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!

CPC TESTS
December 4  KADE-1190 Boulder, Colo. 0200-0300 with 1 Kw non-directional. Monday
May use 52.1 watt PSA last 5 minutes of the test also. The Signer/Arranger is NRGe 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  KPFC-1240 (100 Watts) Pasadena, Calif. 0330-0400 with 1000 Cycle tones, music, IDs. Reports: George Chambers, CE, KPFC, 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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THE WORLD'S OLDEST AND LARGEST ALL MEDIUM-WAVE DX CLUB
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, F.O. Box 3227, Sarasota, FL 33578 (winter address). The latest issue included over a dozen items of interest to NHC'ers, including R-390's, HQ-180's, etc. 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 SW-1 antenna, all for $350, pickup only. (Myron Grey, 1460 Park St. Atlantic Beach, NY (516)-299-3324.)

HAMMARLUND HQ-170 receiver. Excellent condition, complete with manual. $45. (George Mulfinger, WUCN, 25 Springfield Dr., Greenville, SC 29609. (803)-244-3998.)

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

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

DRAKE SFR-4, exc. ex., $425 * (Sapp)

HAMMARLUND HQ-150, new tubes, good shape, $125 *. (Rob Keeney, 9421 Taylor, Overland Park, KS 66205)

FOR SALE - ACCESSORIES

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

B & W # 370 Single Sideband Receiving Adaptor. Exc. ox. 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 ox. Send postcard first to determine if I have already obtained these. 504 each for their flyers, 1961-66. Send card stating what you have. For personal collection. (Mark Connelly, WALON, 52 Amsden St., Arlington, MA 02214)


"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, I 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: SUON (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. So a list hasn't been done in quite some time and is greatly needed.

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

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.


Changes of address include (new address):

Dan Goodlett, 5411 South Avenue, San Francisco, Calif. 94112
Tim Kerfoot, 189 Cedarvale Avenue, Apt. 505, Toronto, Ontario M4C 4K1
Brock Whaley, 616 Haystack Circle, Apt. 86, Orlando, Florida 32808

THEY JOINED

Charles A. Taylor, NASA Box 7015, PPO New York, New York 09560 (Re-join)
Michael W. Scheel, 3403 Jersey Ridge Road, Davenport, Iowa 52807 (Re-join)
Brad Lovett, 421 East College St., Coldwater, Ohio 45828
Jeff Kitt, Box 31, Neosho Rapids, Kansas 66564 (Re-join)

I expect the next edition around the first of the year. 73,
Many good sunset loggings again this time.

FREQUENCY CHECKS

1st Thu. WQPM-1280 w/TT, phonetic IDs en. min. 0106-0110. (KJV)

4th Fri. KEEN-1450 s/cm w/TT 0145. (LVR)

