



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

Volume 46, Number 6 Monday, November 27, 1978.

STATIC FROM HQ

Folks...this week a serious static...we have letters from several of the editors who tell us that although we have just recently gone weekly with DX News, support from you, our readers, has dropped to nearly an all-time low. While we are all busy, we in Louisville do make an effort to occasionally Muse, send reports to DDXD, IDXD and the other columns in the DX News. We hope that you guys (and gals) will take the hint and support the various editors with your reception reports, tips, tests and other goodies. Also, about tests...in years past we have had several people arranging most all of these but this year they are also busy and do not have time to carry the ball all by themselves--this means that tests must be arranged by all of the members if we are to have a successful season. If there is a local in your area you can approach about testing, why not do so soon and if you travel during the holidays and stop in at a station or two, why not ask the chief engineer or general manager about a special test for NRC? We really must work together to make a success of the season this year, which means that we are counting on you, the membership to make this happen! Thanks in advance!

Ted Fleischer

CPC TESTS

December 4 KADE-1190 Boulder, Colo. 0200-0300 with 1 Kw non-directional. May use 52.1 watt PSA last 5 minutes of the test also. The Signer/Arranger is NRCer Bob Greenlee, who is station manager Prepaid calls to be accepted but HQ has no number as of this date. Address (new): 4840 Riverbend Road, Boulder, Colo. 80301.

December 4 KRRR-1360 Ruidoso, N.M. 0400-0500. Test will include tones, IDs and perhaps other items (details later--please!!) Veries To Arthur J. Borgemenke, CE, KRRR, Box 39, Ruidoso, N.M. 88345. Arr: Nolan for GWDXA.

December 4 KPPC-1240 (100 Watts) Pasadena, Calif. 0330-0400 with 1000 Cycle tones, music, IDs. Reports: George Chambers, CE, KPPC, 3844 Foothill Blvd., Pasadena 91107. Arr: Matthew Shugart for IRCA.

December 18 KDLG-670 Dillingham, Alaska. 0515-0615 with 5 Kw non-directional. Test will include tones, voice & code IDs, DX gab and some talk in Eskimo (look out WMAQ!!) Prepaid calls to: 907/842-5281. Veries From: Les Robinson, General Manager, KDLG, Box 670, Dillingham, Alaska 99576. Arr: Eddie (Tiny Tim) Ryan/ GWDXA and NRC!!(welcome, Eddie!)

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DXCHANGE

RUSS EDMUNDS
P.O. BOX 127
BOONTON, N.J. 07005

Greetings, again. Here's another edition of DXChange. This time, we start off by noting again that another excellent source for ham gear, radio gear, etc. is Ham Trader, c/o A. L. Brand, P.O. Box 3227, Sarasota, FL 33578 (winter address). The latest issue included over a dozen items of interest to NRC'ers, including R-390's, HQ-180's, an HQ-150 and so on. Another new publication in this vein is anticipated in the near future operating locally here in NJ. More details later.

FOR SALE - RECEIVERS

HAMMARLUND HQ-180, w/ mixer trimmer, clock, over 30 extra tubes, audio filter, trimmer headphones, manuals, tools plus an SM-1 antenna, all for \$350, pickup only. (Myron Grey, 1460 Park St. Atlantic Beach, NY (516)-239-3324.)

HAMMARLUND HQ-170 receiver. Excellent condition, complete with manual. \$45. (George Mulfinger, W4CNR, 25 Springdale Dr., Greenville, SC 29609. (803) 244-3998.) -- UPS collect.

HAMMARLUND HQ-180 AC, exc. cx., \$350 *. (Mike Sapp, 1902 York Dr., Woodbridge, VA 22191. (703) 491-1937.)

COLLINS R-390A/URR, good cx, \$425 * (Sapp)

DRAKE SPR-4, exc. cx., \$425 * (Sapp)

HAMMARLUND HQ-150, new tubes, good shape, \$125 *. (Rob Keeney, 9421 Taylor, Overland Park, KS 66212)

FOR SALE - ACCESSORIES

HEATHKIT SB-620 SPECTRUM ANALYSER, wired for 455 kHz. IF. \$125 * (Keeney)

B & W # 370 Single Sideband Receiving Adaptor. Exc. cx. See Reprint # R-18. \$55. UPS collect. (Mulfinger)

CV657A Single Sideband Receiving Adaptor for R-390A or other 455 kHz IF rxes. Made by TEMCO. Like new, complete with manual. \$75 UPS collect. (Mulfinger)

WANTED - MISCELLANEOUS

RADIO SHACK CATALOGS for 1961, 62, 63, 64, & 65. \$2 plus postage in good cx. Send postcard first to determine if I have already obtained these. 50¢ each for their flyers, 1961-66. Send card stating what you have. For personal collection. (Mark Connelly, WALLION, 52 Amsden St., Arlington, MA 02174)

Borrow of tapes of shows for duplication: Ed Mitchell, WCOP, late 1961; Jefferson Kaye Sun. Nite Hootenanny, WBZ, 1963-66; Daytime shows, WBZ, May to July 1967; Dick Summer's Subway, WBZ, late 1967; British "pirate" stations, 1965-68. Advise details of what you have by letter. (Connelly)

"Received Late at HQ", hi.

CREDIT CARD APPLICATIONS---NRCers Ted Fleischaker and Rich Segalas, for them what don't know, collect charge cards--please send Ted two applications for your local stores for this "worthy" project. Also, am still looking for some air checks of easy listening or classical music FMs--cassette only please--will trade for cassette of any format. Ted Fleischaker, 3023 Tremont Drive, Louisville, Ky. 40205.

I will soon be working a special project. I would like to make a list containing the mailing addresses of all Mexican Stations. Anyone who knows the addresses of any Mexican Stations please send me the following details:
FREQ.: CALL-LETTERS: SLOGAN (IF ANY): ADDRESS (U.S.) (IF ANY): ADDRESS (MEXICAN): PHONE (IF KNOWN): POWER:
The list will be typed sometime in 1979 and will be made available to all BCB Clubs interested in publishing the list. Any charge for copies of the list will be decided on by the individual clubs according to their policies. Such a list hasn't been done in quite some time and is greatly needed.

(Albert S. Lobel, 10514 Caminito Baywood, San Diego, CA 92126)

Well, that's it until next time. I expect the next edition around the first of the year. 73,

WRTH 1979

Advance orders for the World Radio TV Handbook 1979 which will retail for \$14.95 are being taken now. This year, copies will be air freighted from Europe and re-shipped by UPS. The advance order price through Dec. 31, 1978 is \$12.00 including UPS charges. All profits over the wholesale price, air freight charges, and shipping costs will be turned over to the Handicapped Aid Program. All orders must be accompanied by remittance payable in U.S. dollars. Personal checks, money orders and bank checks are acceptable in the U.S. Canadians, please use International Money Order. Each Order must be accompanied by a stamped, self-addressed envelope. Canadians, please place an unattached postage stamp inside the envelope.

The deadline for orders at \$12.00 is Dec. 31, 1978. After that date, the price is \$14.00 and delivery from air freighted stock can not be guaranteed. Publication is not expected until at least February or March of 1979 but orders are required now to arrange for air shipment. Handicapped Aid Program and the National Radio Club accept no responsibility for this offer and inquiries or complaints should be addressed to Don Erickson.

Please make all funds payable to DONALD ERICKSON and mail early enough to arrive no later than December 31, 1978. Please mark envelopes "WRTH 1979" in lower left-hand corner and mail to: Don Erickson, 6059 Essex Street, Riverside, Calif. 92504.

THEY JOINED

Charles A. Taylor, NASA Box 7015, FPO New York, New York 09560 (Re-join)
Michael W. Scheel, 3403 Jersey Ridge Road, #224, Davenport, Iowa 52807
(Re-joins)

Brad Lovett, 421 East College St., Coldwater, Ohio 45828
Jeff Kitt, Box 31, Neosho Rapids, Kansas 66864 (Re-joins)

Among those who renewed: Philip Boersma, John Kenyhercz, Jr., Duane McMurray, Morton Meehan, Pete Nolan, George Holland, Jr., Robert Dimmick, Kelly Andrews, Bill Lackey, John Oldfield, Forest Osborn, Dave Gleason, Harley Steward, William Gilbert, Neil Zank, Art Fregeau, Ted Jensen, John F. Peterson, Mark Bailey, Milton Bay and Michael Guerin.

Changes of address include (new address):
Dan Goodlett, 534A 34th Avenue, San Francisco, Calif. 94121
Tim Kerfoot, 189 Cedarvale Avenue, Apt. 505, Toronto, Ontario M4C 4K1
Brock Whaley, 616 Haystack Circle, Apt. 86, Orlando, Florida 32808

DOMESTIC DX DIGEST

RAY ARRUDA
47 BURT STREET
ACUSHNET, MASS. 02743
(617) 998-3958

Many good sunset loggings again this time.

W S K I

P.O. BOX 437
MONTPELIER, VT. 05602

FREQUENCY CHECKS

1st Thu. WCFM-1280 w/TT, phoenetic IDs ea. min. 0106-0110. (KVJ)
4th Fri. KSIW-1450 s/on w/TT 0145. (LVH)

SUNSET TO MIDNIGHT

- 640 WOI IA AMES - 10/27 1841-1847 fair in RS w/WMAQ slop, no sign of WHLO. (BPS)
- 670 WMAQ IL CHICAGO - 11/7 1159-1209 5th midwest logging at midday, ID @ 1200, C&W, promo for Greg Austin Show, wx, spots. (WPT) My second IL logging w/WCFM slop.
- 680 WRKO MA BOSTON - 10/27 2244 w/local spots, ID, then what seemed to be a talk show. (LVH)
- WMPS TN MEMPHIS - 10/27 2246 noted very weak since moving to Millington, doesn't figure because I'm closer to their antenna farm. (LVH)
- 740 WPAQ NO MT. AIRY - 11/4 1645 good w/local ads. (AWL)
- WBAM AL MONTGOMERY - 11/4 1845 good w/ID "The big BAM in Montgomery" heard for 1st time. (AWL) 10/27 1857 w/promo for station, ID/TC/C&W mx, then local nx. (LVH)
- 790 WETB TN JOHNSON CITY - 11/4 atop @ 1715 s/off. (AWL)
- 810 KCOM MO KANSAS CITY - 10/26 1945 good in WGY null w/ID jingle. (AWL)
- 850 KFUP MO OLAYTON - 10/31 1823 xlint w/"Public Trustee" annct, nx, sx, wx & Religious pgm. (KVJ)
- 860 WLBG SC LAURENS - 11/5 1730 good @ s/off, no SSB. (WPT)
- 880 WRFD OH COLUMBUS - 11/7 1634 xlint o/WCBS w/Ohio nx by YL, frequent mentions of Ohio. (WPT) 11/4 1700 good in WCBS null. (AWL)
- KRVN NE LEXINGTON - 10/30 1915 strong w/ID, never heard before, this late, clued me to great western opening. (JO)
- 920 WGST GA ATLANTA - 10/30 1855 good w/nx, wx, Eastern Airlines ad. (JO) 11/3 2320 o/u WTTM w/"Radio 92 Trivia Time". (AWL)
- 930 WJAX FL JACKSONVILLE - 11/3 2321 fair w/YL annor mentioning local elections. (AWL)
- 970 WAVE KY LOUISVILLE - 11/3 2315 was atop w/"97 WAVE" ID. (AWL)
- 1010 WMOX MS MERIDIAN - 10/27 1928 in KLRA null w/local ads, C&W mx. (LVH)
- 1020 WFPO IL PEORIA - 10/27 1830 ID o/WOIL @ 1/2 hr. then into MBS pgm. (LVH)
- KDKA PA PITTSBURGH - 10/28 1658-1702 fair/xlint in RS almost 2 hrs. before local SS, no sign of much wanted WFPO, earliest ever heard. (BPS)
- KBOQ NM ROSWELL - 10/30 1925-1933 strong w/mx, ad, ID, no trace of KDKA, even in fades, State #34. (JO)
- 1030 KTWO WY CASPER - 10/30 1930 strong w/sports show & detailed ID, not a trace of WBZ. State 35 in good western opening. (JO)
- 1060 KHVM TX GILMER - 10/27 1944 s/off denouncing FCC rules concerning daytime only stations. Wanted everyone to write their congressman to support all stations being fulltime. I wrote a letter right away, hi! (LVH)
- 1070 WOIR WV BECKLEY - 11/4 1620 good signal. (AWL)
- 1080 WZTQ WV HURRICANE - 11/4 1630 atop mentioning oil tanker explosion in St. Albans. (AWL)
- WKBY VA CHATHAM - 11/3 1715 fair @ s/off, no SSB. (WPT)
- 1150 WTAW TX COLLEGE STATION - 10/27 1955 w/C&W mx/promos/ID, several ments. of Bryan. (LVH)
- 1230 WXCF VA CLIFTON FORGE - weak in pile 10/26 2020. (AWL)
- 1280 WGSO LA NEW ORLEANS - 11/3 2350 losing battle w/SS station. Probably WADO, Allen, they serve the Spanish community in New York City. (RA) Two way talk show, a la WWDC. (AWL)
- 1290 WHKY VA HICKORY - 11/3 2355 poor w/local mx. (AWL)
- 1300 WKCY VA HARRISONBURG - C&W at s/off. (AWL) Time? Date? (RA)
- 1360 WSAI OH CINCINNATI - 11/4 1900 atop w/ID. (AWL)

