



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

Volume 44, Number 29 Monday, Sept. 12, 1977.

STATIC FROM HQ

We've got the good news and the bad news this time...first the good stuff... Glenn Hauser, who was nominated by NRC was elected ANARC's DXer of the year & with the honor goes the congratulations and best wishes from all of us. Glenn, incidentally has also started a new newsletter called Review of International Broadcasting (RIB). Information can be had from him (C/O WUOT-FM, 232 C & E Building, University of Tennessee, Knoxville, Tenn. 37916)...In the "bad" news, the complete contest rules inside look complicated, but they really aren't. Check the rules out in Bob Walker's contests column and get set to take part! Also, Bob, who recently took the Domestic DX Achievements column from Charles Wolff requests those who have not done so of late to send their updated totals to him (2220 W. Highway 524, Westport, Ky. 40077)..we've received a lot of comment about the last issue for CPC, but remember that the issue was designed for helping you develop some tests for the club--now's the time to write your letters asking for tests...lastly, greetings go out to Ernie Cooper, the Musings editor for 31 years who recently was diagnosed to have angina. We trust you're feeling better and will be editing for NRC for many, many more years!

THEY JOINED

- John D. Buehler, 4290 Monroe Street, Apt. 2, Toledo, Ohio 43606.
- Neil T. Kazaross, 30 King Philip Road, Pawtucket, Rhode Island 02861.
- Don Buchanan, 4507 Caswell, Austin, Texas 78751.
- Gene Rust, 708 West 10th Street, Dallas, Texas 75208.
- Carl F. Leone Jr., 14222 Kimberly Lane #446, Houston, Texas 77079.
- David B. Stiffler, 157 Hudson Street, New York, N.Y. 10013.
- Robert V. Larsen, 92 Matheson Crescent, Regina, Sask. S4R 5C4 Canada.
- George Kesteven, 3524 Benton Drive NW, Calgary, Alta. T2L 1W8.
- Bill Harang 811 Nevada Avenue, San Jose, Calif. 95125.
- Mickey Theroux, 41 Mill Street, West Warwick, Rhode Island 02893.
- Jac Schuster, 125 South 87 Avenue, Tulia, Texas 79088.
- Bill Wurtzel, 107 West 86th Street 12-F, New York, N.Y. 10024.

LOOK INSIDE

In response to the comments we've received from members on the recent survey, the Look Inside column will, effective this issue, return to its old look in the hopes that articles in DX News will be easier to find for the members.

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Also, assorted clips and other information throughout DX News.

Cover date of the next issue of DX News will be Sept. 26...look for it!

Feb.

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

NNRC All are invited to join with the Newark News Radio Club in celebrating their 50th anniversary. The event will be Oct. 8th at the Bloomfield Civic Center, 84 Broad Street, Bloomfield, New Jersey. Starting time is 2 p.m. Guest of honor will be J. R. (Jack) Poppele, former Director of the Voice of America. In 1928, as Chief Engineer of WOR, Mr. Poppele staged one of the first broadcasts for a DXing Club. Most of the day will be devoted to renewing old friendships, meeting early-day DXers and remembering radio's early days. A display of equipment covering NNRC's 50 years in serving DXers will be featured. This per Eugene G. Vonderembse, NNRC President. Anyone wishing to attend should send a card to him at 31-50 30th Street, Astoria, NY 11106.

DX NEWS SCHEDULE To answer several inquiries, your favorite publication will appear as follows:

| | |
|-----------------------|-----------------|
| Issue #30....Sept. 26 | #6.....Nov. 21 |
| #1.....Oct. 10 | #7.....Nov. 28 |
| #2.....Oct. 24 | #8.....Dec. 5 |
| #3.....Oct. 31 | #9.....Dec. 12 |
| #4.....Nov. 7 | #10.....Dec. 19 |
| #5.....Nov. 14 | |

FLASH ALERT SERVICE A call from Dan Myers informed us he is alive and kicking and will continue to handle short term notification of DX tests. To participate in the FAS you should send a quantity of self-addressed, stamped postcards to Dan at 31 Lakeshore Drive, Millbury, OH 43447. His phone number is (419) 837-6068. Thanks to those who expressed an interest in handling FAS, if Dan had been unable to continue.

IRCA The ANARC Newsletter listed the new IRCA address as P.O. Box 26254, San Francisco, CA 94126. Editor is Don Kaskey and Rich Segalis is Publisher of "DX Monitor".

CONGRATULATIONS are in order to member George Sherman, recently elected new president of the Minnesota DX Club. This also per the ANARC Newsletter.

CHANGES OF ADDRESS These are again getting out of hand. Over the summer we processed changes for at least one-tenth of the membership. Many of these cost us 25¢ each because the first notice was received from the Postal Service. One Texas member moved twice within a month without any notice to us, costing NRC 50¢. In the future, adjustment of a member's renewal date to compensate for this unnecessary expense may be required. So, please send changes of address promptly to NRC HQ.

A REPORT recently received from the National AM Stereophonic Radio Committee indicates testing of stereo AM began Aug. 7 for three consecutive mornings from 12:01 to 5:00 a.m. ELT over WGMS-570 in Bethesda, MD. Similar testing was to be conducted over WTOP-1500 starting Aug. 11 for 4 or 5 days, same times as on WGMS. Effects of skywave propagation on AM Stereo performance was to be conducted at WBT-1110 beginning on Aug. 20. Tests there were for 2 or 3 nights. The FCC will consider whether the general public and broadcasters are really interested in AM Stereo and FM Quadrasonic broadcasting. Copies of the complete inquiries, Dockets No. 21313 and 21310 may be obtained from the Consumer Assistance Office, FCC, 1919 "M" Street, NW, Washington, DC 20554. Comments on AM Stereo are due by Oct. 15, with reply comments due by Nov. 15, 1977. This information was received after all scheduled test dates.

TRF According to Tony King, c/o New Zealand DX Times, P.O. Box 2956, Wellington, New Zealand, they are equally as impressed the Realistic TRF as are many contributors to DX News. They are, however, in need of suggestions for modifying the external antenna input for use with beverage antennas. In his letter Tony indicates response with the present input is nil. He also questions whether or not North American DXers might be interested in organizing a tour of New Zealand. Members of the DX League, he suggests, could provide a never-to-be-forgotten DXPEDITION for perhaps 15 or so days. Responses should go directly to Tony.

NO CASH Call from Ron Musco tells us members are sending cash for membership renewal.... Please don't!!! The NRC treasury is here in Louisville and we don't want to send cash through the mails. Also, checks are to be made to National Radio Club, not Ron. Members outside the U.S. should send money orders payable in U.S. funds. Lastly, we ask members to send renewals to the proper address, NRC MEMBERSHIP CENTER, P.O. BOX 118, POQUONOCK, CT 06064.

DOMESTIC DX DIGEST

Eric Wittenhouse
77 Linaria Way
Kenilworth, NJ 07033

...is missing from this issue because Editor Eric Wittenhouse's column was not received. When last seen, he was boarding a tuna boat for 3 weeks in Alaska. His column will resume when he returns. Meanwhile he said to buy Bumble Bee Tuna!

Here we go with another AM Switch. This one will be rather short compared to the last marathon typing session of the last one. Information included here is all that I have received through August 30. I had to move the deadline up since I didn't know the exact date of the next DX News when I typed the last column. Any information you may have mailed to me to get here at the Sept. 8 deadline will show up in the next AM Switch in October. October 3, 1977 will be the next deadline.

OOPS.....

- 1) WWSV AL Stevenson is FM 101.7, not AM. (RM)
- 2) 1140 WKWM-MI Kentwood CP. (RM,JS)
1280 WGLR-WI Lancaster CP. (RM,JS)
1540 WBIN-TN Benton CP. (RM,JS)
1580 WFJT-KY Inez CP. (RM,JS)
- 3) 1410 ND Beulah CP is D1 1000. (RM)
1410 MO Cuba CP is D1 1000. (RM)
- 4) 1410 KKOK-CA seeks KBUK. (RM)
- 5) KY-Murray CP is 1130 D1 250 not 1000 U4 250/250 (RM)
- 6) I have conflicting data re: the call WRED mentioned last month. One reporter lists the call as belonging to the Monroe GA CP on 1490 and another reports WRED is assigned to the Calhoun GA CP on 900. I am checking this one out and will clarify further next month.

NEW STATION APPLICATIONS:

- 690 WYIS-PA Phoenixville D? 500(for WXUR facilities) (DS)
- 1140 TN Blountville D1 250
- 1290 AL Opp U1 2500/500
- 1410 PR Aguda U1 500/500

CALL LETTER APPLICATIONS:

- | | |
|------------------------|-------------------------|
| 1230 KGFJ-CA seeks KKT | 1450 KAWT-AZ seeks KDAP |
| 1240 KEAN-TX " KXYL | 1460 KIL0-WA seeks KGAA |
| 1340 WJPF-IL " WHPI | 1520 KCHF-SD " KLYX |
| 1430 WIVE-VA " WKDH | 1540 WKKR-SC " WTGF |
| 1450 WNPS-LA " WWIW | 1540 WRGM-VA " WKIE |

FORMAT CHANGES:

- | | |
|----------------------------|---------------------------------|
| 570 KGRT-MT C&W (Bha) | 1230 WSOK-GA B/SOL/GOS/JAZ (BW) |
| 630 WKBX-GA E2L (BW) | 1240 KRDO-CO MOR (BHa) |
| 680 WRNG-GA TLK/NWS (BW) | 1260 WJTH-GA GOS (BW) |
| 900 WEAS-GA GOS (BW) | 1290 WTOC-GA AOR in "eves" (BW) |
| 920 WGST-GA NWS (BW) | 1310 KQXE-AZ T40 (BH) |
| 970 WIIN-GA "popular" (BW) | 1310 WXLL-GA REL (BW) |
| 1090 KAAT-CO REL (BHa) | 1340 KDEN-CO NWS (BHa) |
| 1140 KCTE-MO C&W/GOS (BH) | 1360 WLAW-GA C&W (BW) |

- | | |
|-----------------------------|---------------------------------|
| 1380 KTSW-TX NWS (Bha) | 1580 KZIA-NM NWS/TLE A1/M (BHa) |
| 1480 WYIE-GA JAZ (BW) | 1600 KBBX-UT GOS (GN) |
| 1520 WDGL-GA "contemp" (BW) | 1600 WACX-GA C&W/GOS (BW) |
| 1520 WNMT-GA VAR (BW) | |

OTHER CHANGES:

- 990 WIBG-PA dumping rock and seeking new call letters (DS)
- 1240 WVOS-NY s/off 0005 (RM)
- 970 KAKC-OK CP: U4 1000/1000 (RM)
- 1360 WYER-IL ex:WVMC IDs as "Yer radio station" (TF) (Talk about originality!)
- 1400 KDRG-MT apparently OFF THE AIR (BHa)
- 1520 WTLN-FL delete CP in last AM Switch (RM)
- 1530 KRNK-WY apparently OFF THE AIR, not hrd in Cheyenne 7/23-25 (BHa)

LICENSE ACTIONS/FINES:

- 570 WLE-NC license has been REVOKED and the station has until 12:01am Oct. 23 to conclude station affairs.

