



# DX NEWS

*the magazine of the  
National Radio Club*

SINCE 1933

Volume 44, Number 25 Monday, May 23, 1977

## GET TOGETHER

If you didn't heed the advice we gave you last time...there's still time to go West, men (or east if you live west) and make it to St. Louis for the big Memorial Day weekend get together. Headquarters will be Ramada Inn, 216 N. Meramec, Clayton, Mo. 63105 and the dates are Saturday/Sunday, May 28-29. What's up is a weekend of fun, including attractions ranging from the Gateway Arch to the St. Louis Cardinals versus Montreal, walking tours of KXOK, KADI, KSLQ-FM and KFUO.

Room rates for the weekend are \$19-20 single or \$24-26 double (two beds). Make reservations with the motel at above address--state you are with NRC.

To get there....driving from all directions, end up on US 40, a divided expressway. From the east, Interstates 55, 64 and 70 cross the Poplar Street Bridge. Keep left as you cross bridge, follow signs for US 40 (straight ahead). Drivers from west, watch for US 40 at Wentzville, Mo., where it branches off Interstate 70. From US 40...turn off at the Hanley Road North exit, go north 1.4 miles on Hanley Road to Forsyth. Turn left on Forsyth three blocks to Meramec, then right on Meramec 1½ blocks to Ramada Inn on right side of the street. By plane, Lambert Field is eight miles from motel...call meeting room when you arrive for a ride, but let hosts know flight and time in advance if possible.

Hosts...are Walt Breville, 9127 Coral Avenue, St. Louis 63123 and Chuck Wekking, 10531 Kennerly Road, St. Louis 63128.

## STATIC FROM HQ

We at HQ are sad to report the passing away of Martin Yuriga, who passed away recently. Condolences to his wife and family.

Please don't forget to support NRC during the summer! Remember to stop at stations on your vacations and see about possible tests for next season. Also, don't forget to Muse and write about any stations or DX developments you find while out of town!

## THEY JOINED

Charles A. McHarg, 12319 SE 23rd, Bellevue, Wash. 98005.  
John J. Vrablic, Jr., 136 Hannum Avenue, Rossford, Ohio 43460.  
Robert Heckenlively, P.O. Box 281, Yankton, S.D. 57078.  
Richard J. Howarth, 51 Benjamin Street, Fall River, Mass. 02724.  
Dr. Mel Bernstein, 8 William Drive, Rockaway, N.J. 07866.  
Jim Davis, 101 Idaho Street, Travis AFB, Calif. 94535.

## LOOK INSIDE...

For The Lyonoddyne crystal wireless receiver plans from R.M. Tuggle...the 1977 networks of the New York Mets and the world champion Cincinnati Reds... and a tip sheet of how to verify stations from veteran DXer Ron Schiller.

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

# 2 Firm to buy WRR-AM

Dallas Morning News, 5/3/77 via Charles George

By HENRY TATUM

A North Carolina broadcasting firm's \$1.9 million bid for municipally owned WRR-AM was accepted Monday by the Dallas City Council.

Southern Broadcasting Co., which is based in Winston-Salem and owns a dozen stations throughout the South and West, submitted the winning offer for the radio station.

During a closed meeting, the council was given virtually an identical bid from Bonneville Broadcasting Co., a radio chain operated by the Mormon church.

But Crisler & Co., the brokerage firm retained to find a buyer for WRR, recommended the offer from Southern Broadcasting.

Despite the recommendation, Councilmen Richard Smith and John Walton voted against final approval when it was considered in open session.

**SMITH SAID** he did not feel the brokers had proven why one company should be selected over the other.

Southern Broadcasting operates an FM radio station in this market, KFWD in Fort Worth.

KFWD president E. C. (Bud) Stiker said it probably would take the broadcasting company about four months to obtain Federal Communications Commission approval to assume ownership of WRR.

Stiker said Southern Broadcasting has a record of making few changes at stations after assuming ownership, but he declined to predict whether WRR-AM will maintain its all-news format.

In addition to the \$1.9 million, the company will pay the city \$2,158 per month in rent for Fair Park's station facilities until a permanent station site is located.

City officials will give Southern Broadcasting two years from the final takeover date to relocate.

**WRR-FM WILL** continue to operate as a municipal station in the fairgrounds studio.

The broadcasting company also will pay the city \$14,600 a year for using the WRR broadcasting tower, but the lease agreement can be renegotiated after 10 years.

Not included in the sale are the call letters WRR or the FM station.

WRR was the first radio station located west of the Mississippi River and one of the first four or five in the nation. Established in 1920 to provide radio dispatching for the fire department, the station's operators played music between fire calls.

When the station's power was boosted from 30 watts to 100 watts in 1921, citizens began monitoring its signal. The listening audience continued to grow through 1927, when it was licensed for commercial broadcasting.

WRR-FM was established in 1948. It currently provides the only full-time classical music format in the area, a factor which was cited by council members last year in their decision not to include the FM operation in the sale.

## On The Lighter Side Church Organ Tunes In To Popular Music Station

BRIDGEPORT, Conn. (AP) — The organ at First English Lutheran Church surprised listeners by sending out the sounds of Glenn Miller instead of solemn hymns and religious tunes.

It was first noticed during a funeral Saturday.

**THE REV. HERBERT D. Hrdlicka** immediately dispatched two ushers to ask neighbors to turn down the stereo or car radio causing the disturbance. But neither could be found.

The mystery was solved after the funeral when Hrdlicka, who kept listening to the organ for a clue, heard this message:

"You're listening to **WDJZ-AM, 1530** on your dial."

**THE PASTOR WAS** then told that WDJZ was a new radio station in town.

"So I called the station and they told me they were located on Salt Street, about a half-mile away," he said.

Station officials said the organ's amplifier must have picked up the station's transmissions. They said they would soon correct the problem.

**WDJZ BEGAN** operations at 10 a.m. Saturday, just as the funeral began.

The music of WDJZ continued wafting through the church during regular services Sunday. The pastor said the younger members of the



congregation seemed to appreciate the music more than the older folks.

### 1977 NY METS NETWORK

#### Connecticut

Manchester...WJNF..1230  
New London...WNT.C..1510  
Torrington...WSNG..610

#### New Jersey

Newton...WIXL..103.7

#### New York

Albany...WABY..1400  
Binghamton...WNEF..1290  
Brockport...WWBK..1560  
Dundee...WFLR..1570  
Ellenville...WELV..1370  
Elmira...WQIX-FM 101  
Hudson...WHUC..1230  
Johnstown...WIZR..930  
WFLR-FM..95.9  
WELV-FM..99.3  
WHUC-FM..93.5  
WIZR-FM..104.9

Kingston...WKNY..1450  
Port Jervis...WDLA..1490  
WDLA-FM...96.7  
Seneca Falls...WSFW..1110  
WSFW-FM...99.3  
Syracuse...WSYR..570  
Utica...WIBX..950

#### Pennsylvania

Bloomsburg...WCNR..930

#### Rhode Island

Westerly...WERI..1230  
WERI-FM...103.7

Flagship station is WNEW -1130. Most weekday games also on WNYC-830 this season.

Network list via Frank Dailey.

Keep Thinkin LinColn

Keep Thinkin LinColn

**-AM**

**TATUM**  
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 municipally  
 Monday

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From Birmingham  
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 New London..WNL..1510  
 Torrington..WSNG..610

#### New Jersey

Newton...WIXL...103.7

#### New York

Albany...WABY..1400  
 Binghamton..WNBK..1290  
 Brockport....WWBK..1560

Dundee.....WFLR..1570  
 WFLR-FM..95.9

Ellenville...WELV..1370

WELV-FM..99.3

Elmira.....WQIX-FM 101

Hudson.....WHUC..1230

WHUC-FM..93.5

Utica.....WIBX..950

WIBX-FM..104.9

#### Kingston...WKNY..1450

Port Jervis..WDL..1490

WDL-FM.....96.7

Seneca Falls..WSPW..1110

WSPW-FM.....99.3

Syracuse.....WSYR..570

Utica.....WIBX..950

#### Pennsylvania

Bloomsburg...WCNR..930

#### Radio Islands

Westerly.....WERI..1230

WERI-FM....103.7

Flagship station is WNEW

-1130. Most weekday games

also on WNYC-830 this

season.

Network list via Frank

Walley.

Call 404-633-1198 before 11 PM. Deadlines Monday  
 All times GMT.

