and 30, and July 14.

Pat

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

DOMESTIC DX DIGEST

NEW EDITOR:
DAVE SCHMIDT
42 CHELWYNNE ROAD
CASTLE HILLS
NEW CASTLE, DE 19720

Well, here we go with another exciting edition of DDxD, I hope you'll bear with me. All of the rules will stay the same as with Ray, please keep your tips to one side of the paper, EST, etc. So with my bottle of Liquid paper in hand, here we go:

SPECIAL

630 WMAL DC WASHINGTON, 2/25 noted off 0113, possible PoP. (WPT-DC)
1180 WHAM NY ROCHESTER, 2/18 0137, noted off this AM, maybe an every now and then MM SP? (DY-MI)
1310 WNIC MI DEARBORN, 2/27 noted on new calls, ex-WWKR. ID's as "13-NIC". (DY-MI, ST-MI)

FREQ. CHECKS

3rd Monday WRNL-910 (BR-NY), KSNO-1260 w/TT (NZ-NE)
3rd Tuesday WAHT-1510, WOHN-1440 (BR-NY)
4th Monday WGOE-1590 w/music (DS-DE)
WCVS-1450 w/TT (tent.) (DS-DE)

DX TESTS

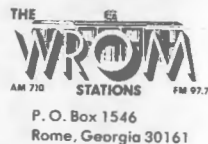
WROM - PH-KY, DY-MI, BR-NY, NZ-NE, DS-DE. Not heard by MS-MB
KURL - NZ-NE, MS-MB. Tentative PH-KY. Not heard by BR-NY, DS-DE.
WJWL - NZ-NE, DS-DE. Tentative RA-MA, ERC-MA.
WGOC - ERS-NJ, ERC-MA, RA-MA, DS-DE.
KWIL - JFJ-CA.
WKSX - DS-DE (TT only, weak u/WHP).

MIDDAY TO MIDNIGHT

730 WFMC NC GOLDSBORO, 2/20 1759 s/off noted in well, no SSB (DS-DE)
WPAL SC CHARLESTON, 2/20 1800 s/off w/instr. mx, loud, right after WFMC, no SSB. (DS-DE)
790 WETB TN JOHNSON CITY, 2/15 1809 strong w/Neil Diamond mx. (JB-NY)
850 WIVK TN KNOXVILLE, 2/15 1810 good w/spot for Interstate Batteries.
910 WAVL PA APOLO, 2/22 1720 strong w/releg. mx. (JB-NY) (JB)
930 WFMD MD FREDERICK, 2/22 1725 fighting pest WBEN w/CBS Sports w/Brent Musburger. (JB-NY)
970 KNEA AR JONESBORO, 2/18 1825-1835 w/CW mx, nx headlines, ID, all by female ann'r. (NZ-NE)
WERH AL HAMILTON, 2/19 1807-1823 w/wx, PSA, commercial, and mixed mx. (NZ-NE)
980 WRC DC WASHINGTON, 2/24 2159 poor w/nx, u/mess. (DA-OH)
CKGM PQ MONTREAL, 2/24 2200 in well w/Top 40, jock talk, (DA-OH). This guy is a real pest lately, usually like a local right after sunset. (DS)
990 WANT VA RICHMOND, 2/21 1732-1734 w/nx/POP mx, u/WJPZ (local Syracuse carrier current station). (BR-NY)
1000 WVOV AL HUNTSVILLE, 2/24 noted on good opening at SSS to south 1818-1834 s/off o/u WCFL. (ERC-MA)
1050 WJXY SC CONWAY, 2/24 1758 s/off weak w/WHN nulled, SSB if any, not heard. (ERC-MA) No, no SSB when I heard it (DS)
WHGI GA AUGUSTA, 2/24 1800-1815 weak in WHN null w/REL message noted during s/off. (ERC-MA). 2/26 1755-1808 weak but alone w/REL mx, Community notes w/female ann'r, wx. (DS-DE)
WSMT TN SPARTA, 2/20 1830 s/off w/mention of FM, wx, no SSB. (WPT)
1060 WKNG GA TALLAPOOSA, 2/20 1751 CW mx followed by SID, fair. (WPT-DC)
1070 CHOK ON SARINA, 2/24 2154 fair w/Paul Anka record which skipped at end. (DA-OH) Nothing like a skipping Paul Anka record! (DS)
1230 WISP NC KINSTON, 2/19 1817 spot for local seaford restaurant, good atop GY pile, #10 on 1230. (WPT-DC)

WNTY AM 990

BOX 990 • OLD TURNPIKE ROAD
SOUTHINGTON, CONNECTICUT 06489



1340 WJMA VA ORANGE, 2/27 1805 noted ending nx & wx, then MoR, "Radio Orange." (DS-DE)
1420 WACT AL TUSCALOOSA, 2/20 1825-1831 fair in CKPT null w/talk on basketball. (BR-NY)
1430 KOSI CO AURORA, 2/14 2346-2359 unusually strong and on top w/BFL mx, Ford spot. (MS-MB)
1440 WNPV PA LANSDALE, 2/22 1801 on top w/ann'r making mention of local T-storm. (JB-NY) Now on fulltime. (DS)
1480 WCFR VT SPRINGFIELD, 2/11 fair u/local WSAR w/s/off. (SDM-MA)
1530 WBCW PA JEANNETTE, 2/17 good at s/off 1800, o/WCKY. (BR-NY)
1550 WTHB GA AUGUSTA, 2/20 1808-1815 in fair w/WAAY w/B/SOL mx, contest promo, s/off by Danny Rene. (BR-NY)
1580 WBBR SC TRAVELERS REST, 2/16 1816 caught tail end of s/off, weak but alone. (BR-NY)

MIDNIGHT MADNESS!

540 WGTO FL CYPRESS GARDENS, 2/18 0420 BFO helped on this one, noted in background w/CW mx/ID, unn. (BR-NY)
550 CHNO ON SUDBURY, 2/26 0023 finally after years of trying, weak in WGR null w/rr. (JB-NY)
610 CKTB ON ST. CATHERINES, 0057-0110+ w/WIP nulled, in well w/CW mx, mostle o/WIOD. ID on hour for CJQR-FM. Soft spoken ann'r. In 15 years of DX'ing, only my 4th on 610! (DS-DE)
630 CKOV BC KELOWNA, 2/22 0831-0838 POP mx, time, etc. "O-V 63" ID. (JFJ)
KWRO OR COQUILLE, 2/22 0900-0916 strong w/quick s/on, CBS nx then light rock. (JFJ-CA)
690 WTIK LA NEW ORLEANS, 2/18 0414 o/Cuban w/Styx record, gone 0417. (BR)
710 UNID S/off noted weekdays 0103 topping nulled WOR, OC stays on AN, relaying CBOF. CIPC? (ERC-MA)
WDSM WI SUPERIOR, 2/8 0148-0200 stronger than usual w/CW mx, wx, NBC nx, mention of 0215 s/off, return 0600. (MS-MB)
740 KRMG OK TULSA, 2/25 0214-0216+ loud on ET w/Donna Summer mx. (RA-MA)
770 KOB NM ALBUQUERQUE, 2/18 0257-0330 fair u/WABC TT w/CW mx, ID. State #44. (BR-NY)
960 KNDN NM FARMINGTON, 2/23 0214-0245 loud on ET w/OC, ID, TT, o/UNID TT. (NZ-NE)
970 WWDJ NJ HACKENSACK, 2/20 s/off noted 0200, to return 0600, change in SP? (DS-DE)
980 KMBZ MO KANSAS CITY, 2/16 0151 nice signal w/spot for local car dealer. (JB-NY). Sends a nice v/l. (DS)
CHEX ON PETERBOROUGH, 2/25 0220-0230 Pop mx/ID, second time heard, fair signal. (NZ-NE)
990 WNOX TN KNOXVILLE, 2/18 in fair w/rr, "AM 990 WNOX" ID. (SDM-MA)
1050 CFYN ON SAULT ST. MARIE, 2/24 0550 on top w/rr, local spots (DS-DE)
1190 CJMR ON MISSISSAUGA, 2/24 1741-1745 u/WHAM splash, s/off seemed to be sung by female group. New. (JB-NY)
1230 WMNB MA N. ADAMS, 2/26 0007 s/off w/God Bless America. (JB-NY)
1240 WTAX IL SPRINGFIELD, 2/25 0203 loud on ET w/mx/TT/ID. (DS-DE)
WEBQ IL HARRISBURG, 2/25 0335-0500 reg. sked. sounding ET w/CW mx, time, etc. Signal varied as if switching powers. (NZ-NE)
1260 KSNO CO ASPEN, 2/18 0234-0240 noted on f/c w/2 ID's. (NZ-NE)
1280 CJJD ON HAMILTON, 2/18 0124 noted on this MM. (DY-MI) I believe he's been NSP since his CHAM days, Dave. (DS)
1290 KWNS KS PRATT, 2/18 0040 Ai nx followed by wx, w/Dodge City, St. Johns mentions. (PH-KY) You had time to DX, Pat? (DS)
WIRK FL W. PALM BEACH, 2/24 0218 ID & MoR mx, WWSA off. (ERC-MA)
1310 CKOY ON OTTAWA, 2/18 noted w/female ann'r, nx, wx, etc. (SDM-MA)
1430 WDIC VA CLINCHCO, 3/2 0559 fair at s/on, no SSB, mention of 5000 watts. (DS-DE)
1440 WHIS WV BLUEFIELD, 2/17 0458 fair w/NBC nx., o/u CFGO. (SDM-MA)
1470 WTKO NY ITHACA, 2/16 0224 w/promo for "Great Escape" contest. (JB-NY)
WBIG NC GREENSBORO, 2/18 0210 fair signal but lost to WSAR splash (SDM)
1480 WUEZ VA SALEM, 3/2 0557 as usual, loud w/snow info., must have been on full power. (DS-DE)
1490 WOLF NY SYRACUSE, 2/18 0150 noted in w/good signal w/WBCB. (SDM-MA)
WAZL PA HAZELTON, 2/17 0515 good w/time check. (SDM-MA)
WPAK VA FARMVILLE, 2/24 0601 s/on briefly atop w/female ann'r, ID and gone. (DS-DE)
1510 KEMM MO MARSHFIELD, 2/20 0210-0215 noted w/TT, off 0215, possible f/c, heard about once a year in passing. (NZ-NE)
WLAC TN NASHVILLE, 2/18 0126 very good signal, 15-LAC ID, rr. (SDM)
CJRS PQ SHERBROOKE, 2/18 0134 fair, o/u WLAC w/FF talk. (SDM-MA)
1570 CKLQ MB BRANDON, 2/18 0140 assumed w/cw mx, poor in noise, o/u XERF. (DY-MI) Yes, XERF is A LOT of noise anymore! (DS)

THE SOUND OF SOUTHWEST PHILLY

WSWP RADIO

4 1580 KNIX AZ TEMPE, 2/22 0954-0955 weak w/CW mx, ID & Local nx (JFJ-CA)
1590 WNTS IN BEECH GROVE, 2/25 0134-0200 fair to very good w/REL mx,
wx, "The Sounds of Life." ID on hour mentions 24 hours.
WQIQ now off daily 0000-0600, WQQW off MM. (DS-DE).....
Note: Address in log no good! PO returned report!

LAST MINUTE ITEMS

The following was phoned in by DAVE FOX, Reading, Pa.:

540 CBK SK WATROUS, 3/3 0137-0207 CBC net stuff, nx then s/off w/GSQ
& OH! CANADA.
1230 WOLS SC FLORENCE, 3/2 0530 s/on noted atop mess w/snow info., road
cx, then NOAA wx.
1380 WAYZ PA WAYNESBORO, 2/25 1810-1825 noted w/CW mx, female annnc'r,
past 1730 s/off. Giving FM ID's.

1st MM F/c.....960 WELI w/TT.

DAVE YOCIS sends the following help for some UNID's from 2/25:

ERC: Your 1060 UNID w/"Tarheel Wx" is almost certainly WQWX-Mebane, NC.
Linda Brodsky: Re WINF tentative, Stonington, CT is about 10 miles from
Westerly, RI.
Louis Poda: 1560 UNID's....XEVIP has to be the 0105 s/off, EE w/CBS net
stuff. The 0110 s/off is no doubt WPAD.

WE'VE BEEN BROUGHT TO YOU THIS WEEK BY:

PH-KY	Pat Hartlage, Jeffersontown, KY	HQ-180, 40" loop
DY-MI	Dave Yocis, E. Lansing, MI	DX-160, 15' shortwire
BR-NY	Bill Regan, Syracuse, NY	S-40B, 300' longwire
WPT-DC	William P. Townshend, Washington, DC	TRF
RA-MA	Ray Arruda, Cush-Net, MA	SX-122, etc.
ERC-MA	Ernest R. Cooper, Provincetown, MA	R-390A, HQ-180, Loop, SM2
MS-MB	Morris Sorenson, Leaf Rapids, MB	HQ-150, TRF, SM2
ERS-NJ	Elliot R. Straus, W. Orange, NJ	R-390A, Loop, LW
DA-OH	Dave Arbogast, Edinburg, OH	DX-160, longwire
SDM-MA	Steven D. Miller, Boston, MA	RF-2200
NZ-NE	Neil "Mr. CPC" Zank, Lincoln, NE	HQ-180A, TRF
JB-NY	Jerry Bond, Rochester, NY	
JFJ-CA	Joe Jergel, San Francisco, CA	
ST-MI	Scott Tuthill, Ann Arbor, MI	TRF
DS-DE	Dave Schmidt, New Castle, DE	HQ-180A, SM2
AIF	Anyone I Forgot!	

Thanks to all who sent in their tips. We'll stick with the Monday deadline date, we should get this in the mail no later than Tuesday PM and keep our fingers crossed it doesn't go to Louisville via Denver. And I'm usually at WCHE on the Monday evening before the f/c, so that week, we'll probably have a Sunday deadline with last minute items added on at the end. If your confused, don't feel bad, I am, too!



CHESTER COUNTY BROADCASTING COMPANY
STUDIO OFFICES COATSVILLE, PENNA. WEST CHESTER, PENNA.
19380

PLAN NOW FOR LABOR DAY IN L.A.!

INTERNATIONAL DX DIGEST

CHUCK HUTTON
P.O. BOX 2087
DECATUR, GA 30030
(404) 633-1198
BEFORE 2300 ELT

Times are GMT. For ELT subtract 5 hours. Deadlines are usually Monday.