INTERNATIONAL DX DIGEST

CHUCK HUTTON

1035 LATHAM ROAD

DECATUR, GA 30033

1340 WAIR-NC fined \$1,000 for operating during nighttime hours with daytime power. (No wonder they dominate 1340 at night here, hi-BW)

1540 WSWG-MS license renewal has been DENIED, station has been given till 12:01 am Oct. 16 to conclude station affairs.

OWNERSHIP CHANGES:

These stations have changed hands recently according to the FCC. They are included here as a possible source of CPC DX tests this coming season as there may be personnel changes or the like that may enhance the chances for at DX test.

| | | |
|--------------|--------------|--------------|
| 580 WOFE-TN | 1440 KMED-OR | 1500 KWRG-LA |
| 1110 KCIA-NM | 1460 KIL0-WA | 1540 WRGM-VA |
| 1240 WOWL-AL | 1480 KONI-UT | 1570 WPEP-MA |
| 1370 WKFD-RI | 1490 KJIN-LA | 1580 WCCR-IL |
| | | 1580 KRZI-TX |

OUR REPORTERS THIS MONTH:

| | |
|--------------------|----------------|
| TF Ted Fleischaker | Louisville KY |
| BH Brett Hanavan | Chula Vista CA |
| BHa Bill Hardy | Aberdeen WA |
| RM Ron Musco | Poquonnock CT |
| GN Gene Nix | Billings MT |
| DS Dave Schmidt | New Castle DE |
| JS Jerry Starr | Youngstown OH |
| BW Your editor | Greensboro NC |

Well, that wraps up another AM Switch. Let me know which type style you prefer in the AM Switch. This is the 3rd different typewriter I've used for the column in as many editions. I prefer this one myself and will use it as much as possible but let me know which is preferable to the readership and I'll go with that one. One other note--the response to this column has been very gratifying since its inception and the kind words make the job much easier. The response from our western members has been superb so far--keep it up out there fellas. We ECNA DXers can use any tips we can get our hands on in our quest for the Western states.

73 and good DX

WLUP Radio's newscast policy is to keep in tune with the news

BOUQUETS, BRICKBATS, and other pertinent scraps from the cluttered notebook of your friendly neighborhood TV critic:

• WLUP-FM, a Chicago rock station struggling for listeners, has an unusual policy about news: Live newscasts are broadcast only during morning drive hours. For the remainder of the day, the station presents occasional one-minute taped "newscasts" especially designed for people who don't care about news.

In order to keep music-hungry listeners from switching to another station, WLUP sets these "newscasts" to music. An announcer reads a brief story accompanied by a record that blends with the story.

The station recently broadcast a story about a rape trial in which both victim and defendant were deaf mutes. The musical accompaniment: Gordon Lightfoot's "If You Could Read My Mind."

Chicago Tribune from Headquarters

How do you stop it?

Question: "While on vacation last September 19 in California, I bought a Sing A Long radio for our granddaughter for \$13.95. When I arrived home, I put the batteries in to try it out. It worked just fine but would not turn off. There was a 90-day warranty; so I sent it back to Concept 2000, Inc., 830 Bloomfield Ave., Clifton, N.J. 07012, insured. A post-office tracer shows they got it, but they have not acknowledged it or my many letters since." — Mrs. R.F.O., Snoqualmie.

Troubleshooter: A radio that refuses to turn off is a feast for the ears of some teenagers. In this case, following our inquiry, the firm sent Mrs. R.F.O. a new radio — one that works; it shuts off.

Seattle Times from P. Vernon.

Phone 404-633-1198 before 2300 ELT. Deadlines usually Monday, Tuesday will usually get you in however.

From Danish Short Wave Clubs International... 534 the BBC testing tx's I mentioned an issue or two back are part of a traffic information service in the London environs apparently. Power is 500 watts. 746 Upper Volta ID's as "La Voix de Renouveau" at s/off. 759.46 is the current freq for R. Nacional de Sao Tome for you dreamers. 927 is the current freq for Belgium. 945 the Nigerian that we got the news on late last spring is still being reported all over Europe. 962 is the new freq for R. Caroline, and R. Mi Amigo is on 1412, both being heard well. Egypt according to the Egyptians 818/980/1079/1142/1277 are on 24 h. 737 is being used, the sked being 0400-0638 and 1200-2300. West Germany WDR is testing on 719 until Sep. 30 from 0500-1730. 200 kw is being used and in the meantime 1586 is using only 400 kw at nite. The DLF is building a 100 kw tx for 549, and looking for a site for a 200 kw tx on the same freq. These two will replace Braunschweig and Bad Durrheim which will stop broadcasting after Nov. 22, 1978 when the new ITU plan goes into effect. For some months there will be no DLF tx on 548. Great Britain the BBC is planning to open a "BBC Radio Europe" towards the end of 1978. The first outlet should be 648 with a power limit of 150 kw. Albania is also assigned to this freq with 300 kw so the tx power is expected to increase to 500 kw to insure adequate reception. (So Albania will raise power to 500 kw, and the BBC will be no better off...CH) Libya the Mebo II has apparently become part of Libyan Radio. It is supposed to transmit Libyan programs while the MW tx's are down for adjustment prior to the '78 ITU plan. Reports are to be addressed to the regular address for Libyan radio-Box 333, Tripoli. A tx on 1232 is reportedly on the air in addition to 773. Pakistan is testing 1000 kw on 585 from 0045-0600. Changes culled from the EBU list of changes.... 774 the new Moroccan is on and heard here with the B pgm. France Bastia 1403 and Ajaccio 1493 both to 20 kw. Morocco Agadir 936, ex 935. Spain EFE57 1133, ex 1570, EFE31 L.V. de Vigo back on 1133, ex 1145.EAJ64 Segovia now 1412, ex 1430. U.S.S.R. the following new unid's have been identified: Semipalatinsk 1205 and Tallinn 1525 and 1397. Sudan on 764 is reported to run past listed 2315 s/off sometimes.

From the above and a few other notices, it looks like many of the Europeans and Africans are jumping the gun on the ITU plan. Speaking of which, the rest of the plan was received in mid August from Dario Monferini, our hard working member from Milano. The whole thing will be typed up by Al Merriman and run in DX News ASAP.

From the New Zealand DX Times.... 1224 TIPJ fair at 0441, 1545 Caracol in Quito reported here, and 1025 Ecos del Combeima on top of the channel.

Via Arctic Radio Club... 885 ZP16 R. Presidente Stroessner heard at 0333, the item is in Swedish and can't get the rest of it. 1224 HCBJ2 R. El Mundo, Guayaquil reported, and the same for 1529 HCMP2 L.V. de la Peninsula. Power for 1025 R. Fides, San Jose C.R. is listed as 10 kw now. Also Ramadan began August 15, meaning that it will likely be over by the time you read this.

Veries... Benin 1475 card with flag and map of Africa, no signer for rpt of 5/3/77. Schedule is apparently out of date. (Gustafson) Colombia v/1 in SS from R. Aeropuerto, Barranquilla 1160, no calls given and arrived in HJHJ 600 envelope. v/s Roberto Esper Rebaje, Gerente. Address is Carrera 53, No. 55-166, Apartado Aereo 3143, Barranquilla. (Ernie Cooper)

From Richard Clark of Puerto Rico comes the following changes for Puerto Rico/Dominican Republic/Virgin Islands/Bahamas. 600 WAEL using R. WAEL, ex R.600. 630 WQBS ex WWBS, 740 WIAC now using calls, ex R. International, 760 WORA now La Gran Cadena. 810 WKVM using KVM, 840 WXEW using R. Victoria, 850 a new tx for HILR. R. Clarin located in Santiago, D.R. 930 WEKO now full time, 970 WSTX ID'ing as 97-X, 990 WPRA now R. Alegria, 1090 WBOZ, ex WRSB, 1150 WCRD R. La Grande is new, 1240 WALO ID'ing as R.

WALO, 1260 WISO now R. Ito, 1290 WRRR Frederickstad U.S.V.I. now on the air, 1370 WIVV ID's by calls, 1390 WISA ID'ing by calls, ex R. Noroeste, 1410 HIGA ex 1420, 1455 HIAR ex 1450, 1460 WCID using R. Rumbos slogan, 1460 WFBA now R. San Sebastian, 1470 an AFRTS outlet in Great Inagua, Bahamas here, 1485 HIAH R. Hit, ex 1480, 1526 HIFU R. Neiba on this freq, not listed in 77 WRTH, 1530 WUPR ID'ing by calls, 1570 WPPC R. Felicidad are the calls and slogan for the Penueles CP.

