



# DX NEWS

*the magazine of the  
National Radio Club*

— SINCE 1933 —

Volume 46, Number 3

Monday, November 6, 1978.

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## CPC TESTS

Times are Eastern Local

- November 7  
Tuesday  
KUOM-770 Minneapolis, Minn. 0100-0300 with 5 Kw. This will be a regular Tuesday morning test (also Nov. 14, 21, 28, etc.) for maintenance. The test will include test tones, open carriers, voice IDs. A proof is scheduled one Tuesday in November and this may last even later. They may also do a Monday Morning test in 1979 if it can be arranged. Reports (must include return postage) to: Larry Brogger, KUOM, 580 Rarig Center, University of Minnesota, Minneapolis 55455. Arr: Ray Arruda/NRC.
- November 27  
Monday  
WWDJ-970 Hackensack, N.J. 0130-0600. The CE promises, on a stack of Holy Bibles (ever hear of an unholy Bible, John?) to definitely run the POP to 0500, possibly until 0600. Power will be 5 Kw and will use the night antenna pattern. Test will include test tone frequency sweeps from 30 to 1000 cycles, plus open carriers and modulation tests. Voice IDs on the hour and possibly half hour. Prepaid calls to: 201/343-5097. Veries from: Jim Galbraith, Chief Engineer, WWDJ, P.O. Box 970, Hackensack, N.J. 07602. Arr: John Kromka, who ordered HQ not to change a word, hi!
- December 4  
Monday  
KADE-1190 Boulder, Colo. 0200-0300 with 1 Kw non-directional. May use 52.1 watt PSA the last 5 minutes of the test also. Signer/arranger is NRCer Bob Greenlee, who is general manager of the station. Prepaid calls will be accepted. New Address: 4840 Riverbend Rd., Boulder, Colo. 80301.
- December 4  
Monday  
KPPC-1240 (100 watts) Pasadena, Calif. 0330-0400. Will use 1000 cycle tones, music and IDs. Possibly KROY may be off the air during this test. Reports to: George Chambers, Chief Engineer, KPPC, 3844 Foothill Blvd., Pasadena, Calif. 91107. Arr: Matthew Shugart for IRCA.

## 2 STATIC FROM HQ

You'll notice the change in the addressing system of DX News effective with this issue, this is because of a change from Addressograph plates to labels--Gary says if there is a mistake (like your membership you just paid was listed as expiring yesterday!) he apologizes and we will make corrections if you write and tell us what's wrong (with the labels not the club, stupid, hi!) We are in need of help--we need a couple copies of Issue 28 from last volume year for some members whose were lost by the postal folks. If you don't save your back issues and have one you can spare, please send it in!

REMEMBER! DX NEWS has gone to the weekly (weakly?) schedule for the new season--dates for upcoming issues are: Nov. 13, 20 & 27; Dec. 4, 11, 18 & 28; Jan. 8, 15, 22 & 29; Feb. 5, 12, 19 & 26; and March 5, 12, 19 & 26. What all this means is that we (the HQ folks and the editors) are counting on you (the members) to make this happen--please support the columns and report regularly!

In brief.....the NRC ham list is still coming (we're told something unkosher held this up!)...Dick verifies that the new station in Murray Ky. is on the air on 1130. Call is WSJP (JP stands for Jackson Purchase he tells us)...WAMB, Donelson (Nashville) has been heard with new 5 Kw power and reports are welcome--format is Big Bands so they are easy to tell apart from WWVA and others on 1170. *Jed Hynkeel.*

## THEY JOINED

Welcome one and all. Let us hear from you soon!

John G. Herkimer, 3255 South Drive, Caledonia, New York 14423 (rejoins)  
Gerald Feldman, 3 Fairway Drive, Canton, Mass. 02021  
Henri Beaudoin, 6 Toronto Street, Ottawa, Ontario K1S 0N2  
Larry Fox, 139 Derby Street, Valley Stream, New York 11581 (rejoins)  
Scott Hallberg, 141 Terry Ellen Lane, New Lenox, Ill. 60451  
Joseph J. Perko, 455 Domenico Circle, C-11, St. Augustine, Fla. 32084  
Jim Jennings, 4634 West 79th Street, Chicago, Ill. 60652  
James McCullough, P.O. Box 3402, Augusta, Georgia 30904  
William H. O'Riordan, 3628 Hillcrest Drive, Boise, Idaho 83705  
Frank E. Hostetler, RR #2, Box 408, Dillonvale, Ohio 43917

## TIPS ON ARTICLE PREPARATION

Thanks to those who have recently contributed articles for DX News. In case some of you are planning to send us an article, but are unsure of just how to go about it.....here are a few tips.

- (1) If at all possible use an electric typewriter with carbon ribbon. This is not an absolute necessity, but a much better product is obtained with this combination. If you use a manual machine, make sure your keys are clean and your ribbon is neither too dark nor too light. From time to time our printer has fits our copy because of fill ins and the like. Try to keep your impressions even, avoiding "ghost" letters.
- (2) Try to use legal size paper (8½ x 14) of high contrast. DO NOT USE light weight papers or erasable bond, as they tend to absorb the typed material. 20 pound white is used with best results. You don't need a master sheet; just keep ¾ inch off all the margins on the legal sheet and you have our typing area (but leave room on the first page for a header). The paper can be folded so you can use regular envelopes.
- (3) Most of our copy is reduced to 62% of original size. Pica type (the larger type style) is best. Also, if you are including drawings, make them large enough that any symbols and writing on them can still be read after reduction.
- (4) Watch those blues! Our printer uses photo offset equipment which is "blind" to most shades of blue. Light greens and grays also are a problem. Red will show up black and so your best bet is black on white. Similarly, graphs with a background grid should be dark if you want it to show.

If the above "scares you", don't worry. We have volunteer typist who can take your article and turn it into a masterpiece! So, please send us something soon!

3 3 3 3 3 3

CONTEST #2 IS THIS WEEK -- SEE PAGE 25 FOR DETAILS. JOIN IN!!!!!!!!!!!!!!!!!!!!

## LETTERS

PAT HARTLAGE  
P.O. BOX 32125  
LOUISVILLE, KY 40232

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### AND NOTES FROM THE SECRETARY

First a few "Letters" items.

THANKS to Lou Buehler for typing help and developing some of the pictures used recently in DX News (the better ones, hi). Lou has a new address: 42 Jamestown, St. Peters, MO 63376.

LOAN OF A HQ-160 MANUAL is needed by Lawrence Rubin, 99-34 67th Rd., Apt. 2H, Forest Hills, NY 11375. We tried but are not yet able to find one here in Louisville, so please contact Mr. Rubin right away.

THANKS TO THE MEMBERSHIP also, for not deluging us with inquiries about the Log. Most were put in the mails on Oct. 18 and 23 and new orders will be sent from upstate New York as soon as they are processed by NRC Publications Center in Connecticut.

TA ENTHUSIASTS take note of info from National Geographic for November. The Muslim 70 day pilgrimage season climaxes Nov. 8 to 14 when most of the important hajj rites take place. The hajj season advances 11 days annually because the Muslim calendar has only 354 days. Hajj events are televised by satellite to more than 40 countries; on radio prayers go out in 7 languages. Look for extended hours by North African stations and possible special programs from Surinam, which is 20% Muslim.

SUGGESTIONS for improvement of our publications (both in content and printing format) are encouraged. We also invite inquiries, quotes, etc. from printers. We need to plan well ahead to insure our publications remain current and economical.

IT'S OUR TURN to congratulate the New Zealand Radio DX League on their 30th anniversary. They have over 500 members and are an outstanding all-wave DX Club. Anyone interested in membership should direct inquiries to the League at P.O. Box 1313, Invercargill, New Zealand. We thank them for their salute to NRC's 45th birthday and publicity in the October DX Times.

A PROFESSIONAL CLUB? No, and I hope we'll never be! To me the beauty of NRC is the fact that it is an all-volunteer group. Almost all the "workers" are employed full time and devote many hours to the NRC without any remuneration of any kind. Your club officers, editors and other staff all pay annual dues (an exception is Ernie Cooper, who was voted Life Membership by a grateful club at the Lincoln Convention), and purchase their own Logs, etc. The amount of work involved in putting out over 750 bulletins each issue (over 22,000 last volume year!) and providing services to the members is so great that we now have 20 volunteers working on a regular basis. To this we must add those who prepare articles on a regular basis and others who extend their typing skills for NRC. We can't forget those who contribute regularly to the columns either. Your club is only as good as the contributions of the members, whether as an editor, or just as a regular contributor, test arrangers, etc. This little "secretarial" is not prompted by criticism but is offered as an encouragement to participation in NRC by the members.

STATIONARY masters, advertized as available in September, are not yet ready. The member who is handling these, Chris Baskind, tells us some revisions and design work will take longer than anticipated. We'll advertize their availability in DX News. In the meantime, please hold up ordering the masters.

A COUPLE of facts which may be of interest to NRC Members. The current membership includes some 380 members who were in the club in 1975. The NRC budget for this volume year calls for spending \$14.37 of the \$15.00 membership fee directly for bulletin postage, printing and addressing. Barring an increase in our printing or postage, no immediate need for a dues increase is expected.

A PUBLICATIONS/REPRINT LIST update to the April, 1978 list will be printed in a later issue. We are now in the process of revising articles based on the current ITU plan to reflect changes later this month. A new Spanish language "Broadcasters' Guide to DXing" will be forthcoming also.

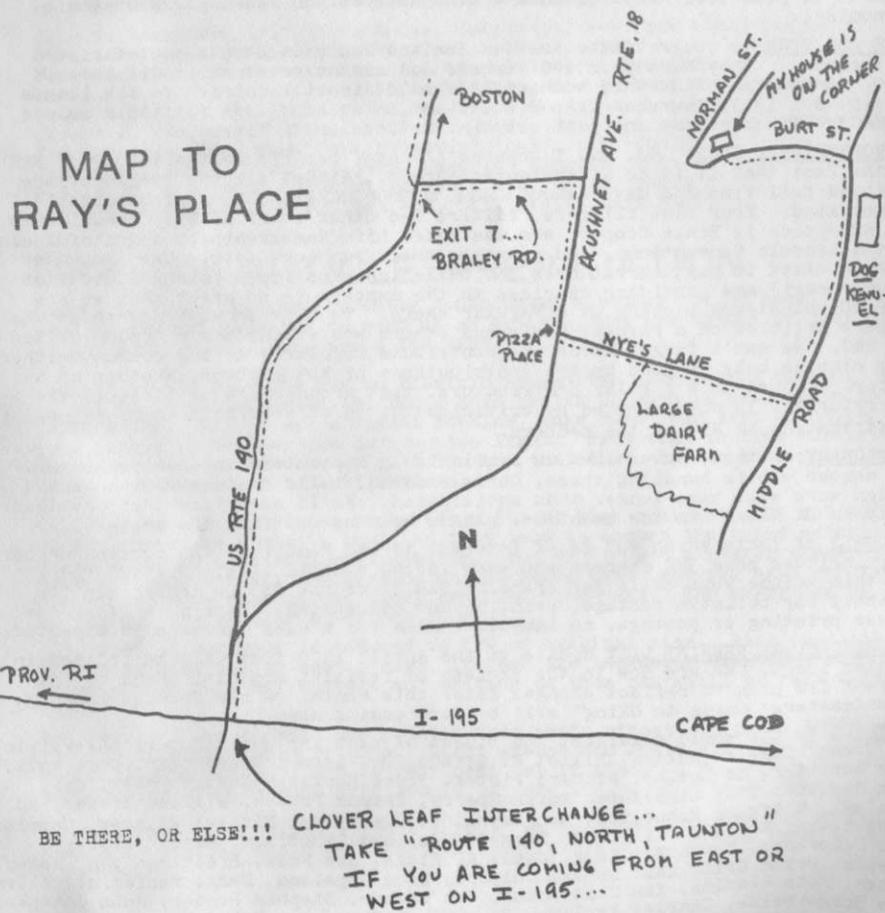
RENEWALS to the world's largest and oldest DX club include: Robert Galerstein, Ira Green, Charles Hutton, Elliot R. Straus, Dr. Robert Mendelsohn, Gene Rust, Eric Rossiter, Ed Lawlor, Richard Pistek, Bruce Portzer, George McKay, Jr., Norm Maguire, Tony Laguttata, Ralph Sperry, Thomas Pruden, William Hoover, Ed Kowalski, Wolfgang Schneider, Don Reynolds, Jim Ayers, Michael Plummer, Charles F. Washburn, Robin J. King, Dan Haggett, Rolland Lindblade, Robert Fischer, Marc DeLorenzo, David M. Clark, James A. Hicks, Joe Fela, Brett Hanavan, Roger Sabella, Bryan Griffiths, Robert Colyard, Doug Copeland, Dario Monferini, Allen Nissen, Pete Clarius, Ken Chatterton, Dan Lester, Stephen Ponder, John Jancko, John Hoogerheide, Charles Verling, Jr., Glenn Thompson, Mel Dilbeck, Mahlon Stilwell, Richard Troyer, Dennis Vroom, Cesar Objio, Karl Forth, Ron Schiller, Glenn Cooper. Gentlemen, please bring things up-to-date with a Muse soon.

# DOMESTIC DX DIGEST

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

All items sent to me are printed in DXN and appear in DDXD, unless they are lost in the mail, outdated, or everyday clear channel DX from your QTH. Clear channel stuff will automatically be deleted. A few simple guidelines when reporting: Try sticking to the basic format that appears in DDXD & please use one side of paper. Your tips do not necessarily have to be in frequency order. Deadlines for the time being will remain at Saturdays. Thanks in advance for your cooperation and fine support.

Our Thanksgiving GTG will be held this year at my place in Acushnet on November 26, 1978 Sunday from 12-6 PM EST. Refreshments will be provided and a collection will be taken up for a Pizza run late in the day. The "New England Network" will be in attendance and the highlight of this gathering (as in many other gatherings of this nature) will be who can out BS everybody else! Call the house if you get lost. The following map should lead you in the right direction.....



## DX TESTS

KFUC - Not heard by KR, MD, RA  
WADE - Heard by RM  
WNVL - Heard by DS, RM, FD, PRM, BPS  
Not heard by RA, TRS, MD  
WAVC - Not heard by DS, RA, RM, FD, PRM, TRS, MD, BPS

## FREQUENCY CHECKS

1st Sat. WPRT-960 w/TT (BPS)  
WDOO-1310 not heard (BPS)  
WIRV-1550 w/TT (BPS)  
2nd Tue. WSNJ-1240 w/TT 0010-0020 1 KW (DS)  
WQVA-1490 w/TT 0030-0035 (DS)  
3rd Fri. WKBO-1230 w/TT 0035-0038 (DS)  
WKDH-1430 w/TT 0045-0050 (DS)  
4th Mon. WTON-1240 w/750 hz TT 0030-0033 (DS)  
WBOB-1490 per list (DS)

This note from DS: WKBO, WKDH, WTON are checks conducted by Hutton Monitoring Service, he was kind enough to send me a list of his night time checks, which has been sent on to Joe Fela.

## SPECIAL

1620 WFAT NY NEW YORK - Bootleg L&C w/talk show 0330 10/16. Also noted playing jingles from about 20 different stations.(MD)

## SUNSET TO MIDNIGHT

580 CHLO PQ HAUTERIVE - 10/9 atop 2324 w/ID in FF. (DA)  
590 WVLK KY LEXINGTON - 10/9 1521-1534 fair/poor but alone w/rock, promo & local spots. (PRM)  
600 OKEY ON TORONTO - 10/7 2245 in w/local WROW nulled. (DA)  
WMT IA CEDAR RAPIDS - 10/9 2347 first time heard w/HS announcement, CBS promo/ID. (DA)  
620 CFOL ON TIMMONS - 10/7 2200 noted w/ID in FF. (DA)  
630 WLAP KY LEXINGTON - 10/9 fair/poor w/slight QRM w/Sports rpt 1536, Toyota spot, ments of Lexington Center, Rock mx. (PRM)  
870 WFLO VA FARMVILLE - 10/13 1844 s/off w/ments. of FM, no SSB. (ERS)  
960 CKWS ON KINGSTON - 9/22 good in WFIR null 2308 w/Smith Bros. Jewelry spot, "96 WS" promo, ments. of Sudbury & Kingston. (PRM)  
970 WWDJ NJ HACKENSACK - 10/13 2231 fair w/call letters & mention of religious programming in ID. (WPT)  
980 WRG DC WASHINGTON - 9/22 2311 good w/nx o/UNID. (PRM)  
1000 WIQT NY HORSEHEADS - 10/13 1809 w/local nx. (ERS)  
1050 CFYN ON SAULT STE. MARIE - 9/22 2342 good w/"Grease" & spot for donuts, wx, ID o/CHUM/WHN. (PRM)  
1080 WBOQ -- ----- 9/17 GOS or C&W sta. weak u/QRM, TC/jx. (PRM) Was probably WZTQ Hurricane WV, Paul. (RA)  
1110 WKLO KY LOUISVILLE - 9/22 2358 fair w/Rock o/u/WTIC. (PRM)  
1120 CKJD ON SARNIA - 10/8 1843 fair w/ID in WBT null. (WPT)  
1120 WWOL NY BUFFALO - 10/13 1815 very good w/C&W. (ERS)  
1130 WASP PA BROWNSVILLE - 10/10 1842 good w/C&W mx, ID, spot, then 1846 s/off w/Lord's Prayer. (WPT)  
1150 WNDP FL DAYTONA BEACH - 10/1 all alone w/xlnt sig. @ 1927, pop mx, some SIDs u/extreme AU CX. (HJH)  
WCUE OH CUYAHOGA FALLS - 9/22 good 2048 w/Rock, TC. (PRM)  
1170 CFTX ON CORNWALL - 10/13 1830 s/off w/NA sung by OM, fair u/WWVA. (WPT)  
1190 WAVS FL FT. LAUDERDALE - 10/6 1959½ s/off immed. after WLIB. (ERS)  
1230 WHUC NY HUDSON - 9/23 1931 noted ending community note then into album Rock, briefly atop. (DS)  
WERI RI WESTERLY - 9/25 2145 PSA for "Fitness" & ID. (DA)  
1240 WWGO CT WATERBURY - 9/25 2200 ID in null of local WWWD. (DA)  
1260 CIHI NB FREDERICTON - 10/17 1837 good atop w/rr. (MD)  
1280 WROO NY ROCHESTER - 10/13 1823 "WROO News Radio Rochester" ID, fair sig. (this was WVET many years ago). (WPT)  
1290 CJBK ON LONDON - 9/22 good but fadey 2030-2038 ID w/Rock, QRM from Reds game. (PRM)  
1300 WSYD NC MT. AIRY - 10/14 1845 ID with "Y" heard as 3rd letter, poor w/others garbled. (WPT)

1310 WJAM AL MARION - 9/30 s/off weak at 2000. "O&O by Marion Broadcasting Inc." followed by SSB. (HJH)

1330 WHOT OH CAMPBELL - 9/22 good 2019 w/Rock, HS Football predictions, ID, wx o/UNID Rock station. (PRM) (WPT)

WEBO NY OWEGO - 10/13 1320 plug for Rock Show, fair w/ID/T40 mx.

1370 WLOP GA JESUP - 10/1 1844 mostly alone w/wx & ID. (HJH) 10/7 1900 fair at s/off w/no SSB, ments. of Albamarle River after wx. (WPT)

1380 WLOY FL ST. PETERSBURG - 10/1 1908 very strong & alone w/rr u/AU CX. (HJH)

WANZ NJ ZAREPATH - 10/5 s/off noted @ 1930. (ERS)

1430 WRXO NO ROXBORO - 9/30 1929 s/off at this time u/AU CX. (HJH)

1440 WBLA NC ELIZABETHTON - good 10/7 at 1845 s/off w/NA, missed ID. But ments. of NO & area led to above conclusion. (WPT)

WRDD MI BAY CITY - 10/5 EX-WBOM good 2035 w/C&W mx & "Big Red Radio, WRDD" jx. (PRM) (HJH)

WGIG GA BRUNSWICK - 10/1 1859 mostly alone w/rr and woman anncr. ----- FL ----- 9/30 1935 UNID here w/ads mentioning Ft. Meyers. Had BB game. (HJH) (DA)

1460 WFMB PA HARRISBURG - 9/25 2332 ID & talk show heard in WOKO null.

1470 WFAW PA FARRRELL - 9/23 good o/u WOHO w/Rock 2003-2016. (PRM)

1480 WSAR MA FALL RIVER - 10/13 2007 fair w/spot for cleaners, wx, sports o/u WLEE. (WPT)

1520 WEXY FL OAKLAND PARK - 10/10 fair atop w/GOS mx to 1800 s/off. (MD)

WTGR SC MYRTLE BEACH - 10/12 good w/rr to 1845 s/off. (MD)

1540 WARD PA PITTSBURGH - 10/11 1832 good @ s/off, no SSB. (WPT)

WABQ OH CLEVELAND - fair amid QRM 10/13 1837 w/ID. (WPT)

1550 WRHC FL CORAL GABLES - 10/5 1845 good in SS w/mx, ads, etc. (ERS)

WBSO SC BENNETTSVILLE - 9/30 2045 alone w/Black GOS mx, no Canadian. (HJH)

1560 WBBK NY BROCKPORT - 9/25 2111 ID, w/WQXR nulled, 2130 s/off, no SSB. (DA) (WPT)

1580 CBJ PQ OHIOCOUNTY - 10/13 2000 fair w/Radio Canada ID, nx in FF.

KPKI CO COLORADO SPRINGS - 9/28 2100-2115 s/off in L&C for report.