SUNSET TO MIDNIGHT

1350 WDAT FL ORMOND BEACH - 10/30 1816 local spot, then fall

1450 WAMS DS WINSTON-SALEM - off 2015 w/technical problems. (AWL) (KJV)

1500 WSBL WI BELoit - 10/26 2251 w/ID by male ann, then giving

1470 WRTN TX GALVESTON - 10/26 15-1520 s/off mx, then local sx, moderate

1490 WOQG GA BRUSWICK - 11/3 1500 good for 250W @ 600 st. w/ID,

1550 WOVL IN CLEVELAND - 11/4 1445 s/off w/sent. of PM 1445, no SSB. (KJV)

1560 WTON OH TOLEDO - 11/11 poor 1200, w/area ads. (LVR)

1570 WUHT -- -------- s/off, fair looping NW/SE from Chicago,

1600 WSGA NO COLUMBUS - 11/5 s/off noted @ 1715. (ERS) (ERS)

1650 WZQG CA LOS ANGELES - 11/5 1705 w/ID by female anncr, then giving

1700 WSYL AL SELMA - 11/3 1715 strong w/ID by female anncr, then giving

1700 WTKO AL TALLADEGA - 10/31 1715 s/off w/area IDs to 1900 pattern change, then gone

1715 WYXQ KS SCIPIO, NEW YORK - 10/30 1715 s/off w/area spots, faded out before s/off giving way to OPOR/CHLO. (BPS)

1730 WYXQ KS SCIPIO, NEW YORK - 10/30 1715 s/off w/area spots, faded out before s/off giving way to OPOR/CHLO. (BPS)

1810 WHQX KS ORLANDO - 11/5 1645 good for 250W @ 600 st. w/ID,

1830 WYML KS ORLANDO - 11/5 1645 good for 250W @ 600 st. w/ID,

1845 WRKO MD BALTIMORE - 11/4 1645 good for 250W @ 600 st. w/ID,

1900 WTTW NY NEW YORK - 10/30 1715 s/off w/area IDs to 1900 pattern change, then gone

1950 ALOHACASTLE COLOMBUS - 11/11 1645 good for 250W @ 600 st. w/ID,

2015 WSRQ VT WORCESTER - 10/29 1159-1206 fair in RS w/ID, then weaker

2030 WTKO AL TALLADEGA - 10/31 1715 strong w/ID by female anncr, then giving

2045 WTTW NY NEW YORK - 10/30 1715 s/off w/area spots, faded out before s/off giving way to OPOR/CHLO. (BPS)

2100 WALM WI GREEN BAY - 10/4 1615 s/off w/area spots, faded out before s/off giving way to OPOR/CHLO. (BPS)
The 1979 Association of North American Radio Clubs (ANARC) Superconvention will be held in Minneapolis, Minnesota on June 22-23. A full, all-wave schedule 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

Not much of a column this week so I'll repeat some reporting rules, much to everyone's delight. (1) NEVER use both sides of the paper. In order to arrange the tips in frequency order, each sheet of paper is cut and pasted individually in the order received. 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. (3) have a paper with a blank sheet in it so I can fill in additional tips while a paper is sent. (4) In the column, becomes difficult to remember whether Ephram Glotz or A. Badoya 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 this. (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 general basis. The first is quite obviously beyond the capabilities of IDXD-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 column. 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 the point enough. (6) there are too many rules involved in simple things. This is an important rule.

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

The Big 2

JO John Clemmer, Peoria, IL
LCI Larry Fan Horn, Millington, TN
KVI Karl Jeter, Atlanta, GA
AWL Allan W. Luckey, New Castle, DE
PM Paul Mount, Nelsonville, OH
EMS Brian P. Woodrow, Elmhurst, IN
ERL Elliot R. Straus, West Orange, NJ
WPT William P. Townsend, Washington, DC
RA Ray Arruda, Acushnet, MA

TRF, SM2
DX-160, LW, TRF, SM2
HQ-150, TRF, SM2
Mil Surplus, TRF, 600 LW
Radio Duplication
HU-120, SM1
R-390A, 500 LW
SV-122, SM1

535 GRENADA Moune 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 YVQ R. Perija good, well atop w/lively SS mx, several times on 11/8 at 0030 11/1; heard on TRF. (DeLorenzo) Also in on 570, 600, 630, 640, 670, 690, 720, and 780.

634 PANAMA (tentative) ZP19 R. Caaguazu fair in peaks w/rapid, enthusiastic male speaker and some lively SA dance mx 0723-0830 11/6; DF 165 degrees. Believe I have one "Caaguazu" on tape; one minute peaks, four minute fades except for four solid minutes 0730-0750. (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
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 MONTOR.

The log contains information such as schedules, formats, and reception conditions. Station listings are divided into three sections: Europe and Africa, Asia, and the Americas. The log also includes a listing of the new frequency assignments in Europe, Asia, Africa and the Americas.

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.

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HAS A NEW RECEIVER

BILL WURTZ - 32 West 31 Street - New York, New York - 10001 212-256-4592 11/7/78

ERNST COOPER's Musing recently stated "The Iron Curtain still lives." Let me assure all those who are too steel to hear the message gently on my window. I am not now nor have I ever been a Communist, a hope I'm not on anyone's blacklist! In November of 1978 we have gone out for lost or missing issues of DX NWS, and an appeal has gone out for lost or missing issues of List! In September 1978.

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

Area

Vero Beach to Ft. Lauderdale, FL.

Manager

Chuck Morgan, c/o WPRR, 3000 South Ocean Blvd,

Palm Beach, FL 33480

Houston, MS (30 mile radius)

Mike Hepp, Box 7, Houston, MS

Hammond, Calumet, Valp., Rensallear, IN (local area)

John Zondio, 6617 Maryland, Hammond, IN 46323

All KY stations west of I-75!!