- 1380 WDAT FL ORMOND BEACH - 10/30 1816 local spot, then fall program promo. (KVJ)
- WAMS DE WILMINGTON - Off 2015 w/technical problems. (AWL) Date?
- WBEL WI BELOIT - 10/26 2251 w/ID by male annor, then giving Art Contest promo. (LVH)
- 1390 WFIW IL FAIRFIELD - 11/5 1745 s/off w/ment. of FM 104.9, no SSB. (KVJ)
- 1460 WIXN IL DIXON - 10/29 1159-1206 fair in RS w/mx, nx, sx, moderate WRKR QRM, new. (BPS)
- 1470 KRBC TX ABILENE-10/26 2127 w/T40 mx, local ads, more mx. (LVH)
- 1490 WMOG GA BRUNSWICK - 11/3 1800 good for 250W @ 600 mi. w/ID, surprised to hear it atop GY heap. (WPT)
- 1500 KXVQ OK PAWHUSKA - 10/30 1813-1815 xlint @ s/off w/ments. of Okla. & Pawhuska. (BPS)
- 1520 KOMA OK OKLAHOMA CITY - 10/31 1849 strong w/Rock, spot for McDonalds, promo/IDs to 1900 pattern change, then gone to WKBW. (PRM)
- 1550 WCVL IN CRAWFORDSVILLE - atop 11/4 1845 w/C&W mx between games of regional volley ball tourn. (AWL)
- WCTW IN NEW CASTLE - 11/4 good @ 1847 w/local ad. (AWL)
- 1560 WTOD OH TOLEDO - 10/31 poor 1719 w/ads, C&W mx. (KVJ)
- WBOL TN BOLIVAR - 11/2 1745 s/off w/YL annor, & FM promo for "Great O&W mx until 11PM". (KVJ)
- 1570 UNID -- ----- - s/off, fair looping Nw/SE from Chicago, sounded like WBNO, any ideas? (BPS) Need time & date. (RA)
- KVRA SD VERMILLION - 10/31 1838-1846 xlint in RS, slight KPIK QRM spots, faded out before s/off giving way to CFOR/OHLO. (BPS) 11/5 Best SSS catch in a long time! Xlint 1943-1945 w/ads, PSA, FM promo, then s/off. (KVJ)
- KLAA LA LEEVILLE - 10/26 1945 s/off followed by SSB. (LVH)
- KMAR LA WINNSBORO - 10/30 good @ 1904 w/ad/ID. (JO)
- WTQX AL SELMA - 11/3 1744 fair/good at s/off w/ment. of XR on Rte 90W. (WPT)
- WNGA NC SILER CITY - 11/3 s/off noted @ 1715. (ERS) (ERS)
- WNSC SC LORIS - 11/4 1655-1705 noted w/ABC Ad Nx, Bulletin Board.
- WSWV VA PENNINGTON GAP - 11/4 1707-1710, ID & Farm mx. (ERS)
- WSSA GA MORROW - 11/6 good to 1730 s/off, reported. (ERS) Hope you have better luck getting a QSL than I did for their DX Test! (RA)
- 1580 KNIX AZ TEMPE - 10/27 2051 noted w/fine signal w/AM-FM ID, C&W mx, in WOLS null, 1st time on RS, did catch DX Test last year, anyone get a QSL for that Test? (LVH) I don't think so Larry, but I did receive a v/l for SSS reception about 2 years ago at this time, but it took a phone call to former member Cliff Reno. (RA) 10/30 1949 C&W mx, nx, ID faded in, new State #36. Third new state in 24 min...was I excited! (JO) I would be too! (RA)
- KESM MO ELDORADO SPRINGS - 10/27 1943-1945 fair @ s/off w/area ments, KPIK QRM slight. (BPS)
- WEYY AL TALLADEGA - 10/31 1813-1815 s/off w/many ments. of Talladega, "when WEYY goes off, even the sun goes down". First AL on SSS, taped for verie #200. (BPS)

MIDNIGHT UP AT INSPIRATION POINT

- 540 WDAK GA COLUMBUS - 11/5 0245 atop w/Rock. (AWL)
- 590 KBHS AR HOT SPRINGS - 11/5 0714 w/ad, local wx, SID, Elvis record, frequent TCs. (LVH)
- 710 WHB MO KANSAS CITY - 10/29 0134 w/Rock/ID/TC. (LVH)
- 740 WKIS FL ORLANDO - 11/5 0300 fighting it out w/SS station, no sign of OBL. (AWL) OBL off nightly @ 0110. (RA)
- 750 WPDV WV CLARKSBURG - 11/2 0808-0810 fair w/local & political spots. (PRM)
- 770 KOB NM ALBUQUERQUE - 11/5 0651 briefly up w/C&W mx, no WABC, but another weak station, WABC off? (LVH)
- 790 WQXI GA ATLANTA - very good this evening 11/4 0030. (AWL)
- 810 KCOM MO KANSAS CITY - 11/2 (time?) good w/spots, wx, "81 KCOM" ID, into MoR mx. (PRM)
- 850 WPTB GA STATESBORO - 11/4 0200 AP Nx, "SW GA best mx" atop. (AWL)
- WEAT FL WEST PALM BEACH - 11/4 0205 poor w/SS station. (AWL)
- 910 KRIO TX MCALLEN - 10/27 0045 w/local promo for HS contest. (LVH)
- 920 KDHL MN FARIBAULT - 10/27 0055 w/old C&W mx, local Restaurant spot. (LVH)
- 930 WTAD IL QUINCY - 10/29 s/off w/FM, TV ments. & SSB. (LVH) Time???
- 940 WQPC MS HOUSTON - 11/2 0817 strong w/little QRM, local spots, jx ID, many local ments. (PRM)

Radio Station
AM - 1390 KC FM - 107.1 MC
Studios Klein Road - P. O. Box 2639
GULFPORT, MISSISSIPPI 39503



- 1010 WOSI IN COLUMBUS - 11/3 fair w/WIOI nulled, w/mx, ID, & TC @ 0813 $\frac{1}{2}$, talk about Duncie Day. (PRM)
- 1050 WSEN NY BALDWINVILLE - atop 10/24 @ 0320. (AWL)
- 1090 WKFI OH WILMINGTON - 11/2 good w/little QRM 0821 w/"substituted" (?) ID, promo for local HS FB game. (PRM)
- 1150 WRUN NY UTICA - 11/6 noted on ET/TT 0400. (ERS) 11/6 0233-0340 poor/fair w/CKOC, mixing w/WIMA on ET/TT, IDs @ 0308, 0326 ments. of FM. (RA)
- WIMA OH LIMA - 11/6 0302-0312 mixing poorly w/WRUN ET in RS w/IDs/mx/wx/promos/mx/area ments. (RA)
- 1220 WSOQ NY NORTH SYRACUSE - 10/24 0830 good w/local ads. (AWL)
- 1240 WENK TN UNION CITY - 10/30 0026 ad for Union Co. Motors, PSA for C.B. Emergency Network. (KVJ)
- UNID --- ----- - 10/30 someone w/K-Radio promo 0051, TC was CST, rr mx. (KVJ)
- 1280 WKST PA NEW CASTLE - 11/2 fair in QRM w/Rock, ID 0115-0117. (PRM)
- 1330 WLAT SC CONWAY - 11/3 0744 disco, TO/ID, fair signal. (PRM)
- WHET MA WALTHAM - 11/6 0254-0300 WPOW s/on, very good to 0300 w/AM-1330 ID. (ERS) Wonder if they're back on NSP status? (RA)
- 1370 WGOA FL PENSACOLA - 11/4 0010 atop w/political message. (AWL)
- 1390 WAKA FL GAINESVILLE - 10/30 political ad for George Firestone, local ads, rr mx 0723, nx @ 0727. (KVJ)
- 1420 WKOW VA WARRENTON - 11/7 0152-0229 way u/WBSM w/ET/TT/C&W mx, mostly instrumentals, IDs @ 0157 & 0204. (RA)
- 1550 OBE ON WINDSOR - 10/29 0107 w/CBC ID & regional wx. (LVH)
- KKJO MO ST. JOSEPH - 10/29 0109 local ads, Burger King ad, (I was hungry), wx, T40 mx. (LVH)
- WBSO SC BENNETTSVILLE - 11/8 good w/wx for Carolina coast 0743, spot for Hamer Electric Co. then local wx 0746. (PRM)
- 1560 WAGL SC LANCASTER - 11/8 good ending sx w/Tony Grey, VID, mx @ 0746. (PRM)

That'll do it for this issue. Verie back from WSKI Test. See you all next week. 73

Ray

THE BIG 9

JC	John Glemmer, Peoria, IL	TRF, SM2
LVH	Larry Van Horn, Millington, TN	DX-160, LW, TRF, SM2
KVJ	Karl Jeter, Atlanta, GA	HQ-150, TRF, SM2
AWL	Allen W. Luckey, New Castle, DE	Mil Surplus, TRF, 60' LW
PRM	Paul Mount, Nelsonville, OH	Radio Duplicado
BPS	Brian P. Sherwood, Elmhurst, IL	HQ-129X, SMI
ERS	Elliot R. Straus, West Orange, NJ	R-390A, 500' LW
WPT	William P. Townshend, Washington, DC	TRF
RA	Ray Arruda, Acushnet, MA	SX-122, SMI

ANARC 1979

The 1979 Association of North American Radio Clubs (ANARC) Superconvention will be held in Minneapolis, Minnesota on June 22-23-24. A full, all-wave agenda is being scheduled and participation is expected from manufacturers and international broadcasters. A more detailed list of convention activities will be released soon. For more information, send a large self-addressed, stamped envelope to: Association of North American Radio Clubs, 1979 Convention Committee, 3320 Grand Avenue South #305, Minneapolis, Minnesota 55408.

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.