WESY MS LEBLANC - 9/29 2014-2015 fair at s/off, QCHA QRM. (BPS)

KWED TX SEGUIN - 9/30 2043 s/off, much QRM. (BPS)

WGOR IL URBANA - 9/22 fair w/s/off 2002, just enough to ID. (PRM)

WJVA IN SOUTH BEND - 9/23 fair w/ID 1950, then "Release Me". (PRM)

1590 WNTS IN INDIANAPOLIS - 9/23 GOS 1830-1900 then s/off w/no SSB. (PRM)

1600 WNST WV MILTON - 9/22 good, but local QRM w/s/off 1945, ments. of Tri-State Area, no SSB. (PRM)

CHNR ON SIMCOE - 9/25 2000 atop freq. w/ID. (DA)

#### MIDNIGHT AT THE GONG SHOW

570 WMCA NY NEW YORK - 10/9 noted off w/occ. OC @ 0137. (ERS) (ERS)

WKBN OH YOUNGSTOWN - 10/9 ID as "57 KBN" noted at 0320 w/WMCA off.

590 WOW NE OMAHA - 9/25 fair surfacing above QRM w/area ments. & Rock mx. (PRM)

610 OKNC PQ NEW CARLISLE - good atop jumble at 0005 s/off, 10/16. (MD)

620 WTMJ WI MILWAUKEE - 10/16 0317 unusual & in the clear w/WHEN off.

WNRN WV BECKLEY - 10/9 ID 0348 mixing w/WSUN, others. (DA) (ERS)

WSUN FL ST. PETERSBURG - 10/9 ID 0344, C&W mx. (DA) 10/9 fair w/Sun Country promo, area mentions, C&W mx 0058-0105. (PRM)

WLBZ ME BANGOR - /16 atop w/ID, contest promo, pop mx. 0130-0135, thought they went off MMs. (RA)

630 WLPK KY LEXINGTON - 10/13 0730-0735 noted ID at fade in. (DMG)

640 KFI CA LOS ANGELES - 10/16 0235-0435 check xint in Cuban null w/talk show. (ERS)

740 WPAQ NC MT. AIRY - 9/16 0024 on ET w/ment. of 10KW, very strong for a badly needed one. Heard from downtown Wilkes-Barre, PA. (HJH)

790 CFNW NF PORT-AUX-CHOIX - fair 10/16 0030-0034 atop relaying CFGB-570 w/nx, wx, rr. (MD)

850 WRUF FL SO. MIAMI - 10/16 0300 topping channel w/nx. (MD)

WRUF FL GAINESVILLE - 10/9 0147-0200 fair on AU morning w/Rock promo ment. 50 years on air, NBC nx @ 0200, QRM from SS & UNID. (PRM)

KOA CO DENVER - 10/16 0231 fair thru CKVL w/talk show. (MD)

WEAT FL WEST PALM BEACH - 10/16 0235-0245 good w/C&W thru CKVL/KOA/WHDH OC. (MD)

860 WYJZ PA PITTSBURGH - 10/16 0445 L&C on ET/jazz mx, simulcast of WAMO 106 FM. 10/16 ET w/WAMO 106 FM ments. from 0340-0430. (ERS) (MD)

WGAF GA VALDOSTA - 10/9 poor to good w/automated rock mx & IDs 0250-0330, UNID SS QRM. (PRM)

920 OKCY ON SAULT STE. MARIE - 10/12 0600 fair w/ID & PSA. (WPT)

950 WIBX NY UTICA - 10/16 fair 0019 s/off w/NA after ments. of NY State. (WPT)

WPEN PA PHILADELPHIA - 9/24 & 10/9 noted off these two MMs. (DS)

WKAZ WV CHARLESTON - 10/13 fair @ 0722. (DMG)

960 WPIR VA ROANOKE - 10/13 0720 weak, first time heard here. (DMG)

980 WRC DC WASHINGTON - 10/9 believe this pest was off, strong OC noted 0043. (DS)

CBV PQ QUEBEC - 10/16 0004 FF talk, fair at s/off w/NA 0010 u/OKGM after WRC s/off. (WPT)

990 OKGM PQ MONTREAL - 10/16 0010 fair w/ID/pop mx o/GBV. (WPT)

CBW MB WINNIPEG - 10/8 0600 s/on w/NA, fair/good. (WPT)

WHOO FL ORLANDO - 10/9 0340 strong on ET/00/ID. (DA)

1070 CHOK ON SARNIA - 9/23 good in null of WIBC w/ON sports, wx, then into C&W 0005. (PRM)

WFLI TN LOOKOUT MTN. - 10/16 0146-0150 another loud ET w/pop & Rock mx, frequent IDs. (RA)

KNX CA LOS ANGELES - 10/9 0335 good atop first time this season w/nx & ID. (DA)

1080 KRLD TX DALLAS - 9/25 0130 PSA & ID, noted again 9/29 0240 u/WHAM. (DA)

1090 UNID --- ----- 10/6 w/tones til 0125 & off, no ID. (KR)

1140 CBI NS SYDNEY - 10/1 u/WRVA w/wx for Maritimes. (DA)

1210 WCAU PA PHILADELPHIA - 10/9 noted off to 0215. (TRS)

1220 WGAR OH CLEVELAND - 10/9 0032 noted off in passing freq. (RA)

1230 WJNO FL WEST PALM BEACH - 10/9 0105 noted briefly atop ending CBS nx, then wx and gone to WITH. (DS)

1240 WWVD NY SCHENECTADY - 9/23 0535 topping freq. w/rr IDing as the "Champion of Rock, 3-W-D". Yeech. (DS)

WVVO CT WATERBURY - 9/24 0154 way atop w/rr, "Super C-o" IDs, NSP al la WQQW? (DS)

1250 WNVL KY NICHOLASVILLE - 10/9 only portion of test noted here was periods of TT 0213-0214 & 0219-0220, otherwise all SS u/WTAE OC, lousy cx. (DS)

1260 WNRK DE NEWARK - 9/23 noted w/s/on SSB @ 0600, formerly on at 0700 SM. (DS)

WMMM CT WESTPORT - 10/2 0601 s/on w/SSB. (DA)

WVDO DC WASHINGTON - 10/2 0227 in & out...mostly out in QRM. (KR)

WVOK FL MIAMI - 10/9 0115-0200 w/C&W beneath WMDR. WVOK now NSP? Log is wrong. (RM) I heard em same morning Ron around 0315. (RA)

1270 GJBC NS SYDNEY - 10/9 0402 noted w/nx, ID. (ERS)

1280 GJJD ON HAMILTON - 9/25 0051 fair w/Toyota spot, ID. (PRM)

1290 GJBK ON LONDON - 10/9 0131-0144 looks like this Canadian has taken half of the US as their listening area, even w/lousy cx. way atop w/rr. (DS)

1310 WORC MA WORCESTER - 10/9 0106 end of OBS nx, wx, then Big Band mx @ 0109 u/WLOB. (RA)

UNID --- ----- 9/23 0557 somebody here w/FF talk & mx way atop WCAM, CHGB? (DS)

1320 WKAP PA ALLENTOWN - 10/2 0040 noted alone w/rr, IDs, used to be off at this hour on MMs, NSP now? (DS) Seems to be the trend, a sad trend from a DXer's point of view. (RA)

UNID --- ----- Date? 2355-0005 ET/TT to 0001, then carrier off, no ID, looped toward TX, u/KXYZ, who? (BPS)

1330 WVOJ FL JACKSONVILLE - 10/2 noted very weak @ 0200. (KR)

WFBC SC GREENVILLE - 10/9 0249 fair w/wx, ID & Rock mx. (PRM)

WFTP FL FT. PIERCE - fair w/jx between two C&W tunes 0236 10/9 o/u HJAD. (MD)

1340 WNBH MA NEW BEDFORD - 9/24 0158-0210 mostly atop w/local nx, MoR, o/u WYCB. (DS)

1350 WCWR FL COCOA - 10/9 0226-0238 this noted w/WHNE w/automated C&W mx, while looking for WAVG DX Test. (DS)

1370 WKIK MD LEONARDTOWN - 10/2 0500 s/on u/WFEA. (ERS)

1390 WNRV CT NAUGATUCK - 9/27 1126 ID noted in WSB null. (DA)

1390 CHOO ON AJAX - 9/24 way atop w/C&W mx 0220, "Chew Country" a legend in their own opinion-hi! (DS) 9/25 0055 good w/C&W in QRM of GOS mx, TT. (PRM)

1400 CKCB ON COLLINGWOOD - 10/16 0501 s/on w/o Canada relaying CKBB-950 Barrie, ON. (ERS)

1430 WVAM PA ALTOONA - 9/22 0054 noted way atop w/promo, evidently still running 250 watts night non-DA. (DS)

WENE NY ENDICOTT - 10/9 0530 s/on. (ERS)

1440 WHHH OH WARREN - 10/16 0459 s/on after SSB. (ERS)

1450 WWSC NY GLENS FALLS - 10/9 0113-0123 way atop WNAB & others w/Pop mx, IDs on Dan Payton Show. (RA)

- 1460 WOMB PA HARRISBURG - noted 10/5 0227 while looking for WJMG. (KR)  
 WPDQ FL JACKSONVILLE - good atop channel w/ID, light rock 0037  
 on 10/9. (MD)
- 1480 WCFR VT SPRINGFIELD - 10/13 1050 noted ID mixing w/WADR. (DA)  
 WLEE VA RICHMOND - 10/10 good o/QRN w/nx, several IDs 0752,  
 sun up when heard. (PRM)
- 1490 WUSS NJ ATLANTIC CITY - 10/2 @ 0130 w/Disco, first time heard  
 at night, difficult to hear during day. (KR)
- WAZL PA HAZELTON - 10/9 0500 s/on w/Christopher Thought. (ERS)  
 WCSS NY CORNWALL - 10/9 s/on @ 0559. (ERS)  
 WOLF NY SYRACUSE - 9/24 0132 noted running Dr. Demento, IDed on  
 break. (DS)
- WFOR ME PORTLAND - 9/24 0140 noted way atop WOLF w/Q&W mx.  
 Good bet for those needing Maine on the east coast. (DS)
- 1550 WXVA WV CHARLES TOWN - 10/23 0116-0123 very loud on ET/TT/OC  
 and some Rock mx. ID noted @ 0125. (RA)
- 1560 UNID -- ----- 9/25 0112-0130 C&W mx, DJ said at 0120, "Here  
 we go again" WQXR OC & ID @ 0117. (PRM) Paul, this  
 could have been the new WYZD Dobson, NC testing...  
 just guessing tho. (RA)
- 1580 WPGC MD MORNINGSIDE - 9/22 ET/OC/TT/mx 0054-0110 plus. (DS)  
 WKIG GA GLENNVILLE - ET 10/16 0305 as per freq. check 11st. (ERS)
- 1600 WEUP AL HUNTSVILLE - fair 10/16 atop w/ID @ 0401. (MD)  
 KATZ MO ST. LOUIS - 10/16 well atop w/Soul 0412. (MD) Finally  
 on MM 10/9 @ 0430 w/ID, noted again on 10/16 @ 0300  
 w/ID & NBN Net. nx. (ERS)
- WAAW MI ANN ARBOR - 10/16 weak but clear 0500 s/on. (MD)  
 WFRG NC REIDSVILLE - fair @ 0501 s/on 10/16. (MD)  
 WOKB FL WINTER GARDEN - 10/16 fair at 0502 s/on in jumble. (MD)  
 WKEN DE DOVER - 10/16 good atop mess 0502 s/on, then SSB. (MD)  
 WINX MD ROCKVILLE - 9/23 fair/very good w/Rock 0025-0100, promo  
 WINX bumper sticker contest, QRN from WURL/CHNR?  
 Fadey. (PRM)
- WURL NY WOODSIDE - 9/23 fair o/u WINX w/Soul mx, nx 0058,  
 ID 0100 into Disco Connection. (PRM)

Brought to you by:

- |     |                                       |                           |
|-----|---------------------------------------|---------------------------|
| DA  | Doug Allen, Schenectady, NY           | SPR-4, Loop, LW           |
| FD  | Frank Dailey, Preston, CT             | HQ-180, SM2, LW           |
| MD  | Marc DeLorenzo, Centerville, MA       | HQ-100, SM1               |
| HJH | Harry Hayes, Gouldsboro, PA           | Zenith T0, SM2            |
| DMC | Doug McAbee, Goodrich, MI             | TRF                       |
| PRM | Paul Mount, Nelsonville, OH           | TRF                       |
| RM  | Ron Musco, Windsor, CT                | HQ-145, HQ-130A, LW, Loop |
| KR  | Konstantine Rychalsky, Bridgeport, CT | Receiver, Antenna         |
| DS  | Dave Schmidt, New Castle, DE          | HQ-180A, Looped           |
| BFS | Brian P. Sherwood, Elmhurst, IL       | HQ-129X, TRF, SM1         |
| ERS | Elliot R. Straus, West Orange, NJ     | R-390A, Loop              |
| TRS | Tom Sundstrom, Willingboro, NJ        | Mucho equipment           |
| WPT | William P. Townshend, Washington, DC  | TRF                       |
| RA  | Ray Arruda, Acushnet, MA              | SX-122, SM1               |

73.....  
*Ray*

**WABC**  
 MUSICRADIO 77

## AWARDS ANNOUNCEMENT

Effective November 1978, the NRC will issue a series of Verified All States Awards in the following categories: 30, 40, 45 and all 50 states. Please list data from a representative verie from each state giving: State, Call, location, frequency, and either date received or date verified. Send all applications to NRC Awards Manager, Norm Maguire, 6105 Del Campo NE, Albuquerque, New Mexico 87109. There is no charge for the award.

There will be a Canadian Provinces award to be announced soon. Your awards manager is a little behind in getting the details straightened out. Will announce details soon.

## INTERNATIONAL DX DIGEST

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

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

Exactly one month until the big frequency change for Europe/Africa/Asia/Down Under... I hope many of our semi-active types will have their radios on to find out what's going on. I'm looking forward very much to a chance at the Australians and New Zealanders.

Mike Hardester writes that he has noted a handful of Chinese stns on the new plan, including 558, 612, and 882. A few other carriers were hrd on new frequencies which are to be part of the new plan.

I'm closing the column out on Friday, October 20 instead of the following Monday in order to have some material for the next issue. Figured you would rather have two average sized columns than one biggie and one small one.

- 540 VENEZUELA YVOV R. Perija, Villa del Rosario 0805-0820 MM 10/16 w/xlnt sig (95-100 dB) dominating channel, LA MoR vocals, SS anncs, and ID. (Straus)
- 548 ALGERIA Oran poor to fair w/AA talk by man, then chanting 0401 10/7. Good carrier, AA mx at low audio level, local man made electrical noise a problem 0055 10/13. (Connelly)
- 570 CUBA Santa Clara CMHI good, no sign of WKBN 0457 w/R. Liberacion ID on 10/9. Parallels on 590/600/630/640/720 hrd well. (Mount)
- 574 UNID very weak signal 0000-0430 and later many evenings in September and October. (Lankford) Just a fair het here and likely to remain unid-CH
- 575 UNID strong LA noted many evenings in September and October 0000-0430 and later w/all kinds of pgms, including typical LA mx, SS commentary, and opera. I thought I noted a R. Nacional ID on two occasions. Maybe this is the Costa Rican noted last May by Hutton. (Lankford) Yes indeed it is. They began regular broadcasts on 9/15; what I heard was a RS-like test-CH
- 590 MEXICO Mexico City XEPH out of the mess occasionally from 0435-0455 10/14. ID of panther growl and squeal from some kids between records. CMW nulled. (Worst)
- 610 TRINIDAD NBS heard again with actually a better signal on peaks than had been previously noted in past 2 years. Noted to 0359 10/2 with sedate mx, set of chimes which penetrate QRN well, ID by man, single tone, and nx by man. They're now ID'ing "... republic of Trinidad and Tobago". That soft-voiced woman normally hrd (and not understood) must be off the duty roster Sunday nights, and so taped a few readable ID's! They still have devotional before anthem at 0402. Oddly again, WIP dominant on SM2 and is not well heard on my outdoor LW. (Foxworth) Spent a few more non-productive hours on 610 after getting your report. Maybe I need to move further away from the stn, closer to the QRN, and throw up a short piece of wire-CH
- 611 MOROCCO Sebba-Aioun fair to good w/AA male chants 0052 10/13. (Con)
- 630 CUBA Santa Clara CMHQ R. Liberacion good over three others 0012--0029 10/16 with what sounded like a news commentary. ID at 0029. (Worst)
- 640 CUBA Havana CMQ R. Liberacion 10/16 0030-0159½ with play of some sort with lots of gunfire and horses, but then the last half sounded more like a soap opera. ID at 0159½. TGW started taking over at 0156 even though theywere nulled. (Worst) You are hereby banned from IDXD for the crime of listening to a Cuban radio play for a time exceeding one hour-CH
- 640 GUATEMALA Guatemala City TGW 10/9 organ mx noted u/CMQ 0503, then good sig w/CMQ nulled, "TCW en Guatemala, La Voz del Pueblo" ID 0504, SS talk, then said "Buenos noches Guatemala, buenos noches America", all very official sounding. A jingle, anthem, and gone. (Mount)
- 670 GUATEMALA Guatemala City TGRT R. Fabulosa good level from 0145-

- (670, continued) 0158 10/16 with futbol game and commentary. ID at 0155, after which it sank into the mess. WMAQ nulled. (Worst)
- 690 CUBA Havana QMBC R. Progreso 10/11 "novela" to 0045, then ID and some kind of annct to 0050, then songs in SS. Mostly way over WTLX. (Worst)
- 700 JAMAICA Montego Bay JBC 10/11 0100 out of the mess long enough for a program on a Jamaican hero. 0105 ID "JBC". QMJT somewhere underneath. WLW nulled. (Worst)
- 730 MEXICO Mexico DF XEX 10/9 good 0518 w/SS vocal, jx mentioned Mexico, local spots, another slow song, then "XEX, Mexico" jingle 0524 into spot. No QRM. (Mount)
- 730 TRINIDAD Radio Trinidad finally hrd at their s/off at 0400 10/3 during continuing AU cx, fair in no/very little QRM with moderate fading. Ad offering sale of financial paper in Port-of-Spain, s/off without technical data, devotional type message and Trinidad and Tobago NA. Pretty easily copied. 610 was poor but readable at the time, but both freqs were fading out and in. (Foxworth)
- 760 COLOMBIA HJAJ Barranquilla 10/9 SS noted u/WJR 0523, then stronger 0528 w/SS talk. Fanfares and annct of "RCN" followed by 50 grandes something 0530. (Mount)
- 765 SENEGAL Dakar briefly up to strong level, hammering WABC on car rx; AA chanting at 2345 10/12. (Connelly)
- 810 PUERTO RICO WKVM San Juan hrd again with good signal 0430 MM 10/9 with up tempo local mx, few anncts and continued to 0500 when s/off as normally skedded. S/off in SS, then Borinquena, EE s/off, and SSB to 0503. Had best sig yet and is fair-good bet if WGY not testing then. Had slight unid QRM on SM2 but clear on LW. (Foxy)
- 818 MOROCCO Rabat fair w/chanting male vocal 0107 10/13. (Connelly)
- 820 CUBA QMCA Havana good o/WBAF 0542-0601 w/instrumental mx, man and woman alternating speaking. "Radio Ciudad de Havana" ID at 0601 then march mx or NA. (Mount) All Cubans that s/off should do so at 0500-CH
- 830 HONDURAS Tegucigalpa HRSP R. Moderna 10/9 0125-0130, coo-coo and ID between records. Weak and fluttery. (Worst) Noted in-out of HJJB, YVLT, the HJ and others with fair ID 0200 10/16. Nick Hall-Patch had previously mentioned that he had hrd them in BC with a booming signal. Also they're supposed to be 10 kw now. (Hutton)
- 840 CUBA Santa Clara QMHW "Doblove" w/romantic LA mx and "... desde Santa Clara" 0030 10/9. (Lankford)
- 840 HAITI 4VEF 2350 FF OM annct, disco mx, good 10/5. (Straus)
- 872 UNID immense OC atop a 2.6 Hz SAH-something new in North Africa? Spain, supposedly on regular sked, was presumably the weaker sig generating the SAH; noted at 0111 10/13. (Connelly)
- 880 CUBA Pinar del Rio QMAF R. Progreso apparently back on freq 10/14. 0530-0559 EZL mx, SS anncts between records, ID at 0559. WCBS nulled. (Worst)
- 914 SURINAM RANI hrd quite easily 2355 10/1 with church service in Hindi apparently. This stn always seems to peak in strength briefly early in the evening (when auroral) and is never held thru to s/off. At this moment the entire low end of the BC seemed dead (even Caribbean) while top end was dead for domestics with SS on many channels. (Foxworth)
- 940 MEXICO Mexico City XEQ 10/14 s/off ceremonies from 0600-0604. Strong. (Worst)
- 1030 COLOMBIA HJER R. Pacifico, Cali w/LA mx and ID 0620 10/9. (Straus)
- 1035 HAITI 4VEH Cap Haitien 0000 10/5 w/EE religious pgm, fair. (Straus) EE preaching and choir mx 0015-0020 10/7, almost certainly Haiti. WRTH lists 0030 s/off. (Lankford)
- 1100 ANTIGUA ZDK good in 3WE null w/island mx, local nx, YL annct 0020 10/6. (Straus)
- 1110 MEXICO Rio Bravo XEQ 10/8 1740, 1 kw daytimer seemed to be relaying XEFD 590. Did not use own call. This was on a Sunday. Very weak. (Worst)
- 1125 COSTA RICA San Jose TISRHB w/ID at 0400, 10/9 using call letters and "Onda once veinte". (Lankford) They're now using an "Amigos" ID in place of the former Ellas/Super ID during the hour-CH
- 1135 CHATEMALA Retalhuleu LV de la Costa Sur presumed the one w/SS commentary and numerous mentions of Guatemala 0345 10/9. (Lankford)
- 1196 MOROCCO Agadir xlnw w/female AA chanting-unusually strong 2357 10/12. (Connelly)
- 1202 UNID LA suspected here, hetting usual 1200 LA graveyard 2358 10/12. (Connelly) It's R. Progres, Haiti who has been wandering from 1200-1207-CH