- 660 AUSTRALIA Byrock 2BY fair 1255 4/26 w/discussion'pgm, // 2NR 700.
- 700 AUSTRALIA Grafton 2NR good 1250 4/26 w/talk on Cambodia. (Tomer, both)
- 719 PORTUGAL Norte in weak w/rock mx then talk 0010 4/25. (Connelly)
- 725 SURINAM Paramaraibo excellent w/calypso 0016 4/23. Fair w/female vocal 0011 4/29. (Connelly)
- 740 AUSTRALIA 2BL Sidney 1306 4/26 in strong enough to be heard u/KCBS; first time heard while KCBS on. Had ABC nx. (Tomer)
- 750 ALASKA KFQD Anchorage good 1200 4/30 w/MoR, SID, then nx. (Tomer)
- JAPAN JOIB Sapporo weak w/JJ play, then pips and NHK ID 1200 4/30. (Tomer)
- 764 SENEGAL Dakar fair to good w/AA chanting 0017 4/23. (Connelly)
- 770 AUSTRALIA Melbourne 3LO 1345-1400 5/2 with Count Basie mx, ABC ID and 6 pips on the hour. (Tomer)
- 780 BRITISH VIRGIN ISLANDS ZBV1 dominant w/local ads, sponsors phone number given; atop SS'er 0018 4/23. (Connelly)
- 800 NETHERLANDS ANTILLES Bonaire good w/man in DD 0019 4/23. (Connelly)
- 818 MOROCCO Rabat fair to good; man in AA 0020 4/29. (Connelly)
- 820 AUSTRALIA 2GL Glen Innes fair 1300 4/26 w/ABC ID, 6 pips, ABC nx. NORTH KOREA Najin tentatively the one w/potent signal hrd 1300 4/26 w/emphatic KK talk similar to that fm N.K. stns. (Tomer, last two)
- 827 MOROCCO (tentative) man in AA noted w/reverb on audio, seemingly // 818, fair to good atop a low growl of hets 0020 4/29. (Connelly)
- 830 AUSTRALIA 3GI way over KIKI w/ABC nx 1305 4/26. (Tomer)
- 834 BELIZE R. Belize on 4/27,28,29 anytime between my local SS and their s/off. (Hogan)
- 840 AUSTRALIA 4RK Rockhampton the likely source of DU-accented EE looping DU 1330 4/26. (Tomer)
- 850 AUSTRALIA 2CY Canberra 1310 4/26 w/nx and wx for New So. Wales, ABC R. 1 ID, then religious pgm. (Tomer)
- 880 UNID SS pgm on 5/5 at 1200, probably XEMO but no ID. (Hogan) Are they all EE or not? (CH)
- 890 AUSTRALIA 5AN Adelaide assumed the source of quiet flute mx looping DU 1245 4/26. Good sig. (Tomer) Or Fiji. (CH)
- 1040 CHINA Shanghai fair in JJ 1215 4/30. This one should be a good bet for a DX'er's first TP, if WHO is no problem. (Tomer)
- 1106 HAWAII KHVH Honolulu fair 1217 4/30; all nx. (Tomer)
- 1200 UNID Opera mx here at fair level 0012 4/23. (Connelly)
- 1265 VENEZUELA Caracas YVOZ here at good level w/operatic male vocal 0011 4/23. (Connelly)
- 1275 UNID Terrific het on WCAU most ntes after 0100 UCT. Any ideas? (Hogan) The low side het is the Cuban and the high side is from R. Coro in Venezuela. (CH)
- 1466 ST. KITTS R. Paradise good w/EE rlg. pgm 0010 4/23. (Connelly)
- 1525 ST. PIERRE ET MIQUELON Good w/male FF vocal 0045 4/29. Loud but fluttery w/woman in FF 0137 5/2. (Connelly)
- 1540 MONACO R. Monte Carlo v'y good w/AA talk 2352 4/22. (Connelly)
- 1555 USSR Khabarovsk 1340 5/2 w/strong carrier but too much domestic QRM to hear much. (Tomer)
- 1571 CAYMAN ISLANDS R. Cayman good w/man in EE during heavy aurora, 0116 5/3. (Connelly)
- 1586 DOMINICAN REPUBLIC R. Union really laying siege to CKLM during aurora; soft LA mx at 0120 5/3. (Connelly)
- WEST GERMANY Langenberg noted w/male vocal, poor to fair with severe fading 2355 4/22. (Connelly)

Looks like everybody has turned their radios off for the season. Dont blame you much at all with the QRN level. Contributors.....

Mark Connelly      Arlington, Mass.      R390A,SM2, wire  
 Mike Hogan      ???, Ind.      TRF  
 Randy Tomer      ???, Ca.      HQ180

Sorry about the missing QTH's....

Keep Thinkin LinColn

Keep Thinkin LinColn

by R. M. Tuqle

Hi Gang!

Despite the rain which is falling outside my window, Summer seems to be here, at least if the number of reports received this fortnight is any indication, hi. This may go down as the first one-page DDXD of the year...

Change:

1380 WMEE IN FT WAYNE, 24h NSP. (JRS-IN)

10000:

1240 WAIN NY WATERTOWN, not hrd by Arruda.  
1280 KVOX MN MOOREHEAD, hrd by Zank, Arruda  
1020 KBCQ NM ROSEWELL, hrd by Schmidt, not hrd by Arruda.  
640 WOI IA AMES, hrd by Sommer.

Never did understand numerical order, hi...

Sunset to Midnight:

540 WRIC VA RICHLANDS, 4/4 2008-2020+ for flood w/C&W/rr vy loud. (DS)  
680 WCAW WV CHARLESTON, 4/1 1837-1846 o/WCBM w/C&W, spots. (DS-DE)  
850 WJW OH CLEVELAND, 4/27 0059 o/WHDH, ID, "Mutual nx&sx Rx Net". (SW)  
940 WCPC ME HOUSTON, 4/21 0028-0030 Clr w/ads, wx, s/off 0030. (SW-MA)  
970 WBLF PA BELLEFONTE, 4/27 2321 fr w/fades, IDs, ad. (SW-MA) (DS-DE)  
1000 CKBW NH BRIDGEWATER, 4/4 1938 loud w/lcl radio auction, WCFL nulled.  
1230 WCOL ON COLUMBUS, 4/18 2358, up w/"And now, another triple play, on WCOL". (SW-MA)  
1240 WDNE WV ELKINS, 4/27 0007 nx/wx/ad/ID "It's time for a change, on WDNE, Elkins". (SW-MA)  
1290 WOMP OH BELLAIRE, 4/27 fair w/s/off 2358. (SW-MA)  
WNLB VA ROCKY MOUNT, 4/27 poor w/s/off 0000. (SW-MA)  
1310 Wbfd PA BEDFORD, 4/19 fr s/off 2345, SID sounded like "Simple and Free--WBFD". (SW-MA)  
1340 Wepm WV MARTINSBURG, 4/25 in w/ID/TC 0010. (SW-MA)  
1380 WTVR VA RICHMOND, 4/2 1908 loud giving lcl WAMS trouble; has dropped C&W, now running equal to FM; schmaltz mx. (DS)  
1420 WKCW VA WARRENTON, 4/18 vy gd w/s/off 2343. (SW-MA)  
1560 WFXy KY MIDDLEBORO, 4/4 2159 ID w/jx, rr; for flood o/u WQXR. (DS)

Midnight to Sunrise:

740 WVCH PA CHESTER, 4/30 0045 noted running PoP w/TT/OC. (DS-DE)  
920 WBAA IN BEST LAFAYETTE, 4/1 PoPing 0053-0120+. (JRS-IN) (DS-DE)  
940 WCPC MS HOUSTON, 4/21 0113-0120+ ET/Dial tone, ID 0114, heavy WPM.  
1110 WGRG VA PITTSFIELD, 4/21 0010-0025+ ET/nx/OC o/u WBT, ID 0014. (DS)  
WHIM RI PROVIDENCE, 4/17 0507-0520 alone w/C&W, WBT off. (DS-DE)  
1170 WCLN NC CLINTON, 4/4 0038-0040, believe this the one ending ET/nx w/ID w/WVA. (DS-DE)  
1230 CKMP OH MIDLAND, 4/11 quickie s/off 0003 o/din. (DS-DE)  
1340 KWLM MN WILLMAR, 4/18 w/rr//FM, KQ10-FM-KWLM-AM IDs. (NZ-NE)  
WIRY NY PLATTSBURGH, 5/3 0427 loud w/rr.atop 0429 w/prono. (PRM-NY)  
1400 WLLH MA LWELL, 5/3 gd 0430-0435 lcl/ncl nx/wx, rr til 5, blood promo, locations, dual ID into ABC nx 0500. (PRM-NY)  
1410 WELM NY ELMIRA, 4/3 0530 s/on w/ISSB o/KQV. (DS-DE) (DS-DE)  
WPOP CT HARTFORD, 4/21 w/tlx, CBS nx, seems to have dropped NIS.  
1450 WPAR WV MARSHBURG, 4/29 0106-0108 s/off, end nx, etc. (DS-DE)  
1500 WURL NC WINSTON-SALEM, 4/17 0038-0110 ET/Mor/rr o/u WTOP. (DS-DE)  
1530 WMBT PA SHANANDOAH, 4/26 0014-0019 ET/rr loud o/u WCKY, ID at end, IC, off. (DS-DE)  
1570 CKLQ MB BRANDON, 4/22 on RS w/C&W, IDs 0140-0208. (NZ-NE)

Reporters:

RA	RAY ARRUDA	New Bedford, MA	SX-122, SM-1
PRM	PAUL MOUNT	New York, NY	RX
DS	DRIP SCHMIDT	New Castle, DE	
JRS	JOHN SOMMER	New Fort Wayne, IN	HA-600, loop
SW	SHARON WATERMAN	New Southwick, MA	HA-600, Beverage
ECR	Ye Ed	New Gnu News Service	

The Lyonodyne\* Crystal Wireless Receiver is a no-compromise application of modern components to the concepts of vintage crystal radio. This circuit results from over two years of study, experiment, and revision to attain the "ultimate" sensitivity and selectivity in a crystal receiver. Performance records bear this out. In a little over a year's operation some 213 stations have been received covering 27 states and DC and 3 provinces as well as Cuba, the Dominican Republic and the Netherlands Antilles. Reception has by no means been limited to the 50 kW stations and clear channels. 1 kW stations well over 600 miles distant have been received during good winter listening conditions. The present circuit is the twelfth version in a series evolving from the original circuit - no doubt more will follow.

Although it has many excellent properties, the Lyonodyne is not being proposed as a replacement for the modern communications receiver. After all, it has no RF or AF amplification stages, and its selectivity falls short of that of a superheterodyne receiver. But rather it is being proposed as a "sporting" alternative. The potential for real DX work is there, and additionally it provides one with the satisfaction of having designed and built his own DX receiver.