164 FRANCE The France Inter station at Allouis has been shifted down to 163.840 kHz for several years now and the carrier frequency is controlled by an atomic standard. This is presumably to allow binary division of the carrier frequency 14 times plus one decade division to generate a highly accurate 1 p.p.s. timing signal, making Allouis a French version of WWV. Have never seen this mentioned in the DX press before. (Foxworth) (Another NRC exclusive-CH)

251 ALGERIA the superpower station at Tebessa indeed back on the air and heard several times such as 0335 7/26 and 0330 8/10 with good signals carrying what seemed to be the Algerian AN service. Freq is closer to 251.2 as checked here. Also have been hearing signals on 180 (Europe 1) and 218 (Monte Carlo) often in the 0330-0345 period in August in addition to Allouis. (Foxworth) (Connelly, below)

545 DOMINICA Roseau fair w/festive Caribbean instrumental mx 0037 8/7.

555 ST. KITTS Basseterre good w/lottery drawing-sound of drum being turned numbers being read in EE, prizes of \$25 announced 0041 8/7. (Connelly) Radio ZIZ has been heard much better already this season than its neighbor R. Jumbo on 545, leading one to suspect either a change in Jumbo's antenna towards ECNA or a ZIZ power increase. Last season Jumbo was always better than ZIZ. (Foxworth)

575 ALGERIA Bechar presumed the stn w/s/on, drums, probable AA speaking, fair at 0457 7/30 and hampered by WMC A splash. (Foxworth)

COSTA RICA San Jose Radio Omega now here from 625 via 600, where Cucu may now be. (Schatz) Noted 8/10 by me with super signal, male saying "Omega" at the beginning of every song a la Titania. They must have an irregular sked as there is nothing here but a weak Algeria some eves lately. (Hutton)

580 PUERTO RICO WKAQ San Juan totally dominant at potent level; WKAQ Mas Musica jingle, SS talk, male SS vocal 0042 8/7. (Connelly)

640 GUATEMALA TGW amid Cuban and another SS stn w/R. Nacional de Guatemala ID and what sounded like a network ID 8/3 at 0425. (Hartlage)

705 ST. VINCENT Kingstown good thru rough SAH w/calypso tune 0048 8/7.

725 COSTA RICA San Jose TILX good w/50's style rock mx 0314 8/7. (Connelly, last two)

SURINAM Paramaribo like a local w/EE soul songs 0050 8/7. (Connelly) ID's as Super Radio Station on evening DJ show in EE-Dutch. Propagates to Florida via 3 E skips. (Schatz)

740 VENEZUELA YVNC R. Maracaibo may have quit AN'ing-not noticed lately during the wee hours. (Cooper)

749 CUBA Pinar del Rio R. Liberation drifting around here lately. (Schatz)

750 VENEZUELA Caracas YVKS in dogfight w/WHEB-a ghastly mess here. YVKS had ads for discos in Caracas 0058 8/7. (Connelly)

764 SENEGAL Dakar poor w/FF talk 2355, mx 0001 8/22. (R. Waterman) Good w/soft African instrumentals 0025 8/7. (Connelly) ID's always as R. Senegal Chaine Nationale even in vernaculars. Closedown at 0100 eves. (Schatz)

818 MOROCCO Rabat good w/AA mx 2345+ 8/22. (R. Waterman)

840 CUBA Santa Clara CMHW; correct ID is "Dobleve, Cadena Provincial de Radiodifusion", WRTH 77's listing as "R. Dobleve" and Arctic's "R. Cadena Provincial" are both incorrect. (Schatz)

845 ITALY Rome w/YL in FF, vy good w/some WHD QRM 0332 8/24. (S. Waterman)

860 DOMINICAN REPUBLIC HILR R. Clarin has a solid S9 sig virtually every AM on its AN show; seems off about alternate MM's though. (Cooper)

BRAZIL R. Mundial Rio de Janeiro is noted those MM's when Clarin is off, with much old US rock mx and few ID's. They were excellent around 0630 8/22. (Cooper)

885 MONTSERRAT Plymouth ZJB quite good thru WCBS splatter; ID slogan "ZJB-the soul spot" 0104 8/7. (Connelly)

890 HAITI Port-Au-Prince, R. Nouveau-Monde here from 910. C/down 0500 eves w/"Ici RMN" and sung NA. (Schatz)

914 SURINAM RANI at Nieuw Nickerie listed here; stn heard at 0030 one eve in mid-May briefly; noted again at 0030 8/10, both times w/continuous Hindi mx. Good briefly but faded rapidly and could not hold signal. In August reception gone at 0105 recheck and must have signed off at 0100 despite listed 0130 in WRTH. Severe TV QRM from 912.57 and freq checked as 914.0 both times. (Foxworth)

934 MOROCCO Agadir quite likely the one here eves on advanced move to its new frequency. (Schatz) See the listing in the feature stuff-CH

945 UNID SS running AN here, but it is always too weak to catch an ID. (Cooper) Should be Ifesa, only stn here I believe-CH

985 HAITI, but unid, believed Cacique from 990 kHz, in well eves. (Schatz)

995 ECUADOR R. Suceso, Guayaquil was noted on late SM 8/21 fm 0615-0645 with US rock selections and a solid signal; report sent. I've tried for this since my old Brooklyn days with no "suceso" until now. (Cooper)

1007 COLOMBIA R. Piedaquesta noted on this freq recently. (Schatz)

1016 TURKEY Usual mx at 0250 tunein to 0258 when YL spoke, time pips on the hour, then nx. Poor-fair 8/24. (S. Waterman)

1020 VENEZUELA R. Margarita, La Ascuncion NSP and has super signal MM's with KDKA off, but how do you pry a verie out of them? I've sent at least half a dozen over the years, all with Venezuelan stamps, but no reply ever. (Cooper) In the last few months I saw a verie reported in a foreign bulletin, new leaf?-CH

1040 COLOMBIA R. Super, Bogota and R. Tropical, Barranquilla both AN-7, in/out particularly SM's w/WHO off. One of them has about half an hour of news fm 0515-0545 daily, but I haven't yet determined which one it is. (Cooper)

1043 EAST GERMANY Dresden at 0310 w/GG talk, classical mx, good steady signal 8/24. (S. Waterman)

1067 CUBA Santiago de Cuba, R. Mambi here and often AN. Quite a drift from listed 1040. (Schatz) My unid of last issue, hrd OK here-CH

1080 HAITI Port-Au-Prince 4VRD, R. Nationale now active. C/down 0500; return to air "a 5 heures". (Schatz)

1088 ALBANIA YL talk in what was probably Albanian, ID at 0317 8/24 sounded like one listed in WRTH as "Ju flet Tirana", then mx. Much QRM fm WBAL and WTIC. (S. Waterman)

ENGLAND BBC good w/World Service, mx, mixing w/WBAL 0045 8/24. (S. Waterman) World Service good at 0107 8/10 for first opening of the new season here for any European other than top of the band signals. (Foxworth) Crowborough very loud 7/27 at 0053 w/man reading commentary in EE. 58 dB/noise, 20 Hz SAH. (Bailey)

1124 SPAIN Barcelona w/classical mx at 0050 7/27, 3.5 Hz SAH plus 1.5 Hz SAH, 22 dB/noise. (Bailey)

1146 HAITI assumed R. Caribes back to its old weird freq following a long absence. Noted eves. (Schatz)

1160 COLOMBIA R. Aeropuerto, Barranquilla heard and reported, vy loud MM 7/25 fm 0445-0502 s/off with Colombian NA by band. (Cooper)

1165 ANTIGUA St. John's C.R.L. good w/re;igious dramatic production in EE 0125 8/7. (Connelly)

1224 UNID noted nightly. (Schatz) See feature stuff-CH

1232 MOROCCO Tangier w/AA chanting at 0047 7/27, 10 Hz SAH and 22 dB/noise. (Bailey)

1265 ST. KITTS Basseterre r. Paradise excellent (killing WEZE) w/female vocal 0119 8/7. (Connelly)

1304 SENEGAL Kaolack 0040 7/26 (and subsequent dates) chanting w/ rhythmic accompaniment by guitar. Male in W. African FF 52 dB/noise, NA then s/off at 0102, WRTH says 0000. (Bailey)

1375 ST. PIERRE ET MIQUELON R. France fair to good w/cl piano mx 0118 8/7. (Connelly)

1385 UNID loops toward Haiti heard 0403 8/3. Not FF or SS. Lots of drums w/quite a beat. This maybe 4VS tho sked does not agree w/WRTH? (Hartlage) Maybe the local version of FF that sounds strange to American ears? The music sounds Haitian-CH

1403 GUINEA Conakry vy good w/fast African AA influenced vocal dance mx. 0117 8/7. (Connelly)

1448 PROTUGAL Coimbra 0035 8/8 w/female singing light PP song. Severe fading at times. (Bailey)

1460 MONACO Monte Carlo noted on 8/13, 15, and 17 signing on at 0355. Obviously a sked change tho I have no idea how permanent it is. Should make a nice TA beacon almost year-round if s/on remains this early. Pgm at 0355 is still the typical GG religion. (Eckman) Monte Carlo good w/religious choral mx, possibly GG 0307 8/7. (Connelly)

1475 BENIN Cotonou hrd with fairly good signal 0512 7/30 with man in FF dialogue; again at 0416 8/23 w/local mx, drums dominant but not real highlife style, annxts by man in FF. Alone on channel both receptions. Was // 4870 both times and simultaneous monitoring of both freqs on 2 rx's established certainty of ID. Despite old sked from QSL via DSWCI (page 9 last DXN) this stn has been on 24 hour sked for months as often monitored on 4870 here. Apparently MW only hrd near LSR though. (Foxworth)

Also note that all times and dates in the schedule are local for the DX'er involved. This will aid both you and me.

The idea of bonus points has come up. As of right now for this contest this will be the way bonus points will be scored. Instead of sending me your contest entries-send them to Eric Ritzenhouse for the Domestic DX Digest Column. He will then place them in his column with them marked as contest entries. I will then take them out of his column and keep your point tally. For each entry in his column, you will gain one extra point each. Also you will not have to send me your contest entries if you send them to DDKD. Of course, you don't have to send the entries to me if you send them to Eric. If he has to edit your entries for column length, he will send them to me and you will still get the one point bonus, since you did send them in.

For the eight contests, please DX from one location only if at all possible-your regular DX location in fairness to others. If you do make a permanent move during the contest, your totals will not be affected.

If not previously indicated, the contest is domestic only. To simplify this-if it's listed in the NRC Domestic Log, it will count.

If there would be enough interest, a foreign contest could be formed.

Remember the entry fee is 25¢ for all eight contests and a SASE if you want a certificate of participation.