- 1205 JAYMA ISLANDS George Town R. Cayman 10/14 0020-0032. Woman talking to 0028. ID and IS at 0029, then a piano concerto theme mx leading into something like an auction pgm. Very weak, and rough with a het from the Haitian and sloop from WOAI 1200. WOAI was weaker than normal due to a cold front between here and San Antonio. //1555. (Worst)
- 1210 COLOMBIA HJFF La Voz Amiga, Pereira fair atop mud w/ID 0643 10/9. (DeLorenzo)
- 1265 ST. KITTS Basseterre R. Paradise 10/9 0430 fair, little QRM in EE, mentioning location of listeners in Caribbean, time check, and dedication to prayer partner. (Mount)
- 1315 DOMINICAN REPUBLIC R. Bani taped complete ID at 0102 10/1. This station had a pretty good signal but did fade a lot. Measured on 1314.9 and at same time I was hearing tentatively R. Marien (listed in LA split list) on 1415.8 but didn't hear ID. (Foxy)
- 1330 COLOMBIA HJAD R. Vigia, Cartagena fair o/u WFTP w/ID, TC, lively mx 0556 10/9. (DeLorenzo)
- 1420 COLOMBIA HJAP R. Bahia, fair thru domestics 0406 10/9 w/ID "Radio Bahia, CARACOL en Cartagena". (DeLorenzo)
- 1466 MONACO Monte Carlo good w/music box IS running to 0000.23 GMT, then OC until 0001.15 when the carrier was switched off; this on 10/13. AA sounding talk fair in sloop 2204 10/12. (Connelly) Strong despite auroral cx w/IS 0441 10/9; s/on by man in CC at 0445 followed by hymns. (DeLorenzo)
- 1500 MEXICO Mexico City XEAB 1-14 0250-0315, SS records, ID of "R-H" between records. Electronic whoop at 0300. Rough, in and out with KSP. (Worst)
- 1505 ARGUILLA R. Anguilla pretty good at times 0100ish 10/1 but lots of QSB. Played reggae mx, was on exact freq with het from presumed HJ on 1505.3. (Foxworth) The het is from the Ecuadorian R. Centinela del Sur-CH
- 1520 COLOMBIA Barranquilla R. Minuto, thought I was hearing WRAI 0006 10/1 but was only R. Minuto playing lots of salsa type mx. Pretty good signal for a while. (Foxworth)
- 1524.6 COSTA RICA, stn measured here in AU cx 10/1, fair sig. (Foxy)
- 1554 UNID strong TA carrier 0430 9/28, no audio, likely France. (Lankford)
- 1555 CAYMAN ISLANDS George Town R. Cayman, caught end of nx pgm called "Bulletin Board" 0321 10/7. (Lankford) US type records interspersed with personal messages. 0030 4 note IS and ID. Mentioned AM and EM, then into a BBC pgm. Sloop from WLUX 1550. (Worst)
- 1578 PORTUGAL Canidelo poor w/soft mx 0005 10/13. (Connelly)
- 1580 COLOMBIA HJQZ R. Principe, Barranquilla good, well atop channel w/LA and US rock, many ID's 0452-0500 10/9. (DeLorenzo)
- 1586 UNID TA carrier 0435 9/28, no audio, likely West Germany. (Lankford)

Courtesy of.....

Mark Connelly-West Yarmouth, Mass. R390A, 2 37 m phased wires  
 Marc DeLorenzo-Centerville, Mass. HQ100, SM1  
 Bob Foxworth-Mineola, NY HQ150, LW  
 Chuck Hutton-Decatur, Ga. R390A, 1900' Beverage  
 Dallas Lankford-Reston, La. HQ180A, loop  
 Paul Mount-Nelsonville, Ohio TRF  
 Elliot Straus-West Orange, NJ R390A, loop, HP524B  
 Michael Worst-Beaumont, Texas 51J4, loop

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# GRAVEYARD DX ACHIEVEMENTS

BILL HALE  
1451-B FAITH DRIVE  
RANTOUL, ILL. 61866

Greetings to all. Since Harry left off at 1400, I will begin my editorship (is that a word?) of this column with 1450. The rules remain basically the same. For you oldtimers see Vol. 44; No. 10. For you newcomers, report your two farthest loggings on each of the Graveyard channels (1230, 1240, 1340, 1400, 1450, and 1490). If you move or make a good catch on vacation send in those, too, as they will be honored. Only stations on the GY channels with 1000 watts or less can be claimed. Also the geographic limitations are as follows: all of the North American Continent; The Bahamas; Bermuda; Cuba. Next time we'll see what has happened to 1490 since the last time around. I am going to shoot for one GYDX column per month, so let's make the deadline for getting your 1490 updates to me three weeks after the date which appears on this issue. And, oh yes, the Grand Totals column will follow 1490. Send in your updated totals for each of the GY frequencies, or it'll be another 7 columns before they appear. The range of the last totals column was from 638 to 17. I've already got several new totals, so don't forget to get yours in, or you'll be bumped down the totem pole. One final note before we get to the goodies...Yngve Mattson of Sweden reports reception of KEED 1450 at his QTH. Sorry, yngve, but you don't qualify for our list, but couldn't help passing that along. By the way, he says that's about 11,800 miles give or take a couple of hundred miles. I thought that was good enough for an 'Honorable Mention'. Now for the 1450 list...good DX'ing to everyone.

Bill

\* 1450 \*

Miles	DXer and Location	Station and Location
2625	Gene ALLEN Vallejo CA	WWPB Miami FL*
2585	Gene ALLEN Vallejo CA	WCTC New Brunswick NJ*
2410	Ernie COOPER Brooklyn NY	KONP Port Angeles WA*
2370	Ernie COOPER Brooklyn NY	KPUY Puyallup WA*
2300	Stan MORSS Bradford MA	KONP Port Angeles WA*
2300	Stan MORSS Bradford MA	KPUY Puyallup WA*
2250	Norm MAGUIRE Albuquerque NM	WAGM Presque Isle ME*
2225	Bob KNOX Newton NJ	KUCB Blythe CA*
2200	Norm MAGUIRE Albuquerque NM	WGUY Bangor ME*
2140	Frank WHEELER Erie PA	KONP Port Angeles WA*
2130	Frank WHEELER Erie PA	KBPS Portland OR*
1860	Bob KNOX Newton NJ	KOBE Las Cruces NM*
1795	Geoffrey PARRISH Deerfield IL	KEED Eugene OR
1600	Ron SCHILLER Monmouth Bch NJ	KLMX Clayton NM
1470	Don KASKEY Galva IA	WWPB Miami FL*
1450	Ralph SPERRY Fairfield CT	KWMB Williston ND*
1440	Don KASKEY Omaha NE	KWRO Coquille OR*
1285	Mike HEPPE Houston MS	KVSL Show Low AZ
1235	Jerry STARR Hubbard OH	KLMX Clayton NM
1210	Andy RUGG Pointe Claire PQ	WMPJ Daytona Bch FL
1135	Michael SCHEEL Davenport IA	KVSL Show Low AZ
1065	Ernie COOPER Provincetown MA	WMPJ Daytona Bch FL
1055	Brett HANAVAN Chula Vista CA	KSNY Warrensburg MO
1055	Paul MOUNT Teaneck NJ	KOKO Warrensburg MO
1050	Ralph SPERRY Fairfield CT	WWPB Miami FL*
1045	Alan IMPRESCIA New York NY	WSPB Sarasota FL
1020	Tom SUNDSTROM Willingboro NJ	KOKO Warrensburg MO
995	Brett HANAVAN Chula Vista CA	KXXL Bozeman MT
960	Tom SUNDSTROM Willingboro NJ	K7PM West Plains MO
945	Geoffrey PARRISH Deerfield IL	KLMX Clayton NM
930	Andy RUGG Pointe Claire PQ	WQSN Charleston SC
910	Alan IMPRESCIA New York NY	WDIG Dothan AL
890	Russ EDMUNDS Parsippany NJ	WMPJ Daytona Bch FL
890	Gary HOUDEK Munden KS	WBSR Pensacola FL*
865	Neil DICKERSON Sharptown MD	WSPB Sarasota FL
860	Bill HARDY Aberdeen WA	KDXU St George UT
860	Nancy HARDY Aberdeen WA	KDXU St George UT
845	Bill LACKEY Kingsville TX	KOPO Tucson AZ
830	Ron MUSCO Windsor CT	WMPJ Milledgeville GA
825	Russ EDMUNDS Parsippany NJ	WCVS Springfield IL
815	Jerry STARR Hubbard OH	WMPJ Daytona Bch FL

810	Dan PHILLIPS Jacksonville AL	WMFT Clinton TN*
805	Robert WIEN San Jose CA	KXXL Bozeman MT
795	Bill HARDY Aberdeen WA	KTIP Porterville CA
790	Gene NIX Billings MT	KVSL Show Low AZ
770	Forest OSBORN Hooker OK	KXXL Bozeman MT
765	Neil DICKERSON Sharptown MD	WDSG Dyersburg TN
765	Rick CARR Bloomington IL	KAYC Beaumont Tx
730	Jeff FALCONER Clinton ON	WMPV Milledgeville GA
720	Paul MOUNT Teaneck NJ	WMPV Milledgeville GA
715	Jeff FALCONER Clinton ON	KOKO Warrensburg MO
695	Dan PHILLIPS Jacksonville AL	WLEU Clinton TN
685	Robert WIEN San Jose CA	KVSL Show Low AZ
675	Forest OSBORN Hooker OK	KDXU St George UT
655	Stephen MCINTIRE Des Moines IA	KLMX Clayton NM
645	Rich EDDIE St Louis MO	WFTR Front Royal VA
640	Nancy HARDY Aberdeen WA	KEST San Francisco CA
630	Michael SCHEEL Davenport IA	WRLE Lexington VA
610	Rich EDDIE St Louis MO	KAYC Beaumont TX
600	Karl JETER Atlanta GA	KOKO Warrensburg MO
595	Ron MUSCO Windsor CT	WIBM Jackson MI
590	Gary HOUDEK Munden KS	KRZY Albuquerque NM
580	Harry HAYES Thornhurst PA	WASK Lafayette IN
580	Rick CARR Bloomington IN	WFTR Front Royal VA
560	Stephen PONDER Ft Worth TX	KRZY Albuquerque NM
530	Harry HAYES Thornhurst PA	WHSC Hartsville SC
505	Stephen MCINTIRE Des Moines IA	KSIW Woodward OK
480	Bruce WINKLEMAN Greensburg NC	WMPJ Daytona Bch FL
475	Frank DAILEY Preston CT	CFAB Windsor NS
460	Bill TOWNSHEND Washington DC	WQSN Charleston SC
455	Bill LACKEY Kingsville TX	WNAT Natchez MS
455	Dave SCHMIDT New Castle DE	WMYB Myrtle Bch SC
450	Jeff KOSNETT Charleston WV	WQQT Savannah GA
440	Dave SCHMIDT New Castle DE	WHSC Hartsville SC
435	Bruce WINKLEMAN Greensboro NC	WLAY Muscle Shoals AL
425	Bob WESSOLOWSKI Milwaukee WI	KOKO Warrensburg MO
410	Mike HEPPE Houston MS	KAYC Beaumont TX
390	Ernie COOPER Provincetown MA	WOL Washington DC
355	Bob WESSOLOWSKI Milwaukee WI	WXVW Jeffersonville IN
325	Karl JETER Atlanta Ga	WXVW Jeffersonville IN
300	Jeff KOSNETT Charleston WV	WMOC Chattanooga TN
290	John BOWKER Valparaiso IN	KLWW Cedar Rapids IA
215	Gene NIX Billings MT	KVGC Wolf Pt MT
205	Frank DAILEY Preston CT	WFPG Atlantic City NJ
195	John BOWKER Valparaiso IN	WCVS Springfield IL
175	Jeff KOSNETT Charleston WV	WMOH Hamilton OH
140	Stephen PONDER Ft Worth TX	KCYL Lampasas TX
	with apologies to Norm...	
1860	Norm MAGUIRE East Hartford CT	KOAT Albuquerque NM*

\*=logged before 1960



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## ATLANTA CONVENTION REPORT

The convention started May 16 with the usual early arrival of Don Erickson. (Don prefers to arrive early enough to get on the state unemployment rolls) This was OK—we needed practise driving the cross country sojourn to the Atlanta airport. Clements and Zondlo will insist that we needed more practise inside the airport, having misplaced them for many hours inside the vast confines. Otherwise, all arrived at the Northlake Hilton without a hitch to start the convention.

Friday's arrivals were treated to a rarity—an FCC monitoring station. Banks of kilo-dollar receivers and sophisticated antenna systems put us all back in our places. Further touring Saturday took us to WSB AM-FM-TV (clear channel 50,000 watts as Aubrey Morris told us at least 2 dozen times, hi), a UHF/FM transmitter and tower complex, and Underground Atlanta. Ted Fleischaker toured local credit card agencies in an attempt to smash the Guinness record—somewhere around 500 cards I believe. Upon returning, Schatz and Hutton calmed down the crowd by assaulting all with technical mish-mash.

As usual, the auction was the highlight of the Convention. Somehow we managed to make the crowd part with \$513, thanks to the Attila the Hun style techniques of Mr. Fleischaker. It works every year!

Affairs of interest Sunday: (1) Gerry (TRF) Thomas won the hidden transmitter search with his super rx. Don Shearer has asked us not to reveal the true output power of the homebrew transmitter but I will point out that it took two people to carry the entire thing back into the woods. (2) the Beverage DXpedition caused permanent ear damage to the attendees due to the incredible static. In between crashes we did manage to hear a handful of splits at a reasonable level. By the way, I didn't appreciate all those comments about the sloppy appearance of my shack—I had spent most of Sunday afternoon straightening up the mess. Let Karl Jeter tell you the way it usually is!

All told, everybody seems to have had a good time. We sure did—hosting a convention is not nearly the trouble some would lead you to believe. We were very pleased with the crowd—all totalled we had 73 people registered from 19 states, 2 provinces, and 3 countries. The breakdown:

Alabama: Dan Phillips  
 California: John Clements, Don Erickson, Rich Segalas, and Eric Rittenhouse (in transit)  
 Connecticut: Ron Musco  
 Florida: Jeff Lockwood, Ron Schatz, Gerry Thomas and wife  
 GEORGIA: Greg Hardison, Paul Hart, Don Shearer and wife, Karl Jeter, Don Davis, John Harris, Chuck Hutton and wife  
 Kansas: Gary Houdek, Rob Keeney  
 Kentucky: Gary Atkins, John Hoogerheide and family, Pat Hartlage, Dick Truax, and Ted Fleischaker  
 Illinois: Karl Forth, Roger Gianninni, and Beldar, Jeff Roberts, Mark Strickert  
 Indiana: John Zondlo  
 Massachusetts: Glenn Cooper, Ernie Cooper, Warren Greenberg  
 Michigan: John and Jerry Robertson  
 Missouri: Walt Breville, Lou Buehler, Rich Eddie  
 Nebraska: Rolland Lindblade, Bob McCoy, Ernie Wessolowski, Neal Zank  
 New Jersey: Joe Fela, Paul Mount, Elliot Straus  
 New York: Jerry Bond, Ken Chatterton, Chuck Rader  
 North Carolina: Jack Parks and family  
 Ohio: Ed Krejny, Frank Merrill, John Sally, Jerry Starr and wife, George Greene  
 South Carolina: Harry Helms, Rick McFadden  
 Tennessee: Steve Francis, Glenn Hauser, Wayne Murphy  
 Virginia: Alan Merriman, Harry Jones and family  
 Alberta: George, Cameron, and Leonard Kesteven  
 Ontario: Dave Whatmough, Mark Kulbacki, Dave Grimm  
 Dominican Republic: Cesar Objio

I will close by relaying a comment of my wife's made at the banquet, her first view of NRC'ers— "some of them look almost normal!"

(Thanks Atlanta for the report! Flywheel did his thing which follows before your report arrived....Pat)

WE'LL SEE YOU  
 IN ST. LOUISIS!!!!

## CONVENTION REPORT....REVISITED

It's been a few weeks since I got back home, but I guess its better that way, because I always say you can't tell a convention until you hear what people say about it--that's why I am convinced that the recent Atlanta NRC get together was about the best we've ever had (I say ABOUT the best because if I said it was the best I'd likely be in the midst of an open rebellion by the Louisville crew that hosted in 1976!)

### RIGHT AWAY

At any rate, since we did not receive a convention report, from the folks in Atlanta (no doubt because they are still sobering up and calming down from it all) I decided to do the honors. All names have been kept to keep the guilty from hiding and all places are as we remembered them with the poor memory we have. Who can ever forget:

--The look on Lou Buehler's face when he discovered he'd have to outbid 50 other guys just to get his ashtray back during the auction.

--The equipment (drool!) that we saw at the FCC Monitoring Station in Powder Springs, Ga. (just outside Atlanta).

--The banquet---this was the first time I know of in NRC history the hotel managed to find enough food to feed a whole horde of half-starved NRCers!

--The Kesteven's van (especially after we found out what Cameron did to get it looking that way!)

--The appearance of some DXers who have not been to conventions in years--or ever! The likes of Ron Schatz and Caesar just to name two who fall into this category--as well as Eric Rittenhouse, who showed up for a visit on the way from Washington, D.C. to San Francisco (Eric, you couldn't even find Indiana in 1976--how'd you locate Atlanta??!!)

--Having a look at International DX Digest Editor Chuck Hutton's antennas and rig. I didn't get over there, but the reports on the beverage party were favorable but they tell me it's a good thing I didn't show because they had more people than space!

--The expression on George Greene's face when he almost lost his swim suit during one of the frequent NRC swim parties in the motel pool.

--Host Karl Jeter's expression when he found out that the soft drinks had been left in Louisville!

--Paul Mount's sign which said he'd trade anything for T-shirts with anyone anytime. Wonder if his mom will ever find out he traded his sister for two KQED shirts!

--Going with Rich Segalas and yours truly shopping, er, ah, charge card application collecting. Happily, we all made it and at last count Rich and I are doing very well getting Atlanta charge cards, thank you!

--Rodger having the nerve to use a radio and even attempt to DX during a DX convention!

--John Zondlo's voice when he called the motel for the third time to see where Karl was because there were four or five NRCers stranded at the airport (John, oh John!!)

--The burning (during the auction) of a photograph of a certain, not to be named, DXer.

--The fact that we managed to pawn off all of the stuff we had at the auction and make a profit for the club. Don Erickson, special thanks to you! Also, will whoever bought that 1887 wire recorder please check with the front desk, the Kiwanis meeting in that room does not want it!

--The look on the crowd when Wayne Murphy announced the last WBIE T-shirt! Thanks to those who gave the shirts--WBIE, WSRD and otherwise!

Well enough memories--we hope that all had as good a time in Atlanta as members of the publishing committee decided they did--we also hope that all are already planning to be in St. Louis next Labor Day Weekend--that way next year we can write about you. I've already reserved my rent a wreck and plan to attend--don't miss it!

P.S. Special thanks to the gang in Atlanta for the great job this year, because seriously, putting on a convention is no easy job--just ask us in Louisville--we know...OH, DO WE KNOW!

Wolf J.

# Yo Ho Ho, and a Bucket of Megawatts

The Tale of a Pirate Radio Station

Somehow, the idea of bobbing about the North Atlantic on a tiny tramp steamer with a giant antenna towering overhead, doesn't make a lot of sense, right?

Especially when there's an "illegal" 50-kilowatt transmitter boiling away belowdecks, two other 10-lw rigs standing by, and deejays in the studios trying to keep needles on records and thread tapes or read news.

All sounds a bit crazy, but when you're a pirate radio station blanketing western Europe with a giant signal and are the hottest-rated radio since U.S. Top 40... well, maybe life aboard the Motor Vessel *Mi Amigo* makes a little more sense.