## THE CIRCUIT

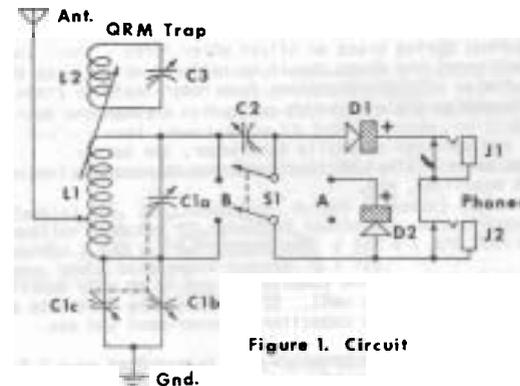
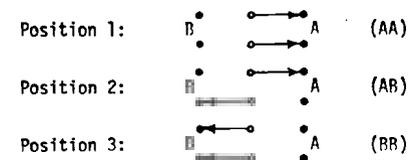


Figure 1. Circuit

The main tuning circuit consists of a low-loss, high-Q basketweave coil (L1) in parallel with one section (Clc) of a three-gang variable capacitor (C1). The antenna taps in near the ground side of L1 (autotransformer arrangement) for best loading. The remaining two sections of C1 (Clb, Clc) provide capacitive coupling to ground. Variable ground coupling increases selectivity at the high end and boosts sensitivity at the low end, producing optimum response over the entire tuning range.

The detector circuit uses two crystal diodes (D1, D2). A special switching arrangement (S1) selects between three useful detector configurations:



\* named, in a light vein by this experimenter, after T. Lyon who discovered the original circuit.

6

Position 1 (AA) is a very selective "floating" voltage doubler detector which is particularly useful at the high end of the BC band, say, above 1200 kHz. Position 2 (AB) is a less selective "grounded" voltage doubler detector which can be used over the entire BC band. It has a little more volume than the floating doubler.

Position 3 (BB) is a conventional single diode detector. Even less selective, it is useful for giving a volume "boost" to weak low frequency stations where selectivity is not so critical.

The variable coupling capacitor (C2) serves three functions. With magnetic phones, C2 can be adjusted to give an optimum impedance match between the detector and main tuning circuits. Using high impedance crystal phones, C2 effectively functions as a selectivity control. Opening C2 increases selectivity, but with a slight decrease in volume. Additionally, C2 isolates the detector-phone circuit from the "hot" side of the main tuning circuit, preventing detuning due to hand/body capacitance effects. (C2 is shorted out in the single diode detector mode.)

The QRM trap (L2, C3) couples inductively to the tuning coil (L1), and C3 is tuned to eliminate an interfering station. The trap is slide-mounted so that the coupling - and hence the sharpness of the null tuning - can be varied.

#### COMPONENTS

C1 : 3-gang air variable capacitor, 300 to 400 pf per gang. No longer commercially available, these capacitors are still quite possible to find. A good source is any junk TRF radio. Units with a reducing gear drive are fine so long as they have an extended main rotor shaft for mounting the tuning dial scale. Construction quality of C1 is important. Consider these factors when selecting C1:

- stator standoff insulation: glass or ceramic best; bakelite or phenolic next best.
- rotor grounding: spring brass or silver wiper forks - there should be a pair of forks for each gang, and these should be soldered directly to the frame. Direct, flexible wire or ribbon connections from rotor shaft to frame should be ok, also. (Don't depend on the electrical connection through the shaft bearings - it's terrible.)
- plate size and spacing: generally the larger, the better.
- plate shape: as near straight line frequency as possible (oblong plates, eccentric shaft mounting), viz.



Rules are made to be broken. The capacitor I use is an ugly duckling compared to others which don't work half as well. If you're in the fortunate position of making a choice between several capacitors - experiment and see.

L1 : 48 to 56 turns of 18-gauge enameled wire basketwound on a 3.5-in. diameter T3-point form. The exact number of turns is determined by the size of C1a. 400 pf requires 48 turns; 300 pf requires 56 turns to tune the BC band. Best to wind a few extra turns which can always be removed if the set tunes too far below the BC band. L1 is the most vital component in the set. Care and attention to detail in its construction will be amply rewarded. Scribe a 3.5-inch diameter circle on a wood block. Mark 13 equally spaced points around the circle 27.7 degrees apart (the points are a little over 13/16 inch apart). Carefully drill holes (snug fit for nails) at the 13 points and tap in No. 16 finishing nails. Wind 18-gauge enameled wire onto the form in the sequence OVER 2 NAILS, UNDER 1 NAIL, and so on, around the form. (Fig. 2) Every third turn should repeat. Be sure the wire is free of kinks, and carefully bend the wire around each nail it goes over. After the required number of turns, shift the coil half an inch up on the nails. Loosely lace the windings with line (36-1b. test braided nylon fishing line is easy to handle and doesn't unravel), then tighten up the lacing until all the windings are held snugly side-by-side. (Fig. 3) Tie the ends of the line, and use a small drop of glue to hold the knot. Gently remove the nails to free the completed coil. The optimum tap position on the coil is determined by the length and height of the antenna used - the longer and higher the antenna, the nearer the tap should be to the ground side of L1. Three tans, 6 turns apart, starting at about 8 1/2 turns from the ground side of L1 should cover antennas of average height and 25 to 150 feet long.

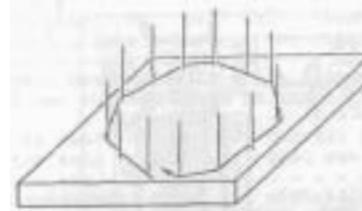


Figure 2. Coil Winding



Figure 3. Coil Lacing

D1, D2 : 1N295 germanium, point-contact, video detector diodes. Select ones with the highest reverse resistance using an ohmmeter. Over 1 megohm is great. Use the best for D1, second best for D2.

S1 : double pole, three position, subminiature toggle switch, International Rectifier TS 211-C, or equivalent. This switch has the special pattern described previously. If not available, a SPDT and a SPST switch can be substituted to effect the switching arrangement.

C2 : 30 pf max. ceramic base, air trimmer. With crystal phones, an even smaller value will suffice.

PHONES : high impedance. Crystal earplug phones are highly recommended. They are very sensitive, have an extremely high impedance and do not load down the circuit. High impedance magnetic phones such as the Trimm Featherweights can also be used - with somewhat diminished results. Note that the phones are connected in series.

L2 : 84 turns of 24-gauge enameled wire closewound on a 2-in. diameter form. A convenient form is a 30-dram clear polystyrene pill bottle. [2 construction was dictated by available materials. From an efficiency-of-coupling viewpoint, the "best" L2 is probably a coil identical to L1 (without tans, of course).

C3 : 365 pf air variable capacitor. See discussion of C1 for selection.

MISC. : phone jack(s) (J1, J2), large (ca. 4-inch diameter) knob with 0-100 dial scale for C1, smaller knob for C3, standoff insulators, miscellaneous hardware, two phenolic boards: 2 1/2 x 1 1/2 (detector), 2 1/2 x 1 3/4 (QRM trap), block for QRM trap base, and a base board (approx. 8 x 12).

#### CONSTRUCTION

Fig. 4 illustrates the layout. Use large wire for all connections - 14-gauge or even 12-gauge. If C1 has trimmers, remove them. Strap the C1b and C1c stator lugs together on both top and bottom. (Ground is connected to this strap.) If possible, connect all wiper forks with a busbar and connect this to the C1 frame. When mounting C1, insulate it from the base with standoffs or nylon collar washers. Locate the detector board (Fig. 5) close to C1 as possible. Mount L1 about 3 inches away from C1 (Fig. 6). The QRM trap (Fig. 7) is mounted on a dovetail base with guide rails. Mount L2 so that it is coaxial with L1.

#### OPERATION

A good antenna is essential for optimum performance of the Lyonodyne. The set operates satisfactorily on antennas from 25 to 150 feet long. More important is the antenna height - the higher, the better. Ground possibilities include cold water pipe, electrical junction box neutral, as well as a pipe into the ground. Cold water pipes have worked best for me, but here again, experiment for best results.

A "must" accessory for DX work is a calibration chart of DIAL SETTING versus FREQUENCY. If carefully constructed from the dial settings for stations of known frequency, this chart should allow one to determine the frequency of an "unknown" station to the nearest 10 kHz at the high end of the BC band and even closer at the low end. Note: each detector configuration will have its own chart

APRIL FOOLS DELAYED IS NOT APRIL FOOLS DENIED By ERNIE COOPER.  
We can't justifiably call this column by its usual name, "April Fuel" this year. This column is too cheap for that expensive stuff!

We've been hearing a lot about Solar Energy for heat. Well, we have a DXer in New England whose DX shack is heated by LUNAR Energy!

Since old radio commentator Gabriel Heatter retired, the only way to relieve the cold in the North-East was to tune in WARM-590.

Out in cold-swept Ohio, our erstwhile DX Down the Dial Duo, Wes and Jerry, did their part by keeping WHOT going strong throughout the freeze.

It was so cold in Rhode Island that nobody would listen to WICE-1290!

But - winter has at last passed, and summer drawers on!

So, let's get to the business at hand - handing out the laughs - like - everybody knows about WFLI-1070 - you know - the station that will test at the drop of a HET?

The author of this witty page wishes to commend ERC heartily for his fine co-operation in saving energy - by NOT using a tape recorder while DXing!

But, when 50kw stations stay on their NSP skeds in spite of the energy crisis, how can we fault Foxy and his "boxy"?

We see WBBC-780-TEST was heard in Massachusetts by Michael Good. Not bad!

We asked a few DXers how they stay awake during their wee-hours DXing sessions. Here are some of the replies:

- "I stay awake by reading the evening paper." -Dailey.
- "I keep going by looking out the window at the evening." -Starr.
- "Me? I do it by counting my Savings." -Bond.
- "I can stay awake any time. I am most happy." -Fela.
- "I remain alert by drinking coffee." -Black.
- "Me? I'm a young guy. I stay awake by eating ice cream." -Cohen.
- "It's easy - I just listen to my receiver." -Collins.
- "I have something very comfortable to relax in." -Davenport.
- "Us? We read 'The Sporting News.'" -Durocher & Gehringer.
- "I just follow my secret." -Hart.
- "I'm not entirely awake - just half." -Nelson.

A lot of DXers refer to "instrumental" music. What is the opposite of instrumental music - instruphysical music?

There were no signs of any TA's or TF's this morning - conditions were just AUful! It was enough to make Oesar Wilde.

On one of his trips, NRCer Frank Merrill passed by daytime WJUN-1220. He couldn't understand why they had their tower light on at night when they weren't even on the air!