All stations west of Rensallear, IN (.local area)

Hammond, Gary, Valparaiso, IN

(30 mile radius)

All stations west of Rensallear, IN (.local area)

John Hoogerheide, 105 Bayside Lane, Brandenburg, KY 40108

Note: Possible 48 hour delay as special trips cannot be made. Patience.

All Pascagoula, MS stations

Chris Baskind, 603 Eger Dr., Pascagoula, MS 39567

New Bern & Jacksonville

Gregg Allison, 908 Christopher Ave., New Bern, NC

(50 mile radius)

Chicago, IL and area

Richard Pistek, 8559 S. Komensky Ave., Chicago, IL

(60 mile radius)

Macon, GA area

Don Davis, 107 Oakdale Dr., Warner Robins, GA 31093

(60 mile radius)

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

Elliott R. Strauss, 27 Devon Dr., West Orange, NJ

(40 mile radius from West Orange, NJ)

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-O approved the construction permit application this month (October).

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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 teams. 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 larger effective cross-sectional area is substituted for the internal one or used in tandem with it by modular 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 corrections for modulations to the receiver are necessary. Signals will be coupled to the small internal loop inductively 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 strip of turns of wire on some supporting structure. The loop is tuned by a variable capacitor connected across the antenna. 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 - 9 ft (2.1 x 2.7 m) loop, for example, is suitable if you have 8-ft (2.4 m) - 4 x 4 - 4 x 4, as it is. Mount the loop on a wall which is in line with the distant AM 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 (skewing the antenna broadside).

To calculate how many turns of wire are needed, compute the area of the proposed loop and use the following formula: N = 242 [Vi/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 there. For your convenience, here are the loop sizes corresponding to an integral number of turns.

<table>
<thead>
<tr>
<th>N</th>
<th>Length of each side</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>60-11/16' (2.05 m)</td>
</tr>
<tr>
<td>4</td>
<td>60-5/16' (1.60 m)</td>
</tr>
<tr>
<td>5</td>
<td>48-1/3' (1.23 m)</td>
</tr>
<tr>
<td>6</td>
<td>40-3/4' (1.23 m)</td>
</tr>
<tr>
<td>7</td>
<td>36-1/2' (1.10 m)</td>
</tr>
<tr>
<td>8</td>
<td>30-5/8' (1.03 m)</td>
</tr>
<tr>
<td>9</td>
<td>26-7/8' (1.03 m)</td>
</tr>
<tr>
<td>10</td>
<td>24-3/16' (1.61 m)</td>
</tr>
</tbody>
</table>

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.

Popular Mechanics (July 1978) via Martin Wishnewitz
VERMONT

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 power at this house is a lot (mono mode) 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 30 caliber bullet through a transformer? (Yeah, now about a 40 foot wire bullet, hi - ETC.) 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 HAMBLIN. Gayle & I are keeping our fingers crossed for them. I'm rounding up info on the base now and will send it when I package it up. The greatest thing to DX this year is the third of November when the NRC Domestic Log arrived. Thanks to all for the best publication ever. It sure has improved since the first edition in the 60's. Now we'll remember it. Current totals: 4/25 states, 7/25 provinces, 18/4 countries. Current total tops: 181 stations, 30 states, one province & nine countries. New DX to report: 10/26: UNK SS-575 w/male & female announcers, sort of a hollow audio foil by 2300, 11:30pm. 10/27: CKW-30 Cuba w/Progressive net ID, mention of Habana Cuba by male announcer, not billed, 7:03am. 10/28: WSI-575 Latin American hot line, if you can believe that one. I never put a good signal in here, but I finally got an ID w/male & female announcers, plus children's choir signing, lotsa KNO & WIC NM. 10/29: 1/40am, EST-990 Mexico, 1/30am, EST-990 Cuba w/many ads. The station was under a station carrying Larry Black Show. Any ideas who has LBS this time of the morning? (Larry King, maybe? - ETC.) 2485w. 10/30-400 Cuba w/continuous light SS voice & instrument, then at the top of the hour, 3. Caribe ID, nice, with WIC on 9. Well, I gotta run. One quick question - do tape sets count toward the NRC awards & if so what is the procedure for submission for the awards? 73s.