Here is part of a letter received from Claude R. Beachy, Director of the Technical Department of 4VEH; this is in response to an inquiry of mine re Radio Skywave-1595: "Here at 4VEH we started these tests (R. Skywave-CH) in July 1979, first with the antenna (horizontal cubical quad) in a horizontal plane and then tilting it by 11 degrees from the horizontal. This tilt is toward 195 degrees. The antenna is suspended from 4 120 foot towers with about 700 watts of rf. Reflector spacing is .1 wave..... Broadcasts are continuing during our regular hours of broadcast from 1000 to 0200 GMT, with transmissions in French, English, and Spanish. One reason for the continuation of daylight hour transmissions is to determine whether, with seasonal change, some reflection may occur. Of course the path gain tests are being made well after sunset to determine gain from the F layer of the ionosphere. Initial tests show that we do not receive any reflections during the hours from two hours after sunrise to two hours before sunset". (One wonders if they are attempting to bounce a signal off the F layer during daylight, which would seem very unlikely and very fruitless. They have been heard in the US at s/on by myself and tentatively by Ernie Cooper. An interesting DX target-CH) (Oops, address any reports to Box 1739, Port-au-Prince, Haiti-CH)

And here is the almost-totally-guaranteed explanation of why the audio on Tunisia-1566 sounds so strange (as if the two xmtrs were not phase locked to the exact same frequency): "the problem is probably a frequency error of about 10 Hz between the transmitter and receiver of their studio-transmitter link. It is standard practise to FM-modulate a UHF or microwave carrier with a suppressed carrier single sideband signal representing the audio to be transferred; if there is not perfect correlation between the (suppressed) carrier frequency at the transmitter end and the re-inserted carrier at the receiver end, the "weird" sound results. The usual practise in multichannel radio links is to include a pilot tone (96 KHz is typical) along with the SSB channels on the microwave carrier. This is generated by the master oscillator at the xmtr. All SSB suppressed carriers are phase-locked to this pilot tone. At the receiving end, another master oscillator phase locks to this pilot tone and therefore provides phaselocked re-insert carriers for the SSB channels. If the receiver's master oscillator doesn't phase lock, and if the free-running frequency of the receiver's master oscillator is significantly different from the xmtr's MO, you get that weird sound". (Well reasoned out and no doubt the totally correct explanation. I'd bet the cause is more likely to be poor agreement between the two MO's as if the receiver failed to phase-lock it's MO to the pilot, it would seem that a bit of frequency instability would result as the PLL searched for "lock". Right? CH)

And now, a report from Bill Townshend DX'ing in Nassau, Bahamas. Some editing was done in order to conserve space.

550 COLOMBIA Medellin HJ.. accordion mx w/SS talk fair u/CMAN 2/8 0446.
620 WSN St. Ptersburg w/nx, wx fair at 1902 2/8.
630 WRBX Savannah USA nx, ID, r&r in CMHQ null 1800 2/8.
740 CBL Toronto w/wx for Ont. Fair-good o/u WKIS 0505 2/10.
750 JAMAICA Point Galena "Panorama in Education" fair 1750 2/8.
770 WABC T40 mx, xlint 2233 2/10.
850 WEAT W. Palm Beach c&w mx xlint 1723 2/10.
860 DOMINICAN REPUBLIC HILR R. Clarin fair in WKKO null 2/10 1730.
860 CJBC Toronto nx in FP fair-good 2/10 0503.
860 WKKO Cocoa xlint 2/10 1721.
870 PUERTO RICO WHOA net nx, SID fair 2/8 2005.
880 WCBS NY wx, sports fair 2/10 2227
900 WSWN Belle Glade w/PSA, Sports, xlint 2/10 1720.
910 WLAS Jacksonville NC c&w mx, SID fair 2/10 0500
920 WMEL Melbourne w/ad, lost dog report fair 2/10 1850.
980 WPIP Pompano Beach ads, T40 mx xlint 2/8 1645.
1000 WRYZ Jupiter w/PSA xlint 1808 2/8.
1020 KDKA Pittsburgh nat'l nx good 2/10 2222.

- 1030 KCTA Corpus Christi Texas w/sermon by male, QSB'ed due to pattern change 1315 2/11.
- 1040 WHO Des Moines w/BKB scores by man fair o/u Cuban 0440 2/10.
- 1070 WFLI w/ID by female fair 2/10 0448.
- 1090 KAAY Little Rock T40 mx after SID, good 2/10 0446.
- 1090 WBAL Baltimore w/wx, ad, good 2/10 2208.
- 1150 WNDE Daytona Beach w/ID, Daytona 500 promo, T40 xlnt 2/8 1813.
- 1160 KSL Salt Lake City w/BKB game, fair o/u Cuban 2/10 0430.
- 1170 WWVA Wheeling w/c&w mx, good then faded 2/10 0352.
- 1180 WHAM Rochester w/T40 after ID, xlnt 2/10 0354.
- 1190 WOWO Fort Wayne w/T40 mx, good 22/10 0442.
- 1210 WCAU Philadelphia w/discussion on high interest savings certificates, good 2/10 2212.
- 1220 WCMQ Miami w/LA song, xlnt 2/8 1745.
- 1220 WGAR Cleveland w/national nx, T40 mx, good 2/8 0534.
- 1230 WJND W. Palm Beach w/sports, xlnt w/slight ZNS2 slop 2/8 1744.
- 1300 WFFG Marathon w/ads, xlnt 2/10 1833.
- 1340 WPBR Palm Beach w/nx and sx, xlnt 2/10 1805.
- 1340 WROD Daytona Beach w/race car nx, fair u/WPBR 2/10 1705.
- 1350 WCOC Cocoa w/T40, fair u/WDCF 2/10 1826.
- 1350 WDCF Dade City w/T40, xlnt 2/10 1703.
- 1350 WSMB New Orleans w/jazz, traffic reports, ID before fade u/Cuban 2/8 2320.
- 1370 WAXE Vero Beach w/wx and Lutheran Hour, xlnt 2/10 1700.
- 1390 WCSC Charleston SC w/T40, wx, fair 2/10 1819.
- 1390 WEAM Arlington, VA w/BKB game, fair u/WCSC 2/10 0312.
- 1400 WFTL Ft. Lauderdale w/wx, ID, Boy Scouts promo, xlnt o/WIRA 2/8 1738.
- 1400 WIRA Ft. Pierce w/talk by male, fair u/WFTL 2/8 1738.
- 1410 WZST Leesburg w/talk by male, ID, fair-poor 2/10 1808.
- 1450 WOCN Miami w/discussion in SS, xlnt 2/10 1715.
- 1450 WMEFJ Daytona Beach w/T40, fair u/WOCN 2/10 1715.
- 1460 WCMB Harrisburg w/Beatles, ID, fair before fade 2/10 0232.
- 1470 WBIG Greensboro NC w/BKB, ad, good 2/10 0227. Xlnt at 0233.
- 1480 WABE Mobile Ala w/PSA, T40, good 2/8 2258.
- 1490 WMBM Miami Beach w/soul mx, xlnt 2/8 1819.
- 1500 WKIZ Key West w/wx after ad, fair 2/8 1730/
- 1500 WTOP Washington DC w/nx, wx, xlnt 2/10 2152. A pest here.
- 1510 WKAQ Boynton Beach Fla. MoR Mx, ads, ID as "Music One" xlnt 2/8 1825.
- 1520 WEXT Oakland Park w/screaming Bible-pounder, xlnt 2/8 1828.
- 1520 WKBW Buffalo w/T40, ad, SID, wx fair-good 2/10 0410.
- 1570 WOKC Okkechobee w/tail end of rel pgm, ID, poor-fair 2/10 1800.
- 1590 WALG Albany GA w/wx, good then faded 2/10 0220.
- 1590 WETT Ocean City MD w/ID, nx, fair u/heavy QRM 2/10 0300.
- 1600 WFRG Reidsville NC w/BKB, ad, fair u/heavy QRM 2/10 0259.
- 1600 WKWF Key West w/talk, poor u/WPOM 2/8 1836.
- 1600 WPOM Riviera Beach FLA w/disco, xlnt 2/8 1839.

Some observations from Armin Littek in Hamburg:

- 155 W. GERMANY // 209 & 1269
- 164 FRANCE // 1071
- 173 USSR // 1071 and 1116
- 182 E. GERMANY //783
- 191 SWEDEN //1179
- 1116 ITALY //846
- 1188 HUNGARY // 1251
- 1242 FRANCE // 837
- 1377 RUSSIA // 1404

Veries de Vernon: Australia 2UW 1107 Sydney card from David Littlejohn. England R. London 1458 card and letter from John Longden. Station played part of a cassette tape of the reception on the air. R. Birmingham 1458 v/q, v/s unreadable. Japan JOHR Sapporo 1287 v/q and HBC stickers. JOUF Osaka 1314 v/q, v/s T. Matsuda. Scotland R. Clyde 1152 v/q and note, v/s unreadable. Also played part of a cassette of reception on the air. Western Samoa 2AP 1062, Channel Two, v/q with no v/s. USSR 720 Far East FS location is Yuzhno-Sakhalinsk per verie. Sked is 1100-1200 on 720, and 630. No mention made of 1251. Real sked per monitoring is: 1100-1200 EE, 1200-1230 JJ, 1230-1300 EE, 1300-1330 JJ, don't know after that. England 1548 R. Bristol letter and cassette containing clip of the tape of reception I sent them, and comment by CE John Hawley about this reception and MW propagation in general; all this was put on the air over Radio Bristol. Most distant catch per stn. Colombia 1000 R. Nacional, Manizales v/q from Bogota with all MW and SW frequencies. Australia 1206 2GF Grafton per Bob Want, Senior Technician is to go to 5 kw and may change dorectional antenna. 1539 2JJ: per Jim Middleton of 2JJ tne

record "Tune the Medium Waves" I heard previously is by the English group Tennis Shoes on Bonaparte Label BONE-3. (Now the big question: how are we going to obtain a copy of this rare and valuable recording?CH) 1530 2VM Morea has gone to 2 kw and a 5/8 wave tower. New Zealand 2YX 1116, Nelson is on w/2 kw per Stn. Mgr. John Crawford.

Cards from Carr: El Salvador 770 YSKL sent SS letter, pennant, and pgm sked. Sked listed as 1000-0600, not 1030 as in WRTH. V/s Maria Lessvia Sarmiento Dufau, Dep't of Public Relations. Letter says the Gerente is a stamp collector so maybe used US postage will help. Mexico 1130 XEZL R. Alegria sent SS letter, v/s Rubeen Avila Martinez, Gerente. Costa Rica 825 TIOS Titania SS letter, v/s Berta Isabel Leiva I. 1224 TIPJ R. Nueva Victoria sent QSL card and window sticker, v/s Emilio Piedra Jimenez. 575 TIRN R. Nacional sent SS letter and window sticker, v/s Haydee de Lev, Directoria de R. Nacional; brings Costa Rica totals to 20 heard and 16 verified. 700 TIHE R. Reloj EE letter from Dr. Hernan Barquero Montes de Oca, Admin. Colombia HJCX R. Sutatenza SS letter and pennant from J. Delgado P., Gerente. Cuba prepared cards from 1560 CMGB 1210 CMKD, and 1180 CMBD officially stamped and initialed (AS?). Also sent wallet size calendar. Mexico 1280 XEAW prepared card from Ma. Onatnia Hernandez. 1310 XEAM SS letter from Sr. Victor Manuel Salinas. 1360 XEKF Iguala sent SS letter and several stickers, v/s Samuel Garrido Hayne, Gerente. 780 XEZN Celaya R. Mundo sent SS letter and a package of station info, v/s Luis Enrique Rodriguez M. Nicaragua YNGR ex YNM LV de Nicaragua sent SS letter and pennant which has YNGR on it, v/s Gustavo Valle Schaffer, Dir. Artistico. Honduras HRVW LV de Centroamericana sent SS letter and pennant for 1977 reception on 1197 KHz, v/s Irma de Sikaffy, Administradora. HRMD R. Yoro, 805 sent my prepared card in HRMD envelope, v/s Asaias Martinez S, 1977 reception. Venezuela YVOC 780 Ecos del Torbes sent SS letter, small calendar and decal, v/s G. Gonzalez Lovera, Director.

- 531 ALGERIA 0420 2/11 moaning etc. under DDR, //980 which I had ID'ed earlier as Algeria. Here though PFM is very difficult, too much DDR. (Littek)
- 531t AUSTRALIA 2KM Kempsey possibly the one w/DU EE talk, then pop song 0939 2/24. (Tomer) Welcome back, TP Tomer-CH
- 540 AUSTRALIA 4QL Longreach probably the one w/big band mx 0936 2/24. Very weak. (Tomer)
- 540 LIBYA typical bellyaching here 0145-0204 2/11. No ID at 0200, but talk centered around Libya at 0204. (Littek)
- 550 CUBA very strong here 2300 2/18. (Martin) This is 150 kw CMW here from 590-CH
- 550 HAWAII KMVI Wailuku blasting in 0930 2/24 w/high school BKB. Strongest HI here, in spite of co-channel QRM. (Tomer)
- 555 ST. KITTS Basseterre very strong w/woman giving a total of votes (220, 169, 111, etc.), also mentioned St. Thomas, 2/19 0435. (Martin)
- 567 IRELAND 0037 2/11 running night pgm, so //612, 1188. (Littek)
- 600 CUBA CMW Santa Clara apparently in SS (contrary to current reports) but can not tell for sure due to horrible QRM. Are they in EE all the time, southeastern members? Heard 0629 2/18. (Yocis) They were in EE from midnight to 6AM EST when carrying LV de Cuba in EE-now they are carrying R. Moscow World Service in EE (as heard by Ron Schatz and myself) but I have not checked to see if the schedule is the same-CH
- 610 UNID SS u/WIP mentioned R. Guardian 2/19 at 0400. (Martin) R. Guardian is the slogan formerly used by Trinidad and Tobago, which is in EE anyhow-CH
- 630t CUBA CMHQ Santa Clara R. Liberacion perhaps the one atop the channel w/Cuban sounding mx through the noise. 0628 2/18. (Yocis)
- 639 SPAIN RNE night pgm here 0033 2/11, // to a whole bunch of freqs. At 0120 this screwed up possible audio on 640. At 0133 had two SS stns here. (Littek)
- 640 GUADELUPE Arnouville very strong w/FF play to apparent s/off w/La Marsellaise followed by IS on guitar for several minutes then OC. 0/unid SS 1/29 0100-0200. (Falconer) Very strong w/no sign of either Cuban. Much FF talk by two men and light mx. This was a nice surprise 0005 2/25. (Kenneally)
- 655 UNID carrier noted here, really weak 0135 2/11. (Littek)
- 657 NORTH KOREA Kangnam weak w/KK talk 1020 2/25. (Tomer)
- 666 USSR Komsomok na Amure fair w/quiet mx, chimes, RR talk 1030 2/25. (Tomer)

675 FRANCE normally these guys don't stay up so late-heard 0138 2/11 w/talk but didn't sound very special. (Littek)

702 JAPAN JOEB/JOKD Hiroshima/Kitami fair w/JJ talk 0935 2/25. (Tomer)

720 UNID announced R. Melindez many times. Mentions of Peru, Argentina, and Venezuela, 0125-0210 1/6. (Maguire)

729 SPAIN RNE nite net again 0034 2/11, // just about every freq or so it seemed. (Littek)

730 TRINIDAD AND TOBAGO Port of Spain great while trying for KURL test. Accented EE, mx, and R. Trinidad ID's 0420 2/18. Are they AN? (Kenneally) Not normally. Bob Foxworth says he heard them during the KURL test also, with great signal-CH