You've heard of "Two for the price of One?" Well, here, you're getting two - for the price of None!

Well, Mark Connelly has reported logging Columbia's "Radio Green." Well, they call it Radio Tri-Color - and tree color is green, no?

We just found out that NRC's New Jersey DXer, Alan Davenport has a famous relative in baseball - Johnny BENE!

If Ron Schiller's DXing registers with you, does't Alan Imprescia?

Everybody seems impressed with Harry Helms' even keel! Even Jeff Kadet!

In Virginia, Alan Merriman keeps logging 'em, while David Burr!

Several DXers at this year's IRCA Convention in Indianapolis will be bringing six-packs, but Karl Forth is bringing a fifth.

Just think - if Carleton Lord were to go to England, and be knighted by the Queen, he'd be Lord Lord!

And, if Paul Mount went to England and married a Countess, he'd become Count Mount!

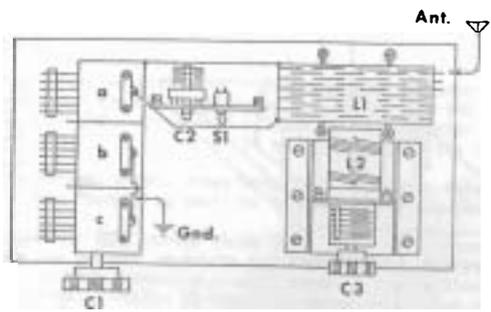


Figure 4. Layout

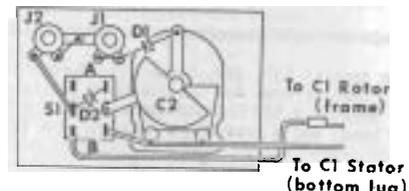
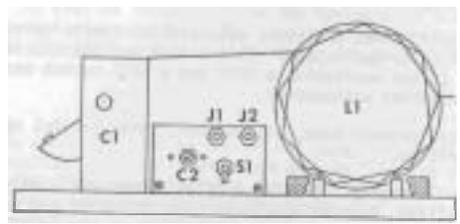


Figure 5. Detector Board

To use the QRM trap, first tune the set to the QRM station with the trap completely removed. Then insert the trap so that it loosely couples to L1. Then tune C3 to null the offender. If the nulling is not adequate, increase the coupling slightly and retune C3. The idea is to reduce the QRM station to an inoffensive level with minimum L1-L2 coupling. Overcoupling will alter the tuning curve, especially near the frequency of the offender. When not being used, the QRM trap should be removed.

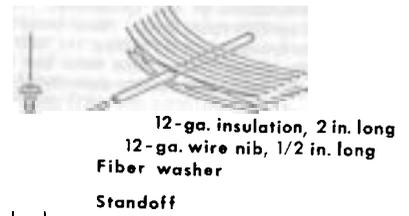


Figure 6. Coil Mounting

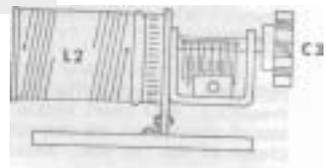


Figure 7. QRM Trap

Speaking of Paul, we have had the suggestion that if he continues to Muse about passé DX, that we print his Musings in "Mothball Memories!"

Eric Fader may call himself "Phadz", but he comes on strong, every week, and he holds the current consecutive-issues Musing record!

A lot of stations have wealthy DJs, but WLFH-1230 has a rich, rich man - RICH RICHMAN!

WCWA-1230 is starting a new program for animal lovers, called "Gary Siegel and his Beagle." It will also be broadcast on WOOF-560.

The NRC has a new young lady member in Taylor, California - Kay Phogg.

If you ever cut yourself and lose a lot of the red stuff, and you feel you need a transfusion - and you want to improve your mind at the same time - why not get in touch with Steve Wiseblood?

Did you know that NRCer Mike O'Shea has a brother who was born while his folks were on a Caribbean cruise? He was born in a San Juan hospital, and they named him Jose O'Shea!

"Go West, Young Man - Go West!" You've all heard Horace Greeley's famous admonition. But, when Don Erickson almost drowned trying to carry out Greeley's message, he realized Horace didn't mean coastal Californians!

Most people buy their postage in the Post Office. But, now you can go to the candy store and get MINT stamps.

There's a K-FOG in 'Frisco - and there's a Harry Hayes in Pennsylvania!

An NBC official in Los Angeles was asked recently when the NIS chain would dissolve. Said he, "I haven't the smoggiest!"

Did you know the NRC has four King's in its membership list, but no

Queens - or do we?

And now we leave you with these words to last you for another year - "Old Verie-Fairies never die - they just lose their ZIP!"

Joe Fela doesn't dig LA DX, but he does marvel at their amazing insight. He wonders how they know enough to stay on the air an hour later as soon as we go on daylight daving time!

In one of Stan Morss' reports, he listed the following musical selection: "Refrain" - from "Listening." He noted he could still hear it, even after he turned the radio off!

We heard about the West Coast DXer who cut his finger badly, but he recovered, because Rick HEALD!

A lot of this stuff is important to Karl Jeter - but it means NUTIN to Chuck Hutton!

We are looking forward, of course, to the LINCOLN Convention, and meeting Neil Zank, and his two brothers, Hank and Frank.

Boy, the morning of all those find NRC TESTS a while back was a great AM for DXing. It was enough to make Kruse woozy.

And did you hear about the DXer who was trying for WANA-1490, but didn't hear them? So, instead of taking Anniston, he switched to Bufferin.

Yes, that was indeed a great day for DXing. Why, that was the morning Jack Hathaway logged WCFL!

One station regaled us with classical music on a recent TEST. Did you recognize the music from "Slaughter on Tenth Avenue?" Well, they played only half of it - called it "Mayhem on Fifth Avenue."

Have you ever taken notice of the fact that stations playing country music get out better than those playing rock-n-roll? One theory has it that it must be that clean, country fresh air.

Or could it be the "natural" fertilizer? From cows' boy friends?

We invited other members to add fodder to this barnyard of corn, but would you believe, out of 700-plus members, only one responded - other than, of course, the corn-fed Musings Editor? Yes, and these next items are from our Maestro of the Mail-outs, Frank Dailey!

Have you heard that KBUL wants to merge with WCOV? Maybe there'll be a Canadian offspring - CALF!

GJCC was recently heard to say on the air "We support our local football team!" Think about it.

Remember when KYW moved from Cleveland to Philadelphia? Now we hear that WAAAX-570 wants to leave Gadsden, Alabama and move to Erie, Pennsylvania. They would then use the slogan, "Erie Waax."

And, another merger is contemplated - KRLD and WEDD - they'd then become KRUD!

And one more merger is coming up. WERE wants to join with WOLF, and then they will ID as WERE-WOLF! (Werewolf).

There once was an editor named Cooper /And so, we put this section whose fingers would often strike a blooper /to rest for another 30 issues But fess up now - pray tell - /or 365 days, whichever comes Could you do as well - if you were constantly in a stupor?/ first. 'Bye!

WANTED: Back issues of DX NEWS. We're looking for several back issues for a collection we're trying to place in a special library collection, and also to fill one order for back issues. If you have the following issues, please send same to Box 127, Boonton, N.J. 07005. In addition, anyone contemplating getting rid of issues from volumes 36, 37, 38, 39 of the BPC offset issues, please consider donating them to the NRC Back Issues Dept, which will be c/o the LAPS. We here in NJ need:

Volume 41 #s 22 & 30 - 2 copies

Volume 41 #s 19, 23, & 25 - 1 copy

Volume 40 #s 2, 5, 6, 7, 9, 10 & 24 - 1 or two copies.

## Country, Talk Shows Richmond Times-Dispatch In WRVA Revamping

Sunday, May 1, 1977

A late-night country music show, in trucking and CB radio setting, will come to WRVA when the 50,000-watt Richmond station does a major revamping in its programming in the middle of May.

"Big John" Trimble, an import from Shreveport, and one of the top five finalists for the past two years in Open Roads Magazine's national "best truckin' disc jockey in country music" awards, will make his WRVA Radio bow at 11:30 Saturday night May 14.

Thereafter, "The Big John Trimble Show" will be aired from 11:30 p.m. to 5 a.m., Sunday through Friday, from an especially constructed studio at Jarrell Truck Plaza, just off I-95, 23 miles north of Richmond, and described as "the world's busiest truck stop."

Trimble will spin country music, talk to truck drivers and other travelers, swap CB stories, report the news from the NBC Radio service, and offer road and weather data.

Other changes in WRVA's programming, as announced by

president and general manager John Tansey, effective May 16, include:

- A night talk show, "View Point," with new-to-Richmond Doug Carrick, to be aired 8 to 10 p.m. Monday through Friday.
- Switching Lou Dean and his "soft sound" to an afternoon spot, 12:15 to 4 p.m. Monday through Friday. Dean is in his 20th year with his 11:30 p.m. to 5 a.m. show.

- Dropping the 15-year-old afternoon "Open for Opinion" telephone show. Larry Doda, who handles the talk show, now will devote full time to editorial research in his position as the station's news director.

A by-product of these changes for the around-the-clock station, will be to switch from Sunday to Saturday the weekly midnight to 5 a.m., off-the-air engineering maintenance service.

The reason: "Big John" Trimble says Sunday is probably the biggest night of the week for truckers, many of them intent on making early Monday morning deliveries.

Trimble has been doing a similar truck stop broadcast for more than two years from KWKH, Shreveport, La. He is a "family man," 37 years old, the father of Johnny, 13; Bradley, 12, and Patrick, 7. He and his wife, Elodie, have been active in boys' programs in Shreveport.

Of the changes, John Tansey reports, "We have done a very costly research study, and as a result of that study, we feel these changes are necessary to maintain our position in the broadcast industry." WRVA in 1975 marked its 50th anniversary on the air, high in the ratings.