They're called pirate radio stations because they are unlicensed by any governmental authority. English and Dutch legislation has attempted to put the outlaws out of business by scuttling their supply sources. But the buccaneers keep

The MV *Mi Amigo*.



modulating along, sporting the names **RADIO CAROLINE**... and **RADIO MI AMIGO**, to the best of BP&P's knowledge the two remaining pirate radio services currently operating off the coast of England... or is it Holland?... or maybe they have moved again to a set of coordinates outside the Portuguese international boundary.

Financed by European entrepreneurs who know a good thing when they see it, these shipboard stations sell advertising, ride out incredible coastal storms at anchor, add to their owners' wealth and build the fame of disc jockeys with names like Stan Haag, Frank van der Mast, Hugo Meulenhof, Herman de Graaf... not household words to American programmers, but top-rated talent in Belgium, England, Holland, Germany and wherever else their signals go.

The pirates are a sore point with various European governments which can't shut the stations down. One Parliament after another has passed laws forbidding the seagoing broadcasters. They've been on and off the air, moving from one ship to another, ownership changing, frequencies shifting and whatnot for the past 13 years or so. Government authorities are reluctant to part with much information about them. Record companies don't want to discuss pirates too much these days, but the good ship *Mi Amigo* always seems to get early pressings of new product which then jumps to the top of European popularity charts

after being exposed on 319 meters (think of it as 963 kHz, according to Jan de Boer and Leen J. Meyer of the Golden Arrow Free Radio Association International and of Radio Caroline FM/AM).

They've also used 212 m (1412 kHz) and assorted other channels over the years, all in the broadcast bands and all competing more-or-less successfully with the government-operated radio services which explains why various Parliaments aren't too pleased with their existence.

de Boer and Meyer wrote to BP&P last November, offering a story and pictures of the clandestine operation which served as the basis for this article.

Both Radio Caroline and *Mi Amigo* transmit from the MV *Mi Amigo*, a steel schooner converted to a motorship in 1927 and outfitted as a floating transmitter complex in 1960. The original program was called Radio Nord; the market was Scandinavia.

The Scandinavian governments joined forces to forbid offshore broadcasting, which they could enforce because no re-supply ports were available. The MV *Mi Amigo* was then purchased by an Irish millionaire by the name of Ronan O'Rahilly, who changed the name of the radio station to Caroline as a salute to Caroline Kennedy's happy smile (O'Rahilly was a great JFK admirer).

Said O'Rahilly at the time, "Caroline Kennedy's smile is making me happy and



Wil Van der Steen behind the mike, and Mike Morkens in the Caroline Studio.

that happiness and joy is something which I want to express in the programs broadcast on Radio Caroline."

Radio Caroline was an English-language signal, beamed to the British Isles until passage of the Marine Offences Bill in 1967 (another measure aimed at powering down the pirate broadcasters), when the ship was anchored off the coast of Scheveningen. This lasted until all the advertisers jumped ship (about a year later), at which point Radio Caroline suddenly disappeared.

Some four years passed, when the MV *Mi Amigo* moored in Amsterdam Harbor, transmitters silent. She then sailed again for the coast of Scheveningen, thanks to the finances of Dutch businessman Gerard van Dam, for whom O'Rahilly ordered his crew to resume transmitting Radio Caroline. A combination of heavy damage to the ship (which meant difficult repairs in open sea), no food aboard, unpaid crew members and a generally unprofessional operation forced Caroline off the air again after only four months.

Reprinted from Broadcast Programming & Production March/April 1978

Written by Jim Holston

A Belgian organization then bought airtime: Radio Atlantis went on line in July of 1973. Shortly thereafter, Atlantis went dark as an entrepreneur named Sylvain Tack outbid Atlantis owners for their air talent to put his own station on the air.

Tack's new service was named for the ship: *MI AMIGO*. The pitch was: "Love... Peace... Good Music." The deejays taped their programs ashore in various studios in Belgium and Holland, and tapes were regularly ferried out to the floating transmitter for broadcast.

As *Mi Amigo* popularity began to build, Caroline was reformatting somewhat along American AOR lines with British deejays. *Mi Amigo* concentrated on Top 40.

Holland passed its own Marine Offences Act in 1974. This meant "up-anchor!" once again, and MV *Mi Amigo*, high-powered transmitter wailing away, sailed to a point in the estuary of the River Thames, about 15 miles off the coast of England. Caroline deejays continued onboard live operations, but promoter Tack by this time had moved his operations to Playa de Aro, some 80 miles from Barcelona in the Costa Brava region of Spain.

He did so for two reasons:

(1) He bought up a number of apartments, hotels and houses to take advantage of the tourist boom, and

(2) Belgian police had just lowered the boom on most of his deejays, while Spain was the only European country which had no objections to pirate radio stations.

BP&P has been able to learn only fragments of the James-Bondish departure of the mysterious Mr. Tack in his white sports car one cold January, 1975, night, just ahead of the gendarmes as he crossed the Spanish frontier. But he evidently made it.

Tack's objective was to find legal means of approaching advertisers and shipping programs out to the MV *Mi Amigo*. He worked out an elegant, complex scheme with two Costa Brava stations, Radio Geron and Radio Popular, which employs the *Mi Amigo* deejays. Advertisers buy time through an agency which purports to represent Geron and Popular, and to everybody's great and wide-eyed surprise, lol! The commercials miraculously appear on Radio *Mi Amigo*.

Apparently, though, it really isn't nice to fool Mother Nature. Saturday night, November 8th, 1975, a Force Nine gale blasted the North Sea and set MV *Mi Amigo* adrift in towering, crashing seas. The crew frantically set a spare anchor, but in a few hours MV *Mi Amigo* was blown around on a sandbank just off the English coast at Margate.

Somehow, *Mi Amigo* and Radio Caroline remained on the air. Caroline deejay Simon Barrett was found by rescuers still broadcasting while wearing his life jacket. Thousands of calls from panicky Caroline listeners flooded the Coast Guard Margate headquarters. A few days later, tugboats towed MV *Mi Amigo* back to her original position, while Force Eight to Nine gales continued to pound North Sea shipping.

According to de Boer and Meyer, the Belgian and Dutch towing companies which assisted *Mi Amigo*, were hauled into court for their troubles. One Scheveningen man testified he didn't know the purpose of the ship because at the time he was aboard it

wasn't broadcasting. He was evidently the only one not sentenced. Others who were found guilty, were fined 3,000 to 6,000 Dutch guilders (approximately \$1,320 to \$2,640, U.S.).

But, as the song says, the beat goes on.

*Mi Amigo* added news to its program service in January, 1976. Its operators claim this adds a more professional character to the product. Three newreaders provide information to the Benelux countries, but in true pirate fashion the news is taped from the official Benelux radio stations and from various shortwave broadcasts, re-worked (sometimes) and then re-broadcast. No self-respecting pirate would pay for a newswire!

*Mi Amigo* has since begun live shipboard operations, and listeners seem to respond to the feeling of being on board ship themselves. Golden Arrow spokesmen Jan de Boer and Leen J. Meyer report that the most recent ratings (October, 1977), show *Mi Amigo* with 70 per cent of all radio listeners in Belgium, and that listenership in Holland is growing rapidly.

Maybe they're really giving the people what they want to hear.

Or, perhaps it's that fantastic signal.

Your Chief Engineer will (patiently) explain the importance of good ground conductivity in a longwave antenna counterpoise. That's why AM stations use radials. Seawater is an excellent conductor, so a low-frequency (longwave) AM signal radiated from an antenna mounted over saltwater is just about superb. According to the *Mi Amigo* engineers, their 50-lw signal is roughly equivalent to a 100- to 150-kilowatt non-directional broadcast transmission.

The station is so powerful that just a few years ago they set up a radiotelephone patch hookup with Hilversum-3, one of the official Netherlands broadcast services (the "legal" stations). Hilversum-3, only partly in jest, complained that *Mi Amigo* was so loud it was interfering with some of the Hilversum-3 coverage area, and would *Mi Amigo* please be good sports and turn it down just a bit?!

There is no record of the shipboard comments from the *Mi Amigo* engineers after that historic dual broadcast, while they undoubtedly tried to crank a few thousand extra watts out of their 50-kw main transmitter which is still in use today.

What's life on board a pirate radio ship really like? Boring, cramped, clammy, and sometimes downright scary. A small crew must share close quarters scattered through the rusting old hull anchored at the mercy of the open sea. Re-supply of food, fuel, new records, and commercials is chancy, not only because of the natural hazards involved but also because of the uncertain status of the whole enterprise from day-to-day.

*Mi Amigo* is a daytimer, signing off at 7 p.m. when Radio Caroline goes on the air until 6 a.m. the next day. The equipment is old but it works. The transmitter complement is one main 50-kw rig, one 10-kw standby and another 10-kw designated

as a "spare". The little ship contains two studios, using the same mixing consoles (Gates Studioettes) that were part of the old Radio Nord. Revox open-reel decks, Garrard turntables, Sony cassette decks and Sennheiser and AKG microphones plus assorted shortwave receivers make up the rest of the equipment inventory... plus one giant 65-meter-long antenna brought aboard in five sections and mounted during another Force Nine gale in 1973 by what are described as "some specialized people" who have built other shipboard antennas for other pirate radio operations over the years.

The weight of the antenna, plus its tendency to try to make the little hull turn over in a high wind (sailors call it "capsizing"), require an enormous counterweight under the hull which is called a keel. Even that huge weight below the waterline won't completely stabilize the ship's motion in heavy seas, so a prerequisite of employment is a well-developed set of sea legs. It's a bit risky, too. Any hull that heavy would sink like a rock if it ever sprung a leak. Also, the presence of those high-power transmitters and all that generator fuel could under certain circumstances make life aboard a bit like living atop a floating bomb with a lit, sputtering fuse.

Saltwater tends to be pretty corrosive, which means constant equipment cleanup and preventive maintenance just to stay on the air. Ever see what happens to a tape recorder when tape gets glued to a wet, sticky pinch roller? Euch!

You can get a little more of the picture of life upon the ocean waves if you read some of those old sea stories about the weevils in the hardtack, stale drinking water, scurvy, open sores and assorted good stuff which all combines to make day-to-day existence much, much less than a picnic.

And, of course, if you run out of fuel and the generator goes dead, so do Radio Caroline and *Mi Amigo*, until the tender shows up with more petrol. Fuel transfer from ship-to-ship must really be fun, too.

What about records and tapes? Major record companies are tightlipped about the pirates as mentioned earlier in the article. The official position seems to be that the pirates do not exist, and would not be supplied product even if they did exist. There are two discrepancies, though:

(1) That 1975 raid which netted several *Mi Amigo* deejays and technicians and which led to the exodus to the Costa Brava, also bagged two record company executives in the studios at the time; and

(2) *Mi Amigo* entrepreneur Sylvain Tack (in addition to owning the program service) is also the owner of several record companies.

New music somehow finds its way to the ship. It will probably continue to do so.

Why would anybody in his (or her) right mind, want to be a deejay on a pirate radio station? Partly money, especially for the best-known jocks, but mostly for the kicks of being so widely exposed to the European market. Most countries offer only a few

government-owned radio services. A pirate station stands a good chance of developing a large listening audience. It's almost like a clear-channel in this country. The difference, of course, is that American AM radio offers a wide diversity of signals all the way up and down the dial, so a pirate would have an enormous battle on his hands just to be heard. Not so in Europe, where a small number of those jocks who have been involved with one or another pirate operation for a few years, have become the best-known personalities in several nations.

Some of this glory rubs off a bit in the pleasant, calmer summer months, when tourist boats have been known to bring visiting listeners (and a few curiosity-seekers, no doubt) alongside MV *Mi Amigo*, radios playing Caroline from the bow or *Mi Amigo* from the fantail, just to see if the pirate vessel is for real. One summer evening, *Mi Amigo* deejays and engineers string a hand mike out of the cabin porthole and broadcast a live welcome to just such a group, as the sun slowly sank into a placid North Sea.

So despite the combined efforts of the Dutch and British authorities to muzzle Radio Caroline and *Mi Amigo*, the stations continue to emanate from the little steel former schooner converted to a floating, bobbing antenna. Deejays keep broadcasting those surreptitiously-obtained records and commercials, the tenders keep ferrying out the food, water and generator fuel, the newscasts from the legitimate stations keep being processed and re-broadcast, and with a minimum of paid promotion, the audiences seem to keep on growing.

What's the future of *Mi Amigo*? Who knows? Entrepreneur Tack reports he has been given a license to broadcast on shortwave by President Stroessner of Paraguay, and has formed a company to do just that. One disadvantage of the little ship's transmissions has been the lack of FM capability, which normally wouldn't provide much coverage because of the line-of-sight propagation characteristics. And yet, if one believes the signatures of *Mi Amigo*/Caroline/Free Radio correspondents Jan de Boer and Leen J. Meyer, Caroline at least is now FM as well as AM.

Continued government efforts to silence the pirates are likely, but success if questionable. *Mi Amigo* seems almost unsinkable.

Perhaps Mother Nature will determine the fate of these waterborne pirates of the European airwaves, who take advantage of the limited signals from small numbers of government-owned stations to broadcast everything from Top 40 to classics, interspersed with commercial-after-commercial, lining the pockets of the owners of these illicit enterprises. Could be that some wild Atlantic night, these electronic buccaneers will finally have their last renewal denied by some great wave.

But until then, the people keep listening. *Mi Amigo* in the daytime, Radio Caroline at night... and the beat, though sometimes a bit waterlogged, does indeed go on.



P. O. BOX 1380  
FRANKLIN, TENNESSEE 37064



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# PATTERN BOOK UPDATER

The following is from Frank Dailey. It includes all "call letter" changes to the Pattern Book since its last full revision. Updating of patterns themselves has been planned for some time, but was temporarily shelved while we worked on the new Domestic Log. With the Log now out of the way, we'll be stepping up our efforts to catch up on the patterns. Please bear with us.

Freq.	Ref. No. In PB	Old Call	New Call	Freq.	Ref. No. In PB	Old Call	New Call
600	7 20	WMBR KVCV	WSNY KSXO	1280	14 31	CHAM KFOY	CJJD KPRN
620	8	WETE	WRJZ	1290	27	C	CHRM
630	8 10	WSAV CKAR	WKBX CFBK	1300	7	WRKT	WMOD
670	1	C	CHYQ	1310	27 12	KBUZ CFGM is on 1320 erase pattern	KQXE
680	5 6 26	CJCN CFDR is on 680 erase "PO 790" WMSJ	CIYQ WRGC	1320	14	CFTJ is on 960 erase pattern	
790	3	CFDR is on 680 erase pattern		1330	23	KPOJ	KUPL
910	34	KDEO	KMJC	1350	10 20 25	WKLX KKAM CJCR	WHNE KIDN CFYQ
920	18	KFNF	KYFR	1360	2	C	CJVL
930	1	CJON	CJYQ	1370	20	KREL	KWRM
940	13	KHOS	KMGX	1380	4 10 23	WOWW WKKE KUDL	WNVR WRAQ KCNW
950	11	WRMA	WLSQ	1390	18	KLPM	KKOA
970	23 25	KOIN KBIS	KYTE KUZZ	1410	1	C	CIGO
980	13	WPBC	WAYL	1420	7	WRBL	WRGQ
990	2	WIBG	WZZD	1430	10 11	WPFC WENO	WWWQ WJRB
1030	6	W	WOSO	1440	2 10 14	WAAB/WNCR WNBE WAKC	WPTQ WAJL WRBA
1050	3	CJIC	CFYN	1510	2	WMEX	WITS
1090	17	WRSR	WBOZ	1530	4	KNIE/KRNC	KVWO
1150	3 22	WCOP KDEF	WACQ KUFF	1590	3 5 20	WEEZ WISZ KTW/KUUU	WQIQ WJRO KZOK
1250	16	KALO	KLAZ				
1260	11 12	WWYN WIXY	WLKK WBBG				
1270	24	KTFI	KTLC				

Herman Flew also sent in some corrections and changes but these will be included with the next PB updater. Any other members having corrections and changes please sent these to Russ Edmunds, P.O. Box 127, Boonton, New Jersey 07005.

HOW  
5000 WATTS

## WCSC

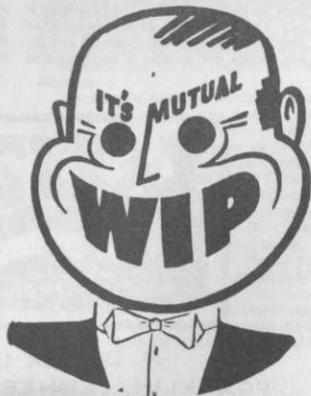
The CBS station for the Coastal Carolinas

1390 Since 1930

Charleston, S. C.'s Oldest and Best Station\*

\*Heeper Survey

Represented Nationally by Free & Peters, Inc.



Who can forget the pleasant hours spent at Mortimer's in Northlake Hilton, our convention headquarters, listening to the fine music of Beldar. Rumor has it he's booked for St. Louis next September. (Photo by Jeff Lockwood).



SOMETHING SPECIAL FOR THE HOLIDAYS? If anyone has any ideas for the issue for December 28, please let us know. Last year we had the "Nostalgia" issue and we'll be willing to do something special again this year if we get enough support. Let's hear from you right away.  
.....Pat

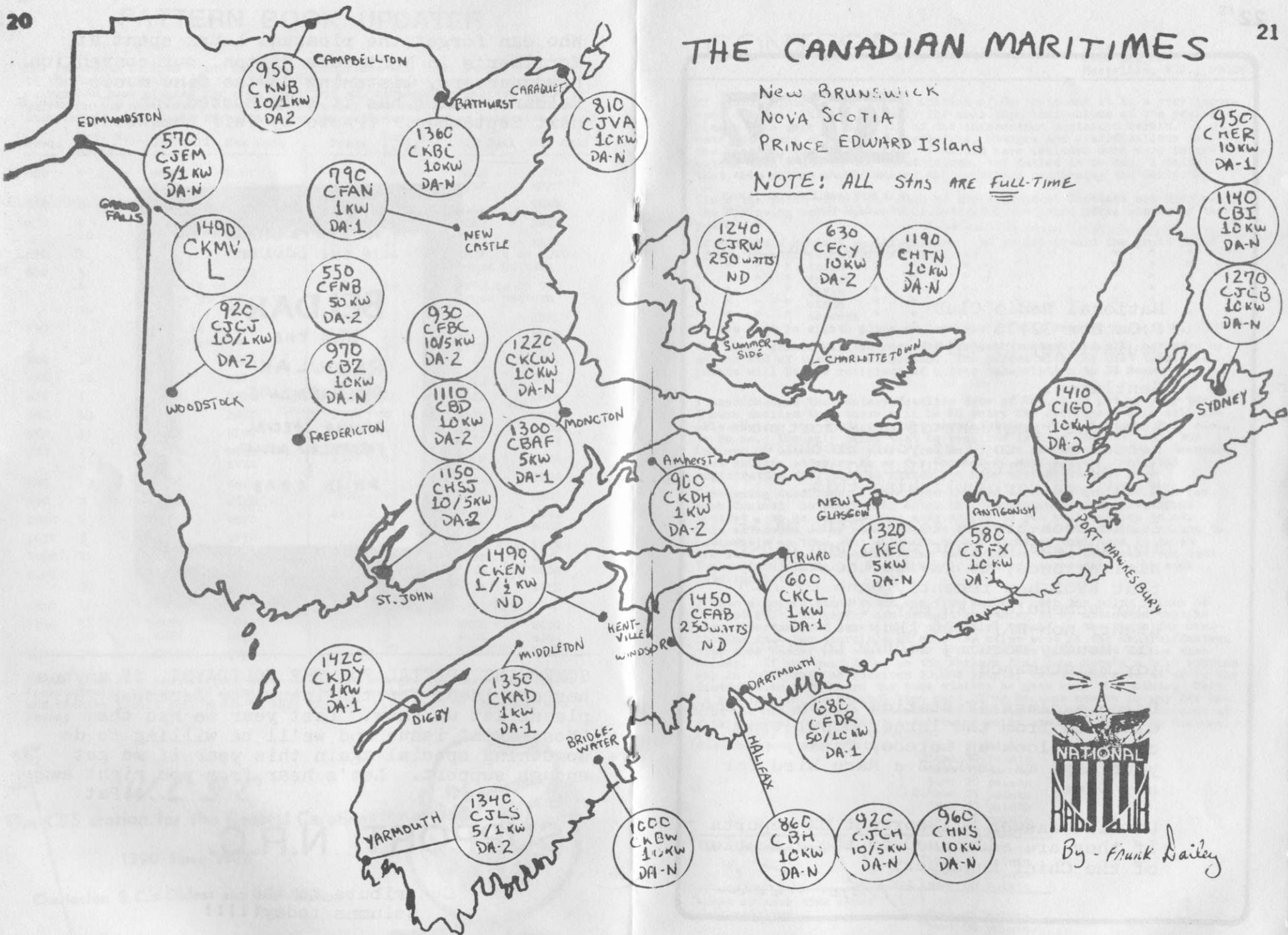
## SUPPORT N.R.C.

Contribute to the  
Columns today!!!!