SUNSET IS NOT NECESSARILY THE CHILDREN'S HOUR

JOHN MOODY

105 Bayview Lane - Bradenburg, Kentucky - 40106

10/29: WNIN-1010 Deer Park w/gospel mixed, 5:30pm. Good log in WQNR-850 Dubuque w/450 w/5:38, while taking log on MBK-710 a fade occurred & up popped very loud WQNR-710 Superior w/450, nice log taken, 6:15pm. KMAQ-730 Worthington Minnesota, good signal w/615. And, I'm starting to turn to the Autumn mode, lotsa info about KEL-790, Montana #1. Not done yet. KED-730 Goodland, Kansas was in at 7:10. Trying for KROM-730 (dreaming) in popped ECI w/fm Santo Domingo* and phone numbers. At 11:30pm, log on WZQ-1176 R. Casino, Limon, in KS w/m. peak signal. 10/30: KMAQ s/off 2300 w/550m, 12:03am. KOC 5p. IM DX was freaky. 11/1: WAQ-1060 w/5 p.m: WICW-530 w/530: WAQ-590 w/615 s/off; MBQ w/6:30pm s/off, leaving KQW & KERL on 900; KQK w/6:45pm; KJUI-1570 way atop 7:20; way past allowable s/off. SS: S/7:30pm on 1500 w/900 w/6:15pm. Not interesting - lots late for KERI & too early for KOCX & ECI, 238: KOCX, KOC, KOCX, KOCX. WDR. Totals now 841 & growing rapidly. 10/31: WOR-780 atop WDR 730pm: WQIN-800 w/615 s/off; WAVX-1210 Skillwater, 6:30am. I tried 1500 for that 7:30 s/off & lo & behold, it was WQIN, Marked Tree, Ark. & call to station confirmed this. So one hour beyond legal s/off time for both KPC & KLR for any of you DXers who noted them on late. WQIN & WORX both s/off 5:45pm 11/2. Did anyone notice WQIN-1580 forgot to pull AM plug? They were still there at 7:30. 11/3: WDR atop 730pm & KMBZ, KQW, KOCX, KOCX, WDR & WQIN, ECI. 11/4: KQW s/off atop 1220, 6:15pm. WICW-730 w/6:30 s/off. I need help from someone in Wash. or Mont. On 900 w/7:00pm EST, looping into NW, a woman announcing talking slowly w/450 w/m 7:04, KERN or CEWA, or 777? May not left on at that time.

WYATT-1110 38 TEMPORARILY OFF THE AIR

DAN GIEBART - 1005 Greenridge Drive - Kenton, Ohio 43530

Halls from the Valley of Towers. Three local 5,000 w/4 Ak's are located within 4 miles from the house. Summer activity SWX's was limited to building an unamplified loop. Not much listening has been done lately but the new loop has enhanced WYAY-940, WQIR-1370, WEGS & WS50, WUPN & WQOR-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 Ala. were scrapped when the southern part of the Southeast decided to come north for the holiday. WYAY-1110 in Ijamsa, O. has been sold & is currently the subject of 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. It is mentioned as a possible purchaser, either WQIC or the FM outlet. I talked briefly to the CE at WQIC & 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. WQIC-1360 is in Atlanta is being recently changed format from RR to w/t. After a fruitless three hour search in my parents' attic in search of my logs and varies from 1952-1962 I have forever given up hope of ever locating those records. A warning to frustrated "towers" - Don't lose your records when you quit - you will return. 73's.

FM HAS REC'D DX-6-7

WAIU FADER - 23-35 Bell Boulevard - Bayville, New York - 11706

Hi folks, a quickie this time. WAF-1240-TEST heard well WM 10/30 w/450 & some mix around 12:45pm. I'm a 505 area code phone number were heard @ 12:50. UNK TT-1490 12-27-57: 1220 w/SSB after 1340 w/MPX. WAIU-1550 & w/t. WAIU-1550. The past couple of days have had superb Summer-ish FM CO, but WAIU has suffered. "Oh well" I always say. Also, BCB was a real statky & spary, definitely not good CX, so no great loss, hi. Back in 7. 73 - Fades.