### All Reports Good

Tansey adds, "We researched this idea of all-night country music... we knew about WWVA in Wheeling, WMAQ in Chicago, Charlie Douglas on WWL in New Orleans and also WBT in Charlotte. All the reports were good."

"All over the country... nighttime talk shows are

spreading. Our station's power will enable us to get a more diverse audience. We expect to get more different opinions from more different people in view of our broadcast pattern of up to 35 states."

Later, both the country show and the talk series will have toll-free phone service to honor requests from distant listeners.

Somewhere along the line in the research, the name of John Trimble came up, and Walt Williams, WRVA program manager, reports:

"John Tansey suggested I fly down there (Shreveport) with a tape recorder in hand, and listen to Trimble, and see what he sounds like, and if I liked him, to hire him.

"I rented a car and went out to the truck stop and stared through the (studio) window to see how he was doing it. He was talking with truckers, using the CB and trucker lingo, and being a good country music deejay.

Via Kelly Andrews

SO YOU WANT TO PLAY THE VERIFICATION GAME

by Ron B. Schiller

Probably no one has cursed the stations and mailmen over the years more than I have about getting "verifications" but perhaps there are certain methods to increasing one's returns. Much has been written on the subject so I'll try not to be redundant.

I do not feel it is important how LONG one hears a station, rather WHAT is heard that will be identifiable by the station as THEIRS: local ads, public service announcements, DJs names, stations' slogans, timing of spots; forget about song titles, but include them if wished only to denote the TYPE of music.

In addition to the report data, I give a short sketch of what DXing is, noting how many verifications received from that particular state or country. Instead of asking for a coverage map, I make it a point to ASK about their local coverage as well as how far they've been heard. This often elicits information as well as a map! KSAL sent a list of reporters back to 1964; WYLD sent a copy of their furthest report! If I've ever been in the station's town or know someone there, I make "small talk" of it.....anything they might RELATE to! Example, had a dandy barbeque lunch at a place called Charlie Perkins B&B in Cleburne, Texas; when KCLF of the same town verified, they invited me to have lunch there with them next time down that way!

Foreign stations, particularly Latin Americans are much tougher; always report in THEIR language if possible; DON'T use form letters, recopy 'em if necessary but individual reports always do better than form letters. Enclosing local post cards, cancelled stamps and tapes may help, but seemingly not much with the LAs. I've had a little luck with such roughies at OAXA and HIJM by sending a follow up in a Christmas card.

Speaking of follow ups, they are an INTEGRAL part of the Verification Game. I make 2 or 3 carbons when typing my original report. If unanswered, the f/up goes out in 2-3 months (longer with foreign reports) and if the f/up fails, a prepared card goes on the 3rd try (but first, I xerox a copy of my last carbon so I won't have to retype the report. After that it's more PP/cards till they answer! To avoid typing envelopes, use window envelopes, business size and you'll never type an envelope again! I send reports first to the General Manager, follow up to the Chief Engineer, next to the Program Director, etc. USE veris signers when available.

A veteran NRCer had some sage advice in a 1965 musing: "Black lists have existed since the EARLY 30's. There is no such thing as a non-verifier. Since 1923 I have NEVER failed to get a reply from a station. Dick Cooper wrote 'I find it a challenge to track down a station that won't answer me!' I agree 100%. In sports, hobbies, life itself is a constant challenge. If it were not for adversity, there would be no battle. No portion of DXing is handed to you on a platter; you've got to work for it." A DXer once wrote KFMA-1580 a 2 page letter on his business stationery explaining the concept of DXing and got back a fine letter, QSL card and 2 prepared cards!!!

Good luck at the Verification Game!

PRIMARY MARKET	STATION	FREQUENCY	PRIMARY MARKET	STATION	FREQUENCY
<b>OHIO</b>			<b>KENTUCKY</b>		
Archbold	WHFD	95.9	Bardstown	WBRT	1320
Athens	WXTO	105.5	Bowling Green	WLBG	1410
Bellevue	WNRN	92.1	Central City	WNES	1050
Cambridge	WILE	96.7	Corbin	WNES FM	101.9
Chillicothe	WBEX	1490	Cynthiana	WCTT	680
	WBEX FM	93.3		WCYN	1400
Circleville	WNRE	1540		WCYN FM	102.1
	WNRE FM	107.1	Danville	WHIR	1230
Columbus	WMNI	99.7	Eminance	WSTL	1400
Dayton	WHIO	1290	Frankfort	WKYV	104.9
Findlay	WHMQ	100.5	Glasgow	WKAY	1490
Gallipolis	WJEH	990		WGGC	95.1
	WJEH FM	101.5	Grayson	WGOH	1370
Georgetown	WURD	97.7		WGOH FM	102.3
Hillsboro	WSRW	106.7	Hazard	WSGS	101.1
Ironton	WIPO	1230	Hopkinsville	WKSD	100.3
Kenton	WKTN	95.3	Jamestown	WJRS	103.1
Lancaster	WHOK	95.5	Jenkins	WREM	1000
Lima	WIMA	1150	Lexington	WBLG	1300
Marietta	WMOA	1490	Louisville	WAVE	970
Middleport/	WMPO	1390	Madisonville	WFMW	730
Pomeroy	WMPO FM	92.1		WFMW FM	93.9
Middletown	WPFB	910	Maysville	WFTM	1240
Mt. Vernon	WMVO	1300		WFTM FM	95.9
	WMVO FM	93.7	Munfordville	WLOC	1150
Newark	WHTH	1000		WLOC FM	102.3
	WNKO	101.7	Owensboro	WBKR	92.5
Piqua	WPTW	1570	Pikeville	WDHR	92.1
	WPTW FM	95.7	Pineville	WANO	1230
Portsmouth	WPAY	1400	Prestonsburg	WDCC	95.5
	WPAY FM	104.1	Richmond	WEKY	1340
Springfield	WBLY	102.9	Somerset	WSFC	1240
Upper Sandusky	WYAN	95.9		WSEK	96.7
Washington CH	WCHO	105.5	Vanceburg	WKKS	1570
Wellston	WKOY	1330	West Liberty	WLKS	1450
	WROV FM	96.7	Winchester	WKDJ	100.1
Zanesville	WHIZ	1240			
<b>INDIANA</b>			<b>VIRGINIA</b>		
Anderson	WHBU	1240	Gate City/	WGAT	104.9
Aurora	WSCH	99.3	Kingsport		
Bedford	WBIW	1340	Grundy	WMJD	97.7
	WBIF	105.5	Marion	WMEV	1010
	WGTC	92.3		WMEV FM	93.9
Bloomington	WCRD	100.1	Norton	WNVN	106.3
Bluffton	WCRD	100.1	Pennington Gap	WSWV	1570
Columbus	WWVY	104.9		WSWV FM	105.5
Columbus	WCNB	100.3			
Connersville	WCNB	100.3	<b>WEST VIRGINIA</b>		
Corydon	WPDF	1550	Beckley	WJLS	560
Crawfordsville	WCVL	1550	Bluefield	WHIS	1440
Decatur	WADM	92.7	Charleston	WCHS	580
Fort Wayne	WCMX	101.7	Huntington	WGNT	930
Greensburg	WTRE	107.3	Logan	WVOW	1290
Hartford City	WVHC	104.9		WVOW	101.9
Indianapolis	WIRE	1430	Montgomery	WMON	1340
Jasper	WITZ	104.7	Parkersburg	WPAR	1450
Kokomo	WIOU	1350	Wheeling/Bellaire	WOMP	1290
	WIOU FM	93.5	Welch	WXEE	1340
Muncie	WLBC	1340	Williamson	WBTH	1400
New Castle	WCTW	1550			
Portland	WPGW	1440	<b>TENNESSEE</b>		
Richmond	WKBV	1490	Clinton/Knoxville	WYSH	104.9
	WRIA	101.3	Erwin	WXIS	103.9
Rushville	WRCR	94.3	La Follette	WLAF	1450
Scottsburg	WMPI	100.9	Lebanon	WCOR	107.3
Terre Haute	WTHI	1480	Livingston	WLIV	920
	WTHI FM	99.9		WLIV FM	95.9
Wabash	WKUZ	95.9	Nashville	WSIX	980
Winchester	WIUC	98.3			
<b>FLORIDA</b>					
Dunedin	WDCL	1470			

AT LAST!!! The NRC MONOGRAPHS LIST is available. This list contains over 250 articles on a multitude of subjects. They range from copies of articles appearing in scientific journals, to articles appearing in the commercial electronics press to unpublished articles by NRC members. The bulk of the list is comprised of bibliographical listings so that members can avail themselves of the magazines or article copies through any large library. Others are available for sale at a cost of 15¢ per page. In cases where the source materials are unavailable from libraries or commercial magazine back issue departments, we may be able to make copies available thru NRC. We are still awaiting legal advice on this point, inasmuch as our actions might constitute commercial use. A copy of the list is available for a self-addressed, stamped envelope, with 30¢ postage, sent to R. J. Edmunds, 48 Lakeside Trail East, Kinnellon, N.J. 07405. As time goes on, we will be adding to the list, so anyone desiring to be kept informed of additions should please make note and enclose some extra postage. All requests for this list on hand in New Jersey have been filled.



CINCINNATI REDS, INC.  
100 riverfront stadium  
Cincinnati, Ohio 45202

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

**DICK TADAK - 3003 Gleason Lane - Louisville, KY - 50299**  
DX since last Muse has been eager to say the least, but in keeping with the tradition of making KRC type, here is what's new in Derby Town, where on May 7 they ran once more for the roses at Churchill Downs. Going back to MW 4/4: KFGQ-1260 IA w/ID & argon BX on r/c @ 2:10am. On 4/9 WKHQ-990 VA noted on @ 11:07pm for flood BX, noted next night also. Also on, but not noticed & logged (needed, too) was WYKY-950 KY. WYKY was also on 4/8 as I heard them on while only 15 miles from the flood in London, KY. I understand WHLN-1410 KY was on AM 4/8 also, as was WPKY-1560 KY, but neither was heard as I was not home on 4/8. 4/13- WJPI-1530 TN s/off 7:29pm w/peet WCKY nailed. The highlight of the month was KBCQ-1020 MK on TEST 4/25 @ 2:26am for a new state. I called him & sent a report for veris which is almost unheard of for me. 4/27- WURL-1500 NC w/ID surfacing @ 7:53pm. Publishing the bulletin so far has not been much of a chore, with four or five of us putting it together in 2 1/2 hours, on Sunday afternoons. I appreciate the favorable comments to date and the criticisms are being recorded too. The real test will be next Fall when we go weekly! More as it happens - and I'm sure it will.