738 AUSTRALIA 2NR Grafton fair w/quiet mx 1042 2/24. (Tomer)

738 SOCIETY ISLANDS R. Tahite fair o/KCBS slop w/slow Polynesian vocals 0750 2/24. No break or ID across the hour 0800. (Tomer)

747 BULGARIA Sofia I w/nite stuff at 0201 2/11. The other net, Sofia II, was asleep. This // 774. (Littek)

747 JAPAN Sapporo JOIB good w/JJ talk 1055 2/22. (Tomer)

750 ALASKA KFGD Anchorage fair w/pop mx and ID 1052 2/22. (Tomer)

756 NEW ZEALAND 1YA Auckland good w/MoR vocal 0944 2/24. (Tomer)

756 PORTUGAL Lisboa to good peaks w/soft mx 2345 2/15. (Connelly)

760t COLOMBIA HJAJ Barranquilla probably the one in WJR dead air 0510 1/27. Had lively HJ-ish mx which would tend to eliminate Havana which is a Reloj outlet. (Yocis)

765 NEW ZEALAND 2ZK Hastings weak w/opera 0949 2/24. (Tomer)

765 SENEGAL Dakar good w/AA talk 2230 2/12. Good w/moerem jazz, FF annr 0030 2/17. At local level w/FF talk, AA chant and AA talk 2221 2/22. (Connelly)

770 UNID carrier, no more. Guess I need more antenna. (Littek)

774 JAPAN JOUB Akita fair w/pips, then JJ talk 1100 2/22. (Tomer)

774 SPAIN synchros loud w/SS talk, show tunes 2224 2/12. (Connelly)

801 ENGLAND BBC here, clobbered usually overwhelming signal from Bayerischer Rundfunk, exactly at ID time 0000 2/11 w/nx, etc. forc about 30 seconds. Pretty convenient, eh? (Littek)

810 BAHAMAS Freeport very strong o/WGY 2155 2/8. (Martin)

810t PUERTO RICO WKVM San Juan w/peppy flute-type mx, SS talk by man 1035 2/2. (Yocis)

819 AUSTRALIA 2GL Glenn Innes brief fadeup o/1YZ 0930 2/24; quiet mx. (Tomer)

819 NEW ZEALAND 1YZ Rotorooter weak w/MoR vocals 0929 2/24. (Tomer)

819 NORTH KOREA Chongjin w/KK talk by man and woman, singing, etc. 1105 2/22. (Tomer)

820 CUBA very strong after 2300 2/18. (Martin)

828 BULGARIA 0109 2/11 Sofia II network ID;ed, // 864, 963, and 1225 and 1296. Later rechecks on these freqs found almost non-stop mx Bert Kaempfert style, almost no talk. (Littek)

828 JAPAN JOEB Osaka good w/JJ talk 0955 2/24. (Tomer)

830 DOMINICAN REPUBLIC HIJB very strong here, mention of Santo Domingo 1/23 and 2/18 after WNYC s/off 10 PM. (Martin)

834 BELIZE very strong here especially 2/19, gave time as 10:20 PM at 0320. 0510 2/19 gave freq, a prayer, and mentioned phone ## 2246 and Mr. Lawrence. Played NA and s/off at 0515. (Martin)

837 JAPAN Niigata JOJK fair w/JJ talk 1126 2/24. (Tomer)

837 NEW ZEALAND 1YK/1YX Kaitia/Whangarei fair w/MoR vocals 0952 2/24. (Tomer)

846 KIRIBATI Tarawa VSZ1 w/native female talking in Polynesian lang 0730 2/18. (Tomer) Heard several times. Clear 0958-1003 s/off 2/4; also 0850-0945 2/16 w/bad KOA splatter and 0915-0945 2/23 with bad KOA splatter again. (Maguire)

855 AUSTRALIA 4QB/4QO Maryborough/Eidsvold assumed to be the source of weak DU-accented EE talk noted 0920 2/28. (Tomer)

860 DOMINICAN REPUBLIC HILR R. Clarin very strong here after 6 PM over Canada 2/18 2300. (Martin)

873 CHINA Fujin 0923 2/23 good sig w/CC talk and singing. (Tomer)

882 AUSTRALIA 4BH Brisbane fair o/1YC 0926 2/24 w/announcement, then more EZL. (Tomer)

882 NEW ZEALAND 1YC Auckland broefly o/4BH w/operatic singing 0926 2/24. (Tomer)

882 UNITED KINGDOM present as het; hets also on 909, 1053 and 1089; 2245 2/12. (Connelly)

882 UNID a sharp het against WCBS noted most evenings and AM's. I have been dismissing this as TVI (862 is a TVI freq) but it appears even when no other TVI is noted and all local TV stns are off (at least I can't get any stns). Anything noted? (Yocis)

865 MONTSERRAT ZFB Plymouth strong w/local nx into BBC World News 0000-0020 1/29. (Falconer)

891 FIJI Lautoka good sig w/Indian MoR song 0909 2/24. (Tomer)

891 JAPAN JOHK Sendai good w/JJ 1126 2/24. (Tomer)

910 UNID SS sounded like Haiti mentioned ---- Monde 2320 2/13. (Martin) R. Nouveau Monde in Haiti is here but in FF-CH

914 UNID carrier detected here w/bits of audio, likely Surinam at 0115 1/29. (Falconer)

960 COLOMBIA strong here over all, mentions of Bogota 0000 2/19. (Martin)

963 INTERNATIONAL WATERS at 2106 2.10 R. Caroline ID;ed here finally. Pop mx, commercials, real NA format. Didn't manage to get their current address though, Bulgarian was too much trouble. (Littek)

970 MEXICO XEJ Ciudad Juarez strong w/WWSW during WAVE SP w/MoR mx and "Radio Mexicana, mas musica" ID's 0700-0715 2/18. (Falconer)

972 SOUTH KOREA HLCA Kimje good w/pips 1100 2/23 then KK talk. (Tomer)

980 ALGERIA nominal 981, PFM'ed here at 979, 998.14 Hz at 0226 2/11. No het so everybody else asleep. Usual moaning and groaning stuff //531/ (Littek)

990 MEXICO XET Monterrey strong w/ranchero mx and ID at top of hour w/mention of Monterrey 2/11 0748-0800. (Falconer)

1000 COLOMBIA HJAR Cartagena noted here for the first time u/WCFL 0514 2/1 w/SS vocals. (Yocis)

1008 NEW ZEALAND 1ZD Tauranga 0630 2/24 fair w/pop mx. (Tomer)

1010 UNID carrier all nite long, but no audio. Darn! 2/11. (Littek)

1017 CANADA and WINS are regulars in Europe-CH

1017 TONGA Nuku alofa A3Z fair 0847 2/24 w/the usual native female talking between selections of native mx. (Tomer)

1017 TURKEY 0231 2/11 all Turkey this evening, running //1062 w/Arabic type mx. (Littek)

1025 COLOMBIA HJPT announced "La Colombia de Ibague" 1005 2/18. Still to hear "Ecos del Ibague", nil (Maguire)

1025 SOLOMON ISLANDS Honiara H4B1 assumed source of talk in non-EE language 0945 2/24. very weak. (Tomer)

1035 HAITI w/mention of Cap Haitien 0100 2/19. (Martin)

1035 NEW ZEALAND 2ZB fair w/pop //1008 0930 2/24. (Tomer)

1044 NEW ZEALAND 4ZB Dunedin 0930 2/24; same pgm as 1008 and 1035. (Tomer)

1080 VENEZUELA YVQJ Barcelona strong w/WTIC and loud het w/nx, each nx item followed by chimes 1/28 2335-2345. (Falconer)

1100 ANTIGUA came in good here over WWWE and Columbia after 8 PM 2/18. (Martin)

1110 UNID SS sounded like Puerto Rico 0400 2/13, mentioned Radio Rani or Rane. (Martin)

1152 ENGLAND Metro Radio finally ID'ed at 0255 2.11 and also at 0300 nx. I've heard these little guys lots (less than 1 kw) on this a and 1170 and there's a lot of them always fighting it out. Finally caught an ID, Newcastle-Tyne w/pop mx stuff, and "London News". (Littek)

1160 COLOMBIA mention of R. Aeropuerto after 2300 2/18. (Martin)

1161 UNID somebody w/AA style moaning here 0318 2/11, Egypt, Algeria, or ????. I dunno. (Littek)

1188 JAPAN JOJK w/strong signal overcoming KEX slop 1121 2/24, had NHK1 JJ pgm //837. (Tomer)

1206 FRANCE Bordeaux very good w/man in FF 2227 2/12. (Connelly)

1210 UNID SS under WCAU any night after 0000 GMT. (Martin) I'd guess the Cuban-CH

1265.9 UNID this might be the errant Colombian noted by Hutton and others-SS male operatic vocal, SS ads by man, definite ID not heard; at fair level 0503 2/16. (Connelly)

1300 UNID 2 SS stns, one sounded like St. Maartens at 0100 1/2, too much interference. (Martin)

1325 HAITI Port-au-Prince R. Haiti-Inter great w/FF talk by female and LA mx mixed w/ZF pop. First noted on TRF 0120 2/24. (Kenneally)

1325t NETHERLANDS ANTILLES ??? believe this is PJA10, heard several times lately. Programs consist of talk by female and male in what I think to be Dutch, no ID's ever heard. Perhaps id PJA10 w/power increase, very strong 1/26 2310-2330. (Falconer) See above-CH

1425 UNID strong OC which sometimes had low-pitched tone on it 0506 2/16. (Connelly) There is a Latin on 1425 and on 1424.7 so maybe you heard the het between the two-CH

1467 MONACO Monte Carlo TWR finally pushing through domestic slop w/man in GG and mx 0610 1/27. (Kenneally)

1503 ENGLAND the big Polack is asleep at 0346 so I got Radio Stoke-on Trent BBC home service, running //1458 2/11. (Littek)

1530 DOMINICAN REPUBLIC HIJM Santiago strong during WCKY SP w/soft mx and R. Accion ID's 0715-0800 2/4. (Falconer)

- 1548 ENGLAND R. Bristol was one of two EE speakers here. ID'ed 0358 as Radio Two (must be a nite network since this is, as far as I know, a home service stn) and BBC news at 0400 2/11. (Littek)
- 1566 SOUTH KOREA Jeju HLDA great signal w/religious pgm 1104 2/24. (Tomer)
- 1566 TUNISIA Sfax good but fluttery; male AA vocal 0453 2/16. (Con)
- 1570 MEXICO XERF Ciudad Acuna should now be heard easily in New England since all the Canadians have MM SP's. Heard 1/28, said to call 1-800-453-9000 and get the "Secret of Good Luck", hummm. This at 0620. I know that this is not as easy as it looks in many parts of the country. (Yocis)
- 1577 CUBA R. Cadena Agramonte poor w/woman in SS 0454 2/16. (Connelly)

Mark Connelly	Billerica, Ma.	R390A, MW1, car radio
Jeff Falconer	Clinton, Ont.	51J4, SM2
Rick Kenneally	Cincinnati, On.	DX160, SM2
Armin Littek	Hamburg, W. Ger.	Ronde & Schwarz EK56/3, Telefunken, LW
Norm Maguire	Albuquerque, N.M.	SPR4, Sanserino loop
Charles Martin	Long Beach, N.Y.	Panasonic RE 8146, LW
Randy Tomer	Arcata, Ca.	????? (Hq100 & loop Randy ? CH)
Dave Yocis	E. Lansing, Mi.	DX160, SM2

THEY JOINED

James D. Tedford, RFD 4, Box 45, White Cloud, MI 49349
 Ken Noffsinger, AE8I, 7240 South Country Road 25A, Tipp City, OH 45371
 Peter McLure, P.O. Box 268, Neepawa, Manitoba R0J 1H0 (re-joins after a 9 year absence)
 J.E. Lewis, 1934 East 51st, #16, Tulsa, OK 74105
 CPL Michael J. Ramirez, H&S CO, BLT 1/3, 1st MARBDE FMF, PPO San Francisco 96602
 Tom Boni, 435 Watergate, Maple Shade, NJ 08052
 Grant E. Douglas, 180 Urbano Drive, San Francisco, CA 94127
 Dave Laskowski, 12021 Monsbrook, Sterling Heights, MI 48077
 Al Quaglieri, P.O. Box 687, Albany, NY 12201 (re-joins)
 Steve Chudoff, 3628 Genesee Drive, Philadelphia, PA 19154

Welcome to you all! Contribute soon. Also we acknowledge the recent renewals in North America's #1 MW DX Club:

Mike McKenna, Ray Sahlback, Robert Yentema, Dan Gebhart, David Rukakoski, Armand DiFilippo, Gogoodo Chan, Eric Breon, John Kromka, Bill Regan, Harry Morgan, Anthony Fitzherbert, Paul Betscher, Edward Cummins, Dr. James Snow, Ernie Moore, Peter Pompe, John Cessna, Sidney Steele, Walt Breville, Marc Bergman, Steven Grandi, Robert Nowak, Mick Tuggle, Phil Finkle, Rick Carr, Dan Durbin, Mike Riordan, Pete Taylor (2 years), Thomas Bull, Rob Keeney, Gary Schlessinger.

FCC 'NEWS'

WASHINGTON -- At least 20 "super-powered" broadcasting stations, booming through space behind 50,000 watts of power--the present maximum--seem to be assured by virtue of federal action.

Cleared channels and high power are here to stay, the Federal Radio Commission has decided by a vote of four to one. Only Commissioner Ira E. Robinson dissents from the view that these deluxe radio facilities are necessary to serve listeners everywhere with good signal strength. He clings to the belief that chains of regional station, with moderate power could perform the job in a more efficient manner.

The Commission's action settles the provocative issue of high-power and cleared channels to a certain degree. It ordains that the people can best be served with such facilities. But it still has before it the question of simultaneous operation of high powered stations as a means of alleviating the congestion in the broadcast band. Synchronization has been proved practicable by Iowa's two largest stations--WHO in Des Moines and WOC at Davenport, which now are operating full time with 5,000 watts power each on the same channel.... Before they undertook the experiments which resulted in success, they were forced to divide the time on the 1000 kc channel.

*Green Bay Press Gazette, 6/18/30. Via T.J. Cieslewicz

CONTESTS

JOHN KRCYKA
 P. O. BOX 86
 MCNTVILLE, NJ 07015

Paul Swearingen	22
Rick Carr	35
Robert Kramer	22
Eric Loy	20
Michael Jeziorski	19
Ray Arruda	16
Pat Mason	16
Sharon Waterman	16
Richard Waterman	15
Frank Wheeler	14
Ray Barno	13
George Walton	13
Bob Curtis	10

Congrats to Paul Swearingen for your effort in Contest #4. You have the right to claim \$4.00 worth of reprints of your choice. An honorable mention is certainly in order for Rick Carr, for his outstanding effort, hearing 35 U.S. Capitals in 2 days is amazing! You are placed second in this Contest and Robert Kramer is placed third. I hope you all enjoyed it. To those of you who didn't do well, better luck next time. By the way, D.C. didn't count because it was State Capitals, which excludes it. I know it's picky, and I'm sorry that I didn't clarify it before the Contest.