Also my thanks to Konstantine Rychalsky, Harry Hayes, John Clemmer, and Mike Heppe for entering-how about you?

By the way, if you don't want to send a quarter in the mails-you can send 2-13¢ stamps for the entry fee.

Hope to hear from you all soon!

Bob

WGN in pact for Coast stations

WGN CONTINENTAL Broadcasting Company and Kelly Broadcasting Co. announced Monday that an agreement has been reached for Kelly Broadcasting Co. to sell AM broadcast station KCRA and FM broadcast station KCTC, Sacramento, Cal., to WGN Continental Broadcasting Company.

Kelly will continue to operate the stations until the consummation of the transaction after the required government approval.

WGN Continental plans to continue operation of the stations with the same staff after acquisition.

Chicago Tribune from Headquarters.



Atlanta Journal from Karl Jeter.

FORMATOLOGY AND THE NRC LOG

By John Callarman

In producing the NRC Log -- the complete listing of U.S. and Canadian stations designed to help DX Listeners identify broadcasters operating on today's crowded channels -- the author decided to attempt to categorize and describe the formats of every radio station in the two countries.

A format code was developed and observers throughout the U.S. and Canada were asked to measure stations by that format code. Some stations were monitored, others were contacted by mail or by telephone and asked to describe their format, still others weren't contacted at all but information from trade magazines, newspaper program schedules, and other sources was incorporated.

It is the identification and description of formats to which this article is addressed. Every attempt to make the necessary distinctions to describe formats -- by broadcasters, by music producers, rating services, and advertising agencies -- has been arbitrary ... and different. Confusions have arisen, particularly in using terms like "progressive," "contemporary," "adult," "Middle-of-the-road," and others to describe a format.

Words like "progressive" and "contemporary" are particularly difficult. Most observers now associate progressive with hard rock, related to such terminology as acid rock, underground, or most recently to the better descriptive term, "Album-Oriented Rock." But a small market radio operator asked to define his format on a Broadcasting Yearbook questionnaire may say "I have a progressive, modern outlook" and check "progressive" for his format. Likewise, "contemporary" is most strongly associated with a top-hit format with a tight playlist based on singles sales. But a station owner can say "We keep up with the times," and check contemporary as the best description of his format.

"Adult" music -- what is it? Some broadcasters who grew up before rock music became the dominant pop form say they have an adult music format because they play the likes of Sinatra, Crosby, Nat Cole and (more recently) Streisand and, say, John Davidson. Then there's "Adult-Contemporary" which supposedly is current rock music with a softer sound, or perhaps "A-rated lyrics", or maybe the Carpenters, Captain & Tennille or Neil Diamond. But if an adult is anyone over 21, and if those teenagers who listened to Elvis, Fats Domino, Bill Hailey et al in the late 50's actually are nearing 40 as the calendar says, how do we presume to label one style of music or one format "adult"?

"Middle-of-the-Road" is just as much of a problem. To define MOR, you first have to designate where the "road" is. Various formatters will call a station that plays Billboard's "Easy-Listening chart" music "MOR." Others will call a station playing WJIB-WFOG-KFOG-Bonneville-TM 1000 type instrumental music "MOR." Another will say a station carrying a variety of different programs, such as WGN, is "MOR". And a station manager will say "We don't play any extremes; therefore our format is 'MOR'."

Looking at the different attempts to identify formats -- the FCC recently came up with 17 categories in a study to determine the effect of format changes on markets as they considered the possibility of having a say in format changes. (Fortunately, the decision was that the FCC doesn't decide station formats.) Art Vuolo Jr. of Logos Unlimited publishes a series of radio guides for stations to distribute to listeners with 14 formats identified. A recent article, "Radio and the Music Scene" in Television and Radio Age reduces the BF/Communications Services of Glen Head, New York list of 17 formats to 10 plus a "various." **Broadcasting Magazine**, in its September 27, 1976 "Many Worlds of Radio" issue lists the Top 10 stations in the Top 50 markets, and finds 25 formats represented.

Let's look at some of the lists, starting with the Vuolo listing -- using a single-letter code to define the formats:

| | |
|-------------------------------|----------------------|
| A-Album-Oriented (Prog.) Rock | N-News |
| B-"Beautiful" Music | O-Oldies |
| C-Country Music | P-Contemporary Music |
| E-Ethnic/Foreign Language | R-Top 40 Rock |
| F-Fine Arts & Classical | S-Soul |

G-Gospel & Religious
M-MORT-Talk
W-Variety

The Television/Radio Age listing is a little different:

a-album, easy-listening, beautiful music, standards, WRFM, KBIG, WCFL
ac-adult contemporary - WNEW KSFO
cw-country & western, bluegrass etc. KNIX
e-ethnic, black, jazz, gospel, r&b KDAY
m-middle-of-the-road, pop, adult, etc. KMPC, WIND, KFRC, KSD

mc-modern country, Nashville sound
KLAC, WMAQ, WBAP, KENR
n-all news WINS, WBBM
r-rock, contemporary, progressive, etc. KHJ, WLS, WABC, WFIL, KILT
s-spanish
t-talk, telephone talk - WOR, WMGA
v-various -- WGN, WJR, KMOX

Broadcasting's list, in order of popularity, reads:

| | |
|---------------------------|----------------------|
| Contemporary | Golden Oldies |
| Beautiful Music | Spanish |
| MOR | Mellow Rock |
| Country | News/Beautiful Music |
| News | Contemporary/MOR |
| MOR/talk/news | Country/MOR |
| Talk/news | Disco |
| Contemporary/AOR | Classical |
| Black | Hawaiian |
| MOR/Contemporary | Religious/black |
| AOR (Album-Oriented Rock) | Contemporary/talk |
| Talk | MOR/Beautiful music |

Big Band

Another try at listing stations and identifying formats has been established by Bruce Elving, of Duluth, MN, who publishes a primarily-DX-hobby-oriented "FM Atlas and Station Directory" that has an added market among travellers and in the Broadcasting profession. He has established format categories, with this code:

r-"Rock", including progressive/underground, "solid gold," top 40, "oldies," "Hit Parade"
m-"Middle-of-the-Road" including upbeat popular, big bands, Broadway, standards, easy-listening
c-"Classical", including semi-classical, marches, classical/operatic, electronic/experimental, ragas, other eastern music
j-"Jazz", swing, be-bop, jive, traditional jazz, modern progressive jazz.
s-"soul", progressive black rock, rhythm-and-blues/soul, blue-eyed soul
g-"gospel" - rock/jazz religious songs, spirituals/country gospel, hymns/gospel songs, preaching stations.
k-"Country" - modern country, traditional country, bluegrass, jugband.

Nine formats are defined by Wayne Paananen and Reinhart Paulsen in their "Travelers Radio Directory" -- Middle of the Road: Stations that vary their style of music; Country and Western: Bluegrass to the modern country sounds; Rock: Top 100 to heavy acid; Beautiful Music: Big band, easy listening, and classical; Solid Gold: Features only million sellers; Soul: Jazz and many new all-black formats; Ethnic and Spanish: Foreign language programming; Religious gospel to traditional hymns; All News and Talk.

Standard Rates and Data Service, Inc., of Skokie, Illinois, in its Spot Radio Rates and Data, has a highly-detailed Music Glossary, prepared by the School of Music at Northwestern University, as a guide for programmers in establishing a detailed description of their programming. The glossary provides some interesting and detailed descriptions of the many different kinds of music, but is a bit too complex to codify and too lengthy to add here. SRDS' primary purpose is to describe a station's programming to assist ad agencies and individual advertisers in their purchasing process. Recent editions of SRDS have dropped the glossary, which may have been a bit too esoteric for most broadcasters and buyers.

Some other terms that have been used to define formats, as shown in the annual station directory in Broadcasting Yearbook, include -- Diversified, Country Rock, Variety, Good music, Block, Sacred Music, Sports, Pop, Pop-Contemporary, Educational, Progressive Country, Easy-Listening, Entertainment, Disco, Personality, News/sports, instrumental, information, magazine, Hits of 40's and 50's, Farm, Gentle Country, Town and Country, Countryopolitan, Soft Rock, Better Music, Inspirational, Nostalgia Rock, nostalgia, swing, Uptempo MOR, Japanese, Filipino, Calypso.

The five most-listened-to formats, according to the breakdowns of the most-listened-to stations turn out to be Contemporary (or Top 40), the WABC, WLS, KHJ style of programming; Beautiful Music (mostly on FM, but with AM counterparts such as WCFL, WPAT, KABL); MOR, identified as KMPC, KNER, WIP, WHDH, etc.; Country, such as WHN, KLAC, WJJD, WMAQ, KRAK; and All News. Then follow Talk Stations, Album-Oriented Rock, Black, and Oldies.

MOR, though, is a grab bag term that's still a bit undefinable. It seems to be a tag that is applied to music selection that doesn't fit any other format. For the purposes of the NRC Log, though, the author sought to use MOR in a much narrower form. Our description was "Hits, mixed with album cuts and standards, extremes dropped." But even that description is open to widely divergent interpretations.

Recently, Gary Kleinman of Broadcast Programming and Production magazine, conducted an interview with the president of Radio Arts, Inc., Larry Vanderveen, in which Vanderveen defined MOR in detail, but very close to the concept of MOR the NRC Log editor had in mind. Vanderveen's contention was that most stations were missing the boat by programming their music based solely on singles sales, or perhaps over-the-counter album purchases in combination. The contention was charts based upon these sales only are too greatly dominated by youngsters, and did not take into consideration such markets as record clubs, night club audiences, pop concerts, and television variety shows.

Vanderveen developed a questionnaire including 260 artist names -- 75 rock names chosen by Charlie Tuna of KIIS, 60 C&W names, picked by Hal Smith of KLAC, 75 MOR names and 50 "crossovers." Twelve-thousand questionnaires were placed in shopping centers and other high traffic areas in 60 markets, and within 10 days, over 40% of the questionnaires were returned. From these questionnaires, Vanderveen came up with the 40 most popular adult artists -- with 50% of them standard MOR like Sinatra, 20% current MOR like Helen Reddy, 20% crossover such as Charlie Rich, and 10% pure country, like Johnny Cash. Three rock acts were designated -- the Beatles, Chicago, and Elton John.