**STEPHEN FRANCIS - 1620 Lodge Street - Alcoa, TN - 37701**  
Some additional 5:45am s/ons noted during April were WULD-1590, WFUB-1580, WPGD-1550, WDSL/WINW-1520, WFUP/WURL-1130 & WKER-1090; also WFAX-1220 @ 5:30. April turned out to be an exceptional DX month with 20 new ones, this after only seven each in Jan. & Feb. 4/12- WMOG-1490 GA fair @ 2:07 s/off after Braves WC game, normal s/off time is 1:07 w/announcement read o/an instrumental version of "The Impossible Dream". 4/13- WQMI-1490 KY weak @ 2:30 w/rr & "Super ONI" mentions: WFBZ-1450 fair @ 3:59 w/rr & a female DJ. 4/14- WQOK-1070 PA finally w/SSB & s/on @ 6 u/WIBC. 4/16- WTVL-1260 KY s/on @ 6. 4/20- WJES-1430 TN weak w/VIRI @ 7:30 s/off. The new WJAL-1050 SC strong @ 6:08am 4/22 w/c/w. 4/25- KSWB-1020-TEST noted 2:15-3:30 much weaker than expected w/VI & IDs. I presume the c/w was coming from them, too; just too weak to be certain. I bet there were some unkind remarks leveled toward KDKA from DX shacks throughout Eastern EA between 2 & 2:10 when they were teasing with that RS tape & appeared to have gone MSP. I know I contributed my share, hi. Earlier, @ 1, CHNH-1100 was heard w/s/off & NA for Cu a \$50, thanks to 3ME being off & Cuba still on Standard Time. At 6, WDOV-1440 MI atop w/SSB & AM/FM s/on by woman. 4/29- WHEX-1490 OH poor w/AM/FM s/on @ 5:29. 4/30- The new KOJQ-1560 Iowa City was discovered @ 5:30am w/oldies & weakish signal; I really hope it stays that way. At 6, WKAY-1490 KY good @ s/on, just before local WKVJ returned. The 1490 totals have gone from 24 to 40 in the last ten weeks, thanks to WKVJ's dropping AM. I believe they have the shortest s/on around: They come on @ 4:59:58 (5:59:58 SMT & Sat.) w/s taped "WKVJ Knoxville" just ahead of the NBC NK sounder. That's cutting it about as close as you can. MM 5/1- HJEX-1110 weak @ 5:48 w/R. Raloj ID during WIT SF; WKDQ-1000 NC good @ 6:15 am. MM 5/2- WJFL-1490 MS fair 4:23am w/rr; unID SS-1160 @ 5:34 w/La Vos de Suramerica IDs & EST TCS. That's it.

**TED FLEISCHAKER - 3023 Trenton Drive - Louisville, KY - 40205**  
Not too much to report from this end, but I thought I'd better Muse & at least support this column, which I hope all will do. The first weeks at LPC were busy ones, but it was easier than I thought it would be & I have even found time to DX some. The KBCQ TEST was in here very well, once somebody finally got KDLA to stop playing records (who called 'em?) & so I hope to get my NK veris I need so bad. My other BK logging is KOB, but I didn't get enough to veris. I have been enjoying also getting set for the upcoming FM DX season and I hope for a good one there, if I can find the time to get to the dials enough with all the stuff going on around here. I just added another account to my public relations business and that will also take some of my time. Also, I am still interested in swapping some air checks with some members (especially WC folks) so if interested, please drop me a line. Thanks to earlier similar pleas here, I have been swapping with Phil Boerema and I started this seek with Jerry Robertson - proof, Ernie, that Musings (like classified ads) work!  
**DRIVE YOUR LINCOLN TO LINCOLN - OR, IF YOU DON'T HAVE A LINCOLN, THEN GET THERE BY ANY OTHER MEANS AT YOUR DISPOSAL SO AS NOT TO MISS OUT ON THE FUN!**

**RUSSELL J. EDMUNDS - Box 127 - Boonton, NJ - 07005**  
Greetings again, folk. DX activity here has been restricted to SSB, but since I've DXed about three of those over the past 17 years, I'm due for it, and there's a lot to be heard. It's gotten to the point where there's nothing new to be heard daytime, little before midnight, and only an occasional one @ 3SS except for Sept.-Jan., so here goes. New catches are asterisked: 4/13- WJLQ-1290\*, ex-WXKZ w/talk; WALS-1590\* w/IX promo for SN; WSMH-1590; WGBS-1590, the latter for new tapes. 4/19- Much-wanted WAKR-1540\* simultaneous w/CHIN s/on. 4/21- WYBS-1470\*, ex-WDFW. 4/22- CFOX-1470, not heard in years. 4/26- WHAG-1410 & OPHN-1410, latter w/O'G & SSB! 5/2- WHPY-1590\* on RT/OC w/many IDs 5:30-6am, also W3IO/WOOR s/ons on 1590 for tapes. 5/3, on 1410: WDOV, WHITE, WIKI, WL3H, all for tapes. 5/4 on 1390L WAOB, WRSC\*, WFLP for tapes. WFLP is also apparently Mutual. Also an AINX there, I believe WRSC, also not listed so in Log. WRSC s/on w/Cat Stevens' "Morning Has Broken", kinda interesting. Also correct log on WAWZ-1380, which s/on immediately after WEXX s/off sked, not 2 hour later as listed, drat. (6:00 or 6:30? -KAC) WFWC-1590 s/on w/insipid "Happy" song, rooster crows, twangy SSB & twangy announcer. WTR-1250 (local) uses some chimes, while announcing about "Revolutionary Morristown". I figure that systematic SSB should keep me busy throughout the summer months if OX hold up. The last week of the month or so is kinda poor, though. More stuff next time. 73.

**THE UN-ID DEXER - 22 Carroll Court - Bridgeport, CT - 06607**  
KII. Welcome everyone to Daylight Savings Time! (Yuck!) Unfortunately, my DX activities were pushed aside for the time being. My new job demands getting up EXTRA early. With the new hours and then the hour difference for EDST, well, my body-clock went wacky. It will take a while to get used to. Some varies however did make it in OK: WALK-1370 NY w/1 inside 9x11 envelope containing promo for WALK & later WRIV; CKAC-730 Que. FF v/1 finally for FF report & tape, also GM. WEME-1070 NJ returned my cover letter signed by GE verifying report; WELC-1080 KY (Bay, Louisville!) OK w/info verified. This was picked up 3/5 behind WTIC @ 1:05am; WGBS-710 FL was heard w/test on 4/11 @ 2:12am behind WOR's silent test, v/f. No sooner do I drop a f/up in the mail for WJUS-1150 KY, a v/1 arrives. F/up is also verified. WADZ-690 CT finally veris w/v/1; and last but not the least, a new province, CHNH-1190 PEI after f/up, v/f. Veris contained original and f/up reception dates. Total now 233. I'm up to TOX returns for this season. A tip for anyone interested, WUSB-1490 is a toughie to veris. 88's minus 15.

**RAY ARRUDA - 48 Woodlawn Street - New Bedford, MA - 02744**  
Cliff Heno of KMXH-1590 informs me that they will be getting a new XR & the Doc may be doing some EPs within the next 60 days during early morning hours, which would be towards the end of Summer. No other specific details. He would also like me to pass along this bit of info for those having holdouts to both calls, KTUF & KMXH. Send your f/ups to him because he has access to KTUF logs that go back almost ten years. Some recent DX, all times are AM MLT. MY 4/18 brought a new 1600 in WVEP in/out most of AM but very weak. EVOX-1280-TEST seemed to be on with almost continuous TT way u/GJJD/CJMS 3-3:57. No audio heard, but I stuck my neck out & sent tape for GE to listen to. Wed. AM 4/20- WATH-1240-TEST tried, but nothing positive heard, even though traces of TT noted 12:10-12:40. MM 4/25- KDKA ruined KBCQ-1020-TEST absences with an all-ex ET, then OC from 2:23-2:32 w/some weak unID T2 way under that stopped at 2:32, but no audio. I really wanted this one. Maybe next time. I got up 5/2 for KAOL-1430-TEST from 2-2:30 with no luck as my biggest problem came from adjacent channel JSM/splatter from local WBBH-1420. Veris are back from WVIC-540, WRFK-1060 WKAQ-1060, WNDK-1260, WCMY-1430, & WERH-1590, all v/1. 73.

**SIAM BRADD - 1433 5th Street N. W. - Calgary, Alberta - T2M 1G1**  
Hello again from balmy Alberta. Did anyone catch the CJGX-940 TEST? It's regularly in here at the foot of the CP&C tower, but it sure didn't make it on the appointed day. Got to fear, KERS, also 940, was also teasing & I caught it instead. Like everyone else this side of Newark, I got the KYNE TEST. I wonder how many of you Book East added a new state? Hey Neil & Gary, play it quick & dirty & claim WABC, Lodi, NJ. While I'm commenting on other members' Musings, I might as well tell Carl Mann where all the Iowa DEXers are. We're alive & well & hiding in Alberta. At least one Westerb Iowan - me - formerly of Sioux City (Kansas City, Carbonide, IL & Bellport, LI - It's better when I say it) & one Eastern Iowan - Rog Lewis formerly of Collings Radio are now in Calgary. Recent catches here include KXYL-610 & KDR1-650 (first Hawaii) on 5/14, KFS-790, KTAC-850 & KYEM-1260. We're going to try to make it to LINCOLN this Labor Day. I hope to meet many of you then. The LADS have a tough act to follow but the 4/11 issue made it look like they may just pull it off. 73.