Contest #5: ONLY STATIONS COUNT OF THE SAME NETWORK OF YOUR CHOICE

Just pick a network of your choice out of the following:

- | | |
|----------------------------------|----------------|
| 1. ABC (includes Ae, Ac, and Ai) | 7. APR |
| 2. CBS | 8. UPI |
| 3. Mutual | 9. CBC English |
| 4. NBC | 10. CBC French |
| 5. NLS | |
| 6. NEM | |

When you have made your choice, ABC for example, all the stations you wish to count must be ABC affiliated stations. If you choose ABC you are allowed only one of it's subdivisions. The NRC Domestic Log will apply to this Contest and all the stations you wish to submit must conform to the network info. in the log. When submitting your entry state what your network choice is and then list the stations of your chosen network by frequency/location, so I can check them out.

DATE: You can pick any one (1) day of your choice (24 hr. period) between March 20-March 25, 1980.

DEADLINE FOR ENTRIES: April 8, 1980

PRIZE: A bonus of 10 Grand Prize points toward the free subscription to DX News. Several members wished me to go over how the Grand Prize point values work again. If you win a Contest you are entitled to 10 points toward the Grand Prize, if you are second you receive 7 points, if you come in third you get 5, fourth you get three, and fifth place earns you one point. Sixth place and lower entitle you to no Grand Prize points. These point values are accumulated for each Contest, and the one with the most Grand Prize points at the conclusion of the Contest season will win a free one-year subscription to DX News. With the conclusion of Contest 4 here's how the race for the Grand Prize turns out among our top contenders. These two are far out in front, alone.

1. Robert Kramer 29
2. Rick A Carr 24

The battle between these two is heating up now. I wish both of you the best of luck in the remaining contests. As Chuck Mangione would say, "Give It All You Got". I hope you all do well. I always welcome new contestants. If you would like to participate in the next Contest for the first time, please enclose 30¢ with your first entry to act as your entry fee and entitle you to a Certificate of Appreciation.

As we head into springtime many new thoughts come to mind surely, but remember DON'T FORGET THE CONTEST PLEASE!

John

The network listing which follows and others such as Baseball, Basketball etc., are intended to help DXers identify stations which they hear. We are not endorsing or promoting programming.

"THE WORLD TOMORROW" NETWORK

Here is a listing, by frequency, of stations carrying 'The World Tomorrow' broadcasts with Herbert W. Armstrong. Probably every DXer has heard this program at some time or another. Hopefully, this list will help identify a station that your not sure of. This listing is taken from the February issue of The Plain Truth magazine. All times are local.

Freq	Station	City, State (Province)	Time(s)
550	WGNB	Providence RI	9 AM Sun
	CKPG	Prince George BC	11:30 PM M-F
	CFNB	Fredericton NB	11 PM M-F
	CHLN	Trois Rivieres PQ	7 AM Sun (French)
560	CHTX	Prince Rupert BC	6:15 PM M-F
	CHCM	Marystown NFLD	6 PM M-F
	CJKL	Kirkland Lake ON	9:30 PM M-F
570	KLAC	Los Angeles CA	11 PM M-F; 7 AM Sun
580	KLIX	Tucson AZ	10:30 PM M-F; 9:35 AM Sun
	WIBW	Topeka KS	5 AM M-F
	WHP	Harrisburg PA	7:30 PM M-F; Sun
	CKXR	Salmon Arm BC	8:30 PM M-F
590	WFLO	Atlanta GA	11:30 PM M-F; 8:30 AM Sun
	CFTK	Terrace BC	10:30 PM M-F
	CFAR	Flin Flon MB	8 PM M-F
600	WREC	Memphis TN	11 PM M-F
	CKCL	Truro NS	6:30 PM M-F
	CFCH	North Bay ON	10:30 PM M-F
	CFQC	Saskatoon SA	8 AM M-F
610	WIOD	Miami FL	11:30 PM M-F
	CKYL	Peace River AB	7:05 PM M-F
	CHTM	Thompson BC	6:30 PM M-F
620	CKGM	Grand Falls NFLD	6 PM M-F
670	WMAQ	Chicago IL	5 AM M-F; 6 AM, 10 PM Sun
680	KNBR	San Francisco CA	9 PM Sun
	CKGB	Timmins ON	9:30 PM M-F
690	WAFE	Jacksonville FL	8:30 AM Sun
710	WOR	New York NY	10:30 PM M-F; 9 AM Sun
	CKVO	Clarenceville NFLD	6 PM M-F
730	CKGA	Gander NFLD	6 PM M-F
790	KKON	Kealahou HI	6 PM M-F
	WVAN	Providence RI	11:30 PM M-F
	CFCW	Camrose AB	11:05 PM M-F
800	WKRE	Huntington WV	6 AM M-F
	CJJC	Langley BC	6:05 PM M-F
	CKOK	Penticton BC	9:30 PM Sun-Thur
	CHAB	Moose Jaw SA	6:30 PM Sun
810	CKJS	Winnipeg MB	12:05 PM M-F
840	WNAS	Louisville KY	11:30 PM M-F
850	WYDE	Birmingham AL	7 PM M-F; 10:30 AM Sun
870	KLEV	Glendale CA	11 AM M-F
900	CJVI	Victoria BC	9:30 PM M-F
	CKRI	Prince Albert SA	10:15 PM M-F
910	WHCQ	Hartford CT	6:30 AM Sun
	CKLY	Lindsay ON	9 PM M-F
920	WMNI	Columbus OH	5 AM M-F
930	WBEW	Buffalo NY	11:30 PM M-F; 8:30 AM Sun
	WSOC	Charlotte NC	11:30 PM M-F
940	KEHE	Fresno CA	5 AM M-F; 9:35 AM Sun
	WINZ	Miami FL	12:05 AM M-F; 8:30 AM Sun
950	KPRC	Houston TX	10:30 PM M-F; Sun
	CKNB	Campbellton NB	9:30 PM M-F
960	WSBT	South Bend IN	11:15 PM M-F; 4:30 PM Sun
970	CKCH	Hull PQ	7 AM Sun (French)
980	WRC	Washington DC	8:30 AM Sun
	KMBZ	Kansas City MO	11:30 PM M-F; 10 PM Sun
	CFPL	London ON	7:30 AM Sun
1050	CJNB	North Battleford SA	6:30 PM M-F
1080	KWJJ	Portland OR	11 PM M-F; 9:30 PM Sun
	CKSA	Lloydminster SA	7:30 PM M-F
1150	KAYO	Seattle WA	11 PM M-F; Sun
1160	KSL	Salt Lake City UT	5:30 AM Sun
1170	KVOO	Tulsa OK	11:30 PM M-F; 10:30 AM Sun
	WWVA	Wheeling WV	5:30 AM M-F; 10:30 AM Sun
1180	WHAM	Rochester NY	11:15 PM M-F; 11 AM Sun

'The World Tomorrow' (Cont'd)

Freq	Station	City, State (Province)	Time(s)	
1200	WOAI	San Antonio TX	10:15 PM M-F; 10AM, 7 PM Sun	
1220	WSOQ	Syracuse NY	6:30 AM M-F; 8:30 AM Sun	
	CJSS	Cornwall ON	10:30 PM M-F	
	CKGW	Moncton NB	9:30 PM M-F	
1230	WOWA	Toledo OH	11PM M-F; 8 AM Sun	
	CKGR	Castlegar BC	10:30 PM M-F	
	CKUK	Kitimat BC	6:30 PM M-F	
	CJTT	New Liskeard ON	9:30 PM M-F	
	CJSA	Ste. Agatha PQ	8:45 AM Sun (French)	
	CKLD	Thetford Mines PQ	9:30 AM Sun (French)	
1240	CKMK	McKenzie BC	11:30 PM M-F	
	CKOO	Osoyoos BC	9:30 PM Sun-Thur	
	CJAR	The Pas MB	8 PM M-F	
	CKIM	Baie Verte NFLD	4 PM M-F	
	CJAV	Port Alberni BC	10:05 PM M-F	
1260	KGBX	Springfield MO	11PM M-F; 9 AM Sun	
	WBBG	Cleveland OH	11:30 PM M-F; 9:30 AM Sun	
1270	KGUY	Palm Desert CA	6:15 AM Sun	
1280	CKGV	Quebec City PQ	7 AM Sun (French)	
1300	WNLS	Norfolk VA	5:30 AM M-F	
	CJME	Regina SA	6:30 AM Sun	
1310	CLOK	St Paul AB	7:05 PM M-F	
1320	CFGM	Richmond Hill ON	11:30 PM M-F	
1340	KYCN	Wheatland WY	5:30 AM M-F; 10:30 AM Sun	
	CKGF	Grand Forks BC	6:30 PM M-F	
	CKOR	Revelstoke BC	8:30 PM M-F	
	CJLS	Yarmouth NS	8 PM M-F	
1350	WSLR	Akron OH	10:30 PM M-F; 8:30 PM Sun	
	CKAR	Oshawa ON	11:30 PM M-F	
1370	CFOK	Westlock AB	7:05 PM M-F	
	CHPQ	Parksville BC	10:30 PM M-F	
1380	CKPC	Brantford ON	6:30 PM M-F	
	1400	CKGR	Golden BC	8:30 PM M-F
1410	KQV	Pittsburgh PA	11:30 PM M-F; 7 AM Sun	
	CFMB	Montreal PQ	1 PM M-F; 5 PM Sat-Sun (French)	
1420	CJVR	Melfort SA	8 PM M-F	
1440	CFGP	Courtenay BC	9:30 PM M-F	
1450	CKSP	Summerland BC	9:30 PM M-F	
1470	WMBD	Peoria IL	10:30 PM M-F; Sun	
1500	WDEE	Detroit MI	11:30 PM M-F; 8:30 AM Sun	
1510	WITS	Boston MA	5 AM M-F; 7 AM Sun	
1530	KFBK	Sacramento CA	11:05 PM M-F; 8:30 PM Sun	
	WCKY	Cincinnati OH	11:30 PM M-F; 8:15 PM Sun	
1540	KXEL	Waterloo IA	11:45 PM M-F; 5 AM Sun	
1570	WTAY	Robinson IL	10:25 AM Sun (Note: list says PM, but I believe it should read AM as is daytime)	
	CKTA	Taber AB	9:30 AM Sun	
	CFJB	Nanaimo BC	10:30 PM M-F	
1600	WCPK	Chesapeake VA	12:30 PM M-F; Sun	

National Radio Club

SPECIAL QSL - 1961 CONVENTION - SEPT 2-3-4
5 kw day-1 kw night 940 Kilocycles

KIXZ

AMARILLO, TEXAS

This Will Verify Your Reception Of KIXZ On

Nov. 16, 1962. At 12:12 AM. C.S.T.

Signed *Jerry B. Hickman*

dfg

From the
Gary Atkins
"Archives"

MUSINGS

ERNEST R. COOPER
5 ANTHONY STREET
PROVINCETOWN, MASS. 02657

The opinions expressed in this column are those of the individual members, and do not necessarily reflect those of the editors, publishers or NRC.

YAD HAS WORKED UP A COMPREHENSIVE LIST OF ANS

RICK A. CARR - 102 JOHN N. Garner Circle - 102 - Austin, Texas - 78753
***** Well, I'm starting my fourth year in the NRC with totals at 1,110 heard and 1,171 verified. Lots of veries coming in from Central America, including stickers & pennants. Recent veries from two 1977 receptions include HRMD-805 "R. Yoro", Honduras, and HAVW-1197 "L.V. de Centroamerica", Honduras, who also sent a pennant. Others include YNGR-820 L.V. de Nicaragua (the YNGR call was printed on a pennant they sent), YSKL-770 R. Cadena, El Salvador who also sent a pennant, & several Costa Ricans whose info I sent to CHUCK HUTTON for his column. On Feb. 11 from 2-3am, EIT, KWET-1300, Austin, was off testing w/TT/OC c/w. On Feb. 12 from 1-1:45am, KROW-190, Austin, was off testing w/TT/OC c/w, and on Feb. 15 from ?? to 3:45, KLEJ-590, Austin, was off w/OC noted only. KKW's format isn't c/w although they do play some, they also play just about everything in the book. Their format is changing, it seems, for the worst that is. Their rating last month was second from the bottom out of at least ten Austin stations (AM-FM). They used to play nationally known album cuts with local cuts inserted between. It made very interesting listening. It seems KLEJ-FM is our Numero Uno station, playing mainly hard rock cuts. I have a project going concerning a list of 24 hour stations in the Western Hemisphere (including Hawaii). It's all typed up and I was hoping and praying (we do a lot of that when the weatherman says it's going to snow, though it never does) that maybe some veteran foreign DXpert might like to look it over and update or X anything that doesn't belong. I know there is a lot of updating to do, mostly on the foreign stations. Future plans are to have it published, through the NRC I hope, or privately. I find it a very useful aid, eliminating running your finger up & down the log-book trying to find out who's on, or going through the WATE country by country, then doing the finger routine. Comments and suggestions are welcome. Until next time, adios amigos. (Send me a copy, Rick - I'll be glad to check it over -ERC)

MOSCOW BEER ALLIS:

MARK STRICKERT - 960 N 705 - 1239 Dickinson Drive - Coral Gables, Florida - 33146 2/25/80
***** Hello again. The NRC members of Dade, Broward, & Collier Counties (sounds like a group of auto dealerships, hi) met in Immokalee yesterday, as ROY SCHEATZ, TODD HYDER, & I drove out or Alligator Alley to WKEM-190, home of STEVE KENNEDY, hi. After going out to check the WKEM tower light, or lack of, it was over to Steve's for DXing & also trying to get stations from far away on the radio even. While trying out Ron's TXI theories by listening for fade-up of Dominican-595, a strange English voice was noted on 600 KHz, someone who sounded like an announcer on Radio Moscow, which it (gasp!) turned out to be! Yes my friends, R. Moscow North American Service relayed from Cuba on Medium Wave! Fun stuff like the "news", "Moscow Mailbag" & other features on an AM radio. The broadcast lasted from 6pm to midnight, with three runs of a two-hour set. For some reason, when the Moscow business ended at midnight, the station went off, leaving only a weak "R. Libertad" from Colombia, no sign of the Cuban EE service anywhere. Gotta s'off early this time, more news from Sow Flaw next time.