Not much of a column this week so I'll repeat some reporting rules, much to everyone's delight, hi. (1) NEVER use both sides of the paper. In order to arrange the tips in frequency order, each sheet of paper is cut up into the individual loggings. This obviously becomes messed up if you put stuff on both sides of the paper. Think of how much I must enjoy copying by hand everything on the back side, and take a vow never to do this again. (2) put your name after every item. Same reason as number one. When I end up with a paper strip pile a foot tall for the column, it becomes difficult to remember whether Ephram Glotz or A. Bedoya typed their reports on onion skin or 20% bond. (3) please include the station calls, location, slogan, etc. for each item. I want the column to be as complete as possible, and previously spent a lot of time looking this up when you didn't include such info. I can't afford to do this all the time; for instance today I put in 12 hours at work and don't have the time or energy to do all that. (4) don't worry about late tips. Tips relate to time in two ways: knowing what can be heard in your area at any specific time, and knowing what can be heard on a more general basis. The first is quite obviously beyond the capabilities of IDX-D the second is what we are here for. Knowing what can be heard on a general basis is not terribly time related; therefore I have no reservations about printing tips that may be a month or two old. (5) not exactly a rule.... sometimes newer DX'ers are less than overpowering in their rush to send in reports to the columns. You probably think that your DX isn't really very good, you probably made a bunch of terrible mistakes, and that the more experienced DX'ers are sitting in judgement of you. Actually only two of three are true. (Just kidding, hi) Please remember that none of these are the case and that I look forward to receiving reports from everybody. I can't stress that point enough. (6) there are always too many rules involved in simple things. This is an important rule.

No name means it's from Mark Connelly.....

- 535 GRENADA Mourne Rouge, R. Grenada best ever 11/8 at 0030 with end of discussion program and then news. Foxy might be right about the power increase-their signal seems a bit good for a mere 500 watts. (Hutton)
- 540 VENEZUELA YVOV R. Perija good, well atop w/lively SS mx, several ID's 0600-0630 11/1; hrd on TRF. (DeLorenzo) All of a sudden a couple of reports on this one after nothing in years. They must have extended their schedule or increased power-CH
- 575 COSTA RICA San Jose TIRN, R. Nacional de Costa Rica suspected w/enjoyable modern jazz pgm at good level, then SS talk, no slogans or ID's discerned, 0512-0520 11/4.
- 590 CUBA San Antonio de Las Vegas QM o/u WEEI 0536 11/4. Usual Cubans also in on 570, 600, 630, 640, 670, 690, 720, and 780.
- 610 TRINIDAD AND TOBAGO NBS heard 11/5 0015-0100 during semi-auroral cx. QM anncr sounded British with commentary and 0025 piano mx until ID at 0027 mentioning government broadcasting then NBS and Trinidad and Tobago. Another pgm followed but unidentified topic and orchestral mx at 0050. Program at 0100 dealt with pilgrims and may have been religious-type thing. Lost signal at this time to French Canadian speaker. After phone call to Foxy caught NA at 0403 s/off. WIP again strong at this time. (Musco)
- 645 PARAGUAY (tentative) ZP19 R. Caaguazu fair in peaks w/rapid, enthusiastic male speaker and some lively SA dance mx 0723-0820 11/6; DF 165 degrees. Believe I have one "Caaguazu" on tape; one minute peaks, four minute fades except for four solid minutes 0736-0740. (DeLorenzo) I had thought this was off of 645, not having heard it for a year or so. I believe Schatz also thinks they are off. I'd sure love to hear your tape-reel to reel or cassette OK-what you say?-CH

- 670 VENEZUELA Caracas YVLL noted w/festive mx o/u Cuba/WMAQ 0539 11/4.
- 705 ST. VINCENT Kingstown fair in WOR slop; Caribbean EE fast-talk ads 2210 11/4.
- 710 VENEZUELA Caracas YVKY R. Capital fair w/Venezuelan bank ad, WOR (in only on groundwave) nulled 0537 11/4.
- 725 COSTA RICA San Jose TILX fair w/festive mx, then man in SS 0509 11/4.
- 725 SURINAM Paramaraibo xint, like a local, w/old US hit "Hello Stranger" 2215 11/4.
- 730 COLOMBIA Bogota HJGU atop low grumble; R. Melodia ID, then SS vocal 0535 11/4.
- 750 VENEZUELA Caracas YVKS like a local with SS anncr, then Johnny Halliday record 0508 11/4.
- 760 COLOMBIA Barrahquilla HJAJ o/WJR w/local Barranquilla nx 0507 11/4.
- 765 SENEGAL Dakar good w/native mx 2205 11/3. Loud w/African vocals 0623 and at usual potent level w/AA mx 2126 11/4.
- 780 BRITISH VIRGIN ISLANDS Roadtown ZBV1 superloud w/Caribbean reggae rock, wolf calls, man w/TC "6.24 in the Virgin Islands" then sexy voiced woman with ID followed by disco mx 2223 11/4.
- 800 NETHERLANDS ANTILLES Bonaire PJB well o/CKLW; EE religious talk 0459 11/4.
- 810 BAHAMAS Freeport ZNS3 0046-0057 11/8 fair w/EE DJ, US pops //1540. Yes Chuck, is 24 hours (1 kw //1540 6:30 PM to 6:00 AM). I'm sure most of you can catch this! (T. Krueger)
- 810 PUERTO RICO San Juan WKWM 0501-0504 11/8 w/SS, SSB, and off. Poor. (Krueger) Totally dominant w/festive SS mx, talk by man and woman in SS, then noisy ads w/reverberation and fanfare, KW ID (elaborate ID w/jingles, reverb, etc.) 2245 11/4. (Connelly)
- 820 COLOMBIA Cali HJED good w/CARACOL ID o/SAH, ratpack 0500 11/4.
- 830 HONDURAS R. Moderna 0230 most nights at fair to good level w/SS ID's and LA pops. (Krueger)
- 830 VENEZUELA San Antonio de los Altos YVLT pounding in w/R. Sensacion ID, then elaborate jingle based upon the "Magnificent Seven" theme, then full AM/SW ID's by call letters 0501 11/4.
- 834 BELIZE Belize City fair w/disco 0458 11/4.
- 840 HAITI Cap Haitien good w/man in FF 2241 11/4.
- 860 BRAZIL Rio de Janeiro R. Mundial good w/man in PP followed by disco tune 0728 11/5, clear ID: noted frequently that R. Clarin is no longer AN. (DeLorenzo) Indeed is much easier. Brazil hunters should try for this-it isn't too hard at all this season on a MM-CH
- 854 PERU R. Nacional de Peru, Lima noted with best audio since fall of 1975 0200 11/10 with clear ID. (Hutton)
- 870 PUERTO RICO Hato Rey WHOA good w/US hits 2240 11/4.
- 871 UNIB LA-YV or HJ suspected, SS talk, mushy audio 2240 11/4.
- 900 VENEZUELA Maracaibo YWMB to good peaks o/fast SAH mess-up tempo LA vocals, then several R. Mara, Maracaibo ID's 0454 11/4.
- 910 VENEZUELA Maiquetia YVRQ good w/several R. Aeropuerto ID's, then 40's era LA mx w/horns and slow male vocal 0532 11/4.
- 914 SURINAM Nieuw Nickerie RANI 2330-2345 11/7 peak at xint level, then quick fadeout w/wild Hindi ad string, male and Hindi pops. (Krueger) Very loud w/female vocal and flute accompaniment to reggae beat 2336 11/4.
- 919 COLOMBIA Cartagena HJAE atop feeble 920 het: carnival type LA instrumental mx 0449 and loud/in the clear w/booming reverberated "Fuentes" ID and Cartagena mentions 0621 11/4.
- 925 COSTA RICA San Jose R. Juvenil 0454-0500 11/8, presumed the one noted all night w/SS sports coverage. Xint between deep fades. (Krueger)
- 940 COLOMBIA HJGB R. Eco, Cali fair o/u WINZ w/loud "..Eco.." by man 0613 11/3. (DeLorenzo)
- 950 VENEZUELA Caracas YVKG R. Vision a blockbuster -totally dominant /local like w/male SS vocal, ID, then female SS version of "It's A Heartache" 0448 11/4.
- 960 BERMUDA Hamilton ZFB mostly o/HJHN; EE nx w/many local items, then wx and jingle "The Music's on us-96 ZFB", followed by disco rock 2229 11/4.
- 960 COLOMBIA Magangue HJHN u/ZFB w/R. Sutatenza Magangue ID 2230 11/4.
- 980 VENEZUELA YVIB R. Exitos fair o/u domestics w/ads for Maracaibo, ID, Frank Sinatra tune 0533-36 11/6. (DeLorenzo)
- 1005 COLOMBIA Neiva HJJR xint, equalling groundwave of adjacent WINS 1010; female SS vocal at 0446 11/4. (Connelly) R. Colossal good w/ID following mx 0659 11/4. (DeLorenzo)
- 1020 VENEZUELA La Ascuncion YVRS fair o/mass of other LA's; Carupano ads 0557 11/4.

- 1035 HAITI Cap Haitien 4VEC strong w/organ mx 2314 11/4.
- 1070 VENEZUELA YWMA R. Zulia, Maracaibo good, well atop w/several ID's and lively mx 0651 11/4. (DeLorenzo)
- 1100 ANTIGUA St. John;s ZDK loud w/calypso mx and DJ who talked over records 2153 11/4.
- 1265 ST. KITTS Basseterre potent w/Caribbean EE religious talk, then reggae hymns 2150 11/4.
- 1310.2 UNID het on domestics, probably an LA 0439 11/4. (Connelly) It's the unlisted R. Revolucion outlet I reported last week-CH
- 1315 DOMINICAN REPUBLIC R. Bani 0030-0045 11/8 w/SS pops, male DJ and ID's. Xlnt. (Krueger)
- 1349 MAURITANIA Nouakchott in well w/female screaming, better than 1350, 2148 11/4.
- 1394 ALBANIA Lushnje noted fair 2302 10/30 with SS news-alternating male and female announcers-mx briefly at 2312 then into commentary seemingly about US foreign policy until 1717 tune-out. Noted again 2303 10/31 with same format. (Sorensen)
- 1394 UNID strong carrier, not likely the Albanian as TA opening was restricted to Africa 2258 11/4.
- 1403 GUINEA Conakry very good on TRF w/native mx resembling SS and AA Classical guitar 0437 11/4. Xlnt w/xylophone type mx at 0603 and loud w/native mx sounding like steel pipes being banged together 2148 11/4.
- 1415 DOMINICAN REPUBLIC Dajabon R. Marien 0154-0212 11/8 w/SS ballads, calm male past WRTH listed s/off. Fair. (Krueger)
- 1425 UNID EE rock type mx with DJ type talk noted good to fair with deep fades 10/31 2312-2324 fadeout. Thought this might be previously heard AFRTS Thule but WRTH says this one is now on 1210. (Sorensen) It's my understanding that this is still on 1425 and that 1210 is a separate stn altogether. Anybody know for sure?-CH
- 1439 LUXEMBOURG good 2317 10/30 in EE with film offer mentioning London mailing address and rock mx-no trace of domestics on 1440. (Sorensen)
- 1457 ALBANIA Durres fair 2308 10/31 in unid European lang-usual alternating m and f anncrs, not //1394. (Sorensen)
- 1466 MONACO Monte Carlo fair with religious mx 2356 10/30 then s/off with IS at 2359. (Sorensen) 2148-2202 11/7 EE religious pgm into lang at 2200. Xlnt. (Krueger)
- 1502 UNID African suspected, het on aurora-enfeebled WTOP 0524 11/4. A Beverage would have brought up audio on this one.
- 1580 COLOMBIA HJQZ R. Principe very good, alone on channel w/ID's, female vocal tune 0610 11/4. (DeLorenzo)
- 1602 WEST GERMANY Munich BR fair with nx in GG 10/31 at 0001. No domestics audible on 1600. (Sorensen)

Mark Connelly	W. Yarmouth, Mass.	TRF
Marc DeLorenzo	Centerville, Mass.	HQ100, SM1
Chuck Hutton	Decatur, Ga.	R390A, 1900' Beverage
Terry Krueger	Casselberry, Fla.	QR666, 80/65' LW
Ron Musco	up in Connecticut	HQ180, ????
Morris Sorensen	Leaf Rapids, Manitoba	HQ150, 75' LW



FOREIGN LOG

The International Radio Club of America has just completed publication of its seventh annual "IRCA Foreign Log". This handy DX guide contains listings of hundreds of stations located outside the U.S. and Canada, as heard by club members and reported in the club's bulletin, DX MONITOR.