GEOFFREY L. PARRISH - 6211 Malloch Drive - Memphis, TN - 38138  
Well, the DX season seems to have finally wound down, but not before an extremely successful DX year. I have only one new logging in the last two weeks, so something must be slowing down, hi. I have heard almost all TESTS in last month or two - WAKE-1500, WIGW-1490, KTXJ-1350, WCMY-1430, WCFK-1600, KVOX-1280, KBCQ-1020 & KAOL-1430 were all reported. Other than that, I have mostly been "cleaning up" on stations heard but not previously reported. Almost 90 reports went out in April. I'm now in the process of re-DXing a lot of stations that never came back. Speaking of which, has anyone heard from CJGX on their TEST yet? They said, during the TEST, they would verie reports from it, but I'm still waiting. I think we've been had. Totals, to date, 1,102 heard, 759 sent, 478 veried. In case anyone's interested, #1,000 was XE R-1030 on 3/21. Also I finally counted up taped IDs & have about 500 of those. Nothing much else to report, so I will close up for the Summer now, hi. 73s.

STEVE PONDER - Box 22635 - Fort Worth, TX - 76122

It's that time again! The Summer static has again won the battle. Latest veries: v/1- KCLV-1240 (also w/GM). v/q- KH0W-630, KFBK-1530. Latest heard: 4/24- KWAM-990 u/KNIN w/s/off @ 8:30pm; KWHN-1320 o/KKXZ w/s/off @ midnight. 4/25- KWTO-560 o/KLVI/KLZ @ 12:15am; KFEQ-680 o/KKXZ @ 12:35; KNER-680 u/KFEQ/KKXZ @ 12:45; KNOV-1490 (at last!) @ 1:40; KLNQ-1490 u/KNOW, topped w/NIS NX @ 1:45; WWVA-1170 w/KVOO off @ 1:56; KXXO-1300 topping @ 2:10; WJPR-1330 on top @ 2:10. 4/29- KCOM-1550 u/KUAT/WOKJ w/s/off @ 8:30pm CDT; KNCG-1320 o/KKXZ w/s/off @ 8:44. 5/1- Guinea-1403 possible @ 1:30am. 5/2- KYXX-920 u/KARN & unID TT @ 12:20am; WROA-1390 on top @ 1:08. Good DX!

MARTY WRIGHT - 1913 Jeanette Lane - Springfield, IL - 62702

DX is terrible lately during what little time I have had at the dial, so I'm writing a Muse about verifications. I just recorded a milestone in my log - verification #300 the WAKE TEST. Since I have logged 400 to date, that makes an even 75% on veries. Also, 106 of my veries are for stations of 1,000w or less. What makes for a good verie return? Well, here are a few tips on how I report. First, be neat and concise - give adequate program data to prove reception (not too much of this; just enough for proof). Second, include all the technical info you can - signal strength, fading, QRM, CX, readability, etc. Let your report be heavy with this info. Third, this is all-important - be courteous, be polite; extremely courteous, especially when you request verification. In requesting veries I usually use something like this: "One of the reasons for this report is my hobby, which consists of listening for hard to receive signals, offering proof of reception, then receiving verification or confirmation in written form from the reported station. I will appreciate very much receiving a verification from ----. I thank you in advance for your thoughtful action." "May t is report be as valuable to you as a verification is to me. Again, thank you." This takes a bit of time, but pays off. Always include return postage. Never use prepared forms. Never demand. I have not found it necessary to send many f/ups but the same courtesy should be used in a f/yp. In closing, don't be discouraged when reports are slow. I have received them over a year after reporting, with no f/up. Veries are just a bit slower now than a couple of years ago. In 1975 I averaged over 90%. I am back at WGVN now (NSP) as NXman but am now on a five-day week. I hope these tips are helpful to some - especially our new members.

ROSS E. HANSCH - 5013 Risser Road - Madison, WI - 53705

I logged KBCQ-1020-TEST from 2:50 to 3:01am on 4/25. On the Time controversy - One man's opinion. International Radio is announced in GMT (CUT), WRHB is written in CUT, we should use Co-ordinated Universal Time. The Local Twenty Four Hour Clock - I have heard no US stations on the BCB using 24 hour clock; we should not be reporting to BC stations in it, we should not be logging in it. I have only two clocks in the radio shack, one on UT, the other a 12 hour clock on ELT. As four American time zones is too confusing, I consider ELT the logical for domestic work. Why we adopted the 24 hour military clock in part I'll never know, as a DXer I think in UT, we can't think properly in two 24 hour clocks.

WARREN E. GREENBERG - 145 Cottage Road - West Roxbury, MA - 02132

While in Europe I did some DXing but not as much as I wanted because of lack of time. The only US station that I was able to hear was WCBG. The other EE-speaking stations that I heard were the BBC from Geneva, Switzerland, R. Tirana from Milan, Italy, the London Broadcasting Co. from Geneva, and the Armed Forces Radio from Geneva. The RM in use was a Realistic Patrolman. WCBG was heard from Florence, Italy. While in Europe, I received two new veries. The first from CFQO Ottawa, and WOKO, Albany, NY. (Warren Greenberg was the "David" Greenberg at my GTG on 4/2 - sorry, Warren - a slip of the typealizer - ERC)

MIKE SAPP - 1902 York Drive - Woodbridge, Va - 22191

Since this is my first Muse since joining the NRC, I guess an intro is in order. I'm 27, single, a manager for McDonald's, and have been DXing for about a year after a seven year absence. Since 8/76, almost all of my DX has been on the BCB. Equipment here is an SPR-4, and an R-390A-URR, and various antennas and other gadgets. I'm in the process of building an FET Alt-avista loop. I really enjoy the antenna and receiver manuals, as well as all the reprints I ordered. Ole GPN seems to really know his stuff. I have a longwire antenna that is fairly interesting. It is 100' of #8 wire rotor cable with alternate ends spliced together, fed with high impedance mic cable. It seems to have a lot more gain than a 100' LW. A multi-folded LW I guess you could call it. Any comments? Regarding Stephen Ponder's comments on the McDay-Dymek DA-100. The one I have does a fairly good job on the BCB. It will not match a good 100' LW or loop, but for an apartment dweller with limited space it makes a good all-around antenna. It is a very good looking antenna, but price seems to be prohibitive, \$125. Due to the varied hours I work, I don't get to DX as much as I would like, but that situation seems to be looking up. 73 & good DX. I am a relatively new member & I find Musings the most interesting column in DX NEWS. (welcome to Musings and the NRC, Mike! Thank you for the kind words, and please join us here regularly! -ERC)

MICHAEL L. HOGAN - 9224 Cottage Grove Avenue - Highland, IN - 46322

Station #1 for the month of May came in the form of WMOX-1490 on 3/5 @ 5:58am. Reports are out to CJJD, KVOX, WIZZ & WMPX. It seems like I've finally decided to start 'paper' verifying stations after only collecting 39 'paper' veries to this date (3/5). My tape verified collection stands at 229. Total verified, 229 & 39, or 268. Total stations heard are now at 635. I just want to add my 2¢ in congratulating the NJPC for the fine work they did in putting out DX NEWS. I do appreciate what all of you have done. I myself am in a position to know what you went through. I am presently on the publishing staff of W.T.F.D.A. (Worldwide TV-FM DX Association); but all in all I think publishing a bulletin helps put one closer to the membership and the hobby. I'm quite sure that the LADS will do a fine job, too. 73s & keep your DX wheels turning. RM 114

ARNIM LITTEK - Box 460 - University of Waterloo - East 4 - Waterloo, Ont.

About time that I came out of the closet. Now if I shut the door behind me, maybe I'll stay out. DX around here was an unheard word till about a month ago, when a WAIT-820 verie drifted in after a year on the CE's desk. Interest has since resumed, with about 15 letters out, and WOOD-1300, WAKE-1500, WCMY-1430, WCAZ-990 and WMBB-1060 all back. If anybody has noticed, my address has changed, at least for the Summer. Last term, Sept.-Dec., I didn't even have it changed, but DX NEWS just came three days later. On recent visits to Toronto (girlfriend) I looked up a couple of NRCers and maybe a "TAB" is in the offing. I found it amazing that somebody like Mike Whelan or Jeff Kay can actually hear anything through all the QRM/QRM. By the way, ERC, Mike is the author of your two past "unsigned" Musings. Another happening during my wanderings of the past few months were visits to CF0S-560, CKNX-920, CHIN-1540 (during an X. breakdown) & CKEX-590 where I might get a job, in the very near future. However, when I asked CE Bill Onn about tests, or even SPs, he had nothing to offer. Last PoP was when they signed on first. Curse the AN-7! 73s.

JEFF COHEN - 1110 Tanbark Lane West - Jackson, MI - 49203

Greetings. Veries are still quite slow, but a few are in. WLCX-1490 verified my reception of their cueing remote XR on 1606. A nice v/1 & a bumper sticker. CE & Manager said the call is KD-3367, which wasn't used that AM. Poor guy was worried his signal was going all the way to "Mississippi". Too bad I'm only the next state over. A common mistake. The zip usually gets those here. CKY w/v/1 & sticker, WMSN v/1 for ET of 3/14, same date as above DX. KFVS v/1 for r/c of 8/6/76, KAAA for report of 8/25/76, which I swear I never sent - spooky. WBUK verified my reception of 12/30/76, the night after I missed the NRC TEST. They were testing again for some reason. I sent a letter to WJCC here in Jackson about a possible DX TEST. I have had second thoughts, that maybe I wasn't supposed to do that, but have the CPC do it instead. It must have got the circular file, but it was a well written, and informative waste of a stamp. I thank ERC for the GTG, & I wish I could have hung around. After driving eight hours to Stoughton, then taking off for Provincetown, I wasn't at my best. I have my ham XR going now. After five months of deliberating my colleague & I discovered two tubes were switched around. It was like that when I got it, but what a feeling that is. More ME DX soon, hopefully more veries. Only newies on trip through NY were WTLG Utica, and WROW for novelty; I guess I won't log them. 73s, hi Charles G., & good DX.