# THE CANADIAN MARITIMES

NEW BRUNSWICK  
NOVA SCOTIA  
PRINCE EDWARD ISLAND

NOTE: ALL STNS ARE FULL-TIME



By - Frank Dailey



RADIO FULL TIME 1490 kc

P O BOX 1638 LAREDO, TEXAS  
PH 512 723 4396 78040

October 16, 1978

National Radio Club  
P.O. Box 32]25  
Louisville, KY 40232

Gentlemen:

A recent "accident of good fortune" netted me a copy of your brochure THE BROADCASTERS' GUIDE TO DX. I thank you for publishing this.

I had been trying to find the mailing address of your club, and other similar ones, to advise the members that KVOZ has recently gone to a 24 hour schedule (1kw day; 250 watts night; non-DA; 1490 kHz; off the air Monday morning 1:00AM to 5:30AM for maintenance).

Being a class IV station at an extreme distance from the larger population centers (look up Laredo, Texas, on your map) makes KVOZ a Rare Bird for any DXer.

We will answer all correct DX reports if they are addressed to the attention of the Chief Engineer.

*John Tucker*

## CONTESTS

John Kromka  
P.O. Box 86  
Montville, N.J., 07045

Hi again! This is the second edition of Contests and it is a very important column. This is probably the most important column of the year so please make sure to note all of the information contained herein. I have made many alterations, revisions, changes and clarifications to the Contests for this season. I should have included much more information than I had in the first column, but failed to do so. I think that this column should answer ALL questions concerning the Contests.

Since the point values for each of the individual Contests are different, the following point system will determine the grand prize winner of the year:

if you win a contest you'll receive	10	points	toward	the	grand	prize
if you come in second place you'll get	7	"	"	"	"	"
" " " " third " " "	5	"	"	"	"	"
" " " " fourth " " "	4	"	"	"	"	"
" " " " fifth " " "	3	"	"	"	"	"
" " " " sixth " " "	2	"	"	"	"	"
" " " " seventh " " "	1	"	"	"	"	"

if you come in eighth place or less you'll will receive no points.

The point values will be computed for each contest and will be added up at the end of the Contest season. The person with the most tabulated points will be the recipient of a free subscription to DX News.

I have changed the Contest deadline date of Nov. 7 to get me your 30%. I have decided that there will be NO entry fee deadline. This will enable someone who wants to start participating say in January, Feb. etc., to do so. The only thing that is required is that you must send 30¢ (stamps or coins) with your first entry that you submit to me. Everyone that submits an entry to me for Contest #2 must enclose their 30¢ registration fee, that is unless you have already sent me it.

Concerning deadlines, I have also decided to extend the deadlines for each Contest to EIGHT DAYS after the conclusion of each individual Contest, so as to enable as many of you to get your entries to me. This extension on my part makes it tougher for me to get this column to Louisville on time, but what the heck I might as well send it in at the last possible moment. Alter the deadline dates as listed for each Contest(9/25/78 Vol.45 #31 DX News), just add three days on to each deadline date.

I have elicited mixed reactions from members over the point values of Contest #5. One member has brought something to my attention that is very important and something I could kick myself in the pants for overlooking it. Say there's a DX'er a few miles west of the Central/Eastern time zone border and say there's a DX'er a few miles east of the same border. If the said DX'er in the Eastern time zone here's a 50kw station say in California he receives 20,000 points, but if the said DX'er in the Central time zone hears the same station he gets only 500 points. This is not fair to the Central time zone DX'er because now he is way far behind and has NO chance whatsoever of winning the Contest #5. Because of this problem I have made the following point system revision to Contest #5. Please note all alterations:

one time zone away stations:	50kw:	5	points
	25kw:	10	points
	10kw:	15	points
	5kw:	20	points
	2.5kw:	25	points
	1kw:	30	points
	.5kw:	35	points
	.25kw:	40	points

two time zone away stations:	50kw:	15	points
	25kw:	30	points
	10kw:	45	points
	5kw and less:	60	points

three or more time zones			
away stations:	50kw:	45	points
	25kw:	90	points
	10kw:	130	points
	5kw and less:	175	points

One more point I must clarify for this Contest #5. The ONLY stations that will count in this Contest are ones ONLY in the U.S. and Canada.

Concerning all the future Contests all you have to list is the stations heard, plus the frequencies, powers, locations, and point values. This is the format that you should send me. Here is an example of an entry:

station	frequency	power	location	point value
wabc	770	50kw	New York, N.Y.	1
kans	1510	1kw	Larned, Kansas	6

By the way, make sure to list the power at time of your reception. For Contest #3 there is no need to list the power of the station as only 1000 watt stations at time of reception are allowed to count in this one. It is not necessary to list the date and time you heard each station as they are insignificant details.

Since the NRC Domestic Log is the Bible of our club I think it goes without saying that all stations heard in all of the Contests must be included in the NRC Domestic Log, either the 4th edition or the new one, the 5th edition. If you include a brand new station in any one of your entries then it must be contained in either a column of AM Switch or in an NRC Log updater.

For those of you who do not have the NRC Domestic Log that list station formats (4th & 5th editions are the only editions that do) this is what I suggest you do in the situation of Contest #8. For Contest #8 which is a Contest where only stations with a T40 or part T40 format will count, this is what you should do. If you hear a station playing a T40 record include the questionable station in your entry to me and send it to me. I will then check it out with the Log to see how many of them actually count in the contest as T40 stations or part T40 stations. I think that should clear up any problems in Contest #8.

For the rest of the Contests this season it does not matter whatsoever how close in distance a particular station is to your listening post. It can be right across the street or 3000 miles away, I don't care.

An individual contest winner of last year was Frank Wheeler. He was the winner of Contest #8 and was supposed to have received a new NRC Domestic Log. He has reported to me that as of yet he has not received it or the certificate of appreciation. The same also goes for Mike Heppe, who has not received his Grand Prize, the Broadcasting Yearbook. I am checking this out with the Publications Center, Bob Walker, and HQ so don't worry gents, you'll get what's coming to you sooner or later. Any other winners of last season's Contests who have not received their respective prizes, please drop me a line and I will see that you get what you had won.

I received a couple of inquiries over how I prevent cheating in the Contests. I can't! There is no practical way to solve the situation. Someone suggested taping the stations sent in on the entries but that would not work because many members of our club tape stations they hear while DX'ing and what's stopping some one from retaping a station he heard a couple years ago on to the tape he sends me. So you see there is no way to prevent cheating. It's up to each and everyone of you. What are you proving to yourself if you cheat and win a Contest, when probably the others really tried their honest best to win. All I can say is that you out there who cheated on Contest #1 or any upcoming Contest know in your hearts that cheating is the wrong thing to do and please don't do it. You will not gain anything by it. Thank you.

Now to what each and everyone who entered Contest #1 is waiting for:

Rank	Name	C.P.	T.P.	E.P.D.
1	Dan GRADIN	290	290	10
2	Dan LESTER	116	116	7
3	Paul MOUNT	108	108	5
4	Bill HARDY	100	100	4
5	Mike HEPPE	80	80	3
6	Charles GILL	60	60	2
7	Bruce WINKELMAN	47	47	1
8	Nancy HARDY	46	46	0
9	Frank WHEELER	41	41	0

CONGRATULATIONS! to Dan Gradin who is the winner of Contest #1. He really went to town on this Contest, beating his nearest competitor by 174 points! Write me Dan and tell me what \$3.00 worth of reprints you wish.

Abbreviations to the above: c.p.: contest #1 points; t.p.: total points accumulated; g.p.p.: points accumulated towards the Grand Prize.

I am very disappointed by the skimpy turnout for this first Contest. Please participate, whatever happened to all of you out there who wanted Contests in the first place. You have all the time in the world to start participating, but the sooner you do the better chance you'll have of winning the Grand Prize. Just remember to send me 30¢ with your first entry.

I would like to thank the membership for writing me and sending along suggestions, comments and criticisms, etc. They all came in very helpful and all go to making Contests a better column.

Here's an information update:

Contest #2: Stations only with FM affiliates with identical call sign will count in the entries. It will take place from Nov. 8-Nov. 14. Deadline for entries will be Nov. 22. Prize: RCVR reference manual. Check point values in Vol. 45 #31 DX News. Remember if you are entering the Contest for the first time you must enclose 30¢ with your entry. This 30¢ will cover your participating in ALL of the upcoming Contests.

If there are any more problems that exist, even though I think I've covered EVERYTHING, please write me and I will see what can be done.

One more alteration that I forgot to include before. In Contest #8 please change the Bonus to: 25 points for each tester heard with T40 format. Of course, I will remind everyone of you from time to time of all the alterations and revisions.

My hand is just about dead so I'll end the Column with a smile-

*John*

## SIMPLE CHEAP & EFFECTIVE LONGWIRE TUNER

BRIAN SHERWOOD, IRCA/NRC

This longwire tuner will provide a means of tuning a longwire to cover the ECB. By doing this, another stage of selection is added ahead of the receiver, thus improving the selectivity. The effects are the same as an air-coor loop; "peaking" the tuner at the desired frequency attenuates the slop from nearby stations, an obvious advantage over an untuned longwire.

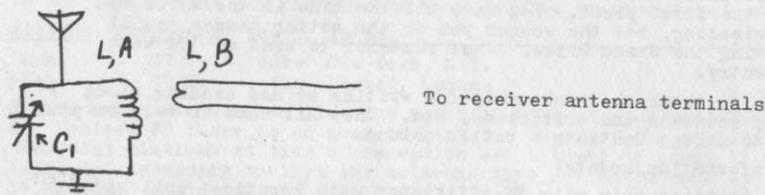
How it works: in a parallel resonant circuit,  $L_1$  and  $C_1$  form a "trap" for signals at the peaked frequency. The peaked frequency ("F<sub>r</sub>") signals are not shorted to ground, but rather keep circulating between  $C_1$  and  $L_1$ . The current going through  $L_1A$  is picked up by  $L_1B$  and sent to the receiver. The circuit does not present as much of an opposition to other frequencies, and these are bypassed to ground. The audible effects are the same as when a SM-1 or other loop is peaked.

The circuit is quite simple, follow the diagram and you should have no problem.  $C_1$  is a standard 365-pF "tuning capacitor" you can swipe out of any old ECB receiver,  $L_1$  an adjustable ferrite-core loopstick as formerly offered by Radio Shack. If an adjustable-core loopstick is unavailable, the flat antenna bar from an old ECB receiver (pocket model) can be substituted, but then a small "trimmer" of about 3-30 pF will be required across  $C_1$  to adjust it in lieu of the adjustable ferrite core in the loopstick; many 365-pF tuning capacitors from cheap receivers have these build-in, the two little adjustment screws on the bottom or back.

To use it: set  $C_1$  just the barest little bit short of fully closed, and peak  $L_1$  slug for a peak on 540. The unit should now tune the entire ECB, if the right components are used. If you are using a fixed loopstick, adjust the  $C_2$  trimmer instead of the ferrite core. A very few receivers (surplus mostly) may require a 200-pF capacitor in series with  $C_1$  to reach the top of the band; if so rig a switchable short across it to reach the lower end. If the unit will not tune all the way down to 540, put the 200-pF capacitor in parallel with  $C_1$  and rig a switch in series with the 200-pF capacitor to disconnect it when turning the upper part.

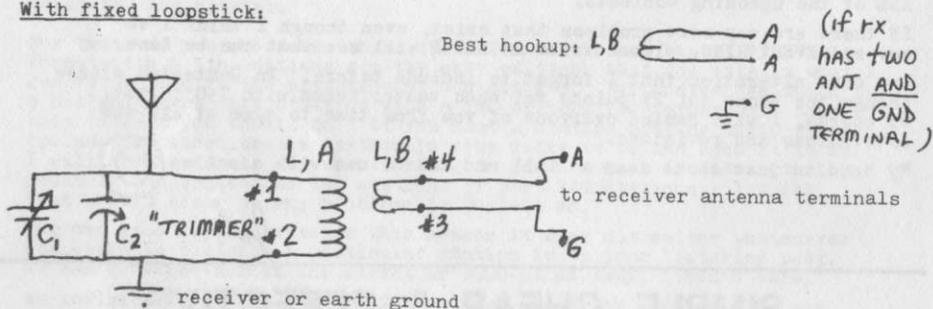
Well, that's all there is to it. Any questions can be directed to me at 221 Larch Avenue, Elmhurst, IL 60126. 73's and best of DX de BPS.

With adjustable loopstick:



N.B.: L,A is main inner winding; L,B is 5-turn outer winding.

With fixed loopstick:



(if RX HAS TWO ANT AND ONE GND TERMINAL)

N.B.: On some flat loopsticks "2" and "3" are connected together, if so make sure "2" and "3" are on the grounded side and "1" and "4" are on the "hot" side of the circuit.



Kansas City, Mo.—  
Basic ABC for Mid-America



5000 WATTS DIRECTIONAL OVER NEW YORK

Letterheads,  
Logos from  
1947/1948  
from John D.  
Bowker

IN ROCHESTER, N. Y. IT'S

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★ MUSIC  
★ SPORTS

AT  
**680**  
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THERE'S THAT VOICE AGAIN!..

DOMINATING  
Central New York

WDR  
5000 WATTS  
1200 S.S.

## Radio Enthusiast Picked Up Stations in 48 States

Harley Steward has a unique way of traveling across the country without ever leaving his home. He is one of the few standard broadcast radio hobbyist in the country, and, to date, he has verified 777 standard broadcast stations from all 48 contiguous states.

Steward became interested in radio at age 13 when he had a crystal set. Six years ago his interest increased and his aim was to receive as many standard broadcast stations as he could. This, he says, is called "DXing."

After Steward receives a station, he listens to its advertisements and waits to hear the call letters. Then his wife Marion, sends a letter to the chief engineer at the station say the station's signal has been picked up and would they verify this. In return, the station sends him its DX card (no two are alike) and even thank you letters, bumper stickers and transmission contour maps. All this he saves as a stamp collector would collect stamps.

"Some of these DX cards are just beautiful," he commented. "KDKA of Pittsburgh sent me its 50th anniversary verification card. This is the pioneer broadcast station of the world, and on the card is the history of the station. It says that at one time or another, KDKA has been received by every country in the world."

The hobby is excellent for retired people, Steward says, because it is relatively inexpensive and you get a chance to make friends. "When radio first started in the 1920's, there was a member in almost every family who had this hobby," he related. "Now, there are only 800 members of the National Radio Club, headquartered in Louisville, Ky., throughout the whole country." The National Radio Club is holding its convention over Labor Day weekend in Atlanta, Ga., and Mr. and Mrs. Steward are planning to attend.

The only other DXer in the area he knows of is Frank Wheeler of Wattsburg Road. The two get together to discuss equipment, their hobby and what stations they received.

"DXing is not shortwave radio or amateur radio. DX means long distance," he explained. "You can start off by just using a regular radio, and then go on to purchase other equipment." Steward purchased a 1945 Hammarlund receiver and renovated it himself. He is a design draftsman in locomotives at the General Electric Co. and is quite knowledgeable in electronics. So, Steward designs and builds his own loop antennas. When tuning in to a very low power station, he throws the double switch to a 150 foot aerial (long wire).

DXing is a hobby particularly for the winter months, not just because people don't go out as much, but the atmospheric conditions are conducive to the hobby. "The layers in the air during the winter months act as mirrors, reflecting signals back to earth. There are no electrical storms during this time, thereby, reducing the static," Steward said.

The greatest thrill Steward has had since DXing was to receive WDR in Langenberg, Germany. Another one was to receive WVOO in Tulsa, Okla., the most distant station he has received during the day.

Steward said that the National Radio Club puts out a booklet once a week during the winter months and every two weeks during the summer relating activities and information pertaining to hobby. In this publication, it lists the stations throughout the country that put on special tests for DXers. Steward said he would like to contact some of our local radio stations asking them to conduct special tests periodically.

"On Mondays from 1 a.m. to daybreak, most big stations sign off the air to clean their equipment. One time, when WRVA in Richmond, Va., did this, I was able to pick up a special one-half hour program broadcast by the club on KLUC, Las Vegas," he said.

During the winter months, he takes vacation days from the G.E. so he can monitor the radio during this clearing times. "Sometimes I spend as much as five hours at the radio then," he said. Incidentally, Steward's radio equipment is in the bedroom, but, being considerate, he uses headphones so he won't wake up his wife!

(Story by Vicki Sanfilippo; taken from the Erie, Pa. Times-News, July 2, 1978. This is a fine example of what an individual DXer can do to promote the hobby.) HARLEY - sorry that space limitations didn't allow this to run earlier.

# MUSINGS SURVEY

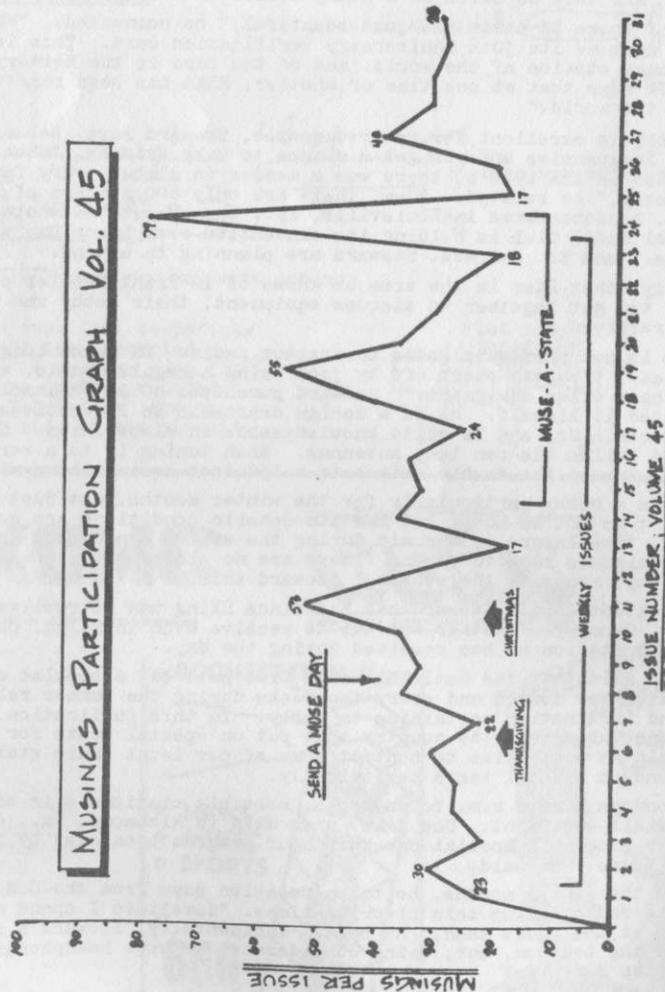
KONSTANTINE RYCHALSKY

The accompanying chart graphically displays the 700+ NRC membership participation (and non-participation) to DX News' Musings section for Volume 45.

In Review: A total of 989 Musings appeared throughout 31 issues of DX News - an average of 31 Musings per issue.

"Send-a-Muse-Day", conceived to pack a Christmas holiday issue of listener's Thanksgiving reports, proved quite successful giving us for the first time for Vol. 45 an issue of more than 50 Musings. Unfortunately, two issues later, the membership participation skydived to its lowest level.

It's Ironic that the highest level of participation was reached with issue number 24 (79 Musings), when the season was coming to an end, weekly issues had ceased, and "Muse-A-State" was in its last chapter.



## MOTHBALL MEMORIES

CHAPTER XC - RADIO SENDS COPS TO SCENE BEFORE CRIME IS OVER. (Part 1) Submitted to HQ by NEIL ZANK, but written by an Al Halus, and the story appeared first in the WLS Radio weekly magazine dated 4/27/35. Neil says it is written from a 30's point of view about the new use of radio by the government agencies in Chicago.