Vanderveen's "Adult Top 40" -- the basis for his definition of true MOR -- the artists that most appeal to the "adult" audience, were identified as:

Burt Bacharach... The Beatles... Glen Campbell... The Carpenters... Vicki Carr... Johnny Cash... Ray Charles... Chicago... Petula Clark... Roy Clark... Nat King Cole... Perry Como... Mac Davis... John Denver... Neil Diamond... 5th Dimension... Roberta Flack... Tennessee Ernie Ford... Robert Goulet... Al Hiatt... Englebert Humperdinck... Elton John... Olivia Newton-John... Tom Jones... Henry Mancini... Dean Martin... Johnny Mathis... Wayne Newton... Tony Orlando... Elvis Presley... Charlie Pride... Helen Reddy... Charlie Rich... Simon and Garfunkel... Frank Sinatra... Barbra Streisand... Tijuana Brass... Bobby Vinton... Dionne Warwick... and Andy Williams.

MOR, Vanderveen asserts, is a matter of sound, in addition to artist... "harmonic blending," he calls it. For example, he cites The Captain and Tennille ("Love Will Keep Us Together" fits in an MOR format; "Shop Around" does not) and Neil Sedaka ("Laughing in the Rain" yes; "Stepping Out" no.)

Vanderveen's MOR ideas, incidentally, are contained in his company's new formatted music service, called "The Entertainers." The point of the above artist list is that a station that programs these and others whose overall sound is similar is the MOR sound the NRC Log is trying to designate.

WLS, KHJ, WABC et al are variously described as contemporary, rock, or Top 40 stations, depending upon who's doing the describing. The basic format is a very tight playlist -- from 13 to 40 current hits, repeated over and over and over again, with maybe one or two new singles and one or two oldies every hour. Because it's the easiest-to-understand-at-a-glance method, the NRC Log calls this format Top 40 (T40). We avoided "Rock" (ROK) to describe this particular format because not all of the most purchased singles are rock records, though today most of them turn out that way.

Very close to Top 40 and bracketing it are two other NRC Log format designations -- "Rock" (ROK) and "Popular" (POP). Both are expanded Top 40 formats, and stations running ROK and POP will sound a lot like a T40 station. ROK stations will have current rock singles and some album cuts, dropping the down-tempo chart tunes and the country cross-overs. POP stations eliminate the hard, metal sound of the louder rock tunes. The POP format will be very close to the Billboard Easy-Listening chart in its music selection. Both ROK and POP stations will have a much larger playlist than the T40 station.

Both the ROK and the POP formats have an "Oldie" counterpart. If one-third or more of the selections are Oldies in the same idiom, the NRC Log designates the formats ROL, mixed rock and rock oldies, and POL, mixed pop and pop oldies. Some stations have decided to play all "Oldies", or "Solid Gold", and these stations sound "Contemporary" too. This format is designated (OLD), and generally consists of million-sellers from the beginning of the Rock era (about 1955) on.

Some stations -- mostly on FM but a few AM'ers -- are playing album-oriented, progressive, heavy, acid, underground, or whatever other terminology fits to define this particular specialized rock category. For the NRC Log, the author chose to call this a "Progressive" format (PRG), but after the log went into print, it became clear that the Broadcasting and Music industries have settled on the term "Album-Oriented Rock" to describe this format. For the same reason that "Contemporary" is not a really good term to describe a format, neither is "Progressive" and so for that reason, future NRC Updaters and the next log will refer to this format as "Album-Oriented Rock" (AOR).

(This creates a slight problem for users of the log, since we had originally used the code "AOR" to mean a kind of a grab-bag formatted station that pretty much sounded the same all day but used no specific method in choosing its music. An AOR station under this code would be, for example, the small-market station where the records are filed by number, the jock pulls a handful of records off the shelf, and plays them in numerical order. The listener to this station would hear music he'd never hear anywhere else. Only a handful of stations have been given this "AOR" designation, and in the next edition of the log, it'll be changed to (GBG) for "Grab-Bag"!)

Another contemporary format that is becoming increasingly popular is something that's called "soft rock" or "mellow rock." It'll consist of ballads with soft, non-screaming vocals and non-clanging sounds, but a basic rock rhythm on each cut. The WKIS-740 all-night show is a good example. We'll call this sound "MRK" for "Mellow Rock."

In the Log, we have "MOR" shown as a contemporary format, though actually it is a bridge between contemporary and conservative music formats. In some segments of the industry, there is a tendency to call non-rock music "good" music or "adult" music, as if contemporary music were "bad" music or the exclusive property of children. The author prefers to listen to music that falls in the conservative category, but believes it's unrealistic to say my tastes are adult tastes, while the music I don't like is for kids. Rock music began its ascendancy in 1955, so there are many people in their late 20's and early to mid 30's who favor rock.

The conservative music format that has seemingly gained the most audience is designated "Beautiful Music" (BFL). Although that's a subjective term, it has gained industry acceptance for the mostly instrumental, predominantly slow strings (or "slush") music, usually played in segued sweeps of four or five selections, with clusters, at each of the quarter hours. Some observers refer to the format as "elevator" music, or Background Music. Normally, there'll be one vocal each quarter hour, two or three "slush" tunes, and one "change" tune -- a slightly brighter selection.

Between MOR and BFL are two shades of difference -- "EZL" (easy listening) and "STD" (standard). EZL is similar to BFL but it will be about half vocal, generally solos by name singers, and the instrumental selections will be a bit brighter in sound. More Horst Jankowski, Tijuana Brass, Al Hirt, and less Mantovani, Living Strings, and Percy Faith. STD will be mostly vocal, solos and small groups, mainly album covers of familiar songs from all eras, with rock rhythms eliminated. The Vanderveen "Top 40 MOR Artist" list contains names of artists who are staples of the standard format -- Carr, Cole, Como, Coulet, Hirt, Mancini, Martin, Mathis, Sinatra, Streisand, TJB, Williams, and you can add such as Tony Bennett, Four Aces, Ed Ames, etc. On a station with a STD format, you won't hear Charlie Pride, Johnny Cash, Elton John, or Chicago.

There is some confusion about "EZL" because Billboard Magazine designates its non-hard-rock pop chart "Easy Listening." "EZL" for the NRC Log does not relate to the Billboard Easy-Listening Chart. That list, as mentioned earlier, will provide the bulk of the music for the "POP" format.

Also among the conservative music formats are "BBD" - Big Band Music - or pre-1955 pops, and "CLA" - Classical Music, lumping all fine-arts style programming into one category. These formats more or less speak for themselves, with Benny Goodman, Glenn Miller, Artie Shaw, Duke Ellington, and their modern counterparts plus the old band singer solos associated with the pop charts prior to the rock era forming the backbone for BBD. Since there probably are no stations that play exclusively Film Music or Broadway Show Tunes, we'll not get that technical.

Now we come to Country Music. It splits two ways for purposes of the NRC Log -- Traditional Country ("C&W") and Modern Country ("CWM"). Basically, the differences can be summed up like this. CWM has violins instead of fiddles, the voices are less nasal, the guitars are far less twangy, and many of the vocals are backed up by smooth-sounding choral groups. While a "C&W" station may play some "country crossover" music, you probably won't hear too much bluegrass, hillbilly, or crying steel guitar on a "CWM" station.

Rhythm and Blues -- the old Johnny Ace, B.B. King, Fats Domino style of music -- seems to be passed -- and as a consequence, the presently-accepted terminology for current Black-oriented pop music is Soul. Hence, the designation "SOL" for stations with musical formats like WILD, WWRL, WACK, KYOK, WDLA, KDAY, etc. Disco music is becoming a more-and-more viable format, with a handful of stations now playing Disco music exclusively, or in blocks with Soul music. "DIS" is the designation for the Disco format. (Refer to the Billboard Disco chart and the Billboard R&B chart to see what selections fall into these categories). Obviously, some Disco music will be heard on ROK, T40, and POP stations -- and on an occasional MOR outlet, too. Jazz (JAZ) and Folk Music (FLK) are very specialized now, and will likely be presented only in short blocks. The same is true for collected programs from the early days of radio, which we have categorized as Nostalgia (NOS).

News, Talk and Information programs are split into three categories that more or less speak for themselves. All News is designated by "NWS". "INF" refers to a station that programs news blocks plus a lot of interview programs and short specialized shows such as stock markets, farm, sports, etc. An "INF" station could also have some telephone talk blocks. A "TLK" station would be primarily a telephone talk show format, with some news blocks. There shouldn't be too much of a problem distinguishing among the three.

One format that should have been included in the NRC Log is a designation to cover the station that mixes music and information, either throughout its schedule or at least in blocks. There'll be a record played, then an information feature, another record, etc. The feature could be something syndicated, a short special prepared by the news department, or merely the personality announcer reading live a bit from the wire or the hospital report, integrating these into the show. This is a description of the "Magazine" format, or (MAG). The old NBC Monitor Program on Weekends was a classic example of the Magazine format.

What is the distinction between Religious Programming (REL) and a Gospel format (GOS)? The NRC Log includes both categories. The author has chosen "REL" to signify stations that present rather formalized church services and programs, hymns, oratorios, etc., with "GOS" signifying country or soul style religious songs and evangelistic type preaching. The Mormon Tabernacle Choir as opposed to the Blackwood Brothers Quartet!

Other specialty program formats are fairly obvious -- ETH: Ethnic programming (Several non-English language programs in blocks); LAT: Latin American, general; MEX: Mexican Music; CUB: Cuban music; PRT: Puerto-Rican music; CAN: French-Canadian music; HAW: Hawaiian music; FIL: Filipino programming; ESK: Eskimo; and JAP: Japanese. Just as obviously, except for ETH, these formats are uncommon except in specific geographical areas covered by the Domestic Log.