"YAD" IS MAY 21, 261
Youngstown, Ohio - 44505

JERRY STARR - c/o WSRD Radio - Youngstown, Ohio - 44505
***** DX here is very slight. 2/19 - WRCM TEST with readable signal 1:30-1:50-plus; KIRL-730 TEST doubtful although the c/w gospel-type tune heard @ 2:11 & several short TT periods later way upness, tentative sent. 2/23 found WCR-760 or unusual TT w/ouch OC, three different Sbers u it. WYYS-1150 w beautiful signal - 3:25, actually faded UP for complete ID; rest of the AM a washout. Random notes: LOE FORA, your 1550 UNID or 1:25 is KEVTP in Mexico City. ERC & everyone else interested, YAD will be on the weekend of May 21-26. Still no positive answer to my mystery reception of IT from "ZWD" on 1550 1/21 but a good guess might go like this: WUDE-190 Hampton, Va. calls itself "ZFD", could it be that WVAE-1550 in neighboring Virginia Beach might have been retrocasting their audio for some reason? Does WUDE's PK also use "ZFD"? If so, are they in Rn on WAs? The programming was very Rn-like. I can remember when I worked at WVAE years ago, while doing equipment maintenance we used to get KAV-FM on our studio tuner and put it up through the control board so we could listen to it on the monitor system for entertainment while working. If the XR was on, forgetting to turn the output master switch off on the board would have put their audio into our XR. This may have happened at WVAE, we'll probably never know for sure. (Why not write WVAE & ask? -ERC) Can somebody from Tidewater confirm any of this? Sad YAD note: We had planned a tour of the country's rarest station, little WBAR-1310 who only puts its 100w into its longwire four hours per week, however GE Dale Brock called to say that Grove City College has decided not to operate at all during summer recess this year (not that in your log) so a tour is not possible. However he has promised to do a few DX TESTs for us. I'll probably make the test tape here w/ plenty of TT & CIDs so even if you can't see it, you still might get a chance to hear it.

(J. Starr, con'd.) more on this later. Recent veries; v/1: KXPO, KMUS & WYOK. v/o from KBCN for TEST (ID #4) with a note that the CE who did the TEST has left without sending veries; new CE is Nelson M. Wilson, write him if you don't get your verie. Also, strange v/q from pirate "PRN"-1620 mailed from Hartford, Conn. If this really is in New England, a question arises: What ever became of the pirate XR that RAN MUSCO successfully tracked down a few years ago? 73 & good DX. Watch DX NEWS for more YAD news soon.

FM IS DEFEATING AM BADLY

PHILIP BOERSMA - 15570 Cleveland - Spring Lake, Michigan - 49456 2/26/80
***** The latest round of ARBS (for Oct./Nov.) has provided some very interesting results - in almost every market, FM is demolishing AM. There are exceptions (the 50kw clears are, for the most part, still doing well), but overall, these ratings indicate what may very well be an irreversible trend - listeners abandoning AM en masse for FM's clearer, cleaner sound. AM broadcasters who think that gimmicks like AM Stereo might reverse this trend are deluding themselves. The truth is simply that there is nothing that AM can do which FM can't do better - except perhaps amplitude modulate the carrier! And now to add to the woes of AM, the FCC is proposing to further crowd the band with 9 kHz spacings. Sheer lunacy. AM stations cannot survive under present conditions in most markets - more competition would only hasten their demise. I talked to a local AM programmer recently, & he told me that his station, which five years ago was undisputed "king of the hill" in the ratings, is now desperate - FM has stolen up to 75% of his audience. They have tried "louder" modulation, improved fidelity, all to no avail - AM is dying, and nothing may stop the trend! 73s. PS - I have never had any trouble trying to read Musings. As far as I am concerned, any typewriter ERC has used is OK! Complaints about "legibility" - like complaints about poetry or "non-DX material" as far as I am concerned, all seem to issue from the same persons, who appear to be nothing but chronic complainers! Keep up the good work, Ernie! (Thank you, Philip! -ERC)

KEN IS BACK AFTER A FOUR-YEAR ABSENCE

KEN ROBSTADT - 2541 Schroeder Court - Toledo, Ohio - 43613
***** Greetings fellow DXers. I must say that it feels great to be back in the Club after an absence of about four years! Thanks to the constant harassment of FRANK KERRILL, GARY SIEGEL, & JOHN BUEHLER, I am now again a member of the NRC & enjoying DXing more than ever. CX were quite slow here in T-Town but mysteriously after talking to ERC on the phone one afternoon they turned to gold. (That'll do it every time, hi -ERC) Now, on that DX: 2/5 - WPCB-1400 on f/c from 12:30-12:35 per call to CE. 6:50pm, KIOS-1550, Hastings, w/TC, WX, ID & MoR. 2/7 - WGR0-960 w/s/on @ 6am. 2/8 - New station WXKQ-970, Spring City, Tenn. w/s/on @ 6, & @ SSS, CKRB-1450 w FF & rr @ 6:15pm. 2/11 - 6:58pm, WJAN-1220 w/c/w & talk about an insurance agency in Atlantic, then s/off @ 7pm w/GAR. 7:17, WKOP-1360 w c/w & f announcer. 2/12, s/off of new station WAQE-1090, Rice Lake, Wis. @ 6:30pm. 2/17 - CKBW-1000, Bridgewater, N.S. @ 5:50am w/c/w solo by WQEL s/on @ 6. 2/18 - WEIC-1270 @ 6:30pm with an announcer warning his listeners about a fake "EIC" contest someone was running. Well, that's it for now. Totals are 1,801 heard, 48 states & ten provinces. If anyone has an HQ-180 or H-390 for sale, please write! 73's. (Welcome back, Ken - please double space??-ERC)

LET'S WELCOME ANOTHER NEW MEMBER INTO THE NRC

HARRISON FIERCE REED III - 123 Woodlawn Avenue - Saratoga Springs, New York - 12866
***** Hello, friends! Perhaps this will take on more the form of a muse, not a book! (smile). DX this week has been (to put the matter kindly) slow. No new catches. A huge snowstorm hit the Carolinas & Virginia, then barely touched coastal New England, before moving out to sea. The clear-skied deep-freeze continues unabated here. Whether or not the WX system has had anything to do with it, there has been virtually no nighttime skip to speak of. The best times have been shortly after noon, & on into the pre-dusk hours when the sun is brilliant in the Western sky. Wed. 2/6 was a case in point: At about 1:30pm, I noticed WZB stronger than some of our locals. So I tuned the band. Boston was also the ruler at 950k, overcoming the usual IBX much of the time. The trouble with WIZR was coming from WWHH, Rochester, N.H., & WGRQ was being buried by WJAR. A quick check elsewhere saw WPRO coming in like a local on 630 (no sign of WJUL). WTAG was at least as strong as local WROW or the adjacent channel, yet NRC was about normal. WGN was in solid or 550 as well, though not as strong as some stations I heard. The c/w mx was chopping up local WHAZ - turned out to be WDLK, first daytime catch for them, here. 1170 was loaded, but I only caught what slurred like "DLC." I do not know where from. (Musta been my local WYLC, Orleans, Mass. -ERC) Natick Mass. was all alone on 1060, w/nearly WZB strength. WWHB was very clean on 750, about the best ever heard. It was listenable on anyone's cheap radio. WYPO was excellent else. I regret to say I forgot to try 740, as the last time I heard Cambridge, Mass. it was a classical station called "The Fine Arts Station of Boston" this was in 1963! WUNR was over everything else on 1600. 1570 was loaded, too, but since I have heard everything on that channel, I moved on, & did not take the time to ID them all. One mentioned "The North Shore" however. (That would be the new WBVD, Beverly, Mass. - ERC) WNTN was solidly boss on 1550, but that happens often. Something was on 1520, but so was WBWB & I could not pick out the other one. On 1480, it was WJAR over all others (not unexpected). 1470 was fighting it out w/1460 slop. Of course I expected that to be caused by powerful local WOKO, but I found Brockton on 1460, way over the local! WBET had to be carefully nulled in order to listen to WOKO. 1440 was "14-Q" though not as strong as several others. 1430 was a jam between Amherst & Medford, Mass. 1420 was WBEM way over everything else, w/a tasty selection of "oldies". I listened for quite a while, enjoying. On 1410 WOKW was giving local WBZA trouble, while WPOP was way under both. The EZL on 1390 turned out to be WPIM, seldom heard here. WBBX & WNRI were fighting for control of 1380, while WFEA was solidly behind semi-local WBTN. I discovered WLYN is now WNSR?? In any case, o/WDR. (cont'd, next two issues -ERC) (Please double-space, Harrison, & send to Provincetown? -ERC)

BILL LID SOME (NO-NO) FM DXING IN THE BAHAMAS 2/26/80
 BILL Connecticut avenue N.W. #901 - Washington, D. C. - 20008 202-966-8046
 ***** I got back from The Bahamas ten days ago. The coldest WX on the trip was in St. Petersburg, Fla. with 35°F on Ground Hog Day (six more weeks of Winter, hi). While in the Tampa Bay area, JEFF LOCKWOOD & I visited Dave Thomas' pad two days before Dave left to run a solar eclipse expedition to Kenya (he said he'd buy a Radio Shack TRF before he went after he saw my TRF). I was with Dave for the 1976 eclipse trip to Australia; I bagged K0AA-1520 on a pocket Rx with the help of a coconut tree aerial at Somo; 6,000 miles away. I saw three more eclipse freaks at Clearwater the day before I saw Dave & Jeff. (I knew the three from the around-the-world trip in '74). Dave showed us an impressive file of over 4,500 BCE QsLs collected during 56 years of DXing & the reception reports he got while operating WUMS in So. Ohio. (He was heard in New Zealand, using 5 watts!) His shack included a rig for the dyed-in-the-wool L.D. DXer, which has six bands, ranging from 14.5 kHz (birds, dogs, & cats can hear higher frequencies as audio) through 645 kHz. In So. Fla. & the Bahamas, I again used a palm tree aerial with a pocket RX (ERC make; I don't mean ERNIE COOPER, hi) & discovered it works for the pocket RX but hardly for the TRF, although the loggings I sent in to DDX & IDDX columns were based on the TRF use. I didn't report any Cubans because of their power & close proximity to Nassau and because they are pests here in the Washington-New York-Boston corridor. Most of my reports were midday receptions. I did a little FM DXing in Nassau (no FM stations in the Bahamas, only one TV station, which was on strike) with the pocket RX, bringing in WMBB-FM-89.3 Boynton Beach, Fla., WKQS-FM-99.9 Boca Raton, WKRD-FM-102.7 Pompano Beach, & WYOK-FM-105.1 Coral Gables, with WMBB being the best @ 8am 2/11 (temperature 51° at 14m beach) over 220 miles (352 km) with fair signal. This is my farthest FM catch ever, rivaling WKTA-FM-106.9 McKenzie, Tenn. heard at WALT BREVILLE's country pad during the Convention (I may not be in HANK HOLBECK's class for distance, but the tropospheric scatter was excellent 2/10-11). I have to go out of town or out of the country to DX on FM or TV because my D.C. location as a place to do such DXing due to close proximity to several TV & FM masts (Ch. 4,5,7,9,20,26) all within 3,400 meters of my pad. These FM stations (they use the same masts as the TV stations) generate spurs all over the dial. WMAL-630 had an SP last night (semi-annual Pop) but again the unnn Cuban pests CMHQ-630 & CMQ-640 dominated, the latter frustrating my efforts for KFI. I did hear an unID LA u/CMHQ on 630. Enough said for now. C U N 14. 73s de WPT.

RECENT DX NEWS LA SS ARTICLE HELPED HARRY

HARRY WALDRON - 201 Monroe Road - Sarver, Pennsylvania - 16055
 ***** After an absence of quite some time from these pages, here is a summary of radio activity (Non-Pu type) for the last two months. Before the DX season began, I acquired a 180A in mint condition through an ad in Ham Trader, added a digital readout & now this machine along with an SM-2 has become the prime receiving apparatus. AU CX in January & February have been pretty good; 1/5- Costa Rica-725, St. Kitts-555. 2/18- Cuba-1160, Bahamas-810, Jamaica-550. 2/21- Honduras-944. The LA article by NEIL KAZAROSS, MARK CONNELLY & MARC DELCRENZO helped much and my thanks to them. The end of January saw an early evening opening to the SW on 910 & KGLC, Miami, Okla. & KLCN, Blutheville, Ark. were logged. On 2/18 WENC-890 Henderson, N.C. signed off @ 6pm with a double "G'bye" in male falsetto for a novel touch. SRS & SSS continue to be good times to pick off Pa., Va., O. & N.Y. daytimers of which I need many more. In local broadcasting news, Ed Schaughency is retiring from KDKA-1020 after 48 years on their announcing staff. This must be some kind of a record for longevity in radio. Remember Ed and Rainbow in the early morning about 35-40 years ago? And WACB-1380 Kittanning has been sold to the Nicholas interests of Butler, Pa. who have a hand in many local businesses.

RAY HEARD THE POP FROM WQOC-1090 2/25

RAY ARRUDA - 47 Burt Street - Acushnet, Massachusetts - 02143
 ***** On 2/19 Arlene & I motored out to see ERC, "The Cape Tip DXer", but as always, time flew by, & before we knew it, we were heading back. How were the pancakes? (Great! (At the church Shrove Tuesday dinner, gang -ERC) Here is one member who thoroughly enjoys reading Musings and especially the ones from some of our Senior members telling us how DX used to be, making interesting comparisons of "then" & "now". No sunset listening recently but MM 2/18, WROM-710 TEST made it weak but clear u/WOR 1:31-2:01 w/mx & many IDs, maybe some 400 cycle TT just before 2. WABC-770 & WNN-1050 were off. MM 2/25: Many stations off, most notable being WEMT-590 & WRKQ-680 who rarely take SPS. Nothing unusual noted on 5:0 or 6:00 though. A last minute tip from ERC helped all of our "Northeast Network" log WQOC-1090 Tenn. on a Pop. I bagged 'em after 12:42 WBAL s/off to 1:08 w/varying TT OC & IDs in voice & code - 115s CIDs. Tones were heard as early as 12:04. Veries are back from WKOK-710-TEST, WCPs-760, WRAP-850, WENC-890, WKYS-1000 & WENC-1220. Bill Rogers, CE at WENC says he will answer reception reports by PF C only because there is no secretarial help at the station. That's it for now. DX can be heard under those high powered clear channels, especially the ones that run talk shows AN. 73.

DAVE LOGGEL WQOC-1090 TOO

DAVE RUKAKOSKI - RFD #1 - Box 409 - Brooklyn, Connecticut - 06234
 ***** Thanks for the WQOC tip! They were coming in w/a fair signal, their tones were heard even through WBAL until they s/off @ 12:40am. CIDs of WQOC were heard @ 12:05, 12:49, & 1:05. I also heard some garbled talk before these IDs. Also, WHPY-1590 Clayton, N.C. was caught "on for testing purposes" @ 12:09-12:11 plus - I think they tested w/mx, on this exciting morn of 2/25. About the WROM TEST, with just a plain TRF I tried to null WOR as much as I could, but what was underneath sounded foreign to me (SS or something like that). WMLP-1380 all to TESTING the AM of 3/17 from 2:30-3:00am w/mx & IDs, CE says he'll be glad to give the NRC "some audio." All for now.