AS THEY SAY IN PHILADELPHIA, "JIBO." "WHY IS IT SO GREAT?" WHAT? WHY THE N.R.C. CONVENTION, OF COURSE! HELD IN LINCOLN, NEBRASKA, 9/2-3-4-5!

JIM CRITCHETT - 1635 Walbridge Street - Red Bluff, CA - 96080

Report and comments on reception from 4/5 to 4/25. Wed. 4/6 @ 4:38 EST on 1250. WREN, the "Jenny Wren Flour Station", formerly at Lawrence, KS, now Topeka, an old favorite heard with KIAC. At 10am on 910, KBNJ, Caldwell, ID heard u/KNEW; religious programming. Sat. 4/9 on 1440 I thought I heard KQRS w/KEWI, but no location given, and at 5:36 West Texas State University was mentioned, so I had KPUR, but no ID for Amarillo. SM 4/10 KODL-1440, The Dalles, OR had the Seattle Mariners delayed BB broadcast to 4:53; off @ 4:54; on @ 9am. I still keep trying to hear my closest regional, 1440. After KPRO goes off @ 4 I get KEWI, XEAI, Japanese language on (JOWF?) & two others. I can drive for thousands of miles on freeways and highways, but when I get on city streets I get clobbered. I started across a one-way street in Manhattan Beach when the right front fender got smashed. We were both bruised, but not badly. \$2,000 worth of damage to the Pinto, and the trip postponed for probably a month. I rode the buses ten hours; no great fun, either. I will fly to get our car when it is ready. I may continue the trip - uncertain yet. Back to DX: MM4/25, 2:08-3:05 on 1020, KBCQ came in quite well on their DX Special program; KTNQ, Los Angeles, milled well. At 3:30 EDT on 850, KHLO, Hilo, IDed w/KTAC; no CFVR yet. At 4 on 860 a relay IDed GBU; which of the 20 was it? Off @ 4:03. Another there, but not KONO-type; and bad tone het. I'll keep listening, and reporting, and travelling, we hope. 73s.

DARIO MONFERINI - 8 Davanzati Street - 20158 Milano, Italy

Ciao to all. A serial of strikes has almost ~~ended~~ the mailing service a "catastrofa", hi! However I have got regularly all numbers of DX NEWS. I will soon search here if there was unreplied questions about TA listens. DX NEWS #20: 557 unID @ 11:04pm EST surely DDR IR, they s/on @ 10:45pm EST. And before channel 557 it is free from European & only station hearable here in Italy is the superpower Iranian from Qazvin on exactly 558. 782 request by Eckman "why" DDR play National Anthem @ 6pm EST? Well, here is the reply: They play the anthem 'cause at this time many frequencies are closing down (for example 557, 558, 1570) and after the anthem they start with the common night service over all frequencies remaining opened. DX NEWS #21: I assure over 1106 there is the night service by Egypt naturally together with the AFN Munich, West Germany. 1196 @ 1:30am EST there are on the frequency the VOA Munich and the low power Portuguese located at Port-alegre (I suggest this was your unID, Hayes). DX NEWS #22, Musing space, Bruce Boomer, your 746 unID I suggest also possible Bulgaria, which s/on @ 10:30pm EST. I am in regular contact with Rutton & if I have interesting items I send to him. I hope the new ITU Plan 1978 I regularly send to Connelly will be useful to all of you, if you have any particular item about that list please write to my address. Before to talk a little about my DXes I write here a few items which may be of use. From a few weeks ago it is noted a new AN service every night - Radio Zagreb second program over 647, 710, 773, 1484. This is not the only hit of the month, the DDR Radio on 1043 seems to be again 24 hours sked, seven days a week, after two weeks of silent period @ 7pm EST till 8:45. The DX season has been very good here during Feb. & March. 2/2 I heard over 900 thanks to silent period by my local RAI-899, Air Cuddapahk, ID loyal at 8:15pm EST, and NX; Qatar-952 s/on 10pm EST. 2/11 - 1160 w/Radio France SP I heard R. Aeropuerto, Soledad, Colombia. 2/14- 1020 a rare opening w/strong signal from R. Calendario w/a special for Orchestra de Maracaibo. 2/16 was a very good NA night. Noted strong CFGM-1310 @ 8:32pm EST. 2/17, I had an unID over 1330 may be WPOW 'cause was religious. The opening to the NA was here during the period 2/16-2/20, & started again 2/28 till 3/8. Best results, in next issue's Musings.

ERNIE COOPER - "The Cape Tip DXer" - 5 Anthony Street - Provincetown, MA - 02657

Veries: WFKY-1560, tiny letter & business card; WNSR-1360, local, ex-WLIN; WMRB-1490, says 'twas definitely they I heard on Atlanta BB late game, making the total now 4,045. I type this the AM of Tues. 5/10, with the temperature in the mid-30's, the wind howling at galeforce, and the power out on the entire cape, & it's getting colder in here by the minute, with no heat. This is also the first issue of DX NEWS typed by me wearing reading (typing?) glasses. Getting old, ach du lieber. DX: 4/20, semi-AU; TTs on 1490 1:20-1:22 & on, & on 1410 @ 2:12, & on 1370 @ 2:22-2:27 & on, nothing IDed. 4/21- On 900. Call sneaking in u/Canadians, not enough for a report. 4/22- UnIDing TT-1590 1:09-1:36 & on. Then I took a second report on NSP WQIQ-1590, & sent the report to the AN host David Sinclair, I made it out to be. Nothing back yet. I noted Boston Bruins' hockey on a 1490 unID outlet, likely WTUV. 4/23- TTers on 1550 & 1570 around 1:25 & going on & on, and a loud OC on 1590, plus TTs on 1460 & 1270 around 2am, again, no IDs on any of 'em. SM 4/24- S/off-NA on 1115 @ 12:57, too late to hear s/off message. Same thing on 890 @ 1:09, an NA on piano & off, again I was just in time to be too late! UNID SS u/WINS-1010 @ 1:22. MM 4/25- No KBCQ, but much KDKA & R. Margarita. Cl mx on 1140 @ 1:53 (Brams) & a loud rr on 1590, likely WGOE. UNID TT-1310 @ 2:31. 4/26- UNID SS-945 1:10-1:38, some U.S. MoR. Unn XEW-900 in pretty good @ 2:02, & R Capital, Venezuela, 710, s/off 2:05. 4/28- unn KKAA-1560 Eting @ 2:09. SM 5/1- R Mil-1180 is back again for the summer thanks to EDT, in 1:39-1:59 s/off. Likewise TIQ-1175, s/off 2:02. WKIS-740 noted calling itself "Community-Conscious Kiss," & a Boy Scouts plug @ 2:19. Are they listening at such an hour?? MM 5/2- Another "old friend" is back for the DST period in XEVIP-1560, in 1:51-2:09 s/off. UNID Tter on 1490 @ 2:13 when I suddenly remembered the KAOL-1430 TEST & turned there and bagged it thanks to the CW IDs & TTs! WIRE was heard there for the first time in two decades by me, along with perennial CKFH, both c/w. 980 was clear all the way to Ohio (hi) & unn WONE, c/w, was in @ 3:28. Then I noted & logged HJLD-1500, R. Tigre, apparently AN-ing @ 3:50-4:17 for a report. Then a brand new unlisted Colombian noted on 160, also on AN, a "R Suramerica" in Bucaramanga, & report sent them also, 4:24-4:51. C U N 28! WE TRIED ONE PAGE WITH THIS ELITE TYPEWRITER TO SEE IF IT IS LARGE ENOUGH PRINT. IS IT?

CHAPTER LI - "THE BALLAD OF CARROLL SETH" - by JOHN CALLARMAN

1. In Buffalo the NRC shows  
Pop and Ralph and Bob and they're all  
Fine DXers as everyone knows.  
But none so eloquent as Carroll.

2. He twists the dials for DX foreign  
Fraom Zanzibar to Athabaska  
But still his wall he can't adorn  
With QSL card from Alaska.

3. Neither KINY nor KJAR  
Has shown up at his dials  
So any voice from up that far  
Would bring upon his smiles.

4. The NRC's own laureate poet Juneau.  
Has searched for Fairbanks, fished for  
His sparkling eyes would simply glow at  
Just some TT from Ketchikan, you know!

5. Despite his sad luck with the North  
And scorn, I'll add for home DX  
In DX NEWS he sallies forth  
With pleasant poetry, not complex.

6. So to Buffalo, I point my finger  
(And filled with awe and deep of breath)  
I turn into a minstrel singer  
To sing the song of Carroll Seth!

NEXT WEEK: "OLD FAITHFUL" HAS SOME MORE DX MEMORIES FOR US. YEP - 'TIS RON SCHILLER.  
We again B-E-G other DXers of long standing to send in some Mothball Memories! The well has about run dry from Ye Editor - hence, the call for H-E-L-P from others who remember the good old days and some fascinating DX experiences. P-I-E-A-S-E!

TORONTO BLUE JAYS' BASEBALL NETWORK, from MIKE WHELAN

Play-by-Play announcer: Tom Cheek. Color - Early Wynn, ex 300-game winning pitcher.

920 C K C Y	Saulte Ste. Marie	1230 C J T T	New Liskeard
950 C K B B	Barrie	1250 C K J D	Sarnia
980 C F P L	London	1350 C K L B	Oshawa
	C H E X	1400 C K G B	Collingwood
1090 C K K W	Kitchener/Waterloo	1430 C K F H	Toronto (flagship)
1120 W W O L	Buffalo (day only)	1450 C H U C	Port Hope

We'll publish any baseball networks you might be able to get for us. If you are in a position to furnish the networks for any baseball club, please do! This is not just to publicize the baseball team, but to offer some interesting DX targets.