JOHN LAW'S LONGEST ARM. "Squad 41! Squad 41! Go to Jackson and Halsted! A crazy man with a knife is threatening a group of people. Squad 41, go to Jackson & Halsted..." Not a very pleasant assignment that. But it's all in the day's or night's work to the straight-shooting, courageous officers who cruise Chicago's streets in squad cars. The squad car driver stepped on the gas and in only a few minutes the officers arrived on the scene. And they got there just in time to prevent injuries or horrible death to a number of people. That is only one of the scores of tales in the records of the Chicago radio squads. The Royal Northwest Mounted Police enjoy an international reputation for getting their man and for unflinching courage. But no less courageous are the exploits of the more than 600 squads of Windy City police who ride the streets waiting for a call or distress. Times without number they have caught criminals in the very act, so swift is the arm of the law when aided by radio. Just what happens when a citizen calls POL.1313? The call comes in at the main switchboard & is switched to Police Operator #4, for example. Number 4 picks up the receiver, answers and receives the complaint. If it is a major crime, a switch is pushed and immediately Police Radio Dispatcher Bob Black listens in on the complaint. If it is a crime such as homicide which may still be in progress, the complaint is flashed on the air immediately. That is, as soon as the dispatcher gets the address. If it is a murder or a shooting scrape, all the district cars, the supervisor car, the detective bureau and, if necessary, the homicide squad are called. Back at headquarters, while the call is being broadcast by Bob Black, Operator #4 is still trying to get all possible information, including the number of criminals and their description, if possible. This may sometimes require five or six minutes because of the amount of information necessary or the inability of the caller to tell a coherent story. If the crime is on the North side, the dispatcher throws a switch for the Northside transmitter, located at the Town Hall Police Station, and increases volume. When all cars are to be called, three transmitter keys are opened simultaneously to cut in the South and West side transmitters, located at 48th & Wabash and at the Warren Avenue station, respectively. (to be continued next week)

## INTERNATIONAL DX ACHIEVEMENTS

NORM MAGUIRE  
6105 DEL CAMPO N.E.  
ALBUQUERQUE, N.M. 87109

DXer	Location	T.V.	CTYS.	FOR.	South America	Best
# R. Anderson	Virginia	1448	105	514	78	HC2LA Ecuador
H. Wilkinson	California	414	72	390	78	CX-26 1050 1,500w Uruguay
D. Reynolds	California	1368	85	493	73	ZYX-9 1270 10kw Brazil
A. Rugg*	Quebec	1457	60	1259	48	CB-73 730 10kw Chile
B. Dangerfield	Pennsylvania	430	117	353	44	ZP-14 Paraguay
G. Allen*	California	2876	65	540	37	HCJB 974 1kw
R. Schiller	Texas	2166	86	381	37	HCPB-6 1345 3,500w
H. Gustafson	Illinois	851	107	305	33	CB-138 5kw
# C. Freeman	California	1571	67	368	27	PRG-2 1040 Brazil
N. Maguire	New Mexico	3032	82	538	17	CX-18 890 5kw
R. Sperry	Connecticut	1669	42	249	15	CX-28
# A. Imprescia	New York	1573	67	253	15	PJA-5 Aruba, N.W.I.
H. Robie	Massachusetts	263	90	148	14	LRA Argentina
R. Carr	Texas	785	30	119	8	R.A.N.I. 914 Surinam
F. Wheeler*	Pennsylvania	1703	24	189	7	LR-5 830 10kw
# R. Pistek	Illinois	1141	34	121	7	Voz de la Fe, Venezuela 580
# E. Wesolowski	Nebraska	1898	24	168	6	PJD-2
# B. Reynolds	Missouri	1103	28	121	6	LR-3 950
# S. Waterman	Massachusetts	239	39	89	5	R. Demerara 760 Guyana
P. Mount	Ohio	225	6	25	2	HJCY 810 Colombia
W. Powis	Virginia	312	23	208	1	PJB 800 500kw Bonaire, N.W.I.
K. Rychalsky	Connecticut	260	12	48	1	PJB 800 500kw
# J. Kay	Ontario	212	3	154	1	PJB 800
S. Dellit	Australia	362	37	218	0	

All members marked (#) will be dropped next issue. Have carried those members over while moving and getting settled. Would like to invite all NRC members to join or rejoin IDXA. Requires only two updates a year, although you can update any other time you choose. Next month, North America and best verie. Also, listing will be in order of number of countries verified. Good DX and good health to all. 73,

## MUSINGS

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

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

## HOSTS NOTED DANISH SW DX-ER

GARY ATKINS - 2200 West Burnett Avenue - Louisville, Kentucky - 40210

A belated thank you to the gracious hosts of the Convention. You guys did a great job. As always, it was a pleasure renewing old acquaintances and making new ones. On 10/1 & 10/2 I had the pleasure of hosting (Mr.) Carol Feil, the Chairman & Editor-in-Chief of the Danish SW Clubs International. In confirming an address for our exchange bulletin with their BCB editor in Austria I learned that Carol was going to be in the U.S.A. on business and was also going to tour the country visiting DSWCI members. He was going to be passing through Louisville but since there were no DSWCI members here had not originally planned on stopping off here. We had hoped to have a get-together that day so he could meet the other local DXers, but unfortunately he didn't get into Louisville until around midnight Sunday. We did have time to visit Churchill Downs and the river front on Monday and were able to shoot the breeze until about 2:45pm when I had to leave for work. He is a chemical engineer for a brewery in Denmark and a very personable young man. I'm sure the other NRC members around the country who met him will agree. I am finally getting the DX bug again and managed three new ones on 10/1, CX were quite auroral at the time, I might add. At 7:15pm WJTH-900 Calhoun, Ga. w/s/off; 10pm, K00R-1350 San Antonio, & 10:10, KRBC-1470 Abilene, Tex. These were my first new loggings in over six months. I will muse again as my time at the dials increases.

## LOTS OF AURORAL DX PULLED IN

JOHN W. MOOGERHEIDS - 105 Bayside Lane - Brandenburg, Kentucky - 40108

10/1 - F/c-TT noted 4:30-4:45 from WWVY-950, Ky. #85. Fantastic Aurora into Mexico around Monterey this evening. KNCW-1190 noted @ 7:15 along with WMT, both new. WREM-1350 @ 7:15 s/off. WBRV-1540 @ 7pm. WXIN-1000 well over WCLF @ 7:30 s/off. Then AU took. R. Centro-1030 20 over 3-9. "Radio MR" in Monterey, 1140, alone @ 9pm. A big surprise in the KXQD, Rio Bravo, like a local @ 9pm. Barbados w/boxing matches @ 7:30 on 900, and first time in years, VP4RD, R. Trinidad @ 7:45 over the Mexican. I also noted 595, 1165, 1265 solits. QSLs in last week from WJON, WRBC, saying it was their last QSL before call change: KFAI, WJON, WMB, WCRV. Totals now, 716 heard and 411 verified. More on 10/1 AU: R. Mundo, KEN-690 @ 10:30pm; KXPQ-710 in Musquis well atop @ 10:40; KNL-1070 @ 10:45; XEABG-760 @ 11 w/La Hora Allemagne (German Hour): KPH-1330, KWHN-1320 @ 11:15pm. XEAS-1410, a 250-watt in Nuevo Laredo, @ midnight. 10/2 - WJSE-1420 s/off-SSB at midnight. Anyone catch the Ranchero mx after WWWE s/off at midnight? Loud, but no IDs & no Mexicans listed on 1100. KXEN-1500 @ 12:45am, KXFP-660 @ 1. QSL in from KREL-1100 heard same time AS KFAI saying only 1,000w now since fire demolished their 50kw XR, & WITI. KSPR-1590 s/off 7:45pm w/SSB. 10/3 - KGBL-1260, KXLR-1150, & KPWB-1140 all noted around 7:30pm. QSL in today from WHEI, WTSO, KWHN, WKAZ, WTON, WKDQ, WPHG, KWRE & WRVK. Also visits to stations around QSLs from WJON, WLBQ, & new WSRG. Amazing when you visit a station how many QSLs get way-laid. WJON said they answer every report, but I got nil on first reply. 10/4 - Nice Aurora had YMM-620 atop @ 10pm. A big AU on 10/5 had @ 9pm: WSUN-620, WVOJ-1320, WJDK-1460, KMLB-1440, KAMD-910, W00A-1370, so lotsa nice DX noted. I'm up to 751 heard now & still running 67% verile rate.

## THE SEASON'S OFF TO A GOOD START IN OKLAHOMA

FOREST E. OSBORN - 202 North Jackson - Hooker, Oklahoma - 73945

10/9/78

Greetings once again from the Oklahoma Panhandle. Very little listening was done during the Summer due to work, play, etc. In fact Sept. 25 was actually the first DXing this season. On 9/25 @ 2:39am E.T. HJCE-890 with excellent "La Voz de Bogota" ID. At 2:48, KERC-1230 from Sioux Falls, S.D. with good signals on their RS. At 3:08, R. Centro ID on 1030 assumed to be un XEQR, Chihuahua. At 3:39, KVEB-1400 (ex-KEMI) from Henderson, Nev. on RS. Then @ 3:46, KFRU-1400 Columbia, Mo. with good ID. On Sept. 26 from 3:26 to 3:47am, a TT on 1370 looping N/S but no ID; TT also noted on 1380 @ 3:50 but again no ID. At 4, WMBD-1470, Peoria, Ill. on top of the frequency with ID & CBS NX. On Oct. 2 @ 3am, KYA, San Francisco, above the rest on 1260; at 3:10, KXOK-630 w/TT & VID @ 3:15. At 3:20, KAMN-1430 with ad for Bingham Toyota Co. in Fresno & "Country Karm" ID @ 3:22. At 3:25, KOUZ-1590, Clifton, Ariz. on r/c-TT & VIDs. The rest of the night left nothing but unID TTs. On Oct. 4th @ 1:40am, KANE-1240, New Iberia, La. testing per the f/c list but still on until 1:50am. On Oct. 7th from 3:04am until 3:15, KZUL-1380, Parker, Ariz. on r/c per the list; then the rest of the morning of the 7th was spent listening to splits as follows: At 3:22, Spanish guitar mx & a Dracula-type wierd laugh with it on 1204-5 kHz until 3:27 but no IDs!! At 3:36, SS mx on 1125 also no IDs. Any help on these? I was thinking maybe Ecuador. From 3:38 to 4am, carriers were noted on 675, 715, 725, 775, 795, 908, 995, 1005, 1055, & 1265. On Oct. 9, I tried for both CPC TESTs but no luck. I had a little time the other day, so I jerked & checked the tubes from the HQ-150 and replaced a couple. No noticeable improvement, but I'm sure it didn't hurt anything. I really enjoyed the pictures of the Convention, & I'm glad someone was having fun while the rest of us labored on Labor Day, hi. Well, so long for now, 73 & good DX to all.

WE'RE ON OUR WEEKLY SKED NOW, MEMBERS! WE NEED THOSE CONTRIBUTIONS TO MUSINGS FROM LOTS OF YOU OUT THERE IN ALL PARTS OF THE COUNTRY AND BEYOND. PLEASE DOUBLE SPACE & USE A.M. & P.M.

## DYING ON THE CAPE AND ISLANDS

ROY BARSTOW - 70 Heritage Circle - Teaticket, Massachusetts - 02536

617-548-2329

It was a good Summer with the phone company and a little DX to go along with it in the form of a TRF bought in June. In Truro, Mass. at the Morris Skyline Cabins on Route 6A WMLQ-1570 & WKXR-1540 N.H. 6/13, by the Chatham Light, WJBG-1520. 6/14 - In Gay Head, Martha's Vineyard, around 2pm, the following: 540 had N.Y. & one other; 580 WHP & WTAG, 750 WHEB & one more with the same bearing N/S, that is, who could this be? (WEMD?? -ERC) 1500 WJTF Conn. a powerhouse, 1510 WITS & WNLG equal strength, 1580, two there, 1600 WJNG N.Y., 1170, WVLC o/WJMQ. In Madaket, Nantucket: 1170 all WVLC, 1050 N.Y. plus one more. At the Jetties Beach, 1070 CBA Moncton, 1150 CHSJ almost equal to WACQ, & 1270 had WTSN N.H. Gay Head seems like the best spot for DXing. New stations heard lately are: WKDK-1240 S.C. 9/11, CPGO-1440 Ont. 2:20am, CPDA-1380 Que. 2:30am. 3/17, 18, 19 had signals coming across the Pond, Albania on 1394 & 1457 seemed to be // & s/off @ 8pm. On 1223 about the same time I think I had Bulgaria! It was the first good opening to Europe this Fall. 9/21 - WYZD-1560 N.C. on ET 1am to after 2. Around the last few weeks I have noticed a loud carrier around 1550 even during the daytime. (Not noted here, Roy - ERC) 9/23 - WWDJ-970 N.J. 2:31am. 9/24 - WVKO-1580 O. s/off 7:45. 9/25 - CKKW-1090 Ont. 2:05am, XEQR-1030 R. Centro, 2:45am. 9/26 - WFTR-1450 Va. 1am r/c. WTEL-860 Pa. 2pm, WJNE-940 Conn. 4:20pm. Something u/WJTH-850 all day. 9/27 - WASR-1420 N.H. 12:05-12:06am r/c-TT, no code, & said s/on @ 6:05. TAs in again this AM. WJBJ-1240 Md. 1:22am in the mess there. KLTJ-1560 Mo. 2:13am r/c o/the Cuban, WMOO-1550 Ala. ET 4am w/c/w songs, WJJS-600 N.C. w/NBC NX @ 3:05. 9/28 - WVOX-1460 N.Y. 3:30pm, WPNQ-1530 Me. 5pm, IDs as PNO. Today marked the start of AU CX that were fantastic up until around 10/3. 9/29 - WJSE-1560 Fla. TT 1:20am & much later, CKLM-1570 was buried this AM & XERF in there. 1590 sounded like a GY channel. KURA-1010 Ark. 3:58am u/WINS OC; they had c/w. I do not use earphones & if I had them on, WJNS would have blasted me as I had both RF & AF up all the way. My rig is down in the cellar & I use just the speaker, but I do lose signal strength with the SM-2 with cement walls all around. Now I have four stations logged on 1010, hi. WDAE-1250 Fla. 4:40am with oldies. 10/1 - AU CX improving. Before dark, & still able to read newspaper print, ZNSI-1540 Bahamas in good w/SS u/then & Anguilla-1505 also in. U/WQXR-1560 @ 6:58pm was WTAL, Fla by nulling out WQXR as much as possible with the SM-2. HIEL-1510 R. Pueblo, D.R. @ 8:35pm with American tunes, equal to the rest on that channel.

## MORE FROM OUR POET LAUREATE

BILL WURTZEL - 32 West 31 Street - New York, New York - 10001

212-594-4892

10/8/78

If readers think my other poems were bad, let them read this and laugh!

## MUTT &amp; JEFF &amp; THEIR TRF

- |   |  |
|---|--|
| 1. Mutt and Jeff<br>Owned a Realistic TRF<br>They'd DXed each night and day;<br>While sailing on the Aegean Sea<br>They heard Spain and Turkey<br>And picked up distant India's Bombay.   | 4. But they had a great vacation<br>Enjoyed good radio propagation<br>DXing the entire eastern hemisphere;<br>They made a lot of people laugh<br>Even brought home a pet giraffe<br>And drank Arabian coffee and German beer.                |
| 2. When they reached the Middle East<br>Abie Nathan's Voice of Peace<br>Came booming in on fifteen-forty;<br>While in Egypt old Mutt<br>Met up with King Tut<br>And greeted him with "Hello Shorty!"  | 5. When they landed at J.F.K.<br>Their radio was tuned in to a TA<br>They were listening to Dublin, Ireland<br>As they stepped off the Concorde<br>A large crowd began to applaud<br>They were serenaded by a marching band.                 |
| 3. They hated to leave<br>Israel's city of Tel Aviv<br>And head back to the United States;<br>Eating all those kosher meals<br>And watching women in high heels<br>Nibbling on so many oranges & dates.<br>As I close with a 73, let another member of NRC try to write better than me! | 6. Mutt & Jeff said 'It's great to be back,<br>We love that TRF from Radio Shack.<br>On it we DXed a lot of radio stations;<br>It's so great to be back home<br>Our next destination is Rome<br>For the USA is the greatest of all nations!' |

## COMPARES SOME SONY AND PANASONIC PRODUCTS

ROBERT E. FISCHER - Box 80801 - Fairbanks, Alaska - 99708

Well, I've been absent from this section for a good long while and hopefully I'll have more reports this season. Principal DX rig is a Sony ICF6700W with the trusted old TFM8000W as backup. I chose the ICF6700 over the Panasonic models since it offered digital frequency readout on MW & FM. Also it offers smooth tuning and the slowest tuning rate I've seen on any portable for the MW and the FM bands (and the three SW bands also). This compares to about 4.5 turns of the knob on the Panasonic RF4800 which has the MW bands compressed onto a short dial scale. MW coverage on my set goes from about 521 kHz to 1704 kHz. The next band starts at 1549 kHz so I won't be left in the cold if and when the MW band expands above 1600 kHz. I don't know how sensitivity, selectivity or overload rejection of this unit compares to the Panasonic models - there was no selectivity or sensitivity data given in the specifications. Those living in dense signal areas who have a chance to compare the sets might be able to come up with an interesting report. Immediate project here is to track down and eliminate the source of an intense crackling sound which obliterates the MW/SW bands at night, most of the time. More later.

WE WANT TO REMIND OUR MUSERS FIRST, TO MUSE, AND THEN, TO REMEMBER THE 30 LINE LIMIT, AND TO USE A.M. & P.M., E.L.T. IN THEIR TIMES MENTIONED. NO VERILE SIGNERS' NAMES IN MUSINGS!

MOVES LOCALLY, AND DXSS

NEIL G. ZANK - 623 Lyncrest Drive - Lincoln, Nebraska - 68510

10/12/78

I must get motivated and make a Muse. Also, I have made a move in the housing department as I have moved from my apartment to a house now. This puts me quite close to my worst local pest KMS-1430, rr, NSP, et al. But we anticipate that they will be moving their XR site farther away to the E in the future. I had a most enjoyable trip to Atlanta for the recent NRC Convention. Thanks, all of you who were involved. The return trip through Lynchburg, Tenn. provided a photo of ROB KEENEY with his head in a Jack Daniels barrel. Some small DX has been accomplished since my return from Atlanta and I will now list same. MM 10/2 brought three new catches - KEYS-1440 Corpus Christi, Tex. for part of r/c per list; KCLV-1240 Clovis, N.M. running AN RS; & KXEB-1010 Phoenix, Ariz. ANing w/gospel mx & \*XEB-1010 IDs. 10/4, I noted KFAB off for a while & heard weak rr mx w/female DJ & one CKJD SID for Sarnia, Ont. on their newest frequency. 10/7- I heard KSUM-1370 Fairmont, Minn. w/MOR from 1:45 to 2:05am s/off. Other notes include r/c's per list from KRRR-1360 N.M. & KBTA-1340 Ark. on their respective mornings. Now I think it is about the time of year to begin a little DXing at SSS again. Only one new verie in so far, that being v/l from KCLV, Clovis, N.M. this week. I am not going to write any CPC letters this year unless some more of you help out, hi. So that's about it from this den of DX for this time around. 73s. (RAY ARRUDA recently sent out 50 CPC letters, Neil! -ERC)

MAKES GLOOMY PREDICTION

BRIAN P. SHERWOOD - 221 Larch Avenue - Elmhurst, Illinois - 60126

Greetings. Quite a bit of new stuff here, for loggings, see CDXR (bite my tongue, I mean DDXD, hi). On the equipment side, I finally got a decent RX. We got a new electronics instructor; he doesn't know a Hamarlund from a shirt-pocket radio. I became the possessor of a working (perfectly!) HQ-129X for twenty bucks. Only problem is the tubes, two sets of extras came with it, but those didn't include 6SS7's, where can I get these obsolete #4's? Tube substitution manuals dating back to 1960 don't even list them. On to DX; 10/9- WAVC-1350-TEST not heard, should/beat blasting in w/five gallons on a relatively open frequency - do they have a DA nulling Chicago? (No, they're non-directional -ERC) WNVL-1250-TEST same date, I heard, only a very weak TT, any hope of an ID was created by WEMP-1250, #4's! (\*NSPing pest! From what I've seen so far, it looks like a good season for TESTS. Let's get a bunch before the sunspots take over! With broadcasting & the FCC going the way they are, I predict that we'll see NSP's on every channel, 100kw clears, 50kw regionals, & 10kw GYers, 300% modulation on all by the time Cycle 20 or whatever sunspot cycle we're in reaches its next ebb. I'm not being pessimistic; this is just a mournful lament. Let's make the best of the remaining time we have; I'll start the ball rolling with this announcement: There'll be a GTG at the above address Nov. 25-26-27 or whatever are the Fri-Sat-Sun immediately following Thanksgiving, come one, come all. Bring any DX-related stuff you want; \$.75/person/day charge for refreshments. See "GTGs" for more details. Oh yes, I saw an ad in a swap-sell newspaper the day after I got the HQ-129X, some guy was selling an HQ-180A for \$160. Too bad, it'll probably be gone by the time you all read this. I think that today's broadcasters get away with too much; FCC, get out from under their thumb! You're a government agency, use some of your power to curb excessive modulation etc. - an oscilloscope trace of WCFL-1000's audio reveals modulation of about 210% by measurement! 73s & best DX.

TWILIGHT DXING IS GOOD EVEN IN DORMITORY

JEFF ROBERTS - 305 Brown S.I.U. - Carbondale, Illinois - 62901

First of all, thanks to the GAADS for a great Convention. I hope to attend many more. This may be my first Musing from Southern Illinois University where I've been going to school for the past year. The dorm location is loaded with TVI, but I have managed to hear 421 stations since 9/77. Most DX this Fall will be at SSS due to morning classes, CX have been only fair so far. 10/3- WQTY-1000 Ala. alone w/CBS World Tonight NX & s/off without SSB @ 7:16pm. KESM-1580 Mo. dominant w/T-40 up to s/off @ 7:47pm. KVGB-1590 Kans. good w/Lost & Found, mentions of Great Bend @ 7:53pm. KOLS-1570 Okla. good @ 7:54pm. 10/4- KOKA-1550 La. alone & strong w/NX, WX, then T-40 @ 7:51pm. Suddenly they were gone, probably pattern change. 10/7- KZKR-1540 Ark. s/off copied poorly @ 7:45pm. 73s.