FORMATS AND PERSONALITIES

PETE KEMP - 5 Greenwood Avenue - Bethel, Connecticut - 06801 WB1FZX
 ***** Kansas City's KCMO is beefing up its news, besides its affiliation with ABC Radio News, it is adding CBS Radio News, Kansas Information Network, and Missouri News Network. Boy, I want to see how the NRC Log lists that one, hi. In addition KCMO is changing its antenna pattern by relocating two of its five towers and installing a new XR. Across town at KMBZ, their program director hopes to turn back the clock returning to a rock format and switching around their present DJs. WNAH in Bridgeport is on the selling block with a prospective buyer already in the wings. Out in St. Louis, Jack Buck has been added to do the play-by-play of Cardinal FB, replacing Bob Starr who left for KMPC to do the Rams/Angels. WYRU in hed Springs, N.C. is changing frequency to 1520 and increasing power to 5kw. In Grass Valley, Cal. KNCO is adding nighttime service with lkw with directional antenna. I wish to thank KARL JETEA and MIKE HARDESTER for their recent tapes and correspondence. Fellow Club members who are also hams, might want to check out an article in the February issue of "73" magazine by W3CFC, titled "The Paper, The Station, and the Man", a brief history of the New York Times radio stations. I have recently acquired two circa-1920's receivers, an Atwater-Kent and a Majestic. They're not in the greatest shape but should provide quite a few hours of restoration time. Maybe I'll have the opportunity to hear some really old programs, hi. So much for now.

WELCOMES DAVE SCHLIDT & DAVE YOCIS TO EDITORSHIPS

STEVE MILLER - Boston, Massachusetts Vol. 3 No. 8
 ***** Hello everyone, how's DX? The results of my 2/15-2/24 DXing bmanza are I'm pleased to say in this issue. Also I'd like to welcome DAVE SCHMIDT as our DDX Editor, congratulations! An I hope you find your editorship to be very rewarding. Sad note: As mentioned in my last issue, I will miss the services of two of the NRC's "outstanding" members, DDX Editor RAY ARRUDA, an Musings Editor ERNEST R. COOPER will be missed, at least from this member. Since I joined the NRC in December of 1978 it has been a pleasure to have contributed to their columns since then, and I will continue to do so for as long as I'm a member of this, the No. 1 MW Club around! And although the April 28th issue of DX NEWS isn't to appear for a while, I'd like to welcome member DAVE YOCIS of Connecticut as our new Musings Editor. I trust he will do just as good a job as Mr. Cooper. In other news, by the time this sees print, I will be an official member of the Golden West DX Association, (GWDXA). Altogether I will be in "active" membership in three all MW DX Clubs. By the way, that DX NEWS appearance schedule, that I made some time ago, was accurate only up to the Vol. 47 No. 14 issue. After that I was lost, but thanks to the We Get Letters section from the vol. 47 No. 6 issue, I got back on the right track, hi! I'm preparing a Forum for the 3/15 Anniversary issue of DX Monitor. In my Vol. 3 No. 9 Muse I will let all you NRCers in on some good news - further details in the Vol. 47 No. 21 3/31 issue. Well, that's all for this time. 73's and the best of DX to you. C U N 14. (I am not leaving as Musings Editor, Steve - DAVE YOCIS has volunteered to be my back-up Editor - ERC)

AND, SPEAKING OF DAVE YOCIS ---

DAVE YOCIS - 502 McDonel - MSU - East Lansing, Michigan - 48824 2/25/80
 ***** Greetings again. The season is almost over & I'm just getting into Musings regularly. It will continue, hopefully. Announcement: This Summer (July 1 - August 17) I will again be working at Camp Aquila, a Scout camp in Sherman, Conn. (ten miles N of Danbury, near the N.Y. State line and I-84). I will try to get permission for some NRCers to come up for the weekend and try a Beverage out where there are no power lines, etc., plus unlimited space. If you are interested, let me know & I'll set a date sometime in the future. Food & lodging will be provided (we're closed for campers during the weekends) at no more than \$2 or \$3! DX: Virtually nil lately. WROM-710-TEST tentatively, report sent. MM 2/18 was a banner morning for TTs, noted on 1430, 570, 1280, 950, 1110 loud from 1-1:30, and, of course, all unID. Sigh. More as it happens. 73

SAYS EX-NRCer RICHARD SHAFTAN IS STUDYING POLITICAL SCIENCE

PAUL MOUNT - 35 1/2 West Columbus Street - Nelsonville, Ohio - 45764 12/31/79
 ***** (Rec'd. 3/1/80 -ERC) I'll get back to Musings thanks to Ernie's Form-accompanying reminder. I guess my Musings are behind because I forget to send them in but I do try to cover all my DXings in these pages. Sun. 12/16 I visited JOHN KROMKA & then to JOE FELLA's where I lost my voice just like last year when I came home to N.J. & visited Joe the year before. 12/14, rare CKLY-910 Lindsay, Ont. loud - 9:48pm as we returned from top-rated in the country Teaneck HS BKR. MM 12/17 UNID rock on 1460 w/680 -2- request line 1:20-1:33; also two TTers I was chasing, past 2 w/sweep tones and no IDs With little voice I called RAY ARRUDA who wasn't having much luck this MM either. WCHL-1360 Chapel Hill, N.C. good w/T-40 u/ WDR 3:12-3:32; first time heard since 1974 DX TEST. WFTO-540 zood on ET w/40kw doing T-10 4:13-4:23, then gone (maybe to night power pattern). WVDJ-970 off but when image there, yuck! Howard Hoffman, ex-WALL-WPIX-WPEO-FM-KAUM did his first night on WABC. Also done during vacation: I went into NYC & met MIKE BROOKER in bus station thanks to WNN-1050 tip & later joined them at BILL WURTZEL's radio-filled loft. I got a tour of WXLO-99-FM on the way to Port Authority but forgot my camera. The three of us went on an antenna farm tour in my car, stopping at WVDJ for a picture, then on past WABC, WADO, WBXX, WINS, WLIE, WOR, WNN, WNEW, WJIT's towers. I hope Mike enjoyed his NYC trip. I had phone conversations with JOHN ZONDLO, DON ERICKSON, GEORGE GREENE (he called me), BILL WURTZEL, & ex-NRCer Richard Shaftan. Rick told me he hasn't turned on his HQ-140 since 1/1/77 & reasons for dropping out of DXing/NRC were these & I quote: 1. "I discovered, (1) sex. 2) politics. 3) I became editor of the school newspaper". He added that some FM DX had been heard at Manhattanville College in Purchase, N.Y. where is a senior majoring in Political Science, & he also asked about some NRCers.

AND A HAPPY ST. PATRICK'S DAY FROM THESE JOLLY ELVES

NORM'S STILL GETTING SOME GOODIES

NORMAN MAGUIRE - 6105 Del Campo Place N.E. - Albuquerque, New Mexico - 87109 2/27/80
 ***** Veries few and far between include: KEGG, KIKO, KBGN, KGRO & WMOO. Plenty of time has been spent DXing, but little return. Latest loggings have been: (repeat) - ???-1490 TT 1:12-1:28am 12/18, no clear ID; KSNQ-1260 2:45am f/o s/off 1/21; KJQN-1490 2:00-2:27 am 2/4 RS; KEDD-1550 1:13-1:15am TT & s/off 2/10; WMOO-1550 1:15-1:47am test 2/10; ???-1340 2:25-2:30am TT & s/off Feb. 11; KGRO-1230 1:01-1:15am f.c 2/12; KURL-730-TEST 2:03-2:29am 2/18. I'm happy to see the recent Musings of that Ace Lehigh Valley DXer, KERMIT GEARY and my old friend from down Invercargill way, RAY CRAWFORD. Someone once said you have to report to get veries. Maybe that's my problem. I still have some seven tapes on hand to be re-worked. Also, plenty of f/ups from 1979 to get off. The Winter storms have managed to bypass us here, but they have left us with Summer static conditions. Very little snow has fallen here this Winter. (Same here, Norm -ERC)

KERMIT GEARY DOESN'T WEARY OF DX

KERMIT GEARY - R.D. 4 - Box 321 - Walnutport, Pennsylvania - 18088 2/27/80
 ***** Reception conditions deteriorated around the end of January with the result that most of the February catches, as few as they are, were more "local" in nature. Since my last report, the following loggings have been made: 2/1- WURN-1110 6:46 s'on-6:59am o WBT, & as reported by our Editor, a non-verifier to date. 2/2- WYJZ-860 5:47-6pm s/off o/CJBC. 2/3- WFFM-1550 (ex-WLOA) 5:50-6pm s/off with "Rocking Easy" music. 2/4- A tremendous signal from AN "Radio Accion-1530 logged 3:15-4:03am. 2/10- A fiesta in las Tablas produced a strong signal from HOJZ-2:10-4:5 10:40-11:50pm with carnival-type programming. 2/11- I took re-logs on WDNV-1600 5:31-5:44pm s/off, & WXIC-1380 6:03-6:15pm s/off for another verie try. 2/16- Amazing reception on 1540: if Ohio comes in o WPTB at SSS, the regulars are WNIO or WPTB, and occasionally WABQ. Tonight, however, never-before-heard WBCO and once-heard WNRE were in charge of the channel until 6pm s/off. 2/18- Umm WROm-710 with a fine signal through WOR on DX TEST, while 730 kHz was all R. Trinidad during umn-KURL TEST. 2/20- WHVL-1600 for an unexpected logging while looking for WJZA, & 2/25- Umm WGOO-1090 on ET w/CID @ 1:23am. Nice verie letters were received recently from R. Accion-1530 (w/stickers) for #34 from HI-land, HJMS-740 for Colombian #104, CKLQ & CKTA-1570 (both w/c/s, plus post card from CKTA) as the result of simultaneous logging on 1/14, WONS-1480 (plus letter from the DJ showing interest in DX. I referred him to our Membership Center), WCLX-1130 (w/CM, promo material and sticker), WSKE-1050 w/CM, and WWHL-950 (plus business card QSL; v/q from NB-530; typed card from KBGN-1060 for DX TEST, & v/r from WFFM-1550. Good DX to all!

ALASKAN DAYS, CONTINUED

TONY FITZHERBERT - 116 Devon Road - Chaumont, Pennsylvania - 18914 2/25/80
 ***** Hello agni! Back to Alaska Radio after noting that WBUD-1260, Trenton, implements its latest, much extolled format change today - T-40 Day, and B/SOL at night, after failing with all-NX, grab bag, AOR, rock, & Doris Day/Theresa Brewer! In 1964, back at Milepost 21, Anchorage had KENI-550, 5kw, 24 hour flagship station of the Midnight Sun Broadcasting Co. & a real rocker, emphasizing DJ personalities. A quick twist away from them found KEAR-590, 5kw, clustering BFL with announcers who built up the mood with observations like "with the sun setting on beautiful Cook Inlet, the city comes to life like fireflies...". It worked, as they were #1 in listenership! KFQD-750, 10kw, was Anchorage's strongest, & was a POL format - we received it at almost local strength. A graveyard achievement - KBYR then was 1230k, at 1,000/250, w T-40p & lots of local NX. It "served Alaska from the Adak Peninsula to Old Crow" (settlement in the Yukon) an area of over 1,200 miles in length - we were over 370 miles from the XR! I wonder how they are doing at 700 kHz? Up in Fairbanks, KFRB-900, 10kw, owned by Fairbanks Radio Broadcasters was strictly MoR, w/c1 mx on Sunday nights, local NX on the hour, & SP midnight to 6am. Announcing was excellent, and one of the DJ's was an alumnus of a Cape Cod station. The studio was a small wooden building, with a sign citing a CBS affiliation, but I never heard any CBS programming. KPAR-660 10,000w was a uniquely local station, broadcasting everything from local BKB, softball, and dogsled races to a full hour of NX & comment simulcasting with KPAR-TV-2 @ 6pm. The radio & TV studio were on the third floor of the News-Miner Building, & the signal emitted from a 450' plus tower W of the city. With a format which might cause the station to plummet to the bottom of the ARBs in the "Lower 48", especially on a clear channel, KPAR had a fixation on things small, with "Wee's Breakfast Express" during AM drive, Little Richard from 9am to noon, Wee Willy Wally back at noon, Little Richard back at 2pm, Tiny Todd on at 4pm, the "Big 30 News" at 6pm, Alaska Highlights at 6:30, Maury Smith (a News-Miner columnist) at 6:45, Tiny Todd at 7pm, Tundra Topics at 9:20pm, where anyone could relay a message to anyone out in the bush - as phones were non-existent out on the tundra, and peeping Lee Russell from 10pm to 6am, and "Music for Her" - strictly instrumental at 11:30. Power was reduced to 1kw at midnight to 6am to protect WNBC! KPAR was an Alaskan institution, and was active in Gold Rush Days and other civic celebrations - next Muse will relive a great moment in KPAR History - the earthquake of 1964. 73.

WE NOW LEARN HOW PAT GOT HIS NAME!

PAT HARTLAGE - 9200 Wendell Way - Jeffersonton, Kentucky - 40299 2/24/80
 ***** I may not be IRISH but my birthday is March 17, so I guess I qualify for a Muse on St. Pat's Day. MM 2/18 was an interesting morning for DX. I stayed on 730 from 1:50 to 3am. A tentative report is out to KURL as I was able to copy weak tones & music which did not belong to the other stations heard. A tentative report is also out to the Trinidad Broadcasting Co. as a program of upbeat instrumental mx, with Trinidad mentioned,

(Pat Hartlage, con'd.) was also on 730. A time check of 3:17am was given, one hour ahead of EST. I got good details of a hardware store commercial, in English similar to that heard on West Indies stations. In other news I'm in the process of buying another receiver. I have an HQ-180 but saw an HQ-180A at a really decent price in Yellow Sheets. I should have the new RX in ten days and will likely sell the present rig. That's it for this time. 73.

AN INTERESTING LOGGING OF KCMJ-1010

PETER A. NOIAN - Box 1524 - Eugene, Oregon - 97440 503-485-8049
 ***** 8002.26 & I'm up to my ears in radio. Not too much has been DX, though. KURL-730-TEST was good here though umn. R/c's from KEXO-1230 & KBYM-1240 were heard for the first time (KBYM already veried on RS), thanks to the new f/c list - and thanks to JOE FEJA for his usual great job. Only other new catches; KWXY-1340, @ 2am ELT, ID between REL mx segments and gone; KCMJ-1010, a fluke while listening to Canadian ER on CBR, @ 9:36pm UCLA BKB vs. Arizona faded up U'GBR. I knew KCMJ carried UCLA, & called KCEJ to make sure they did not. They didn't, and this a backhanded ID of KCMJ whom I've needed for a couple of years. Other new station is KARO-1480, call change from KVAN, a little more of an FM approach to AOR format than as KVAN - similar to KWK, but on a smaller budget. No sign of action on any of the new Oregon CPs. KLFJ-1090 (religious daytime in Umatilla) not on yet; KROR-1360 (MoR, Myrtle Creek) is still nearly a year off. The owner, ex-o KBIF-900 Fresno, has been laying groundwork for the station for a couple of years and is taking his time. And nobody in the area knows anything about the CP on 980 in Sisters. Sisters has a population of 700 so don't hold your breath. Finally I met fellow Eugenan GUY KUDLEMYER after our missing each other consistently for a couple years. I am working on organizing a fairly large-scale GTG in Eugene for this Summer, tentatively slated for July 5 weekend but that's negotiable. More details as they are invented. If intentions count for anything, I intend to be in LOS ANGELES also - how about you? Kiss a Moose today, just for the experience. 73.