The log contains information such as schedules, formats, and reception conditions. Station listings are divided into three sections: Europe & Africa, Latin America, and Asia and the Pacific. A special section dedicated to the new 9 kilohertz frequency plan is included, with a comprehensive listing of the new frequency assignments in Europe, Asia, Africa and the Pacific. Also featured is a section on medium wave propagation.

The log costs U.S. \$5.00 postpaid. The "IRCA Foreign Log, Volume 7" is available from IRCA, Dept. FL7, P.O. Box 17088, Seattle, WA 98107 U.S.A.

MUSINGS

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

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

HAS A NEW RECEIVER

HILL WURTZEL - 32 West 31 Street - New York, New York - 10001 212-594-4892 11/7/78

ERNE COOPER's Musing recently stated "The Iron Curtain still lives." Let me assure all the readers that he was referring to the steel gates which are for security on my windows. I am not now nor have I ever been a Communist, & hope I'm not on anyone's black list! In Nov. 6 *DX NEWS* an appeal has gone out for lost or missing issues of #28 (7/17/78) which the Post Office has 'lost'. A poem of mine in which I say "The U.S. Post Office is awfully slow - It would come faster if broadcast on the radio" was probably read by their censors and not liked. So they helped themselves to a few issues. Late some night I should be expecting government agents to come by and interrogate me. This is only the beginning of my tearing apart our outmoded and antiquated beauracracies by poetry. I have over 1,000 poems and almost an equal number of limericks in which I tackle every subject under the sun. I am ready for a big publisher when I get the bulk of them typed up. I was recently in touch with **BRUCE CONTI** in Boston and he sent me two fine poems about WRBB. I sure hope he can come to visit me. The welcome mat is out - all my radios! I picked up a GE ten-band portable, used, for \$45. It is not great on AM but it does have a powerful amplifier which puts out a hi-fi sound. It's the model P4970A, also called the Monitor 10. It brings in WWVA L&C most nights. Long live Country & rock-n-roll, Disco has gotta go! Recent DX includes: 11/7 at 1:15am WITS-1510 Boston w/a tele-talk program. The host gave a phone number of 426-2030, but my phone bills are running high so I didn't call. Some night I really will, & any DXers up listening are going to hear me. I picked up a het from Waltham, Mass., it turned out to be W-HET on 1330, about 1:30am 11/7 playing pop mx & NY. Dialing around I heard WQAI-1200 San Antonio, with the Garner Ted Armstrong propaganda program. I used to be an avid listener to him and his father Herbert W., some years ago & even read their literature. Most people who follow these speakers are looking for answers & they come on the air talking so logically and dealing with world events and subjects which interest people & before you know it you get hooked on them & their cause. Mostly it is people rebelling from their own church's teachings or upset about world conditions and people's attitudes who are attracted to these movements. I've said enough; now some humor.

While in Colorado and visiting **KADE** I sent a postcard to **BRUCE WINKELMAN**
They served me lemonade Asking about WIL0's power increase plan
I said I came here He never answered me
To drink Coors' beer And must be busy
The manager said Do you expect to be paid? Probably watching re-runs of Charley Chan.

LISTS SYRACUSE UNIVERSITY SPORTS NETWORK

RUSS EDMUNDS - Box 127 - Boonton, New Jersey - 07005 11/6/78

Just a few quick notes. Though too late for much of the FB season, I have the Syracuse University FB/BKB network: WNEP-1290 Binghamton; WNYC-830 New York; WSAY-1370 Rochester (FB only), WROC-1280 Rochester (BKB only), WSYR-570 Syracuse, WRNY-1350 Rome, WWHY-790 Watertown, WMSA-1340 Massena, WWWD-1240 Schenectady, and WHPN-950 Hyde Park. I hope this will be useful. I caught the WADE-1210 TEST way u/WCAU last month per **FRANK DAILEY's** phone tip, 9/27, 1-1:15 w/rr. WSUM-1000 9/18 didn't make it. I missed WAVC-1350 on 10/9 as my 13-month-old son got in here and moved the dial after I'd pre-set it, rats. KFUC-850-TEST was heard w/public service programs @ 2:30+ 10/16, o/u KOA & unID strong TTer. This is the first time KOA was heard in several years, & I finally got a good tape. I tried KIUP-930-TEST, & heard Tt o/u WPMF & WBEH, but nothing IDable. I also tried the WSKI TEST 10/30, but I haven't played the tape back as yet. Thus it seems that my only DX thus far is by remote tape! I'm still hoping to get a friend of mine who specializes in shooting up longwires with a crossbow over to get one up over the end of the lake! 73's.

WE WELCOME A NEW VIRGINIA MEMBER WHO'D LIKE TO HAVE NRCers VISIT HIM

MIKE DEITZ - 1412 Sierra Arch - Virginia Beach, Virginia - 23456 11/10/78

After two transfers in one year (Texas to Tennessee to Virginia) I think I've gotten settled enough to write my first M.se. I am 27, married, & in the Navy (nine years this month). Current equipment includes an SPR-4, DR-33, DA-5, & Sanserino Loop. I started DXing from this Va. location on 8/10/78. In the three months since then I've logged 429 stations, 34 states, two provinces, & 27 countries. A strange thing though, it took that three months to log XERF! They are a pest in Texas & Tennessee but certainly not here. + really look forward to each issue of *DX NEWS* as it contains a lot of helpful information, especially *IDXD*. Articles like "Logging 50 states from New England" by **FRANK DAILEY** and the LA split list are handy reference material. I'd like to invite any DXer in the Tidewater area to call or drop by any time between 3:30 p.m. and 9 p.m. weekdays or anytime on weekends. 73's & good DX.

WITH ONLY ONE DAY'S MAIL YET TO ARRIVE BEFORE DEADLINE FOR THIS ISSUE, IT LOOKS LIKE RATHER SLIM PICKIN'S. AS THEY SAY IN NEW YORK CITY, "WNYC-830" - "WE NEED YOUR CO-OPERATION" IF WE ARE TO BRING YOU LENGTHY AND INTERESTING MUSINGS SECTIONS. PLEASE, MORE OF YOU STEP FORWARD!

Don Davis
107 Oakdale Dr.
Warner Robins, GA
31093

QSL BUREAU

Finally! I would like to thank all of the patient folks who have been waiting quite some time for this article. I hope everyone finds something interesting.

How the system works - There are some stations who just won't verify no matter what you do. Almost. Invariably a personal visit to a station with report in hand will get you your prized verie (if you ask nicely). However, making a trip to a station out of your local area is out of the question in most cases. This is where the QSL Bureau comes in. You are not alone in the verie game; a large number of members who collect QSLs are in exactly the same situation as you. If we were all willing to spend a couple of hours each month visiting our local stations with other member reports it is obvious that everyones verie total would be very close to 100%!

Mechanics of the system - After you have sent a verie request to your prized DX catch, give the station a reasonable amount of time to answer you. I was curious as to just what constitutes a "reasonable" length of time, so I took some arbitrary pages from my log book and came up with the following: 70.3% of the stations responding with a QSL took between 0 and 30 days; 13.3% took 31 to 60 days; and those stations taking longer than 60 days weighed in at 16.2% with most answering within 90 days. From this I think that 90 days is not an unreasonable length of time to wait before taking follow-up action. By follow-up action I am not talking about sending another report! Use the QSL Bureau. Use the list of station "managers" and find the person who has volunteered to manage stations in the area your holdout is located. Once you know who that is, send him a copy of your report, S.A.S.E., and a nice little note thanking him for making a super effort to support brotherhood via DXing. This involves some amount of effort on behalf of the volunteer "manager", as it will require a personal visit to the station using some diplomacy.

Volunteer!!! - The only way this thing will work is for all of you to sign up right now. Simply send me a note telling what stations, or what geographic area you would like to be responsible for. As an example: All metro L.A. stations, all stations within a 50mile radius of Macon, GA, etc. Once you do that I'll make sure that your name appears in print in periodic updaters in the clubs. I am setting this up as a nonpartisan operation, and this is being sent to IRCA, NRC, and WTVFDDA.

Side Effects - Some additional benefits to be derived from this system will be of benefit to the entire club as well as the QSL collector. When visiting the station and requesting a verie, I have found that stations are more than happy to supply a quick note written on a piece of their letterhead stationery. This looks so much nicer than a PPC. Also, whenever I visit a station I always play "20 Questions" with the GM or whoever will talk to me. Some interesting questions you might ask are: "When is your frequency check?", "What are your hours of operation?", etc. etc. I find that taking along my NRC log really impresses station people. And when I ask them to make pencil changes or additions to their entry in my log, I've made a friend for life. Be sure, however, to send all of this new info to Joe Fela and John Calliarman so it can do everyone some good. While you're at the station, a quick plug for the CPC and DXing in general wouldn't hurt a bit either.

The List - These kind (and patient) souls have already volunteered to manage their local-area stations. Lets hope we can regularly add to the list.

Area	Manager
Vero Beach to Ft. Lauderdale, FL.	Chuck Morgan, c/o WPBR, 3000 South Ocean Blvd, Palm Beach, FL 33480
Houston, MS (30 mile radius)	Mike Heppe, Box 7, Houston, MS
Hammond, Gary, Valp., Rensselaer, IN (+local area)	John Zondlo, 6617 Maryland, Hammond, IN 46323
All KY stations west of I-75!!!	John Hoogerheide, 105 Bayside Lane, Brandenburg, KY 40108 Note: Possible 4mo delay as special trips cannot be made. Patience.
All Pascagoula, MS stations	Chris Baskind, 603 Enger Dr., Pascagoula, MS 39567
New Bern & Jacksonville NC	Gregg Allinson, 908 Christopher Ave., New Bern, NC 28560
Chicago, IL and area (50 mile radius)	Richard Pistek, 8559 S. Komensky Ave., Chicago, IL 60652
Macon, GA area (40 mile radius from Warner Robins.)	Don Davis, 107 Oakdale Dr., Warner Robins, GA 31093 Note: May possibly cover other middle GA stations from time to time. Write me.
Provincetown MA	Ernie Cooper, 5 Anthony St., Provincetown, MA 02657
Central NJ (40 mile radius from West Orange, NJ)	Elliott R. Strauss, 27 Devon Dr., West Orange, NJ 07052

Please be considerate of the managers and the station personnel. It would be very embarrassing for someone to try getting a verie with a poorly written report. Get out a good road atlas and take a look at just where your station is located. It won't do any good to expect someone to chase down a station 300 miles away when he volunteered for a 25 mile area.

From the AP newswire at WRBB, sent in by Bruce Conti.

(Greenfield, Massachusetts) -- The Federal Communications Commission has granted a construction permit for a new AM Radio Station in Greenfield, Massachusetts. Poet's Seat Broadcasting, Inc. says it hope to have the daytime only station on the air within a year. The ten-thousand watt signal at 1520 kilohertz is intended to serve Franklin and Hampshire counties in Massachusetts and parts of southern Vermont and New Hampshire.

Principle officers of the firm are Scott Bacherman of Deerfield and Marc Berman of Buckland. The F-C-C approved the construction permit application this month (October).