LOTS OF NEW DX IN NEW MEXICO

NORMAN L. MAGUIRE - 6105 Del Campo Place N.E. - Albuquerque, New Mexico - 87109

10/11/78

Recent veries include: KAAM, KLBj, KDjW, CKRM & KKYN. Plenty of reports out plus 14 tapes with loggings on them to get reports sent out. New DX includes: KKK-650, 9/3, 7:30-7:52am when KQRL took them out; KXEB-1010 9/4 7:20-7:40am; KKKQ-1060 9/6 12:14-12:52am "The New K-Q"; 9/24- KCRG-1600 4:15am; WDAY-970 5am; CKRM-980 5-5:23; KVBE-1400 Las Vegas 6:15-6:28am. 10/9- KMJ-580 7:26am, KREX-1100 Grand Junction 6:35am in SS, no ID until 6:55 - I thought I had a Mexican. I got fooled on this one in January. I need a current address for KKKQ-1060 Tempe/Phoenix. My report was returned by the P.O. KXEB-1010 Phoenix announces 719 North 3rd Street, but no verie yet! KAAM address: 12700 Park Central Drive, Suite 512, Dallas, Tex. 75251. The remainder of my DX is via CHUCK HUTTON's column whose article on Beverage Waves is the best and most complete that I have ever read. No sign of Oct. 9 TESTS from WAVC or WNVL here. UnID Tter Oct. 11 3:20-3:35 on 1510 kHz. I have about 70-odd reports out and am slowly sending out some f-ups. Hasta temprano.

\*D'ESN'T LIKE THESE HEADINGS\*

STAN MORSE - Route 3 - Bradford, Massachusetts - 01830

WJIV-1450 noted still AN this Sat. AM, gives WOXO (FM) ID first, heard 4:55-5:05 am. I also noted WNLK-1350 @ 5:07am.

NEWS FROM THE CANADIAN RADIO SCENE

JOHN OLDFIELD - 7135 129A Street - Surrey, British Columbia - V3W 6T4

As usual I hope to DX this season. I missed the IRCA Convention due to a minor eye accident. Those who count a catch only if they hear the full call letters should note that some Canadian stations no longer ID or use their full calls. CBU just IDs as "CBC British Columbia" except at s/on or s/off. CFJC is just "JC-55" Kamloops while "IL Radio" was once recently heard saying "CHNL." CKLG is "LG-73" Vancouver & no legal (who cares) ID at all. Watch that you don't accidentally claim a full call ID in your reports. For years many Canadian stations (private) had to carry some CBC programs. As the CBC opens new FM repeaters (of AM) these private stations apply to drop all CBC. Examples: CKAY, CFJC, CJAT, CFCP, CKX, CUGC, CUPR, CKOK, CKOV, CKPG, & CHAT. CHAT & CKPG were so desperate to drop the CBC that they own CFCP-1490 & CUMH-1460. Both stations are wasting space as the CBC covers these areas well. CFCP dies in one year as the CBC finally spent my money to open a CBU FM relay on FM at Prince George. The CRTC seems more generous in OKing new CPs for the suburbs of larger metro areas. CFNY-1480 Newmarket (Toronto area) is supposed to serve the N.Y.-North York area & should be on soon NSP. CKAN Markham lost to CFNY. CKST-1070 will be on 10/15 NSP, also supposed to just serve Saint Albert, the suburb city of Edmonton. It will for a couple of years, but once upon a time CKLG was only North Vancouver, & CKNW was to serve New Westminster. CKNW never IDs as N.W. It's a sneaky way of getting a new CP, almost as funny as saying "serving North Las Vegas" or "East Fargo" just to get a night CP. Also watch for CKAL-1050 Vernon, B.C. who will be NSP on soon, & the new CJBQ twin at 1270 in Trenton, Ont. Locally, applications for a CFCP twin on 1240 in Port Hardy and 940 in Richmond c/w twin at Delta-1600. Also one for Richmond, B.C. on 1260, & CJBV wants 50kw.

POST OFFICE ACTING UP

BILL HARANG - 811 Nevada Avenue - San Jose, California - 95125

It was nice meeting NRCER MARK STRICKERT of Chicago, Ill. who came down to San Jose for a visit while he was vacationing in the Bay Area. BOB WIEN tells me, Ernie, that one of his intended Musing reports to you came back to him from the P.O. split in half. Where did the other half go? (Not to Anthony Street, Bill - ERC) To you, Ernie, or the P.O.? Hi. Apparently, somewhere in the S.J. P.O. it got jammed in the sorting machine somehow. (Automation, it's wonderful! -ERC) A letter from RUSS EDMUNDS to Bob took about two to three weeks to get to him. This shows you the efficiency or inefficiency of our Postal Service, whatever word you choose to describe it. One of the most exciting things about DX-ing as a hobby is that it's an educational experience. A desire to know about the Earth has always driven man to learn more about geography. A man's desire may be limited to exploring a stream near his home. Or it may be strong enough to lead him to the far corners of the Earth. When men travel and observe, they gain much of their geographic knowledge firsthand. But few (if any men) can visit every part of the Earth. So most people must acquire the greater part of their geographic knowledge from reading newspapers, books, maps, television, and of course, radio. A knowledge of geography can be a source of great enjoyment. Stamp collectors use geographic knowledge to organize their collections. They exhibit their stamps by countries and often, larger geographic areas. So it is with DXing. DXers pride themselves on receiving QSL cards & letters from radio stations scattered throughout the United States and the entire world. Of course, they're proud of the stations they hear.

DX AND VERIES ARE ROLLING IN

WAYNE HEINEN - "The Pike's Peak DXer" - 427 East Caramillo Street - Colorado Springs 80907

DX: 9/26, I logged KRZI-1580 w/rr 11:42pm. Tentative to KTBB-600 @ 10:30. MM 10/2 - My first MM of the season started off with ten new reports & one relog. Tentative to KEYS-1440 for garbled ID ET/TT 2:25-2:40am. Finally Logged Dep't.: WKY-930 4:15-4:30am & WQVE-1060 1:48-1:55am, both rr. KACY-1520 on ET/mx @ 4:30 w/rr. Relog of KYA-1260 2:23 am, KTSa-550 5:45, KVOP-1400 on ET/TT/OC 4:24-4:50am & on. New calls KVBE-1400 logged w/c/w 3:19am, & KXEB-1010 w/REL 12:55am. KARM-1430 fighting w/KELI 4:39, and last (but not least) WDMG-860 s/on @ 5:09am w/SSB. Veries since last time: v/l- KWVA-960, KERN-800, KQMP-1010, KVWO-1530, KLMR-920, & KFLJ-1380. v/PP/c- KENN-1390. v/f- KTBB-600. Totals, 867 reported, 712 verified, total of 82% with 24 reports less than 30 days old. Part of this is due to increased f-ups after 90 days and the use of PP/c's on the third report. Some 15 new veries are due in no small part to the v/s column & I thank all who support it. ST. LOUIS is about like Ivory Soap - 99.86% pure bet I'll be there. 73's till then.

DXING ON HIS DAD'S NEW SPR-4

JOHN ROUSE - 2703 Bartlett Lane - Bowie, Maryland - 20715

Hallo everyone. I've got one new verie, WFIR, Roanoke, Va. letter. In answer to ERC's question, WYCB-1340 is AN, more details to follow. My Dad recently bought a Drake SPR-4 & he lets me DX on it. I've got in some good DX on it: CMKP-670 Cuba 9/6 @ 10:45pm // station QXBC 690 w/SS vocal mx & female announcer. I sent a report out to CMBC, WTS-1510 ex-MEX Boston 11:03pm w/SS show about baseball, taking calls. I was recently at Washington area DXers' get-together & I talked with a few BCB DXers from the NRC, including HANK HOLEROCK. We are starting to form a rather loosely organized group of local DXers, both SW & MW, primarily for occasional social get-togethers and to exchange hot DX tips by phone. Any area DXers are encouraged to contact me & I will put them in touch with the organizers of group. Well, that's about all for now. 73's to all.

NRC'S NEXT CONVENTION IS IN ST. LOUIS, AS WE ALL NOW KNOW. BUT, AND THIS IS DIRECTED IN PARTICULAR TO THOSE OF YOU WHO HAVE NEVER BEEN TO ONE, IT IS A WEEKEND OF CONTINUOUS FUN AND ENJOYMENT FOR EVERYBODY. IT'S A LONG WAY AHEAD, OF COURSE, BUT BEGIN TO MAKE PLANS NOW.

## CORRECTING A PART OF JOHN SULAK'S ARTICLE IN 10/9 DX NEWS

CHRIS HANSEN (emulating PAUL MOUNT, somewhere between Yonkers &amp; Da Bronx)

I would just like to put on record the fact that I have decided to take a leave of absence from St. Joseph's Seminary for a while - this will affect my DXing only in that I will have more time to do it. I am temporarily staying with NRC'er MALCOLM KAUFMAN in The Bronx, temporary address: 244 Fieldston Terrace, SE, The Bronx, N.Y. 10471. I am Musing in this transitional period for me only because of JOHN SULAK's article in Vol. 46, #1 (10/9/78) which quoted a short explanation I made of phone loops. Unfortunately, subsequent to that article, I found that my explanation was incorrect. Follows the correct explanation. These two numbers (one pair to each exchange in the country) which are called a loop are used by Ma Bell for testing purposes - a repairman calls one of them up with a phone which he is testing to see whether the connection has been made or not. He uses the two sides in different ways - (unfortunately, I am unclear as to the technical explanation for this). In any case, the two sides are connected so that, if one calls one side, one gets a tone - if someone calls the other side, one is connected to the person who made the first call. Some loops are non-reversing - that is, they do not charge when called. Some are reversing - i.e., they do charge. Phone phreaks, of which I am not one, sometimes use the loops to evade long distance charges. This is, of course, illegal. The rest of my explanation from "If I call into one side..." to the end is still valid. Sorry for the confusion - I believe I corrected myself in a later column, but perhaps not, so let's let this Musing stand as the correction. I will Muse again when I get permanent habitation. I am working for Louis Harris and Associates (the poll people) on the swing shift, so I should have lots of time for MM DX. Ciao & 73's.

## NOT MUCH TIME FOR DX

RUSS EDMUNDS - Box 127 - Boonton, New Jersey - 07005

Hello again. I hope everyone had a good time at the Convention. It was the second in a row I've been forced to miss due to lack of funds. Unfortunately, it appears that I will miss yet a third, as ST. LOUIS will cost too much to attend. I had been, and still am, considering hosting the 1980 Convention in North Jersey, if I'm still here, & if enough others are willing to help with it, so it would be another ten-year re-union from the 1970 Convention I hosted. This looks to be one of my least active DX seasons in ten years coming up. I'm working as a Commercial Underwriter for a large insurance company, and am currently taking two evening courses. These activities, plus some part-time work by myself and my wife add up to very little time available. I will likely try some TESTS, and maybe a few early mornings when blizzards come our way & I won't have to anticipate working the next day. So, from time to time, I'll drop by these pages to keep up acquaintances. I still have a couple of articles in the works, but time does not permit me to work on them heavily. I hope to have only one course running next year, plus my son will be older and less likely to be awakened by DXing down the hall, so maybe things will look up then. 73's.

## OFFERS INTERESTING SUMMER TAPE

MARK CONNELLY - 52 Amaden Street - Arlington, Massachusetts - 02174

10/14/78

Another tape offer: "Cape Cod Radio", a 90-minute sampler of local radio from the popular Cape Cod resort region is now available. These recordings, made during the Summer of 1978, exhibit the tourist-oriented programming and advertising typical of "vacation lands." Ads for overpriced restaurants, boating supply firms, golf courses, exotic gift shops, and colonial furniture emporia tend to prevail. Both AM & FM stations are featured; perhaps the tape can be used to identify "unIDs" by slogans, announcer names, sponsors, formats, etc. Please send C90 cassette and two 15¢ stamps if you're interested. Now on to the Wurtzel Department of Poetic Palaver:

#1. The cafeteria at the electronics plant	#2 You may think this poem is dreck
Is unlike any other restaurant	The mechanical engineer said to the elec-
A most unusual menu	tronics tech.:
With seamos and chips	"You can worry about the ohms and volts,
Then bowls of Ram stew	I'll worry about the nuts and bolts.
And breaded flipflop Dips	Now it's Friday, our work has reached its
Well, if then your stomach twitches	finish
Alas, you've had too many glitches.	Let's go to the pub & drink some Guinness!"
Well, enough doggerel for a while (like about ten years).	73.

## TRYING FOR DX TESTS WITH LITTLE SUCCESS

J. W. BRAUNER - R.D. 1 - Box 153 - Punxsutawney, Pennsylvania - 15767

10/13/78

No real DXing here as yet; I'm just checking a few TESTS with CX only fair. No sign of WSUM TEST here, just a perfect WCFL signal. I wonder if they were on as WSUM usually shows on SSS after WJQT & WIOO sign off and before WCFL takes over. WSKI, no trace, someone who mentioned Virginia Beach there with good clarity at times but not while IDing. WNVL-1250, weak tones heard, plus a pair of call IDs sounding like WNVL, but no city or state readable, so ??? All this under powerful WCAE OC with a few test IDs by a woman. The loop was no aid on this one. I hit the sack after that. Nothing new here except WML-1470, Portage, Pa. noted using new call, WRML, on 9/26. On new RXes, note that Lafayette lists a new one, BCR-1016 @ \$249.99 in new catalog. 73.

YES, BOYS AND GIRLS, WE ARE NOW ONCE AGAIN ON OUR WEEKLY SKED OF DX NEWSSES. THIS MEANS WE ARE RELYING ON YOU OUT THERE TO PROVIDE US WITH MATERIAL IN ALL OUR SECTIONS TO MAKE NICE NEWSY ISSUES FOR YOU. HERE OF COURSE, WE ARE MOST INTERESTED IN MUSINGS OF THE MEMBERS. WE ASK YOU WHO HAVE WRITTEN IN AND INTRODUCED YOURSELVES TO FOLLOW THAT UP WITH MORE MUSINGS ABOUT YOUR DXING. PLEASE USE E.L.T. AND A.M. & P.M. IN YOUR MENTION OF TIMES. THANK YOU!

## WORKING ABOUT 80 HOURS A WEEK

CARL DABELSTEIN - 8209 West 78th Street - Overland Park, Kansas - 66204

KOSBY

It has been nearly a year since I last reported, so I thought I'd type out this Musing for Ernie. With the new season approaching, perhaps a brief reintro is in order. I am 32, married with two children, a CPA, and am employed as a Supervisor of Internal Auditing and Budgeting for Kansas City Power & Light Company. I have been affiliated with this fine DX Club since shortly after the 1959 Convention in Omaha (my home town). Last DX season was my lightest in nearly ten years with only about 30 new veries added to my collection. At this point in time I am not sure just how active I'll be this season. The union employees of the company I work for have been on strike since July 1, and some 450 of us have been doing the work (12-14 hours a day, six days a week) of the usual 2,600. In addition, I am trying to work on my Masters Degree (in Finance) part time. Had it not been for this strike, I too would have been in Atlanta for the Convention. I am able to keep in touch somewhat though, as ROB KEENEY is bowling on the same team as I this season. A few veries trickled in earlier this past Summer, primarily due to f-ups. They include: KYKR-1510, KOZA-1230, KHIX-1490, WRGS-1370, WHUB-1400, KROB-1510, WJAR-920 (Thanks, Craig!), KIMP-960, WBNT-1310, KBRF-1250, WTMA-1250, WARM-1590, KDKA-1230, KBUF-1050, KTAE-1260, KDKC-1490, KAM-1310. Total veries now stand at 1,964, from 50 states. Best state is Texas with 169. One interesting statistic is that on graveyards I am 244 verified out of 249 logged. Well, not much else at this time, I hope to report some DX next time. I'll also be looking forward to checking into the NRC Ham Net from time to time (look out Ross, Dan, etc.). 73s & DX.

## HIS NEW SM-2 REALLY PULLS 'EM IN

HARRY J. HAYES - Star Route - Box 226c - Gouldsboro, Pennsylvania - 18424

EDT

If you like AU CX this is the time for it. The upper regionals have been especially productive for me under these conditions. At SSS the following were heard: 9/30-WRKO-1430 N.C. w/s/off @ 7:29pm. UnID-1440 w/BB, mentioned Fort Myers @ 7:35pm. 8pm, WJAM-1310 Ala. in weakly s/off-SSB. 8:06, R. Reloj-940 Cuba w/minute man stuff, this was all alone on the channel. After this the South really opened up to the Caribbean & South America. At 8:20 4VNH-1035 was very strong in the absence of WBZ. 8:40, Antigua-1165 with hyams, mention of Antigua during requests. 10/1- The band was open solely to the SE. 6:44pm WLOP-1370 Ga. mostly alone w/ID. 6:59 WIGG-1440 Ga. rr & ID. 7:08 WLCY-1380 Fla. alone & very strong. 7:27, WNDP-1150 Fla., a needed one, all alone on channel w/excellent signal. 7:32, unID SSS on 1140 w/no WRVA. Was this possibly WQBA? (More likely WQBA, Harry - ERC) all in all this was a night which illustrated perfectly the effect of the Auroral blanket in determining what reception area was possible. Florida was in great, but Virginia or even the Carolinas were not. A new SM-2 was received here this week and it performs rings around my old one. It rejects TVI far better, the back clamp on the head assembly does a far better job of permitting tilting and holding the head assembly up. Also the "Q" effect hum that I had with the other antenna has not presented itself. 73s.

## REPORTS ON AN EXCELLENT TA OPENING

JOHN FELTMAN - 4324 Valley Drive - Allentown, Pennsylvania - 18104

10/16/78

There was an excellent TA opening on the high end of the band from 11pm 10/15 to 1am 10/16. I counted 36 TAs in all during that two-hour period. Lille-1376 was in so strong and clear w/AA mx & talk that I could even hear them on the TRF! New for me: 1457-Durres, Albania @ 12:55am and 1196, VOA-Munich, w/EE NX @ 11:26pm including report on Papal balloting. Also noted were Nice-1554, Monte Carlo-1466, Saarbrucken-1421, Neumenster-1268, Bordeaux-1205, East Germany-1043, Portugal-1034, Mainz-Wolfshelm-1016, Lisbon-665 & many others - all on the R-390A. Monte Carlo is tough for me because WSAW-1470 is only four miles away and in the same direction as Europe. The TRF was a birthday gift from my wife, and has brought me many new catches in the past month including HIAT-650, HJCL-700, YVOE-720, TLLX-725, HJHN-960 & KWAM-990. The only other TA I've heard on it besides Lille was WDR-1586. I'm looking forward to the late November frequency shifts. It will be interesting to see if Australia and New Zealand make it to the EC. Does anyone know for sure if CROO-1390 is actually in Ajax? The few times I've heard them they mentioned Durham a lot, & that's fairly far away.

## STARTING NEW LOG IN OHIO

PAUL MOUNT - 35 1/2 West Columbus Street - Nelsonville, Ohio - 45764

614-753-3280 9/23/78

Howdy. I'm up MMs to at least 2:30. I've got lots of dial during to report, since I've just started a new log. Most of the stations in this Muse won't be repeated since they're regular daytimers - gives you an item of what I get here in S.E. Ohio: 9/17- WRCR-550, WKBN-570, WTVN-610, WCAW-680, WLV-700, WJR-760, WKBE-800, WOSU-820, WRFD-880, WBRJ-910 WKAZ-950, WATH-970, WONE-980, WTH-1000, KDKA-1020, WADC-1050, WQIO-1060, WBCQ-1080, WMO-1190. This first day I had to go outside because the QRN in my room was such that the TRF had to be facing a certain way to pick up anything. 9/19 on cheapie Juliet AM-FM I added WWVA-1170, WCAU-1210 (SSS), WCKY-1530 WLG-1510. 9/20- WVKO-1580, WGIN-1480, WBNS-1460, WHIS/WAJR-1440. 9/21- WCOL-1230, WHIZ-1240, WKBW-1520 & WLAG-1510 @ SSS. WLG-1510 Logan (12 miles away) is 250w. two hours before SSS & until two hours after SRS; WLAG comes in under them. 9/22- WNST-1600 s/off 7:45pm, mentions Tri-State area. I won't mention Eastern clears, except for new states. WCCR-1580 Urbana Ill. s/off 8:02pm & said "Join us tomorrow morning". Ohio is FB-crazy unlike N.H. as lots of Friday night FB is heard. Then, several regionals added, all logged in N.J. a couple-hundred miles further away; those less frequently logged: WHOT-1330 w/rr 8:20; CKMS-960 o/u WFIR, WCUE-1150 w/rr. Totals: 51/8/1/2. More next time.

PLEASE USE A.M. &amp; P.M. IN YOUR MUSINGS AND NOT THE 24-HOUR CLOCK - CONVERSATIONAL STYLE.