15
OUT IN THE LAST 38 DAYS, A GOOD PACE, BUT WEARING ME OUT AT THE TYPWRITER AND FRAZZLING MY LOCAL BROADCASTING CIRCLES I WILL ATTEMPT TO GET SOME DX TESTS FROM HERE. I'VE ALREADY TALKED AROUND THERE; THEY DIDN'T THINK THEIR KILOWATT COULD MAKE IT HERE. THIRTY-NINE REPORTS ARE SPURS OVER 50I, THE LAST WEEK ARE W3ID "PESKY" XES ENGLAND STATES. ROW IN THE WORLD AM I GOING TO HEAR MAINE WAY OUT HERE? (TON IS A ROCKER KH0 133 IT A TRY. (J. A. WORCESTER - R.D. 1 - FRANKFORT, N.Y. FM RAZALS KTTD-FM. -990, TO SOME STATIONS 1 DXED FROM NEW JERSEY. THEN FROM MEMPHIS, TENN. AND ROSS SINCE JULY 1978 FROM HERE IN SANTA FE. AWAY AIN'T TO BE MUCH OF A BOther. I AM IN THE MIDST OF SETTING UP MY RADIO FOR THE COMING SEASON. I MIGHT HAVE SOME MORE TIME TO RETURN CORRESPONDENCE, AND YOU CAN WRITE AND ASK TOY. SPORTS (SEASONAL); FM SAYS LITTLE; READING THE FAMILY TOPS THINGS OFF. HERE ARE A FEW OTHER HOBBIES OF MINE, HOWEVER I ALWAYS FIND THE TIMES TO WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR ANYONE ELSE NOT TO — 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 WRITE A HUE, THEN THERE'S NO EXCUSE FOR AN
WIND NEWS TALK 56

We want you to know

CHAPTER 34 — "THE FASTEST TONGUE IN THE WEST" — BY PETE KOOP

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 on WGOA, as one of the "Good Guys." WGOA though only 5,000 watts rivaled the big voices of WLIB, WABC, WOR, etc., in catering to the teen market. These "Good Guys" of whom are still in the New York area, included Joe "Bucko" O'Brien (now on WRGB-FM), Harry Harrison (the presently morning man of WABC), Jack Speller (currently going an oldies thing on WOBY-FM on Saturday nights, having left WABC after they switched to country music and he wasn't cutting it as the Gayd, Ted and Cowby). Dan Dan (bouncing around various N.Y.C. stations and probably making a fortune with all the commercials & kids-passages that I've heard) and Dean Anthony holding down the graydshift.

Other "Good Guys" who made WGOA big were; Gayd, Ted and Cowby, Goodd and Dandy, Mike and Don of 1060, and the model of fast-paced radio programming. His delivery was punctuated with new bells, machine guns, and other noise makers, making number one in New York. "That's The News You Want To Know," started his career as Symphony Sid's successor on WNY's Birdland Jazz Show, and even has a Masters Degree in Political Science.

I heard reactivated Smashbacks, Name it and Clas it, and naming a bright yellow Good Guy Smooth shirt all in 1960's. WGOA eventually in the early 1960's, overseas and in the US, was able to explore new directions in California on KFRC and numerous other stations. The last time I heard his voice on television, doing both announcing for a popular variety show.

NEXT WEEK: Sacramento member RICHARD WRIGHT talks of early days shown. Then: ANDY HOGG.
Twenty-two million self-adhesive Albanian dictionaries are to be distributed to every home with a diamond-shaped radio, writes Gregor Llambi Shtylla. The programme includes highlights of his Dirge for Zog.

**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. Motors of 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 transmitted frequencies 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 Wiemoe, Peristop, Pikes and Mouy-Parc in Morse. These broadcasts are free from interference from All-India Radio, Apojo, Nippon Hoso Kyokai, Radiodiffusion Gabonaise and the Radio Churchvessel "De Hoop" and Radiodiffusion Gabonaise and the Nippon Hoso Kyokai.

**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 Herts 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:

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**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

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**REPORTERS TO KIUP'S DX TEST INCLUDE:**


**Correction to the Log**

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

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**BBC (...../-...../-..-) Calling...**

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**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)

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**Additions or corrections should be sent to Russ Edmunds, WB2BVR, P.O. Box 127, Boonton, NJ 07005. Info on the NRC ham net should be addressed to Dan Phillips, NAWX, 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 in order to borrow one in the secretarial pool. - 73's de RjE.
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 J to £ 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, All 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 "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. Thoroughly treated 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 gives 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 P4, P6, P7, P8, P9 and P10 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.

P11 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 P1.

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, P5, 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 Mechanix (TXM)".

RECEIVER REVIEWS
R9 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.