Now, suppose there's a station that's neither fish nor fowl -- a station that has block programming with several different kinds of the above formats. Some talk, some country music, a news block or two, and maybe a sequence of old-time radio shows... or perhaps a very local station that has a C&W hour, T40 at night, MOR for the housewives, a one-hour TLK show, and a stack of news, sports, farm, weather, stock market, obituaries, hospital report, etc. in a block, we've shown them as VAR for variety. In some cases where there are two or three dominant formats, for example:REL/BBD; dMOR/nROK (for day & night), or 6MOR/17TLK to show MOR Music from sign-on to 1700 ELT, then a Talk show until sign-off, there'll be a multiple designation.

The format designations established for the NRC Log are (just as each of the other listings) arbitrary, but if each contributor and user understands the definitions and codes to designate them, the Log will mean the same thing to everyone. If DX'ers contributing to club bulletins could use the format codes to describe what they hear, it would help the data collection process for future editions of the NRC Log.

NEWS FORMATS: Another area where a capsulated form is used to describe the format is the way in which newscasts are handled by the station. We've tried to devise a system where the maximum information is presented in the minimum of space. The basic description shows the usual hourly format, with additional designations for special times, such as drive time, etc.

A station that carries, say, the classic Top40 news format of 5 minutes on the hour and heads on the half hour would be shown 60(5)30(2). If a station runs network news on the hour and five minutes of local news on the half hour, it'd show up 60(5)30(5), with underlining signifying a network newscast. A station that tags a network newscast with its own local newscast would be shown 60(10) with dashed lines indicating part network part local.

If the station, in addition to its normal news format, carries a handful of expanded newscasts -- say 3 15-minute newscasts daily -- add the suffix "x" to its newscast designation, e.g. 60(5)30(2)x. If the station has one or more news blocks of 30 minutes duration and it isn't sufficiently news oriented to merit "NWS" as part of the format designation, add the suffix "b" to the code. Some stations will run a second newscast during drivetime, or expanded drive-time headlines to a five-minute newscast. These would be shown like this 60(5)30d(5) or 60(5)30(2;5d). A station that has a basic news format but does not run news every hour could have a minus sign after the news code: 60(10)(-).

The basic purpose of the format code in the NRC log is to help users of the log to identify the station he hears. As any other "tentative" identification help, the format designation cannot be used conclusively for ID purposes. In other words, if you hear C&W on 1460 and there's only one station listed for that format, you can't claim you heard that station positively. The radio business is a volatile one, and formats change daily.

Information from active DX'ers to the appropriate columns in NRC's DX News IRCA's DX Monitor will eventually find its way into the hands of the NRC Log Editor, or format changes can be reported directly to:

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

JAMES E. CRITCHETT - 1635 Walbridge Street - Red Bluff, CA - 96080

We made the 12,000 mile trip without further accidents. We had good visits with Relfe Luton, Joe & Marty Brauner, and the Louisville Publishing Committee. The DX NEWS is in quite capable hands. I have been busy since returning, writing the trip story, and compiling a 24-hour log of stations heard since 11/21/76. Not too much to report, anyway, in the Summer season. Static light, here. MM 5/2 on 1300, KRVB, Rogue Valley Broadcasters, on @ 9 EDT, so a new station on the air. Wed, 5/11 on 1440, KPUR IDed at 5:22, my mystery station on 1440 while it was a frequency without West Coast ANS. MM 5/16 @ 9am on 790, KIQR, Clovis, CA signed on for another new one on the air. On Wed. 5/18 on 970, KYTE was first heard to ID @ 6:31; a call change from KOIN, Portland. On MM 8/1 @ 6am on 1530 I heard WTHM, Lapeer, MI s/on w/WTHM-FM on 103.1, u/WCKY. Tues. 8/9 @ 6:04 on 1440, KUHL said "Around the clock in Santa Maria", so there goes that frequency for AN listening. KUHL used AI NX @ 5am 8/11. Fri. 8/12 @ 5:50 on 1270 I heard "Tender, Loving Country in Twin Falls", so KTFI is now KTLC, and AN except MGS; CHWK with them. MM 8/15 I brought the 24-hour log up to date; a lot of work, but now I know which frequencies I do not need to try at what hours. In trying to fill in all hours, I have already heard three new stations, two changes in calls, & two new ANS. Only retired or unemployed persons can listen to any frequency at any hour, day or night. Wed. 8/27 on 630 I finally heard KIDD @ 11:14 EDT w/MOH. SM 8/21 @ 6:04 on 910, XEAO came through KNEW I IDed. MM 8/22 @ 3:40 neither KTLC-1270 nor KUHL-1440 was on the air, 20 q4-hours, SPU. (AN-6, no! -KRC) The latest new one was CHNL-610, ID @ 4:03, naming the NL stations. KPRC-610 was testing intermittently, & KRKE in w/week ID @ 4:05 w/CHNL. I might report more frequently; I hope other West Coasters do also. 73s.

BILL HARDY - 2301 Pacific Avenue - Aberdeen, WA - 98520

I can't remember who it was, but years ago I read a great definition in the pages of a DX bulletin: "Vacation: When you travel around hearing stations you wish you could hear at home." And thus it has been for Nancy and myself the four-week period from 7/12 to 8/9. We took the NRC Log along, as well as a portable RX (plus the car RX of course), & I made notes on some of the interesting things we heard. For instance, on 7/16 & 7/17 in Deer Lodge, MT, we could find NO TRACE of the local KDRG-1400 while we were there, from 4pm (local time) Sat. till 9am Sunday, so unless they had a breakdown or have funny weekend hours they just may have gone dark.* We noticed a similar situation in multi-station-city Cheyenne, WY, when we were in and near that area from Sat. 7/23 to Mon. 7/25. There was NO trace of KRNK-1530 (ex-KNIE ex-KCHY ex-KCQO ex-1590) at all, so apparently they ARE dark. Regarding some of the former NIS stations: KTSN-1380 & KDEN-1340 are each still doing all-NX without NIS; however, KRDD-1240 gas reverted to an MoR mx format. KZLA-1580 now has AI as well as Mutual, format all NX/talk. KAAT-1090 has Mutual but seems to feature block religion as their major format. KGRT-570 is country now. Something interesting happened on Sun. 7/31 as we were driving between Albuquerque and El Paso. We found Casey Kasem's "American Top 40" show on KQBO-920 from 11:45am tune-in EDT till 12:45pm fade-out. We tuned around the dial for other things for a while (KOB-770 & XEROK-800 being most consistent), then, oddly enough, we tuned into KJLP-920 during the same song on the "AT-40" show that we'd been listening to when it faded out on KQBO - except by now it was three hours later - so we got to hear the rest of the show after all! - Strange to have a program reappear three hours later on the same frequency with the continuation of the same show! To us, the biggest radio desert (during midday, as most of our travels were done midday) was the Painted Desert in NE Arizona. After we lost the Flagstaff stations there was absolutely NOTHING on the dial. In fact, the Page station (KPGE-1340) was only audible about ten miles to the South, and after we got into Utah there was very little on the dial till we got into the Interstate. Those mountains really absorb the radio signals! My suspicion that KDRG-1400 has gone dark is borne out by an application to the FCC from the "general manager at KRDC" for a "new" station in Deer Lodge, listed in Broadcasting magazine. 73 & more from us soon.

DICK CLARK - Santo Cerro - La Vega - Dominican Republic

Here goes another report from Tropical America. Plans for my new house on top of Santo Cerro 5,000' above sea level. The DX has been good this past month with a new local HILR-850, R. Clarin in Santiago in, which is quite strong. Other stations noted are: WPU-1526 "R. Meiba" in Neiba, HIAH-1485 is "R. Hit" in Santo Domingo, HIGA-1410 Barahona, ex-1420, WORD-1150 Cabo Rojo, P.R., new station, WEXO-930 is full timer in Cabo Rojo, not daytime, WORA-760 is La Gran Cadena Mayaguez; WISG-1260 "R. Ito" Ponce, PR, WFBA-1460 R. San Sebastian, San Sebastian, PR. 73s.

DAN KENNETH PHILLIPS - W4NU - Route 1 - Box 476 - Jacksonville, AL - 36265

Not much is happening around here. Only DX heard this Summer was on 7/24 when WENK-1240 was heard s/off @ 2:05am EDT. I also have received new ham call, W4NU now replaces K4FNR. New RX here is Sony ICF-5700W. A review has been sent to Louisville. One note to hams. Remember NRC net meets 11pm on 3,895-3,905 MHz Sunday nights. It should begin again after the Labor Day affair. 73.

HILL HARANG - 811 Nevada Avenue - San Jose, CA - 95125

As a new member of NRC, I feel that an introduction is in order. I'm 21, been DXing since 1968 (since 1971 seriously). I've heard roughly around 570 or so stations with 36 states. Interests other than DXing include: geography, analyzing radio station surveys, etc. Recently, I had the pleasure of going up to the Pacific NW. This gave me the chance to make some interesting observations. I flew up to Portland for two days, then took Greyhound up to Seattle. There, I stayed with some relatives. I also went to Rainier and Olympic NPs along with Ft. Flagler State Park. Also, I went up to Victoria via ship. In Seattle, CFAI can barely be heard during the daytime groundwave. (Slop from KBLE & KING certainly doesn't help). At night, I was surprised to note KNX w/a good signal dominating the 1070 frequency almost all the time w/CFAI underneath. At Port Townesne, if you aim your radio one way, you get CFAI. The other direction, KNX, & C. EVERY Vancouver station has phase distortion at night in Pt. Townesne. By the way, for those of you who want a detailed WX report of the Pacific NW to listen to on the radio, be sure to tune in to K9MO-1000 for Ray Ramsey at 10:30pm weekdays; that's 1:30am, EDT. (Welcome to the NRC, Bill, and we hope you'll appear here regularly! -ERC)

STEPHEN H. FOWDER - Box 22635 - Fort Worth, TX - 76122

Nothing really important (earth-shaking, that is) since my last Muse - it's been here as well as in other places, so what else is new? Latest veries: v/p: WAFI-1070, KGA-1510; v/q: WFLA-970, WDOG-1130; v/l- KREL-710 (along w/a friendly chat with the CE in person), KEHL-1010, KYMD-1500, WBNS-1460; v/u- KBAN-1410. After Summer school turned out for the break, I went home to Bossier City to rest and "recuperate" from a strenuous semester. While at home, I got a chance to use a Zenith Transoceanic for a while. It's a great little portable, but for \$300+, one must consider it just a little expensive. The quality, of course, is excellent due to the fact that it's a Zenith. The variable selectivity really helps on the GY channels, as well as improving "hearability" on less-crowded channels. The patented 'Wavemagnet' antenna is one of Zenith's best-known achievements. Back in the 40's when the Transoceanic first appeared, they were GUARANTEED to receive state-side broadcast stations from Europe, so a lot of the GIs bought them. I personally own a late 40's model myself, made in 1948 I think. But the newer models are even better. Frequency coverage is NOT continuous, but it covers all major broadcast frequencies - LW, AM, FM, NOAA Weather Channels, & SW. It has a tape-out jack that does not kill the speaker, a feature I wish more radios had. All in all, it's a great radio, a classic design with superior performance. I would like to see a technical article in DX NEWS on this radio. 73's - see you in September. It was I who sent in the diagrams on HLDA, S. Korea and DWRF, Philippines. I found them in a recent issue of Christian Broadcasting Magazine.