BY DOUGLAS KOHL

Low-cost LOOP ANTENNA EXTENDS AM RADIO RECEPTION

Easy-to-build air-core loop helps pull in distant stations on inexpensive radios.

EVEN IF you're vacationing too far from home for normal AM reception, you can still pick up home-town broadcasts with an ordinary AM radio. Alternatively, if you're staying at home, you can receive out-of-town sports broadcasts to keep tabs on your favorite team. Using an inexpensive external loop antenna will do the trick. Here's why it works and how to build one.

Because portable and desk-top AM receivers employ relatively small, internally mounted ferrite-core loop antennas, they can deliver only enough signal for good reception of local stations. However, if an external loop with a larger effective cross-sectional area is substituted for the internal one, or used in tandem with it by mutual coupling, the working sensitivity of the receiver is increased in direct proportion to the ratio of the loop areas.

If the loops are used in tandem, no connections or modifications to the receiver are necessary. Signals will be coupled to the small internal loop induc-

tively when the two loops are placed in proximity to each other. If your home is of wood-frame construction and the walls do not have metal lath, you can mount the large loop on a wall or even conceal the loop behind it. The loop can then be a source of fun as a mystery spot where your neighbor's \$5 transistor radio will work better than ever before!

Constructing a Loop. A typical large loop antenna is shown in the figure. It is made simply by winding a series of turns of wire on some supporting structure. The loop is tuned by a variable capacitor connected across it. The antenna can be supported by wooden pegs inserted into the wall or by a free-standing wooden cross frame. Insulated copper wire, No. 20 or larger, should be used. Bell wire or even No. 14 house wire will yield excellent results. Such a loop can be concealed if other members of the family consider it unsightly.

Plan to make your loop square, or at most, slightly rectangular. This makes it easy to compute the area inside the loop. Construct your loop so that it is as large as possible. A 7-ft x 9-ft (2.1 x 2.7-m) loop, for example, is suitable if you have 8-ft (2.4-m) walls. If possible, mount the loop on a wall which is in line with the distant radio stations you want to receive. The antenna is most sensitive to signals parallel to the plane of the loop, and least sensitive to signals propagating in directions perpendicular to it (striking the antenna broadsides).

To calculate how many turns of wire are needed, compute the area of the proposed loop and use the following formula: $N = 242.3/\sqrt{A}$ where N is the number of turns and A is the area in square inches (1 square inch = 6.45 cm²). For example, suppose the planned loop will measure 6' 9" (2.1 m)

on each side. Its area will be 6,561 square inches (4.2 m² or 42,330 cm²) and the number of turns required will be three. For your convenience, here are the loop sizes corresponding to an integral number of turns:

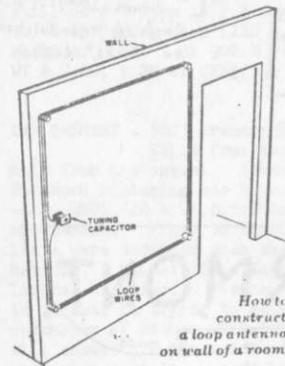
N	Length of each side
3	80-11/16" (2.05 m)
4	60-5/8" (1.60 m)
5	48-1/2" (1.23 m)
6	40-3/8" (1.03 m)
7	34-5/8" (88 cm)
8	30-5/16" (77 cm)
9	26-7/8" (68.3 cm)
10	24-3/16" (61.4 cm)

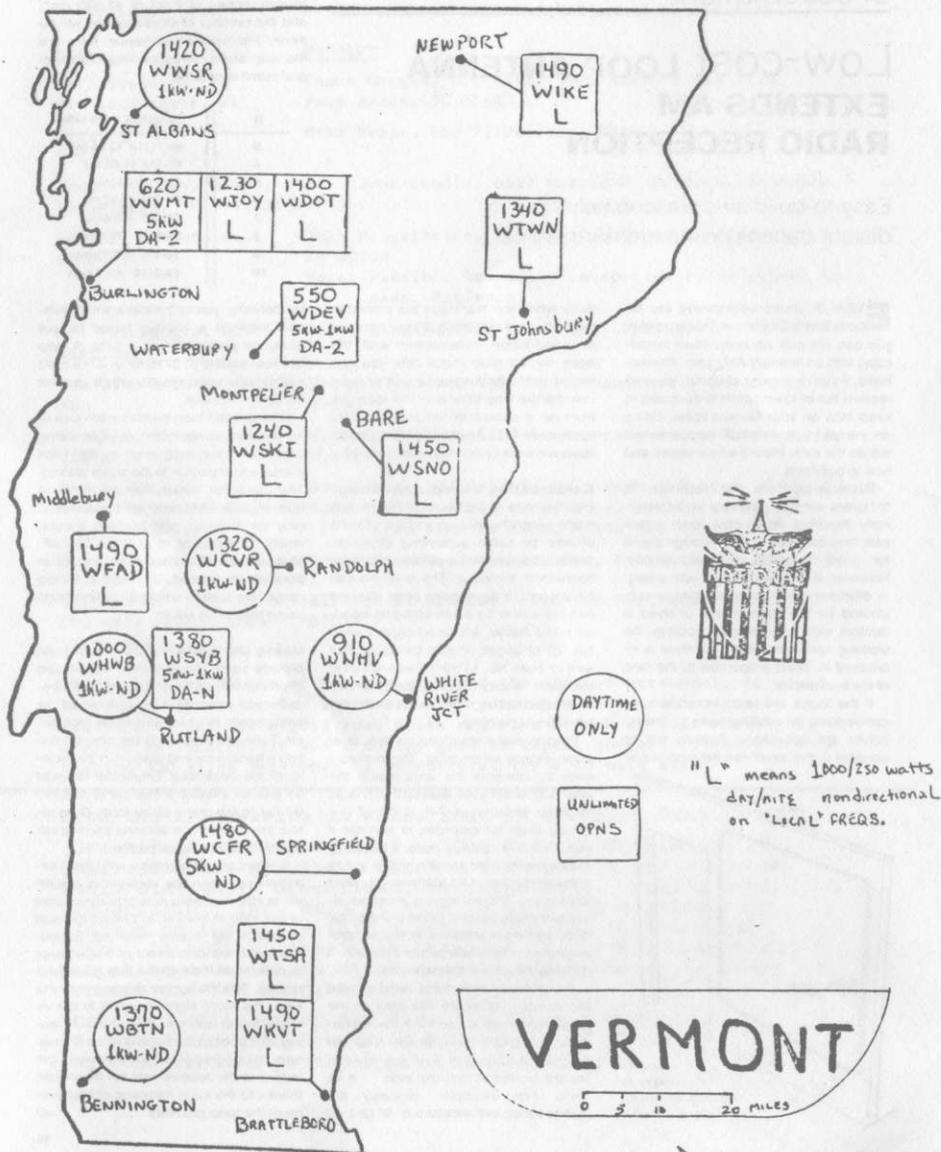
Incidentally, you can make a small, portable loop on a wooden frame to take along on picnics, or on a boat. A loop two feet square (0.3716 m² or 3716 cm²) will provide good results with a "pocket portable" receiver.

Connect the loop ends to each side of an ordinary air dielectric variable tuning capacitor (one loop end to the rotor plates and the other to the stator plates). The capacitor, which can be removed from a junked AM receiver or purchased new (or surplus), should have a maximum capacitance of at least 360 pF. Multisection capacitors can be wired in parallel to extend the loop's tuning range. Be sure to solder all connections using rosin core solder.

Using the Loop. A loop antenna will provide some improvement in reception of all stations, not just the one at the frequency to which it is tuned. However, for best results the loop should be resonated. Tune the receiver to the desired station's frequency and place it in the vicinity of the large loop. Orient the receiver so that its internal ferrite bar is perpendicular to the plane of the loop. Then rotate the shaft of the antenna's tuning capacitor until the signal peaks.

Enhanced reception will be experienced when the receiver is placed up to approximately one side dimension of the loop in front of, or behind the wall on which the loop is mounted. Experiment with the placement of the receiver to determine the location that gives best results. The closer the receiver is to the loop, the more signal coupled to the internal ferrite antenna. For casual listening, as opposed to chasing weak DX signals, the degree of coupling between the loop and the receiver will not be critical, thanks to the large measure of improvement the loop provides. ◊





By Frank Darley
for NRC

LARRY VAN HORN - 7870A Corsair - Millington, Tennessee - 38053 901-872-7116 11/5/78

Welcome to another Musing from Memphis. Lotsa new DX this week. I sure am glad Summer is over and the cold nights of Winter have settled in. (It's 83° outside right now!). New problem at this house is a lot (mucho much) power line interference. I have called the base trouble desk twice now and they think I'm imagining this. Anyone have any other solutions short of a 38 calibre bullet through a transformer? (Yeah, how about a 45 calibre bullet, hi - ERC) It's like waiting for the great pumpkin on Halloween. The interference only shows up at ID time, too - Murphy's Law. I got a nice letter this week from MIKE HARDESTER. Gayle & I are keeping our fingers crossed for them. I'm rounding up info on the base now & will send it when I package it up. The greatest thing to DXing this year happened on the third of November when the NRC Domestic Log arrived. Thanks to all for the best publication ever. It sure has improved since that first edition in the 60's. oh how well I remember it. Current totals: 434/69 stations, 37/25 states, 3/1 provinces & 18/4 countries. Current tape total: 181 stations, 30 states, one province & nine countries. New DX to report: 10/26- UNID SS-575 w/male & female announcers, sort of a hollow audio folo by SS mx, 11:38pm. 10/27- CMKQ-820 Cuba w/Progress net ID, mention of Habana Cuba by male announcer, WBAP nulled, 7:05pm. 4VEH-1035 Haiti 7:34pm, new country, if you can believe that one. It has never put a good signal in here, but I finally got an ID w/male & female announcers, plus children's choir singing, lotsa KOTA & WHO QRM. 10/29- 1:50am, XBT-990 Mexico w/"La T de Monterey" ID. 2:19, XEJ-970 Mexico w/R. Mexicana ID in Chihuahua w/many ads. The station was under a station carrying Larry Elack Show. Any ideas who has LBS this time of the morning? (Larry King, maybe? -ERC) 2:48am, CMCY-1040 Cuba w/continuous light SS vocals & instrumentals, then at the top of the hour, R. Caribe ID, nice, with WHO on SP. Well, I gotta run, so much for this week. One quick question - do tapes count toward the NRC Awards & if so what is the procedure for submission for the awards? 73's.