HAPPY DAYS! XEGM-950 IS BACK ON

DAN SHEEDY - Box 31 - Encinitas, California - 92024 2/24/80
 ***** Looks like I missed the ten-year member issue...but since I first joined the NRC in 1965, I'll consider this issue the 15-year member issue and sneak in that way. I had the rare treat of meeting NRCer JAY MURLEY at the last So. Calif. Area DXers' meeting - the man who gave Murley's Law its name, and did all those hot articles on TP DX in the late 60's and early 70's for DX NEWS - has a nice wine rack, too, by golly! Ahem. On to DX: 2/10- KSCV-980 u/KFWB @ 10am, first time heard on RS, their ETs usta boom in here years back. 2/19- KHIL-1250 u/KTMS @ 9:56am, due to horrendous rainfall KEMO conked out for a few minutes around 11:58pm, leaving two unID & XENY w/jingles for "Discos ene doblay u" and "Canal ochenya y seil" 2/20 found Belize-834 with best level in years @ 12:05am & EE/SS NX - reminded me of when sun SRS were low & the DX was high (me, too). XEGM-950 came back on the air 2/12 or so, ruining SRS/SSS on 950. Oh well. 2/21- KCBQ-1170 on reduced power or their night DA screwed up as KVOC was loud u'em & the mighty Q could be nulled completely - this at 11:45pm, again due to rainstorm local KUDE-1320 was under water (I work across the street from them & it was a beautiful sight - I still need Hemet on 1320, hi), but apparently stayed on the air. 2/22- KUPH-1330 w/Oregon-Stanford BKB @ 12:15am, KOPX-1320 ID thru KUDE KGRM 12:20am (I blew it a month or so ago and "logged" KCRa). ahem..taught me to listen for the ID & not just local news items & WX & ads & so on - shame on me! Local KSON-1240 had their DA messed up and managed to null 'em enough to pull through an unID (match) SS @ 12:29am. too beat to stay up, so I crashed & missed 12:30am ID (all unIDs automatically ID one minute after tune-out, didn't you know?) The rain has stopped for a bit - maybe some time to dry out and DX some more. 73.

DAYTIME DX HAS BEEN PHENOMENAL

MORTON D. MEEHAN - 7682 North Star Avenue - Twentynine Palms, California - 92277 2/27/80
 ***** This report is on green paper so you will know it's for the St. Patrick's Edition of DX NEWS. CX have become excellent once again after the January weak period. The floods didn't reach 29 Palms but the heavy rains followed by warm temperatures is making the desert green. I saw my first rattlesnake of the season yesterday in 75° temperatures. St. Patrick where are you? Some DX heard: 2/22- 4:43 to 4:49am KBOW-550 Butte, Mont. on f/c-TT with an announcement every minute. 10:10am KERR-1070 Polson, Mont. coming thru KIX on loop. 2/24- XEVQ-830 Novolato, Sin. Mexico s/off @ 9:07pm and was coming thru WCCO on loop. 2/25- KERR-1070 coming thru KMX again 7:25-8pm. At 8 they completely disappeared. 2/27- In the null of XEZF Mexicali I had a beautiful signal from KOA-850 @ 2pm. And between 2 & 3pm EST I IDed for the seac. of this month WRAP-820 for my most distance noontime station at 1,100 miles! Others IDed during this period included KOB, WURL, KRVN, YTWQ, KSL & KGVN. WQAI was too weak in noise to ID & a background station to KGO was too difficult to ID. I also had a trace of YFVQ-830 some 800 miles away at Navolato or Culiacan. Earlier in the morning or later in the afternoon they come in much better until WCCO takes over. This has been the best season I've ever had for daytime DX. The elderly Sanserinc Loop with a 2 FET preamp helps too. All the above daytime DX was heard on the FRG-7, National KC-173 and Panasonic RF-2600 so it wasn't the receiver.

RAIN NILS GOLF GAME, SO HE HAS A GREAT DX SESSION

LYNN GILLIS - Lake Wales, Florida
 ***** Hello to all. I am writing this from windy, cloudy, and wet Central Florida. The rain knocked out today's attempt at Par-3 Golf, so I am writing this. DX has been all right, it's fun when you get a brand new location that is in no way like your permanent one. About the only real notable catches have been ZNS3-810 at 10:45am 2/25 & numerous Cubans. On the way down we stopped in Chiefland, Fla. & spent the night in a surprisingly QRK-free motel.

(Lynn Gillis, con'd.) Here's a rundown on the 2/22 session: Cuban at 5:56pm on 590, WKX-700 @ 5:58 w/ad, into NBC NX, WOR-710 w/NX @ 6:01pm, WAGL-1560 excellent w/ads, s/off @ 6:15pm. WORJ-1530 s/off 6:14. My local WHAS in @ 6:20. WBBM-780 o Cuba @ 6:22. WBAM-740 in at 6:24. WNBC-660 in w/pop & ID @ 6:31pm. Cubans in at 6:33 were 550 & 720 R. Rebelde & 640 R. Liberation. WXTN-1000 s/off @ 6:43 w/many IDs & SSB Cuba-1010 R. Guama in @ 6:46 a-long with 1/1020. ZN33-810 xlt at 7:05pm, KEYH-750 xlt w SS, EE s/off w/"KEYH Houston" ID @ 7:15. Belize-834 good in SS @ 7:26, went to EE @ 7:30pm. KRTH-740 fair o/u Cuba w/Rockets EKB @ 9:10pm. UNID SS u/WSM @ 9:15. WERC-960 good @ 9:17, XEWA & XEW good at 9:20. At 9:24 surprise WRC-980 barely making it w/NX XEB-1220 in at 9:35 w/weak EE underneath, likely WGAR. HIRG-1160 xlt w/ID @ 9:43. WOWO & WEO in @ 9:50. KYW & WBZ also good. PJB powerful w/TWR NX. WSJC-810 great for 500w. More to come nextish. One note - as per s/off for SP, WGTO-540 is now using lkw at night. 73's.

DX HAS IMPROVED

BILL HEGAN - 110 Craddock Street - Syracuse, New York - 13207
 ***** DX in the past couple of weeks has improved greatly. There was a stretch of about two weeks in which CX were almost completely groundwave. I experienced what will probably prove to be the highlight of the DX season. I received KOB-770 on MM 2/18 from 2:57-3:30am. When WABC first went off, there was no trace of KOB; but they started coming in about five minutes before WABC went back on the air with TTs. I heard a few IDs from them u/WABC, & a report is in the mail, including a cassette tape. This would be my 43rd state verified if they come back. I heard the WROM DX TEST that AM also. Their signal was fair, but u/WOR. No traces of the KURL TEST on 730, but only a miracle would bring them in over the Canadians on the frequency, much less an open frequency. I received a w/f & a bumper sticker from WITY-980, Ill. This is probably my second best DX verified this season. Totals are at: 778 logged, 44 state/216 verified, 42 states. 73s & good DX.

DX AND SOME INFO ON STATIONS

GEORGE C. GREENE - 1527 Sunset Avenue - Akron, Ohio - 44301
 ***** 8002,28 and time for another Muse. After making the Canadian issue, but missing the Ohio and Ten-Years-plus Muses, this should make it in time for the Irish issue, hi. A "Welcome to the NRC" also goes out to suburban Toronto's GREG WILSON. I do have a small amount of DX to mention: On 1/24, CKGM-980 was noted with excellent signals for most of the evening w/rock - also heard for a second time on 2/26 w/good strength, thanks to a tip from DOUG MISKE. Other new catch was WETB-790, noted just after 6pm on 2/11, w/spots for places in E. Tennessee, and allusions to all the snow they had gotten. No local radio changes lately, but I do have some out-of-town stuff to mention: I see where ex-WABC/WNBC jock Bruce Morrow has purchased WRAN-1510 and plans a "family" format for it - whatever that means, hi. WHYL-960 has apparently traded formats with their FM, the AM now c/w, and the FM getting the calls WZUE; KVI-570 Seattle will be working their way into a talk format, and WNON-1390 is also rumored to be heading into talk. Out in Phoenix, KWEO-740 has been sold, as has the 1310 outlet in Mesa - with the latter going to T-40 as KZZP, along with their FM. As the rock audience continues to switch over to FM, more AM T-40s are biting the dust and are forced to switch to the adult contemporary route - recent switches to adult-rock have occurred at former T-40s WQOW-1150, WNDK-1260 (with an emphasis on oldies), WILS-1320 & WQAM-560. Definitely I should be making it to the YAD gettogether on Memorial Day weekend - and possibly the LAD's thing in April. Those interested in trading air-checks, let's hear from you. 73 de GCG.

RICK KENNEALLY - 8132 Ashgrove Drive - Cincinnati, Ohio - 45244
 2/23/80

***** A hearty Erin-Go-Bragh to all you other Irishmen (and women). This member is proud to be green and has even kissed the Blarney Stone. As far as DXing goes, Irish luck has been with me on a few selected occasions. 1/27 @ 1:58am TWR Monte Carlo on 467 finally slipped thru the slop w/GG talk. That makes six TA's & 37 countries. Later that night I got one good ID on KMJ-1110 for state #43. I called the station @ 3:10am & confirmed the reception. That's the second time a Far West opening was preceded by a new TA catch. The last time was Senegal-765 folo by KRDS/KEX-1190 on 8/13/79. Surprise of the new year came while trying for the KURL-730 TEST. Accented EE faded up & IDed as R. Trinidad. I never expected to get Trinidad & Tobago. I have no idea why they were on so late; are they AN now? I may yet hear 40 countries. I'm trying to draw an interested friend into the DX fold. TWR-800 & Cuba-600 in EE help to get people interested in DXing. My friend is now using my TRF and assorted reference materials. Sorry to see the TRF is leaving the shelves. Also I'm sorry to see that I missed the sale on Micronta frequency counters. Figures that my Radio Shack January sales sheet never arrived. I recently subscribed to the "Yellow Sheets" so perhaps a cheap counter will turn up. I am also looking for a new radio, preferably Collins or Hammarlund. Final note: 4VJCB-1325 noted very strong w/f talk and mx, 8:20pm 2/23. That's it, 73.

THIS IS THE TIME OF THE YEAR WHEN MANY PLANTS AND OFFICES MAKE UP THEIR VACATION LISTS. BE SURE TO PLAN ON OUR LOS ANGELES CONVENTION BY GETTING YOUR VACATION TO INCLUDE DAYS AROUND THE LABOR DAY WEEKEND! A GOOD TIME IS EXPECTED, IN FACT, ASSURED, SO GET IN ON THE FUN AND BE IN THAT GLAMOROUS TOWN FOR OUR CONVENTION, AND MANY EXCITING SIDE TRIPS. THE DATES ARE AUGUST 29-30-31 AND SEPTEMBER 1, 1980. "FOLLOW THE BOUNCING BALL" IN THE PAGES OF DX NEWS FOR LATE INFO ON THE ACTUAL SITE AND RATES FOR THIS YEAR'S BASH. BUT MAKE THOSE PLANS IN PLENTY OF TIME SO AS NOT TO BE LEFT OUT OF THE GREAT TIME. WANNA SEE WHAT SMOG SMELLS LIKE? WANNA SEE THE PACIFIC OCEAN AND MAKE LIKE SR. BALBOA? WANNA SEE A MOVIE STAR? WELL, COME ON OUT TO SUNNY CALIFORNIA AND WHO KNOWS? MAYBE LASSIE WILL BE OUR CONVENTION SPEAKER!

VERY INTERESTING TWILIGHT TUNING

DAVE FOX - 333 Douglass Street - Reading, Pennsylvania - 19601
 2/28/80
 ***** DX efforts continue here with a couple loggings & a good number of veries received. MM 2/16 provided only WROM-710-TEST & veries & CM are already received. 2/21 found me parked on 1370 & a 6:15pm s/off logging on WLOP was taken with mention of WIFC-FM @ 105.5 & playing of "America". 6:25-6:31pm found WDEF heard well with Walter Cronkite & long list of local sponsors involved with "Winter Wonderland" promo. As DEF are my initials I am wondering how many NRCEs have logged a station with their initials as the call! (I have WERK verified - ERC) On 2/24 I caught a very lucky s/off announcement of 500 watt KDDA-1560 u/WQXR's 1st mx @ 6:45pm, no SSB. This along with an SSS logging of KOLS-1570 on 2/7 (similar to JGE BRAUNER's) was one of my best SSS loggings ever. On 2/25 from 6:15-6:28 a logging of WAYZ-1380 was had with what is believed to have been a case where someone forgot to pull the AM switch. I would believe that they should have signed off at 6pm. Also during the same period WAZZ-1380 was logged for a report. Any ETs heard still seem to be unms; 2/23 found ET from WYOU-1550 in w/ID heard @ 12:03am & WAYC-1600 w/ID @ 12:48. On MM 2/25 WGTO was heard booming in with the Bee Gees & ID @ 12:56am with mention that they were on the air for technical adjustments. On 2/26 I managed to get a lucky logging of much-needed WPHO-1450 from about 6:26-6:50 with several spots & rr. Recent veries include w/c from KBCN-1060 for 12/17 TEST (one day after I sent #up, evidently there is a new CE at the station), three 900 stations: WKDW w/v/1, WATV w/v/1 & CM & WQOK w/v/1. Nice v/q in from WBLV-1600 & v/1 & CM from CKLA-1570, along with friendly v/1s & CM from WFKB-560 & KOLS-1570. DAVE SCHMIDT's new job as DDDK Editor is a very good selection. I am only sorry that I did little or nothing to help RAY ARRUEDA in his very competent tenure on the job. Perhaps if Dave persists I'll get around to contributing. I particularly enjoyed the 2 17 Musings of KERMIT GEARY and FRANK WHEELER. I wish I had been DXing during some of the years you did - but I agree with both that it is great to see the enthusiasm of new challenges. A recent v/1 from DoE at CKNX-920 mentions how well that station's signal got out on DX programs during the late 30's and early 40's. Kermit: 1,231 "K" veries! I have worked hard at DX since 1973 & have only been able to report to about 75 "K" calls. I could hear more "K" calls on the West Coast of New Zealand!

LET'S WELCOME MIKE TO THE MUSINGS SECTION!