KARL FORTH - 630 South Ardmore - Willa Park, IL - 60181

Greetings, verification #1,000 finally arrived here on 8/17, a v/r from WDXI-1310 for a f/up from last season. I had to break my 2 1/2 year "moratorium" on sending PP/c's to get over the 1,000 mark before I left for school, even though the Big One was not a PP/c. Other veries, all for f/upps and all PP/c's: WQOK-1440, WNTM-1550, WSAR-1480, KFSB-1310, WCGR-1550, KRIV-1540, KCAD-1560, WFTT-1450, WDSM-710. A little DX recently: 8/16 found both WOPA-1490 & WVON-1390 off @ 2:20am EDT, WOPA was running some TT & was back on @ 3. CHOO was dominant in WVON's absence, but one new one was heard, WKIC-1390 KY very loud on WID & TT @ 4:08. A sunrise session on 8/18 brought needed WBKC-1560 in w/s/on @ WBUK @ 6:01, unnn. WQTW-1570 also heard @ 6:01. I'll be at Southern Illinois University from 8/21; I'm not bringing the Hammarlund and plan to DX very little while I'm down there. I am looking forward to a week off for Thanksgiving and a month off for Christmas to DX. If any of you are cruising southern Illinois, please drop by; my address is: Wright I, Rm. 418, University Park, SIU, Carbondale, IL, 62901. I enjoyed seeing those WRC members present at the IMCA Indianapolis convention, and especially enjoyed looking through ERC's old Illinois veries. I couldn't make LINCOLN because it was a couple of weeks after school had started. See you all later. (Good luck in school, Karl, & it was great meeting you! -ERC)

W. R. RITAYIK - 1408 Valencia Avenue - Holly Hill, FL -

How are all the calloused ears? I like my SM-2. I had to replace the snap 9V connection on it. The new one had a longer lead which to me was a plus. With the original I was afraid some day I would carelessly pull the leads inside loose. The SM has red & white leads. The new snap had red & black. So I put red to red and white to black. It seemed OK at this time of year. After long consideration I bought a Lafayette 9V Charger-Eliminator. It has four switch applications and a pilot light. After days of studying I plugged it in, set on, snapped the connections together, eliminator on, "Holy Toledo!" I thought a pneumatic drill was in my head! Off, quick! Careful study & check, on again, wow! OFF quick! Then I thought (at last!) I reversed one of the snaps and just held them together. Beautiful. I tried it a second time. Still beautiful. I must have reversed polarity when I put in the new snap but red to red seemed right. In the future, still keeping the SM lead snap, I will run the lead through the shaft parallel to the SM shielded antenna/ground wire. I doubt if the two parallel will cause problems. I want to keep the SM snap for emergency battery use in case of problems with the Eliminator. The Hammarlund switch wakes my wife so I ran a cord with a small wheel feed-through switch up to lie alongside the radio. It has a three position female connection on the end to which I attach the cord to the radio. This was a plus because I now leave the Eliminator switch on all the time, as I do the Hammarlund switch, & as I have plugged the Eliminator to the female connection when I turn the wheel switch both are turned on or off. That way I cannot leave the Eliminator on by chance. I hope this helps some of you case-hardened ears-out

(Ritayik, con'd) there. 93s to you. That's degrees, that it's been too much of here.

BRUCE A. CONTI - 39 Bayberry Drive - West Warwick, RI - 02893

I'm a new member of the NRC, and this is my first Musing. So I thought I'd introduce myself to everyone. I'm an electrical engineering student at Northeastern University in Boston, MA. I was the NxD at Northeastern's WRBS-FM-91.7 for the Spring '77 quarter. While in high school, I was the West Warwick High School Update reporter for WKRI-1450, where I got my first experience in radio broadcasting. Now I have my FCC third class permit with the broadcast endorsement, and expect to have my second class license within a year. My monitor and DX headquarters ID is WDX 1 IEP. I've been DXing on and off since 1973 when I got my first QSL. But now I've turned BOB DXing into a full-time hobby. I work the night shift making money for college as a dishwasher, and when I get home (usually around 1am), the first thing I do is turn on the SW-717 & SM-2 and become an integral part of the DX World until sunrise. I've only received 369 stations from 32 states, five provinces, and six other countries. But with the help of the info-packed DX NEWS, I'm really moving now. By the time this is printed, I'll probably be over 400! My latest verie is from WHP-580 PA. With WSAR-1480 MA off the air at night now, I've heard WJIT in NY & WLEE in VA. Other new finds are CKLC-1380 Ont., WRIB-1330 PA, WGR-550 NY (over local WGNB), CHMO-1250 Ont., & WLLH-1400 MA. I hope to get a night off from work soon so I can attack the sunset hours, hi! I'm sure I'll have much more to report on when I muse again. 73's! (Welcome to the NRC & Musings, Bruce! We'll be looking for more Musings, & drop around & see us! -ERC)

HARRY W. JONES - K4FIC - 9612 Atwood Road - Vienna, VA - 22180

Time to Muse again after the usual layoff due to HMLs & poor signal quality on the ECB. My activities were devoted to increasing my DXCC totals on the 20 meter ham band and several technical projects to increase my DX capability on LW & the ECB. My DXCC score now totals 145 two-way country contacts from this QTH. I have acquired the Palomar Engineers VLF Converter with a 3.5 MHz IF which works fine, and have also ordered the LW ferrite loop unit from Jim Hagan with additional ECB coil. I have modified my SPR-4 RX for 2.4 kc/s. selectivity on AM reception, using the Ralph Sanserino circuit and recommend it highly. While testing the modified SPR-4 with Dymek DA-3 ferrite loop, I logged R. Jumbo -545, SRS-725 Surinam, PJB-800, HWCY-810 R. Sutatenza, & R. Belize-834, all with solid copy on 7/29 between 8:30 & 9pm, EDT. I anticipate better results on FA reception and difficult EA splits with improved SPR-4. I have also received a surplus GPR-92 general coverage RX with ECB coverage and variable IF selectivity in steps of 0.5, 1, 2, 3, & 7.5 kc/s. on AM. I will report on this receiver in the next Musing. 73.

PAUL MOUNT - 471 Emerson Avenue - Teaneck, NJ - 07666

(on the Hudson, con'd from last issue). On 1590 WQQW was pulled out, an advantage of having the SM-2, since last time only a carrier was noted. WRRL was heard in WING null. Although few stations were lost in the move (WQTK/WHTG/WCTC), this change of scene brought on quite a few stations not normally heard at home, including six from a state that I can't even hear during the day, MA. Unfortunately, the new WDJZ-1530 was not heard. If it weren't for the threat of being surrounded by water, I'd pick Nyack Beach State Park as one of my choice daytime DX locations in Metro NY. (Smatter, Paul, can't you swim? Hi -ERC). My address as of 9/1 is 507-B Carman Hall, Columbia University, NY NY 10027. Now to some DX out of the book: 12/27/76- WIBG ID on ET, first time heard, finally, 2:53 o/WMOX. KOKO on TEST, I heard TT, code IDs 3:13-3:22 o/u WOL. No verie received, I still have tape master. 12/30- WERI-1230 w/ID @ 2am, Id was for AM/FM, into NX, then Nitecap. I finished the year at 450 stations, 418 domestic. No new DX this 1/1 morning, though every other one since '73 netted something. Only "NB" beacon. 1/3- WVAB-1550, VA playing 50's & 60's oldies 4:19-4:28pm when they faded out right before s/off, drat. Around this time I tried SSS DXing on some previously untried frequencies at SSS. 1/3, 4:51-4:58pm found WDMV-540 to SSB, then WARO PA to s/off @ 5:13. Next, to 820, & WOSU OH loud w/NX, starting @ 5:40, QRM'd @ 5:44 by WAIT which by 6 was dominant, didn't seem to have NX @ 6. After that, though I was out on Winter break, I didn't DX much, preferring BKB games (high school). A GTG in Brooklyn 1/24 brought Bob Foxworth and his frequency counter. 1/11- SRS: These noted: WTTI Rocky Mount, VA, WDEW Westfield, MA, WQTW Latrobe PA, on 1570. There was more DXing done, but by logbook shows blank pages. MM 3/7- WRN off 2:35am, a "WDCD" on 1350-1370 w/TT, ID @ 2:48. 3/21- WSPR-1270 w/ID 10:30, while showing a friend from Detroit how well CKIW comes in, & trying for WXYZ. WSPR still needed in Teaneck. 5/3, my birthday, WIRY-1340 NY w/r song. Then WLLH in well 4:30-5 dual ID into NX, to surprise a friend from Lowell with a tape. SM 5/8, WINF-1230 w/SX 5:32-5:38am o/WERI, ID 5:39 w/NX. WOR noted w. Ai SX, 1:30pm. A lot more spurs/images are noted at Columoia than in Teaneck. WKGR-590, our carrier current station, is not much of a pest, with the TRV I think I could pull in WCC-600. I was "Survey Coordinator" at WKGR. 5/23 in Teaneck, try for WCBG r/c but only TT on 1590, no ID heard 12:10-12:18. WJDY-1470 good as usual on r/c. WLLH-1400 pest, 12:30, rr. CFNB-550 12:31-1:01 w/rr. TTs on 650, 660, 670, 680, 690, & 710 @ 1:18am, odd. 73.