HAVING TROUBLE GETTING NRC 4' LOOP TO WORK

JEFF LOCKWOOD - 3131 El Prado Boulevard - Tampa, Florida - 33609 10/13/78

I must say I thoroughly enjoyed the great Atlanta (Tucker?) bash; 'twas the first time I got to see what the other NRCers (and IRCA'ers) look like, hi. Good news and bad news: I recently acquired that jewel of an RX, the TRF. Unfortunately, I have not been able to get the 4' NRC Loop functioning properly. Using JAMES HAGAN's preamp, as well as the BAL-1, I've gotten little more than background noise, with mulls very shallow, almost absent completely on locals. Oh well, on to DX. Semi-regular to regular receptions are WUFF-710, WBAW-740, WVOG-1080, WKIB-1510, WKYI-1520, & WTLN-1520, all SSS. WAOA-1520 dominates here after local s/off time for 15 minutes until their s/off with jingle "Doin' Our Thing in Opelika-Auburn". Tuning to 1530 brought announcement "WTTI, Dalton, Ga." at the very moment I tuned them in on 10/1 @ 7pm. Cayman Islands heard 10/1 @ 11:20pm w/NX. 10/9 I slept through WAVE & WNVL TESTS, I need to put my alarm clock where I can't turn it off when I'm half asleep, hi. 10/13, good Northern CX w/WNBC penetrating Cuban QRM; WABC also heard. Back to 10/5, WANS-1280 12:00am; WLEB-1300 10/1 11:40pm; KXYZ-1320 11:15pm. The most noticeable difference in the TRF's performance is in the daytime, with WAUC-1310 audible u/WSOL local and WRUF-850 w/WAZE slop. WRUF, by the way, celebrated its 50th anniversary recently; they used to call their broadcast crew the RUFFians. Today they ID as "85ORUF" and call themselves "Gainesville's history-of-rock-and-roll station." They flagship U. of Florida FB & BBK (naturally, since they're the campus radio station). I'd like to hear from anyone who has info on the "Pick of Dixie" network. 73.

WE WELCOME A NEW FLORIDA MEMBER WHOM WE HOPE WILL MUSE FREQUENTLY!

TERRY L. KRUMHOLTZ - 84 Winter Park Drive South - Casselberry, Florida - 32707 10/14/78

First off, a brief introduction is due on my part. I'm 19 and attending my second year of college, majoring in broadcast journalism. My DXing began six years ago when I hit the SW bands. I'm not interested in domestic DX, but will try to report any changes and news to you all as they happen locally. My primary BCX DX involvement is the Latin Americans. Some random notes from this end: Audible now throughout the daytime is ZNSI-1540 in Nassau with the local Bible-thumper off. Nassau is 540km from here. If you are ever encountered with a "Florida News Network", it is a service that began on 9/5. Supplying 13 five-minute newscasts (on the hour & half hour) and two sportscasts to 14 Florida stations, the FNN hopes to succeed as the only statewide radio news service. Personnel are mostly from WLOF Orlando, who began the FNN after being let go at WLOF last year. I attempted to get a complete list of the FNN serviced stations, but the operator told me that the number has been "disconnected temporarily at the owner's request", whatever that signifies. WALE-1440 is a subscriber in Orlando. Jazz programming is now on NPR stations; for times & the nearest station, write National Public Radio, 2025 M Street N.W., Washington, D.C. 20036. Think you've seen everything, eh? Wrong. Local WKIS-740 is currently sponsoring canned beer, cleverly entitled "WKIS Beer" in the Orlando area. Now, you & I know that with a name like that, WKIS Beer will soon follow in the steps of Billy Carter's brew. If you're really interested in obtaining a can of this grog (yes, a can as it is illegal to cross state lines via the U.S.P.S. with alcohol, and I've broken too many 'big' laws to risk getting picked up on such a minor issue, hi!), write me. If you live in the Pittsburgh area, you might be able to get a case from the Pittsburgh Brewing Co., Pittsburgh, Pa. 15201. All for now. 73.

WNVL TEST WAS ON; WAVE TEST WAS NOT

JOHN W. HOOGERHIDE - 105 Bayside Lane - Brandenburg, Kentucky - 40108

WNVL TEST on 10/9 which I arranged was well heard, and nice plug for NRC 2-2:30am. I doubt sincerely if Warner Robbins TEST was on as 'twas an excellent DX night. KGO-810 noted @ 4:00; WKI-930 & KRYS-1360 each with femme DJs well atop. WGIN-1480 s/on-SSB @ 4. PH, I had Joplin, Mo. s/off w/Dixie & SSB @ 7:45. 10/10, I had KRLI-1430 & KCOB-1350 in SS (Mexican mx) @ 10pm. 10/11- WPTD-1280 Piedmont @ 7pm, WWWW-1360 s/off, no anthem, @ 7:15. Lots of QSLs in, especially after station visits. WPIF-1550 Corydon, Ind. said they had two reports from New Jersey with correct details but wrong times. WKVE-800 Cave City, Ind. said they have NEVER had a DX report since new owners came in in the last two years. I also stopped in and got QSLs from WANY Albany, Ky., WTKY Tompkinsville, Ky., WLOC Mumfordsville Ky. I am up to 785 logged & about 450 QSLs. I have just re-arranged my QSLs on "by state" basis, so a bit more orderly. Oh - WMBB, Donelson, Tenn. is now on 1170 w/Skw and a humendous signal. WIGS-1290 is new call of New Albany Ind. station, on & verified. Visiting these stations it's easy to see what happens to our verifications - WTKY didn't even have any personalized stationery, either letterheads or envelopes - owner said, too expensive. Comparing my log with a station's log is fascinating - some station logs say absolutely nothing and really unless you've got an advertiser (only one needed) it is useless to even send in a report. On WSRQ - I logged five minutes of SX but their log said "news". TED FLEISCHAKER should contact WKDD-1560 Liberty, Ky.'s CE who knows him. He'll put on a DX TEST, I'll bet. He sent a very friendly QSL.

TRYING, BUT NOT FINDING, THE DX

ERIC FADER - 23-35 Bell Boulevard - Bayside, New York - 11360 10/14/78

MM 10/9 - No WAVE or WNVL on TESTS, as I tried valiantly 2:10-2:20. WMOA-570 w/OC @ 2:15am. On 790, something sounding like "MHD Providence"; I was obviously half asleep. Fri. 10/13- Minding my own business listening to CKLW-800 when they suddenly signed off for XR maintenance. Back, w/TT @ 1:07 (the s/off was @ 1am). O.K., folks, let's all pool our resources and find RAY ARRUDA a new corruption of "Midnight to Sunrise" to use in DDXD, hi. I'm tired of "Midnight at the Oasis", I never did like that song anyway, hi. Seriously, though, Ray, I wish I had something to report. 73's.

LOTS OF GOOD AURAL DX FOR STEPHEN

STEPHEN FRANCIS - 1620 Lodge Street - Alcoa, Tennessee - 37701 10/15/78

Autumn DX: 9/12- The new WRSB-1540 Ala. fair @ 8pm s/off. MM 9/18- No sign of WSUM-1000-TEST. SM 9/24- Per Ernie's tip, CKJD-1110 fair @ 3am during WBT's SP. MM 9/25- With local WKBG-1340 off for a rare SP between 2 & 5, KOLE, Port Arthur, Tex. was in/out w/rr & woman DJ. At 750 miles, this is my farthest QY on 250w; in fact, my best 1kw QY (the old KBLV-1400 r/c) only beats it by about two miles. 9/29- New semi-local, WNPC, Newport, Tenn. heard ETing @ 5:30pm w/mx & IDs every quarter hour. They began RS the next day w/rr & NBC/TRN net affiliations. 10/2- WEDM-1440 Tenn. weak @ 7:15pm s/off. 10/4- The Aurora brought two new ones here nearly back-to-back: At 1:01am, HJAC-1130 briefly surfaced w/weak "Emisoras Rio-Mar de Barranquilla" ID; TICA-1160 topping that channel a minute later w/ID, "T-I-L-X, Columbia --- corazon de Costa Rica." About 20 seconds of anthem-like mx followed, then carrier was abruptly cut. MM 10/9- Unn WNVL-1250-TEST in well o/CHHO w/brief TTs & David Rose instrumentals; unn WAVE-1350 didn't appear to be on. 10/10- Per that day's DX NEWS' "Static from HQ" tip, WAMB-1170 (ex-1190) noted weakly @ 2:30pm w/big band mx & ID. 10/12- Alabama #120 arrived in the r/c of WAEF-1220, u/o WJAR, 2:20-2:30 w/dial tone & quick ID every three minutes. They're the Southernmost station in the state, miscellany fans. Another long-slusive Alabama, WBSA-1300, was L&C @ 7:15 s/off that day. Judging from SSS CX so far this Fall, we're in for a good season. MM 10/16- Unn KFUC-850-TEST about even w/EOA w/ID a few seconds before 2:30, solo by two-man discussion program about government regulation of consumer goods until I tuned out @ 2:37. KPOF-910 Denver was a big surprise @ 3:30 w/WX & Bible readings by Alexander Scourby until they faded out around 3:45. 910 is like a graveyard here - lots of stations, but none ever dominates for long. At various times between 3:30 & WOKK s/on @ 5, I IDed WJAF, WBSA, WLAS, WFFB, & KULC. KPOF was as good as any of 'em on its peaks. I sure wish somebody could talk WARI into a TEST. (They're on until about 2:03 a.m. every Sunday AM, Stephen! -ERC)

HAS NEW DX LOCATION

LARRY VAN HORN - 7870A Corsair - Millington, Tennessee - 38053 901-872-7116 10/20/78

Greetings from the DX Capital of the Mid-South after a short absence. I hope everyone's Summer has been a nice one and that everyone is ready for a fine Winter of DX. As you can see from above I have moved on base here in Millington. Not quite as good a DX location as I had up in Brighton, but --- Several changes have occurred. MIKE HEEZ is now up in Virginia Beach and we hope that Barbara & Mike are doing fine. I have changed jobs to NAS Memphis Security Police Dept. Patrol Division which is a definite change in working hours. This occurred about the time of Atlanta and forced us to cancel our trip - yeech. I was really looking forward to it & Gayle & I both were disappointed, but WALT BREVILLE, take note - we will be at ST. LOUIS in '79. Currently I have started taping my DX. I will still send reports to DX TEST and new states & countries but will no longer do the general reporting I used to do due to the higher cost of postage. Maybe one of these days I'll get back to it, who knows. Currently reports are out to WMOB, XEQR, WTLX, WIMN & WAFM. QSLs are back from KTGB, WWER, WONO, KSL, KQWB, WJVA, WHEB, KUOA, CKLW, KVOO, WMSO, KBHM, WWHN, WBBH, FJB, KAAJ & KWAM. Current totals: Stations-406/69, states-37/25, countries-47/provinces-3/1. On tape, stations-120, states-24, countries 7, provinces 1. Latest DX: 10/20- 7:18am, WFFC-940 N.C. w/NX, local ads, & SX. 7:20am, WIGD-940 Mich. w/s/on announcement u/WFMC. Well, MIKE HEEZE, stand by some competition this year 'cause I'll be in the Contest. I hope a lot more of the NRC are too. Till next Muse best of DX to all & 73s from Larry & Gayle.

SEVERAL GOOD NEW LOGGINGS FOR JIM

JAMES E. CRITCHETT - 1635 Walbridge Street - Red Bluff, California - 96080 10/16/78

I am continuing my almost lifetime hobbies, travelling by auto, and some by plane, but principally by radio. My Drake SPR-4 seems to be in good shape. I get a little dubious about my Sanserino Loop, but use it. How good is the SM-2 antenna? I have never seen one. Where is the nearest one? But to get to my DX results. After reading so many reports about it, on Thurs. Sept. 28 @ 6:59am EDT on 1010 I heard KKEB identify. At 7 they announced KXEB News AM. So there goes another previously interesting frequency. Contrary to other reports, KFAX-1100 is NOT off the air, except Tuesdays at 4 am, back @ 8. ID heard @ 7:16 9/28 & 7:48 Fri. 9/29. At 9:58 9/29 on 970, KPUA, Hilo, Hawaii IDed, & @ 10am a woman gave the NX. Another good TP. MM Oct. 2 @ 4:07 KFBK went off, & WCKY IDed. They may have been testing, because nothing more was heard. SM Oct. 8 @ 7:53 on 1040, KPOI had a woman giving the NX & IDed @ 7:55, giving the time as 2:55. I finally heard just one ID by KPOU-1170 u/ KLOK; mentioned KERR-FM. Four new ones in three days: KFWF-980 on @ 9 w/APR NX; Sat. 10/14. Sun. 10/15, @ 9 on 1010, KQXP, Brush, Colo. s/on; CBR & KKEB there. I finally heard "Magic 11 KMJJ" ---1140 @ 4:06am Mon. 10/16. At 8:26 on 780, WJAG, Norfolk, Neb. was on top w/WX. Weak WBBM there later. So they are there, and can be heard; report them for the rest of us. Best.

SEVERAL INTERESTING LOGGINGS, BUT NO NEW ONES

ERIC FADER - 23-35 Bell Boulevard - Bayside, New York - 11360 10/19/78

Hi group. MM 10/16 was a very quiet AM with good CX, but I couldn't find anything unusual (unfamiliar with the band). The KFUC-850-TEST was unheard at several checks 2:35-2:56 am, were they on? (See STEPHEN FRANCIS' report above, Eric - ERC) WFAT-1620 or whatever, was heard 2:36-3:05 or so, w/an NRCer calling several times. He mentioned DX, A-Index, WDR-1586 & NRC - who was this? WFAT had only a fair-to-oor, fadey signal. KATZ-1600, unn, was never louder than 3:05 w/WB net & soul mx, between WWRL OC's. 10/17 SSS-CKOC-1150 local-like @ 6:48pm w/rr. WHEB-750 w/ads & rr, also local-like, 6:52. WREU-850 strong @ 6:55. All these unn. No BCX news in ages. 73's.

AS THEY SAY IN SALEM, OREGON, "KEEP SAINT LOUIS IN MIND." 8/31, 9/1-2-3-1991

DISCOVERING TWILIGHT DX

ELLIOT R. STRAUS - 27 Devon Drive - West Orange, New Jersey - 07052 201-736-1681

It's time for another Muse as the new season gets under way. I finally logged KATZ-1600 ST. LOUIS after many moons of wondering why I hadn't, on MM 10/9. Nothing of interest on the TA scene of late, still waiting for a break there. Good LA & CA CX on MM 10/9, nothing new, but they were bombing in especially all Costa Rican stations. I finally got WAVS-1190 Ft. Lauderdale from ERC's tip of last season, for 30 seconds after WLIB's s/off. MM 10/16 was most productive so far with two newies in YVOV-540 R. Perija, Venezuela, & CKCB-1400 Collingwood, Ont., and #1,354 on Monday afternoon in WKIR-1070 Plattsburgh, N.Y. @ 6:05pm. This sunset DX is new to me & I expect a bumper crop this season. With 1,354/578 I hope to get to 1,450/650 by the end of the season with hard work. No veries in yet, but 14 reports are out since 9/25. Beveridge construction has been held up by refusal of undergrowth to die out, but hopefully it will be completed by Nov. 1. That's it from this end.

TAKES US ON A GUIDED TOUR OF WAPR-1390

STEVE KRUEGER - Box 1233 - Avon Park, Florida - 33825

Howdy to all from the broadcaster with the barbed-wire beverage. As NRC starts off year #46, I am starting off year #15 for me in the DX hobby. My engineering chores at WAPR-1390 have had me feeling like I'm up to my --- in alligators, hi. Well, the workload is tapering off, considering the fact that I have completely re-wired the entire audio system, installed over \$5,000 worth of new equipment, and averaging 9-11 hours per day, six days a week. I received a nice letter from Dave Thomas in Tampa about hearing the New WAPR. WAPR is located on the site of the defunct WAVP. We have the original tower and the 10'x10' block building which housed the original WAVP XR. WAVP had its studios downtown in the Jacaranda Hotel. It was on the air from 1957 to 1968 - I think. Anyhow the previous owner of WAPR put it on the air as WAPR, and the call is still our original call letters. WAPR went on the air in 1970. The present XRs in operation are a Gates BC-1J which operates 1kw day, 500w PSA. We also have a Gates GY-250, 250w. standby XR. The GY-250 is in almost mint condition considering it is almost 25 years old. We have a total solid state audio system, which is in my opinion one of the most complex I have seen in a small market station. I probably have almost a half mile of audio wire inside the building making the equipment as versatile as possible. We are able to use the production studio as a control room, and vice versa. In fact it's like having two complete radio stations in the same building. In the future, we expect to add FM, & I may buy into it. When FM comes, I will no longer be a jock-engineer. I suspect that I will have to devote my time strictly to engineering. This past week our consulting engineer was over and he & I talked a little DX. Does anyone remember Jim Johnson? (Yes, I do -ERC) Jim was an NRC'er about ten years ago. Also a great big hearty welcome to fellow NASWA'er TERRY KRUEGER of Casselberry, Fla. Terry, send ERC a Muse & tell us about yourself! (It has been did, hi -ERC) Big news here is my barbed-wire beverage! I connected my RI to a 1,800' barbed wire fence and the signals boom in! It is running N/S, & WSB-750, WABC-770, & WBT-1110 are completely fade-free. I haven't had time yet to compare it with a smaller antenna, but I suspect the barbed-wire fence is working as a beverage antenna. WBL-870, WBP-820 are a lot weaker on the beverage, but are a lot better on the 50' LW. I haven't terminated the far end of it so it is bi-directional. On SW bands above say 5-6 MHz, it is not as good as an LW. It works well on the longwave band fairly well with my SW-4a. Well, that's it for me, C U in four weeks. 73 & good DX.

COMPLETES THE NUTMEG STATE

ERNEST R. COOPER - 5 Anthony Street - Provincetown, Massachusetts - 02657 617-487-9337

I see by my visit to Brooklyn 9/29-10/5 I missed a great AU opening! Oh, well - next time, hi. At last, a couple of veries, one unnn, from WVG-1030 who returned my stamp, & the new one, is WYZD-1560, Dobson, N.C. The count is 4,102, begun on 12/28/32, hi. 10/7- No DX, too noisy. SM 10/8- Murphy's Law went into hiding today as I just pulled an ID on 1170 before WWVA returned 1/2 minute later, back on RS! 'Twas HJPB, "Ondas de Macoondo" in Valledupar, Colombia, ANING & on top when WWVA was off or on OC. WWVA came back on @ 3:49am. MM 10/9- Several usual MM Amers were off at least part of the morn, like WJNR-1430, WINE-1350, WJCA-570, CKAC-730, CKPH-1430, WCAU-1210. No luck with WNL-1250; I was there at least 20 of the 30 minutes of his TEST time, & WVC-1350 had not to be on, for with a real break in WINE being off, they'd have rollen in, hi. The rest of my notes for this day were smeared by the water which leaked out of my turtle tank, just brought in from outdoors for the winter. Anybody else ever have this happen? Or do I claim an NRC first? 10/10- R. Clarin-860 is off their AN sked, s/off 1:05 with their NA. The one w/SS NX there to 1:15 turned out to be unnn XEUN; then dl mx. 10/11- Unn WKVM-810 s/off 1:05 with the P.R. & USA anthems. UnID TT-1550 1:21-2:02 on/off. On 1260, CIHI was like a local, no sign of WZE. On 860, u/XEUN's dl mx was EE preaching by XEMO, also unnn. 10/12- Local WHET-1330 once again is back on AN-6 sked. Who belongs to the OC which has been making WQQW-1590 jump these last several mornings, first noticed today? UnID TT-1230 2:19-2:32+. 10/13- Brazil-860, El Mundo, with tremendous sock today @ 2:24, disco-rock mx. 10/15- Somebody s/on-860 @ 3:03 w/TT & no ID. MM 10/16- La Voz de la Costa-1190, Barranquilla, noted @ 1:25 to 1:32 s/off w/NA by band. WEAT-850 noted in my try for unnn (& unheard) KFUD-TEST & reported; I have a WEAT-1490 Lake Worth v/PP/c from way back - is this station the old WEAT? I sent 'em a report to inquire. On 1380, "Seaboard Broadcasting Co." s/on @ 4, NN announcer, I believe, but otherwise unID - who dis? Somebody in u/WSB-750 mentioning 95.9 FM, could this be CBGY? This @ 4:29am. PM, WNTY-990 logged 6:02-6:15 s/off (semi WLM's Oct. s/off is 6!) to complete Connecticut (I think). Unn WAWL-1380 in foreign language noted @ 6:50pm, booming in, much better than WENX ever comes in here, unlike back in Brooklyn where the reverse is true. 10/17- Unns WNAK-730 s/off 6:30 w/hymn, & WPCB-740 same time, no SSB. 10/18- UnID TT-740 @ 1:37, & non-announcing station w/album MoR holding down 1580 2:05-2:39, fairly good signal, anybody find out who it was? OK, CUN? MUSE!

This graph shows the daily variations in Apr, the Fredericksburg (VA) index of geomagnetic activity in the earth's magnetic field. High values (above 20) indicate that meidum wave signals in upper latitude paths will likely be absorbed, thus resulting in "auroral conditions", with signals from the South and from local stations predominating due to this absorption of the more northerly signals. Low values over a period of time indicate a likelihood of more receptions on the higher-latitude paths--more, and more northerly TA's and TP's. Several days of low values following higher ones are needed for conditions to return to "normal", due to residual absorption. Long periods of extremely low values (6 or less) are necessary to raise the possibility of good high-latitude conditions throughout the entire MW band, although this is not the only requirement. For additional information on use of the Apr, and related indicies as a DX tool, consult the NRC Reprints List for relevant articles. --RJE