MIKE STONEBRIDGE - Box 511 - Fox Creek, Alberta - T0H 1P0
 403-622-3892
 2/21/80
 ***** Hi guys. As I have been a member of the Silent Majority for more than a year now, I felt it was time I came out of the 'closet', hi. As this is my first muse I think an introduction is in order. I am a 'Limey' living in exile in Western Canada, of 41 years of age, married & employed as a #1 operator in a Natural Gas Processing Plant. I have been living in Canada for four years now & have spent all that time in Fox Creek. For DXing I use an FRG-7000, which at the moment is at Radio West having filters installed, a Heathkit GR-78, a 36" and a 40" loop, both fitted with PW FET-pre-amps, & a 60' LW. I have been DX-ing seriously for about three years now. I have recently returned from a trip to England, after spending the New Year with my parents. I took the 7000 with me to keep up on Canadian news via CBC SW. I did some BCB DXing, nothing exotic heard, just the usual, England, France, Belgium, Spain, Luxembourg, Karaco, Denmark, Germany, Czechoslovakia, USSR, Austria, Switzerland, Hungary, Ireland, Norway, Holland, Egypt, Italy, International Waters' R. Caroline, Poland & The Vatican, most of those heard during the daytime, hi. CX haven't been all that good this winter, I haven't heard Alaska at all and Hawaii only once, hi. Lots of SSS & SRS with a fair number of daytimers coming in. At night it's all those NSPers with a fair number of Mexicans and Cubans, though I'm having problems with IDing them 'cos I can't speak the lingo. Nice verie dropped in the other day from WDSM-710 with card, letter and a sticker. 'That's all for now, folks'. Can anyone tell me where the relay that's rebroadcasting CBX-740 on 1340 is? 73s from Mike.

HE HAS A GOOD MONDAY AM & SEVERAL GOOD SSES

SIDNEY E. MARSHALL - 7224 Pam Drive - Millington, Tennessee - 36053
 ***** I'm still having a little time to do some DXing so Muse #11 is being written on Feb. 24th with a few more new ones added to my log during the past week. With Mon. Feb. 18th being a holiday for me I got up early to do some rare MM DXing & hit pay dirt! On 2/18 @ 3:31am KWFE-950 Calif. came in o/KGBZ for several minutes with neat spot, ID, & several comments & bulletins about flooding, mud slides, road washouts, etc., folo by a list of L.A. area closings due to conditions & that the station would pass on other info as it became available. Then at 4:56am I heard WRC-980 D.C. repeating their station ID, about a minute apart, until 5am. When the announcement was made that they were back on the air. Then for the next 20 minutes I heard WRC-980's, IDs, WX and temperature, before fading out @ 5:23. It was in like a loca for the entire period of time! Then at 6:11am WPII-730 Penna. came on briefly, with fair signal, with end of comment about NX, full legal ID, then into mx. Then at 7:30am I heard the full s/on of WSKT-1580 Tenn. before WEYY Ala. blasted in with their s/on at 7:32am covering everything else up. Nothing else new until the evening of 2/20 and while doing some SSS DXing, KSPR-1590 Ark. was in with most of their s/off heard at 7:03pm. The next day, 2/21, at 7:23pm KKAH-1560 S.D. blasted in with excellent signal, for several minutes, with Book of Records program, ID, bank spot, mx, "KKAH Active NX" and other items before fading out. Then on 2/23 @ 6:23pm WJSB-1050 Fla. came in good with end of CBS NX presentation folo by full s/off announcement being heard. I'm out of news so I had better s/off by wishing everyone good DXing.

IF YOU LIVE IN A TOWN WHICH HAS MORE THAN ONE WORD IN ITS NAME, THE 'EXT MUSINGS SECTION DEADLINE IS FOR YOU. THAT DEADLINE IS TWO WEEKS FROM TODAY, MONDAY, MARCH 31st. THEN OUR NEXT DEADLINE IS MONDAY, APRIL 14, AND THAT IS THE ONE TO BE DONE BY DAVE YOCIS, WHOSE ADDRESS IS: 502 West McDonel - MSU - EAST LANSING, MICHIGAN - 48824.

M O T H B A L L K E M O R I E S

CHAPTER CXXXVII - CONCLUDING "EARLY DX MEMORIES" - PART III - by MARK CONNELLY.

A concerted effort was mounted during the Summers of '64, '65, & '66 to log as many waterpath groundwave stations as possible during our two-week stays in the West Dennis area. Most N.J., Va., Md. Del. L.I., & Me. coastal stations, even "flea-powered" ones, were logged. WVAR on 1550 from Virginia Beach was a daytime regular heard easily in those pre-WMTN days. I got on a talkshow "kick" in early '66; Larry Glick on WLEX & Gene Shepard on WOR, both comedy-oriented, were tuned in regularly. WECS-1600 had Ken Mayer, well known for his commentary on the Hollywood entertainment business. 1966 was my most active year of TA DXing, both on MW & SW. Many days I dumped up to 15 reception reports into the mailbox on my way to school. Using a TRF & a Hallcrafters Sky Buddy, I got regular reception of Albania-1394, BEC-1214, Dakar-764, & Langenburg-1586 to name a few. In Oct. 1966, I was thrilled to hear Andorra L&C on my TRF from the parking lot of a local food store. The vanguard of progressive music programming was AM radio, not FM; Jefferson Keye's Hootenanny & Dick Summer's Subway on YBZ and the Cousin Duffy & John H. Garabedian shows on WMEK were dispensing prog-rock well before WECN-FM went from classical to 'psychedelic' in 1968. From 1967 to the early '70's, I studied electrical engineering at Northeastern U. & worked at Doble Engineering. Then, ham radio was my all-consuming radio interest & I worked over 150 countries. Sunspots were at a maximum and the 10m. & 15m. ham bands were "crawling" with DX. After a ham friend (WALEKV) sold me a mint condition R-390A, MW DX moved from the back burner to the front once again. Soon thereafter, I met Gordon Nelson & discovered the NRC. I participated in many a Boston Publishing Committee meeting at GPN's in Watertown; other participants included "Big George" Kelley, Randy Kane, & Frank Stiles. BILL BAILEY & RAY MOORE sometimes showed up. The meetings gave those in attendance severe cases of "TA DXing Fever" as juicy veries were displayed, exotic tapes were run, & choice DX stations were heard "live" on GPN's receivers. The attic resembled a small electronics company or an FCC monitoring station with scopes, DVAs, counters, strip-chart recorders, drafting equipment, tools, loops, receivers, & tape-decks. Meeting other DXers gave a clearer sense of purpose & direction to my DXing.

NEXT WEEK: WE'LL RUN ANOTHER OF PETE KEMP'S RADIO STATION PROFILES.

THE "MARK CONNELLY PAGE" CONTINUES

MARK CONNELLY - 3 William Road - Billerica, Massachusetts - 01861 2/27/80
***** Here's my contribution to "Irish Kusings"; I guess I qualify as my mother's side of the family has its roots in Ballyporeen, near Tipperary in the South and my father's side in County Antrim in the North. My trip to Ireland in 1977 included DXing and visiting Mike McGovern, a Medium Wave Circle Member in Dublin. Many U.S. stations were heard there regularly at local dawn; WEDH-850 was about the best, local-like on a TRF on Ireland's West Coast. I enjoy both traditional fiddling & piping as performed by the Chieftains, Planxty, & the Boys of the Lough and also modern rock by Irish bands like the Boomtown Rats, Thin Lizzy, & Horslips. I'm not as interested in the sugar-coated, schmaltzy Irish-American mx which appeals to people of my parents' generation. To other matters: The "Northeast DX Information Service" has been enthusiastically received. I've had many requests for reprints & tapes. Reprints are mailed within a week of my receipt of the request, tapes take a bit longer. Any articles I have ever written may be copied and used by anyone; I think copy-righting DX articles is silly. This practice strikes me as being snobbish and as not reflecting the cooperative spirit which is generally the hallmark of the DX fraternity. The reprints I get the greatest demand for are TRF modification articles. Future DX ETGs will feature DXers bringing customised TRF's, no two of which will look alike. I've doctored-up one of my TRF's with the "works": S-meter, battery meter, new winding & jack for external-antenna, regeneration, output for frequency counter, a stereo-headphone jack, low & high impedance phono-jack outputs for taping, local audio gain pot to permit adjustment of speaker/headphone volume without effecting tape-record level, and a hole in the case to permit trimmer-cap tweaking without opening the set. Future mods. contemplated; Transfilters, shotgun antenna. TOM SUNDSTROM - How can you move to the N.J. Pine Barrens and give up DXing? This is like moving to Vail, Colorado and giving up SKIING! The Barrens area, with virtually the same sand dune/pitch pine/cranberry bog/beach/saltmarsh landscape as the SE Mass. coastal plain, is an excellent international DX site because of the rapid change in the conductivity gradient between the sandy soil to the N & W and salt eater to the E & S. A better Beverage site could hardly be imagined. When I went down there in 1974, I noted that LA stations really boomed in, even on nights that weren't heavily auroral. Most signals heard at night were in SS. BOB COPPELAN did very well w/TA's from that vicinity in the mid-70's. 73 & a

Happy St. Pat's to all.

HOORAY! TEXAS IS BACK ON THE NRC MAP

CONRAD R. DUROCHER - 4500 Spencer - Pasadena, Texas - 77504
***** Yes Virginia, there is a Texas, although by the Muses (or lack of) you'd never know it. The no-show in the Texas issue left me quite embarrassed & after a year of absence, my guilt has gotten the best of me. The TRF has been travelling with me on the road but Houston's had some nice catches to offer: 1kws include KHAD-1190 DeSoto, Mo., WKIS-740 in Orlando Fla., KADE-1190 Boulder, Col., KNBI-1530 Norton, Kan., KLEO-1480 Wichita, MOAD-1560 Paducah. KPI-640 comes in o/a CMQ regularly. The EC is well represented by KDKA WBZ WBT but WMAA-570 was a good catch. CBK-540 is heard frequently with its 2:05am s/off. JBC-700 & R. Cayman-1555 are evening regulars. Note: You haven't experienced real pests till you've heard a Mexican or Cuban every 10k. Several cities have pipelines into Texas: St. Louis w/ KSD-KXOK-KMOX. Denver w/ KJZ-KHOW-KOA-KIMN. Omaha has WOV & KFAB. Kansas City has WHB-KCMB. KMBZ. I hereby openly challenge other Texans (including two new Houston members) to Muse.

(Conrad Durocher, con'd.) How 'bout it, guys, you gonna let a transplanted Yankee show y'all up, huh? I'm already starting the next one. Eye, y'all. PS - Feel free to call 713-941-3592 when passing through Houston.

COLD WEAT-ER BRINGS HOT DX

ERNIE COOPER - 5 Anthony Street - Provincetown, Massachusetts - 02657 617-487-9337 3/4/80
***** Veries, only WHGI-1050, as new, but second w/ls from WHOL-1600 & WKMC-1370. Back to the DX trail: 2/22- An FFC with good volume on 710 in WOR's null noted & daily except M&S since to s/off w/o Canada @ 1:05, mentions "CBOF" as the only calls heard. Can it be CIPC? Or is there a new LPRT on the channel? The carrier remains on the air AN, seemingly. On 9d, unnn WML was atop WJAR @ 1:30, & a TTR on 980 @ 1:33, & on 990 was CEW w/cl mx @ 1:37. Has WZZD quit AXing, Philadelphia pholk? They aren't heard here any more; only CEW, WNOX, & a YV. And, a new Maracaibo outfit is on 800 this AM, 1:39-2:04, but I got no slogan nor calls, did anybody else? Two HU's on 1370 on this AU morning circa 2:20-2:50. SM 2/24- The 710 FFC went off today @ 1:09. UNID TTR on 1490 1:14-1:20, and an OC bouncing WINS-1010 around @ 1:20-1:33. WLRK topped 1290 here @ 2:18. Later WINS was off the air. V/WSAR-1480 off, the frequency belonged to SS WJIT, nobody else noted, no WLEE which usually pushes in. I had a good SSS session, adding WHGI-1050 6:01-6:16 s/off, & WVOV-1000 from then till they s/off @ 6:34. I'm the last nitwit to log them, perhaps. MM 2/25- Offs; WCBS WRKO WCAU WABC & WBEI! Their channels produced nothing new, however. WGOC-1090-POP came thru nicely w/WBAL's OC on a telephoned tip by their CE on the previous Thursday. Their IDs weren't too frequent but they included CIDs with the VIDS. DAVE SCHMIDT called with a tip to catch WNTS-1590 on RS/hymns, but no sign of them here, only WAKR/WETT. With TRKO off, I looked hard for Atlanta's WRNG, no soap - and no WRNG, hi. If you hear strange things on 1600 M&S around 2:45-3:30, don't dance in the aisles - 'tis only WIXY in Portuguese! Paul Harvey said there'll be sunspots & weird radio CX for the next two weeks - and reception has been IDEAL since then, so there, Mr. Harvey! 2/26- Unn Trinidad-610 s/off @ 12:26. Somebody on 1400 often dominating handily w/c/w mx, & no voice at all 1:15-2:30 & on, I sent somebody a tentative, & won't say who right now as it was a wild guess. 2/27- Nothing much, oldies WOLF/WUSS noted on 1490, not often heard. 2/28- Bits of neededs WOMN-1220 & WLYC-1050 @ SSS, not enough on either. 2/29- UNID rocker on 610 @ 1:40-plus w/no IDs, strong. UNID mx noted too on 695 2:10-2:15 fade. TT-910 2:20-2:33 off. 3/1- Full moon & very cold - "OK Radio" s/off @ 1:32 on 1340 w/Dixie, either WOKE S.C. or WOKS Ga., my money's on WOKE as it is coastal, & a tentative to them. Log lists both as NSP. Unn WKMC-1370 POPing again @ 1:36. Then back to bed and back up again @ 5:45 for WWSK-580, & their TT made it, & another tentative off to them. Unns WMLB-1550 and WPIT-730 noted at SSS. SM 3/2 was a "nothing" morning. Love & kisses; C U N 14.

MINI-DXCHANGE

We don't mean to steal Russ Edmund's thunder, but we have some extra space in this issue for some equipment items for sale, etc. We figure some of you out there will be interested and could use the following:

FOR SALE

CLOCK for Hammarlund HQ-180 receivers. \$10.

SPR-4 with noise blanker, calibrator, 23 crystals, AC-DC cord, 2.4 kHz switchable selectivity modifications, manual, near mint condition. \$450.

BC-221N Frequency meter with charts and photocopied manual. This model has AC power supply built in. Excellent condition. \$65.

GRP rig for Hams. HW-7 and HWA-7 power supply and manual. Mint condition. \$85.

Two COLLINS F500 series mechanical filters suitable for 51J4 or modifying 51J3 or R388. One 1.4 kHz, one 6 kHz. \$35 each.

****All above from Dick Truax - 3003 Gleeson Lane - Jeffersontown, KY 40299

HQ180C excellent electrical condition, good appearance, well maintained, with manual. \$280 (Pat Hartlage, 9200 Wendell Way, Jeffersontown, KY 40299)

All above FOB, Louisville; UPS charges extra.

WANTED

Late model FRG-7 modified with 2.1 or 3 kHz mechanical filters. Must be extra clean with manual. Dick Truax-see above for address.