SUNSET IS NOT NECESSARILY "THE CHILDREN'S HOUR"

JOHN HOOGERHEIDE - 105 Bayside Lane - Brandenburg, Kentucky - 40108
10/29- WGUN-1010 Decatur w/gospel mx @ 5:30pm. Good log in WWCJ-850 Duluth w/WX @ 5:58. While taking log on WBB-710 a fade occurred & up popped very loud WDSM-710 Superior w/c/w, nice log taken, 6:15pm. KWQA-730 Worthington Minn. good signal @ 6:43. And to continue drooling - how about KHLL-790 Billings, Mont. on RS @ 6:55 o/WAKY? Montana #1. Not done yet - KLOE-730 Goodland, Kans. was in at 7:10. Trying for KURL-730 (dreamer!) in popped HIZ w/"San Santo Domingo" and phone numbers. At 11:30pm, log on TIQ-1176 R. Casino, Limon, in EE w/U S. mx, poor signal. 10/30- WSAT s/off 1280 w/SSB @ 12:01am. Who's split LA on 1575? Sounds Central American - noted @ 12:25am. PM DX was great also: WIOO-1060 @ 5 pm; WFNC-940 @ 5:30; WWNF-990 @ 6:15 s/off; KHOZ @ 6:30pm s/off, leaving KJSK & KEUL on 900; KAMI s/off @ 6:45; KMAR-1570 way atop @ 7:20, way past allowable s/off. SSB @ 7:30pm on 1580 was interesting - too late for KPLK & too early for KNIX s/off. QSLs: KOIL, KGO, WNIH, KMBZ, WRLE. Totals now 841 & growing rapidly. 10/31- WBER-780 atop WBEH @ 5:50pm; WHOS-800 6:15 s/off; WAVN-1220 Stillwater, 6:30 s/off. I tried 1580 for that 7:30 s/off & lo & behold, it was KPCA, Marked Tree, Ark. A call to station confirmed this. So one hour beyond legal s/off time for both KPC & KMAR for any of you DXers who noted them on late. WSHY & WKOG-1560 both s/off 5:45pm 11/2. Did anyone notice WTTN-1580 forgot to pull AM plug? They were still on @ 7:15pm 11/2 & dominant. QSLs: KCBC, CHOO, WAMS, KQV, WFRL, KGBX & WPIA, KOA, WFNC. 11/4- KOFO/KJAN atop 1220 @ 6:15pm. WKDA-730 @ 6:30 s/off. I need help from someone in Wash. or Mont. On 900 @ 7:03pm EST, looping into NW, a woman announcer talking slowly w/WX & WX @ 7:04, KUEN or CKHI, or ??? Noy much left on at that time.

WELI-1110 IS TEMPORARILY OFF THE AIR

DAN GEBHART - 1005 Greenridge Drive - Kettering, Ohio - 45429
Hello from the Valley of Towers. Three local 5,000w ANs are located within 1/2 mile from the house. Summer activity DXwise was limited to building an unamplified loop. Not much listening has been done lately but the new loop has enabled WKVL-1340, WHOT-1330, WIS-560, WSUN-620 & WIOD-610 to be added to totals since Oct. 1. Not a bad way to start off the new season. Plans to combine the Atlanta Convention with a family visit to my sister in Atlanta were scrapped when the southern part of the Gebhart clan decided to come North for the holiday. WELI-1110 in Xenia, O. has been sold & is currently off the air pending approval of license transfer. The new owner hopes to be back on around Christmas. Cox Communications in Atlanta is trying to sell local interests in Dayton, O. GE is mentioned as a possible purchaser of either WHIO-1290 or the FM outlet. I talked briefly to the CE at WONE-980 & he will answer all correct reports but can only do so when time permits. He is also involved with sister station on FM located in a small town about 30 miles West of Dayton. WSAI-1360 in Cincinnati recently changed format from rr to c/w. After a fruitless three hour search in my parents' attic in search of my logs and veries from 1958-1962 I have forever given up hope of ever locating those records. A warning to frustrated DXers - Don't lose your records when you quit - you shall return". 73's.

FM HAS BEEN DX-ed

ERIC FADER - 23-35 Bell Boulevard - Bayside, New York - 11360 11/5/78
Hi folks, a quickie thistime. WSKI-1240-TEST heard well MM 10/30 w/TT & some mx around 12:47am. IDs & 802 area code phone number were heard @ 12:50. UNID TT-1490 12:57-1:03 tuneout. Newie WARK-1490 surfacing w/"WARK NX" @ 1:01. Cuban-550 w/jx & rr, 1:55. The past couple of days have had superb Summer-ish FM CX, so BCB has suffered. "Ah well," I always say. Also, BCB was been real staticky & spurry, definitely not good CX, so no great loss, hi. Back in 7. 73 - Phadz.

MOUNTAIN TOP DXING

ALLEN W. LUCKEY - 26 Gene Avenue - New Castle, Delaware - 19720

The last two weeks or so ago have been productive as far as DX is concerned. Several new catches were enjoyed. DDXD has a full summary. AU CX here lately at a good time as I've had some time to DX. I read with interest the reports of seashore DXing the last year or so by various DXers. I've tried it too and found it unusual the way certain stations can be heard over much longer distances. I remember a couple of years ago I received WAPE-690 along the N.C. coast w/good signal while traveling South. My favorite DXing location away from home though is on top of a mountain in Eastern Pa. With a cheapie car radio & broken antenna, reception was something less than astounding. WBAL-1090, 150 miles, w/local-like strength; WBZ-1030 over 300 miles, w/armchair signal; KDKA-1020 300 miles w/good signal. I can imagine what a TRF would do up there. The most refreshing thing was the total lack of any man-made interference. As an added bonus, FM & TV DXing is unequalled. Imagine your FM dial covered with stations from one end to the other. This on the same cheapie radio with broken antenna. A forest ranger permitted me to fiddle with his portable TV. All 12 VHF channels had snowfree reception. The nearest VHF station was over 90 miles away. On UHF, a minimum of 15 channels. All this on rabbit ears, no less. The mountain is Big Pocomo in the Tannersville area of Pennsylvania. Accessible by Route 80, it's worth a day's trip to experience this unusual DX location. This particular mountain is over 2,000' high. I also made an error in my last Muse regarding the Sony CRF-320. It was the model ICF-5900W I noted the image problem with. The CRF-320 is Sony's top of the line RX in the informer series & sells for around \$2,000 whereas the 5900W is in the \$160 range. That's all for now.

LITTLE MAN, YOU'VE HAD A BUSY DAY

KONSTANTINE RYCHALSKY - Box 4256 - Bridgeport, Connecticut - 06607

A re-intro: Single still; pushing 24 with eight years of DX (three w/NRC). My day begins at 8am in Engineering Dep't. of an architectural window wall firm. Out at 6pm, part-timer in Quality Control Dep't. of a plastics manufacturer; out @ 11pm & hit the sack for another day in the life - five days a week, and, more often than not, Saturdays also. I am Second Lieutenant in the Civil Air Patrol, Auxiliary of USAF, and Information Officer with local squadron. My spare time is spent with company bowling team. As time becomes scarce and valuable, one easily ends up doing three things at a time: eating supper with headphones on DXing, & reading DX NEWS during musical selections - etc. Now if I can find time to write a Muse, then there's no excuse for anyone else not too - since a serious illness in the family tops things off. Here are a few other hobbies of mine, however I always find the time to return correspondence, and you can write and ask why, hi: Sports (seasonal); Philately (for profit); Photography (Canon AE-1); Music (self-taught and composing); Records (majoring in Beatles bootlegs and rarities) etc. Oh yes, on the side I prepare working drawings of residential homes for a contractor/friend. DX of late: 9/27- KRMG-740 in @ 1:30am soon to fade for WKIS @ 2:09. KRMG verie is needed for a new state & never varied first report - not in long enough this time. Tonight WFAT-1620 NYC on @ 2:15am IDing as "Clear Channel 16-20", requested phone calls - I did, & netted a QSL. I will forward to NRC HQ for a laugh. 10/2- Daytimer WOMN for newbie but no QSL yet; WUSS-1490 N.J. unearched @ 1:30am - first night signal here, usually it's a daytimer - no QSL yet. (Trying for three years). Needed WVOJ-1320 scant @ 2am & needed WWDC in/out, mostly out, @ 2:20am. Both never varied first reports of years back and signal has never been in long enough since. 10/5- WOMB-1460 Pa. a newcomer @ 2:11; ID @ 2:27, still no verie. 10/17- UNID TT 1090 till 1:25am, no ID @ s/off. 10/31- UNN WSAR -1480 Mass. in well @ 1:08 s/off - I heard NX report that a cylander landed at Grover Mills N.J., I didn't stick around to hear more, hi. Other news: WIS sent v/l for Summer travel report, new state. Best catch of year was Disney World Radio, heard 20 feet outside their coverage area. No verie yet. 73zzz. (Oh - you DO sleep some time, eh? -ERC)

HE'S ON THE WEST COAST NOW

GEORGE A. SANTULLI - 215 Pacific Oaks Road - Santa Barbara, California - 93017

Hello again from the "Transient NRCer". When I joined the NRC in 1964 I DXed from New Jersey. Then from Memphis, Tenn. and now since July 1978 from here in Santa Barbara. I think if I add up all the stations I've heard from N.J., Tenn. & here, I might have about all there is! CX here appear to be pretty good. The LA stations are far enough away not to be much of a bother. I am in the midst of setting up my radio for the coming season. Where can I get hold of an SM-2? After reading about it I sure would like to give it a try. (J. A. Worcester - R.D. 1 - Frankfort, N.Y. 13340 -ERC) As I get entrenched in local broadcasting circles I will attempt to get some DX TESTS from here. I've already talked to some stations & things look good. Locally, KTYD-990 is now KES-990, FM remains KTYD-FM. Their format is religious mx. KIMS-1250 is a rocker, KKIO-1290 is c/w, KIST-1340 is a rocker & KDB-1490 is "Beautiful mx." My mind still cannot comprehend hearing stations like KFI-640, KMPG-710 and KHJ-930 in the daytime on my car radio! Now the big trick will be to hear those "pesky" Wes England states. How in the world am I going to hear Maine way out here? (You AIN'T! -ERC) Best DX to all. I hope this season is a good one.

LOTS OF REPORTS GOING OUT

ELLIOT R. STRAUS - 27 Devon Drive - West Orange, New Jersey - 07052

Hi gang! The DX continues to flow here with every session. Newbies in the last week are WSMO-1560, WJSC-1570, WSWV-1570, WSSA-1570, all info to DDXD. Veries in this week are WJDA-1300, WCLN-1170 & CKCB-1400 who said my letter was the talk of the day around there; they didn't think their kilowatt could make it here. Thirty-nine reports are out in the last 38 days, a good pace, but wearing me out at the typewriter and frazzling my wife's nerves. My antenna outside now is just a 500' LW, because anything longer causes WOR spurs over 50% of the channels - I got them on their fourth harmonic at 2840 kc/s. Totals to

(Straus, con'd.) date are: 1,380/588, with 26 new receptions and ten veries back since 10/1. I should be close to 625 in veries by the new year. I'll definitely be at RAY ARRUDA's on the 26th and hope to see many of you there. MM 11/6 wasn't too productive with no newbies but I got a good report to ZIZ-555 @ s/on @ 5am, starting with song, "Morning Has Broken" @ 4:58, and then into s/on announcement and program sked for the day. That's about all the news fit to print for this week, so with further ado.....

DX IS GOOD IN THE MID-CAPE AREA

MARC DELGRENZO - Box 466 - Centerville, Massachusetts - 02632

Greetings fellow radio freaks. The following is a summary of domestic DX activity during the fortnight of 10/24-11/6, a period of mostly AU CX; all foreign items were sent to IDXD. 10/25- WPWC-1530 Va. weak @ 6:29pm s/off just o/WCKY; WGTO-540 Fla. very good w/c/w 6:38-6:41pm; WILA-1580 Va. weak o/u WSRF @ s/off 6:44pm. WKYE-1550 Tenn. fair in jumble @ 7 s/off; WBSC-1550 S.C. then faded in L&C w/WX @ 7, loud for night pattern. 10/28- CKJD-1110 Ont. well atop w/r/r 6:22pm. 10/30- WSKI-1240 Vt. fair on TEST @ 12:27am mentioning a phone call from Mississippi - seems hard to believe. KNX-1070 Cal. fair w/all-NX 1:42-1:48 for first WC reception this Fall; WKIS-740 Fla. "Kiss" fair w/light rock, ID, WX, 2:33-2:39; ????-1550 L&C on ET-light trumpet mx 2:40-2:50, anyone hear ID on this? 10/30 FM- WRHC-1550 Fla. good, atop in SS 5:36; WGRJ-1530 Fla. fair; WGR-1520 S.C. L&C w/r/r 5:42; WKBA-1550 Va. fair o/u WRHC @ 5:44 s/off; WTWB-1570 Fla. fair, alone (no CKLM) w/ad for Winter Haven Mall to 6 s/off; WTJX-1570 Ala. good, alone with three minutes of ads 6:08-6:11, & good at 6:15 s/off w/gospel tune; WMOO-1550 Ala. fair, atop w/NX to 6:14 s/off. This was an extreme Auroral disturbance (10/30): I could not hear any trace of CBE, CBU, or CKLM until two hours after local sunset. 11/3- WINZ-940 Fla. fair giving program times 1:18am; WSRF-1580 Fla. "Surf-16" good w/album rock 5:10pm; WYHI-1570 Fla. good, atop 5:30 s/off-SSB; WFLI-1070 Tenn. good w/ads, rr 5:40-5:45. 11/4- WCOU-1240 Me. fair atop w/WX 1:29am; WYTI-1570 Va. fair in jumble @ 5:15pm s/off. 11/6- WCNC-1240 N.C. good on r/c-TT 12:17-12:27am; WNNW-790 Fla. "Newsradio 79" good w/talk show 1:10. That's all at this time. Total heard now is at 1,383 - all from within a ten mile radius with Hyannis at the center. So long from Cape Cod.

DON'T FORGET THE KADE-1190 TEST ON DECEMBER 4!

BOB GREENLEE - 5490 Tenno - Boulder, Colorado - 80303

Time again to Muse. I hope a lot of NRCers will listen for KADE's CFC TEST on Monday December 4th 2-3 EST. We will run kilowatt with tones, frequent IDs, & mx. We will accept pre-paid calls at 303-444-5600 and will return tapes sent to station. See CFC TEST data. The TV on Thursday 11/9 was awful, so I thought I'd see what a little transistor job hooked up to the McKay antenna would do for DX. Beginning at about 10:05pm EDT I noted the following: CKRC Winnipeg in null of local KHOW, great signal. KFI L.A. in solid; then deep fade and out. WSM-650 in like a local but not many other Eastern stations. KGGF-690 Coffeyville Kan. with solid signal. I don't know the night pattern of KRKE Albuquerque but on 610 they are dynamite here. The usual KOB-770 also in nicely but KRKE has the signal. WGN-720 Chicago in weak along with WLV-700 Cincinnati and WMAQ-670. WKY-930 Oklahoma City, nice signal in w/KIUP-930 Durango, Col. On 940, favorite KIOA in with good signal. I can't find anything in KMMN-950's null. CKRM Regina "RM-98" in solid with good rock format. Null it and in comes KMBZ Kansas City. I forgot WDAY-970 Fargo, N.D. with good signal. KBQC-1020 Roswell, N.M. in with good signal. KPAB-1110 Omaha in solid, with antenna pointed N/S. I turned it to Omaha and picked up solid 500 cycle het on 1110 (?). KMOX-1120 St. LOUIS in fair. KAYQ-1190 Kansas City in well. Null 1190 and I hear old-time religion on KRDS, Tolleson, Ariz. KBBC "KC-14" in on 1390 from Des Moines. KWBB, Great Bend, Kan. in on 1590. Null local KLAJ-1600 and I find KORG trying to come in solid. I ended the search at 11:10pm EDT. Graveyard frequencies were checked, with nothing taking over. I hope you join in on the KADE TEST. (Can you give us some CW IDs & some sweep tones too on KADE-TEST, Bob? -ERC)

1190 GETS A NEW DAYTIMER IN KANSAS

GARY HOUBEK - R.R. - Munden, Kansas - 66959

Veries received include card from KIRO-710 Seattle TEST, R. Belize-834 w/a program sked stapled to the card, & a v/l from KUOA-1290 Siloam Springs, Ark. TEST. This station also sent information about John Brown University and a CM. The tours were sure nice at the Atlanta Convention. During the WSB tour the gentleman said WSB uses 75kw to produce their 50kw broadcast signal. There will be a new daytime station in Northern Kansas at Beloit. It will broadcast on 1190 w/2,500w. w/a directional antenna to the West. The KIUP TEST was heard L&C @ 4am. On 10/30 @ 5:07am WSPD-1370 Toledo O. was heard for a short time with an editorial. 11/4, KWKH-1130 w/mx, good signal @ 12:10am. More next time.

COME TO THE IRCA CONVENTION IN PEORIA!

JOHN CLEMMER - 2937 West Gilbert - Peoria, Illinois - 61604

I had a great DX session on 10/30. WJST-920 Ga. was in @ 6:55pm for a rare Ga. catch. At 7:15 I noticed 'RVN in, no trace of WCBS. This clued me to an excellent Western opening. At 7:25 on 1020 KCBQ Roswell N.M. popped in for State #34. KDKA was nowhere to be found. I went next door to 1030 & first thing I heard was "The SX Voice of Wyo., K-Two." Again not a trace of the usually dominant station from the East, WBZ. About 7:37 on 1580 I heard some c/w but no ID. Finally they IDed as KNIX Ariz. @ 7:49pm. KTWO was State #35 & KNIX #36. Three new states in about 1/2 hour restores one's faith in DXing even w/all the NRP stations, hi! I recently got the new NRC Log & it looks great. Thanks to JOHN CALLARMAN. Thinking about going to ST. LOUIS for the '79 NRC Convention? Why not think about attending IRCA's convention which will be held here in PEORIA the weekend before ST. LOUIS. I'd love to see you here! 73.

MOTHBALL MEMORIES

CHAPTER XCIII - "THE FASTEST TONGUE IN THE WEST" - by PETE KEMP

B. Mitchell Reed, billed as the fastest tongue in the West came to the Big Apple in early 1963 to hold down the 7 to 11 p.m. spot of WMCA, as one of the "Good Guys." WMCA although only 5,000 watts rivaled the big voices of WINS, WABC, WMGM in catering to the teen market. Other "Good Guys", many of whom are still in the New York area, included Joe O'Brien (now on WHUD-FM), Harry Harrison (presently the morning man of WABC), Jack Spector (currently doing an oldies thing on WCBS-FM on Saturday nights, having left WHN after they switched to country music and he wasn't cutting it as the Coney Island Cowboy), Dandy Dan Daniel (bouncing around various N.Y.C. stations and probably making a fortune with all the commercials & voiceovers that I've heard) and Dean Anthony holding down the graveyard shift. Other DJs on WMCA during that time include Eddie Baer, & Gary Stevens. BMR was clearly a model of fast-paced radio programming. His delivery was punctuated with cow bells, machine guns, and other noise makers, made him number one in New York. It seems a bit strange that "Your leader, BMR, the nuttiest on the New York Turf", started his career as Symphony Sid's successor on WOR's Birdland Jazz Show, and even had a Masters Degree in Political Science. Reed reactivated Smashbacks, Name it and Claim it, and winning a bright yellow Good Guy Sweat-shirt all contributed to life in the early 1960's. BMR eventually left the Good Guys to explore new dimensions in California on KFBW and numerous other stations. The last time I heard his voice was on television, doing booth announcing for a popular variety show.

NEXT WEEK: Sacramento member RICHARD WRIGHT talks of early DXing days. Then: ANDY RUGG. LIKE OLE MAN RIVER, THE SSES JEST KEEP ROLLIN' ALONG

ERNIE COOPER - 5 Anthony Street - Provincetown, Massachusetts - 02657 617-487-9337 11/14/78 Nice v/l & CM in from KIUP-TEST, but unfortunately it doesn't count in my totals as I verified KIUP way back in 1943 when they were on 1400 kc/s. I had fine phone chats with DOUG ALLEN & STAN MORSS this week who said he was sending me a package of 23 snapping turtle eggs via parcel post! (The package arrived with 19 eggs and four baby snappers!) Congratulations, Uncle Sam - you're a mother! Now to DX: 11/7- UniD Tter on 1290 around 12:52am, no IDs heard. Unn WTEL was testing today on 860 with good signal, ID heard @ 1:18 PM, looking for CJCJ, instead I heard unn WIRD-920 u/WJAR @ 4:06pm. I noted the same NX on WOSU-820 & WNYC-830 @ 5:02pm, PBS no doubt as both are non-commercial stations. Andorra-818 was rolling in like high tide @ 5:03. Portugal-755 had a good signal too with an oratorio. 11/8, the morning after Election Day: These were noted on late w/SR: WGR-610, WNNH-930, WAGM-950, WOOD-1240, WARA-1320, WBRU-1400, WPLM-1390. WBRU, N.H., was a new one, logged to 2:07am s/off w/America the Beautiful. I've been after him for years. Unn WKNY-1490 on top at end of their CBS NX @ 1:06am. 11/9- Unn WORC-1310 ANing @ playing "My Girl Bill" @ 2:44. An UniD Tter topping 1490 2:49-3:30, no IDs given so far as I could discern. A loud OC keeping even w/WIIC-1080, no words spoken. In the eve, Arabic-type mx noted on 827 & 1115 around 5:35pm. 11/10- R. Farallones-1550 w/U.S. style disco @ 2am, the AU helped WPTR stay on its own 1540 frequency today; something their CE can't do by himself. Horrors, a loud Cuban on 740 ANing. R. Vision-830, Medellin, in nicaly @ 2:28am. Old semi-local from my Brooklyn days, WKER-1500 heard s/off @ 4:44pm, no SSB. 11/11- WPIK-730, unn, heard s/off @ 5pm w/FM plug & no SSB, to s/on CM @ 6. SM 11/12- Venezuelan NA heard @ 1:07am o/u WBAL, too late for the ID though. Hi, Murph! R. Suceso-1000, Colombia, excellent signal o/XEOY/WCFI @ 3am. MM 11/13- Unn CHUM may be off pattern as they were really digging into WHN @ 1:25am w/rr. WRET-1330 is now NSP, w/EZL. WDES-1500 returned to the air @ 3am today. XEW-900 w/IDs as simply "Dobla-Vay" was topping that spot and ANing, noted around 3. Unn WKVM-810 already on RS by 3:50, this has to be a best bet for Puerto Rico along w/WKAQ-580. Unn WMCO-1550 ETing @ 3:55. OCs were noted AN on 555, 715, 895, & 1125 kc/s. There are SS s/ons around 4 on 1190 & 1200, maybe we'll ID 'em during the week. Something sounding like WBAQ heard s/on, then NX to 4:05, on 1380 u/WENX/CFDA. 11/14- AU CX returned with mucho gusto. Local WILD-1090 ended an ET @ 1:31. AN SSES like R. Piloto-1370 & R. Maracaibo-740 noted on AN, & logs taken on two new ones to me: R. Continente, Bogota, on 930 w/scant domestic QRM, & almost 100% in the clear on 960 was R. San Sebastian, in San Cristobal, Venezuela. I thought for about 1/2 hour he was saying "R. Sen-sacion" & I was going frenetic trying to find such in the WRTH, hi. But finally the mud in my ears broke and the true ID came ringing through. Remember, the DX week doesn't end on MON.!

STAN MORSS - Route 3 - Bradford, Massachusetts - 01830 WNNH-1470 in wall @ SSS on 11/3, and verie is in already, 11/13. Unn WEMB-1060 noted on SSS on 11/7. 11/13- Local WRET-1330 noted ANing today, NSP now. V/l, WwWG-1460.

AND, THAT'S ALL THEY WROTE! WE DO THANK THE 17 WHO DID TAKE THE TROUBLE TO MUSE THIS WEEK, & WE KNOW HOW YOU MUST FEEL AT SEEING SO LITTLE SUPPORT FROM OTHER NRCERS. MAYBE NEXT WEEK WILL BE BETTER - IT CAN'T BE MUCH ELSE. PLEASE, NO PERSONAL MESSAGES TO OTHER MEMBERS IN YOUR MESSAGES UNLESS IT IS TO ANSWER A QUESTION OR HELPS OTHER DXERS AS WELL. DOUBLE SPACE!

NRC HAM OPERATORS' LIST

11/78

Table with columns: CALL, CLASS, STATE, NAME, BANDS/SKEDS. Lists ham operators such as Bob Curtis (VT), Pete Kemp (CT), Mark Connelly (MA), and others across various states.

WIND NEWS TALK 56 We want you to know

KØ AKK	G	MO	Dave Fischer	
KØ LOK	G	CO	Bob Greenlee	
KØ SBV	A	KS	Carl (Skip) Dabelstein	10/80 CW
VE2 AQP	B	PQ	Andy Rugg	3.5, 14, 21 mHz CW
VE7 AZG	A	BC	Dave Bennett	160m + 450 mHz.
VK4 ZSS			Sam Dellit	

Additions or corrections should be sent to Russ Edmunds, WB2BJH, P.O., Box 127, Boonton, NJ 07005. Info on the NRC ham net should be addressed to Dan Phillips, N4NU, address as per the membership list. Next list will be published in about a year. My apologies for the delay with this, but I had some typewriter problems, and had to stay late at work to borrow one in the secretarial pool. - 73's de RJE

BBC (-.../-.../-...) CALLING ...



Get set for the Winter radio changes...

RADIO 1 in Albanian

RADIO 2 in between *La Voz de los Andes* and *Radio Norge* (except in Barnstaple)

RADIO 3 in Morse

RADIO 4 inaudible after sunset

REMEMBER - from 0000hrs on 23 November (0001 in Bournemouth)

JIMMY YOUNG reads the *Inshore Waters Forecast* on 4777.3 kHz (142m - 267°) x 88.95°

Sin 33

(except for listeners in N. Ireland and Redruth)

Twenty-two million self-adhesive Albanian dictionaries are to be distributed to every home with a diamond-shaped radio, writes *Allouis Daventry*, Comptroller of the BBC's vast new transmitter in Tangiers.

Following an International Conference on Flagging Transistor Sales, domestic broadcast frequencies are to be changed overnight and go metric as part of an ambitious plan to improve reception of Albanian Radio on Tyneside and in Torbay.

To meet the challenge of recalibrating the average 2.5 listeners in every home, the BBC has launched a £3 million campaign to promote rooftop dish antennae and solid-circuit Boy Scouts are standing by with soldering irons to assist the hard of hearing.

The new frequencies will mean much more interesting interference for the majority of Britain's radio listeners and is the biggest shambles of its kind in the

history of broadcasting. Engineers will work through the night of November 23 in a race against time to locate listeners in time for the next morning's programmes. WRVS teams have volunteered to post soup to BBC transmitters for the needy.

Unscheduled breaks in transmission lasting from a split second to several days are liable to occur on all BBC medium and long wave services until sunspot activity dies down towards the end of 1981.

In a special message to listeners about to be modified. Henry Ohm, Head of Vertical, Horizontal and Circular Tuning Dials at the BBC's new Hilversum Switching Centre, which is to be moved overnight to Saarbrücken with the aid of a slide-rule, stressed the vital importance of connecting up every radio set *before* the big changeover to the new modulation mode of FFZZZZGRRRWAAAAAARGH...

THIS WEEK'S COMPOSER on 647 kHz / 464 m is the world-famous Albanian goatherd, Gregor Llambi Shtylla. The programme includes highlights of his *Digje for Zog*.

TEST MATCH SPECIAL will resume at 0114 hrs with blow-by-blow coverage of the final day's rubber of equestrian quibits between the Ghags and the Tosks at Tirana.

HOMEWARD BOUND features sheep-dog whistles and the Great Gong of Yanina on disc in an interlude of uninterrupted music to hum over the passes.

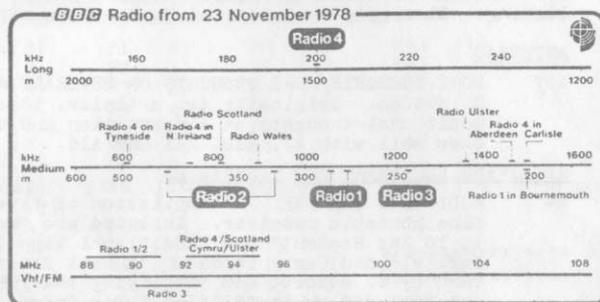
NB Attention all shipping, especially in sea areas Dutch Blight, Fishnet, Doggybag and Cannon. The Meteorological Office will issue gale warnings to shipping after dusk on November 23 on *Radio Reloj Costa Rica* on 4832 and on the Overseas Service of *Paramaribo Surinam* on 4850, except for listeners in the Irish Sea who have their own programme of light music from Stavanger.

EFFECTS ON CAR RADIO

From 0000hrs on November 23, listeners on the move will achieve optimum reception of BBC medium wave broadcasts by using a 40-inch loop antenna with 26 turns to the main winding, tuned with a twin-gang variable capacitor (two sections in parallel) of about 748.25 pF. Motorists with side-valve engines should incorporate a switch to allow tuning between 500kHz and 1881 kHz at speeds not exceeding 44 mph. Under average wind conditions, listeners on a line north of The Wash should have a choice of listening between about 0100 and 0102 hrs between Radio 1, Barcelona and a Greek military station transmitting repeats of *The Archers* from near the Turkish border.

FM TRANSMISSIONS

High-quality broadcasts will continue to be transmitted from the BBC's THF-band station on the roof of the Café Royal, and relayed via Wemvov, Pontop Pike and Moel-y-Parc in Morse. These broadcasts are free from interference from All-India Radio, Ajaccio, Nippon Hoso Kyokai, Radiodiffusion Gabonaise and the Hospital Churchvessel "De Hoop" and will therefore be used for the Open University, *Junior Choice* and BBC Radio Leicester for listeners in Hull.



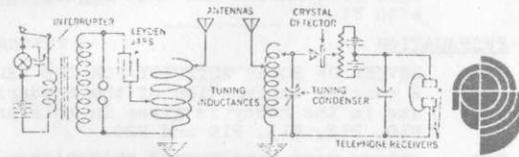
DO I NEED A NEW SET TO LISTEN TO BBC RADIO?

Extensive market research by the BBC indicates that most listeners with a typical AM, CW, USB and LSB receiver with phase-lock and triple mixing drift cancellation capability should have little trouble with the new radio changes, at least in Herne Bay. For those in difficult reception areas such as London, the Midlands or the North of England, it might be worthwhile purchasing a more up-to-date radio with a trans-oceanic beat frequency oscillator and not less than 144 superheterodyne diodes or, alternatively, learning Danish. In parts of Carlisle, reception may be improved by tuning in to Famagusta during the summer months.

REMEMBER

THE NEW WINTER RADIO FREQUENCIES ARE HARMLESS TO PETS AND ON MOST HOUSEHOLD RECEIVERS THE ALPHA-ACTIVE ISOTOPES OF NEODYMIUM, SAMARIUM, EUROPIUM, GADOLINIUM, TERBIUM AND DYSPROSIUM ARE UNAFFECTED.

USE this simple circuit diagram to re-tune YOUR set on November 23:



From "Punch" 11/1/78 via R. J. Loewen.

REPORTERS TO KIUP'S DX TEST INCLUDE:

Rob Keeney, Overland Park, Kansas, Robert Wien, San Jose, Calif., Clarence Freeman, Yreka, Calif., James J. Wallace, Columbus, Ohio, Edward R. Cotton, Chesapeake, Va., Brian P. Sherwood, Elmhurst, Ill., Hugh P. Hector, Canoga Park, Calif., James B. Dotson, Charleston, W.Va., Norman L. Maguire, Albuquerque, N.M., Michael A. Heppe, Houston, Miss., Gerry Thomas, Pensacola, Florida, Gary Houdek, Munden, Kansas, George Kesteven, George W. Link, Jr., Highland, Calif., Karl Jeter, Atlanta, Ga., and Ernest R. Cooper, Provincetown, Mass. (List from Chuck Kelly, C.E. of KIUP via Wayne Heinen)

CORRECTION TO THE LOG Richard N. Allen tells us KRMG-740, Tulsa, Oklahoma is not affiliated with the Oklahoma News Network (ONN). KRMG only joins the ONN for University of Oklahoma "Sooners" football games.

REPRINT LIST SUPPLEMENT

This supplements the April, 1978 NRC Reprints List and includes many of the articles appearing in DX News since that time. Suggestions for articles to be included are welcome. Please use the order form which accompanies this listing. Also note that reprint R4 has been expanded from 2 to 2 pages.

ANTENNAS

A27 SOME THOUGHTS/MORE THOUGHTS ON BEVERAGE ANTENNAS. J. Clements and C. Hutton. Originally two articles, this report gives some valuable additional thoughts on construction and use of Beverage antennas. Goes well with A7, A10, A11 and A16.

RECEIVING EQUIPMENT AND TECHNIQUES

R4 MODIFYING THE TRF. A compilation of five articles for improving this fine portable receiver. Included are "Modifying the Realistic TRF to 10 kHz Readout" and "Additional Tips for 10 kHz Readout" by Charles Barfield and Gerry Thomas. "A Real External Antenna Jack for the TRF" by C. Bobbitt and "Modifying the TRF for SM-1 Use" by B. Sherwood are included as is "Tilting T-Bar Antenna Tuner for the TRF".

R23 DIVERSITY RECEPTION, C. Hutton. Using more than one antenna and receiver in an effort to reduce fading and interference of one frequency. This article deals briefly yet concisely with the basics of "DR" and how it can be applied to Medium Wave DX.

R24 TIPS ON REMOTE TAPING, R.J. Edmunds. Are you going to be away during that rare DX test? This article explains several methods you can use to turn your receiver and recorder on while you're otherwise occupied. Useful with R9 and A26.

DOMESTIC DX

D12 CANADIAN FAMILY LIFE...IT'S TWINS. Many radio station "families" exist in Canada. This article explains why and give station groupings as of November 1, 1978. Not only are low-power relay transmitters listed, but other stations with better DX potential.

FOREIGN DX

Note: Articles F4, F6, F7, F8, F9 and F10 are based on the ITU plan in effect prior to November 23, 1978. These are to be updated. Contact HQ if you wish to volunteer to redo an article.

F11 ITU FREQUENCY ALLOCATIONS AND THEIR IMPACT ON TA DX'ING, M. Connolly. Trying for TA's on their new frequencies? What are your chances of logging a specific station? This reprint lists all region 1 medium wave frequencies and what should be heard under good conditions. Goes with F1.

PROPAGATION

P22 REVIEW OF SOLAR ACTIVITY FOR THE MEDIUM WAVE DX'ER, R. J. Edmunds. A concise explanation of the Fredericksburg A-index as well as its use in the hobby is given in this article. Goes with P1, P6, P7, P10, P12, P13, P19 and P20.

P23 MEDIUM WAVE IONOSPHERIC PROPAGATION, R. Schatz. This article takes a different approach to propagation and presents new terms and theory. It is designed as a prerequisite to a future article on "Terminator Transit Mechanism (TXM)".

RECEIVER REVIEWS

RR9 PANASONIC RF-4800 REVIEW, Grant Manning. Article evaluates the overall performance of this multiband receiver. Includes schematic and the technical specifications provided by Panasonic.

RR10 HQ-180 SERIES RECEIVERS, Dallas Lankford. Reviews technical details and includes personal comments on the popular Hammarlund HQ-180 receivers. An ideal supplement to the NRC Receiver Manual.

RR11 SONY TR-6500 VS THE TRF, Charles Barfield and Gerry Thomas. Thinking of buying either of these popular inexpensive receivers? This reprint compares them side-by-side and gives impressions.

All orders go to NRC Publications Center, P.O. Box 401, Gales Ferry, Conn. 06335. A full list of NRC Reprints/Publications as of April, 1978 can also be obtained from the Publications Center.

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