PAT HARTLAGE - 9200 Wendell Way - Jeffersontown, KY - 40299

New addition to the log is WKNG-1060, Tallapoosa, GA heard 8/20 @ 12:10am asking for calls from Dlers. They are not on RG yet & were trying to solve audio problems. Earlier in the month, 3/3 midnight I heard an UNID on 1385 which has been heard several times since. Music reminded me of that heard on 1403 last year. I suspect this is Haiti. Language did not seem to be FF or SS, possibly Creole. That's it for this time. 73.

CHARLES ZIPSER - 2242 Jerome Avenue - Bronx, NY - 10453

Time to Muse. I have moved to a new location one town over from my parents' home in New Rochelle. Ordinarily reception would be identical except that I live in an apartment building. I sold the SM-2 loop to Ron Nix in Montana, I'm glad he is happy with it. I have really become a longwire freak. One reason is that my building is eight stories high and my landlord said I could throw as many antennas as I wanted to up on my roof as long as the wire doesn't hang down in an ugly fashion. First I threw out a straight line of 300-R wire going N/S fed to my TRF portable by way of 75SL Coax and F Connectors which I have put on the back instead of the assinine sub-mini jack. Antenna works well but I wanted to play around more so I put a 390SL resistor on the two ends of twinned on the North side. The resistor killed and I mean killed every signal but Northerly ones (except the NYC stations). Finally the superintendent complained that the wire had too much slack. So I took the wire and made it into an unstraightened uneven dipole which looks twisted. This wire had to follow the contour of the building. Well, it looks crazy but connected to an antenna tuner given to me by Myron Gray and then to the portable it works well, not as nullifying as a good loop but it does a good job till I get some more ideas. Oh, I did have trouble with harmonics so I attached a Miller TVI Killer and it got rid of all the buzzes and wines. I will write more as I build more. Oh - does anyone know where to get mechanical filters and if so how to attach them to an HA-600 by Lafayette or Radio Shack TRF? Call collect at night to: 914-668-6573 or write me at the above address. I DX at 101 Ellwood Avenue, Apt. 5-A, Mount Vernon, NY - 10550.

J. EDMUNDS - Box 127 - Bonton, NJ - 07005

Well, hello again. Not too much DX of late due to static and poor CX. A couple of newies added, but nothing of significance, mostly call changes. My words on batteries last issue prove quite true. Only 200 or so hours of operating time before death of the batteries, less than 200 at full power. The current set of Everreadies logged about 460 at full power at 8ma. drain, and will likely hit 500 before they drop too low to be usable. I also have a circuit from Jim Hagan for an a.c.-operated peeer supply for the NRC FET amplifier, which I'm going to try, and if it works out, I'll type it up for publication later. On another note, I again urge all of you interested in propagation, receivers and antennas from a technical standpoint to contact me so that we can not only begin an exchange of ideas, but so that we can stimulate more useful articles for DX NEWS. A few of us, Tom Farmerie, Chuck Hutton, Bob Foxworth, Jerry Conrad, & Jim Hagan, are already into something of this sort, and we'd welcome company. Though I won't make the Convention, which will be over by the time you read this, I am looking forward to a resked of the YAD meeting in the Fall, which I should be able to attend. Those of you within reach of North Jersey/ NYC area 2-meter amateur repeaters who are active on that band, also keep in touch, as we plan to initiate an NRC DX net there this season. Prior participants include K2QAR, Page Taylor; K2EUR, Bob Foxworth; W2RYC, Dave Budz; W2EYIA, Tom Sundstrom, and myself, W2EBJH. As a last note, I will again have updated ham lists available of NRC hams shortly for an SASE. 73s.

THOMAS R. SUNDBSTROM - Box 205 - Willingboro, NJ - 08046

I just thought I'd drop a note to say hello. The new editors seem to be picking up in fine style, & I found the CPC info in the 8/22 DX NEWS quite interesting. I hope some CPCers pick up on it; I've been doing a little prodding in that direction with a large assist from Jerry Starr. Not much new here - after a year of problems with a loss of one job due to cutbacks at Salem, parttime jobs and collecting unemployment, I am now happily situated in the New Jersey Department of Education as a planner. My new call came through: W2XQ (ex-W2EYIA); some time is spent on 40m CW. A total of four articles have been sold to HAM RADIO HORIZONS (two published 6/77 & 10/77, and the others unpublished so far) & two have been sold to 73 (so far not published); and it looks like I'll be working on a book later this year. Equipment changes: the HQ-150, the SB-620 panadapter, and the 370 SSB adaptor all have been sold, & a Bearcat 210 scanner has replaced the VHF-only scanner previously used. By the way, the 450.05-450.95 mhz remote broadcast frequencies are providing very interesting insights to AM-FM-TV operations in the Philly area. WCAU-1210 on 450.35, KTW-1060 on 450.55, KTW-TV-3 on 450.75, and the "Go-Patrol" on 450.85 keep the scanner jumping with "libe" feeds and assignments. To close, a reminder that I still edit part of the NNRC's ECB section: SEND CPC ANNOUNCEMENTS DIRECTLY TO ME! 73.

RAY ARRUDA - 48 Woodlawn Street - New Bedford, MA - 02744

Not much activity here this Summer with the only veries back from WIQT-1000 for 12/76 TEST, WAQC-1150, CJJD-1280, WFIF-1500 and the new WDJZ-1530. I hope the NRC LINCOLN Convention was a big success, and while I'm thinking about "Coors Country" - a case of the fine light beer has been available in this area most of the Summer for \$13.99. (Ha, Ray - a case here is \$15.96; \$3.99 a sixpack! -ERC) WSAR-1480 has been a [] affiliate since 5/30. We bought a home in the nearby town of Acushnet (about ten miles from here DX location-wise) so watch for a new address in the coming months. I find it unnecessary to start totals over for a difference of ten miles as the towns of Dartmouth (where I grew up and first started DXing in 1963) and Acushnet border New Bedford on the West and North and reception change through the entire band can hardly be noticed. 73. (Congratulations, Ray! -ERC)

DEADLINES IN PROVINCETOWN FOR THE NEXT FEW ISSUES AS FOLLOWS:

| | | |
|----------------------|--------------------|----------------------------------|
| Monday, September 12 | Monday, October 17 | Monday, November 7 |
| Monday, September 26 | Saturday, Oct. 22 | Monday, November 14 |
| Monday, October 10 | Monday, October 31 | Monday, November 21 & 28; Dec. 5 |

URGENT: WE URGENTLY URGE YOU TO MUSE FOR THESE FIRST FEW ISSUES! REMEMBER LAST YEAR? MUSE!

MIKE ALRFE - Box 7 - Houston, MS - 38851

I just bought one of the famous TRFs that Radio Shack puts out. It is utterly fantastic to be such a cheap price. I don't know if any of your local Radio Shack stores are doing it or not. They are in Tupelo, trying to sell their products out of the 1978 catalog not out of the 1977 catalog. I bought the U-100 UHF antenna and demanded the 1977 prices. I told them "I would buy the TRF and the UHF antenna at 1977 prices or NO DEAL." They couldn't hardly afford to lose \$230 out of \$50.00. I told them if they could do it, I could do it. I said that I could write a check dated 1/1/78 - they said "NO DEAL." What's fair for them, is fair for me. I am now underway to put two Pontiac AM-FM car radios in one cabinet with different switching arrangements to make a DX-chaser. Any ideas from you, write. I guess I should introduce myself. I am a production manager at a local carpet padding manufacturer, a C&R & SWler not to mention a BC listener. I like to build antennas except for higher frequencies. If you want to drive a radio wild, put one of those pocket calculators in front of your radio. I tell you one thing, they are a great automobile antenna checker (especially those hidden windshield antennas). Is there any radio station car tag collector out there? I have a few I will swap for odds and ends. I have a little about everything around here.

GARY HOUDEK - R.R. - Munden, KS - 66959

Veries received here: v/card: WOI-640, CHML-900, WGAR-1220, KOMA-1520, WCKY-1530. v/l- WOOD-1300. KMEZ-980 verified my report on my letter and sent it back in less than a week. The engineer wrote me that the station was off the air as usual third MM doing maintenance. That MM 5/16 @ 3:49am I heard an ID, KMEZ performing technical adjustments. On my card from WGAR it said "we appreciate hearing from distant listeners." WOOD said it is always interesting to know how far their signal travels. Only two new stations to report. 5/30- CKLQ-1570 Brandon, Man. w/c/w mx, 11:52pm. I wonder how much power this station has. (10,000 u-2 -ERC) 6/27- WNDL-1260 Indianapolis 3:55-4:15am w/a talk program, fairly good signal, and no QRM. I have not DXed much this Summer because I have been busy farming. That's all for now.

CHARLES GEORGE - 6407 Howard - Dallas, TX - 75227

My SM-2 got to where it would not work for me, then a DXer visited me and fixed it, his name: Gene Rusk. I visited my relatives in New Orleans for three weeks. They did not have anything to DX the MW. My uncle, W5NVU, had me build a code oscillator & I learned to send and receive code. I may eventually get a ham license. I visited: WTIX, WNOE AM & FM, WGSO-WJUE (FM), WVOG, WSM3, WNPS, WBTV (FM), WEZB (FM), & WSHO. I got public relations material from WSMB and "A History of Radio Station WSMB, New Orleans, LA, 1925-1967." I got materials from all the stations except WNPS, WEZB(FM) & WNOE. The people at WNOE were not very friendly. The operations manager at WEZB(FM) talked with me for about two hours. When I got home I had veries from KKYX & KWKH for reports on daytime reception. 73s.

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

I guess the most recent DX NEWS spurred my interest in CPC again, although I intended to send out some reports I've been putting off. At the present moment I have requests out to WETC-540 NC, WAYE-860 MD, & locally, WHLM-550. I will also send requests out to WATS-960, WFEL-1250 and WAEN-1590 locally. I should be the last one to blow my horn to round up CPC volunteers since I've done so little in past years, but if everyone reading this would just peck out two or three letters to their locals, requesting locals to TEST, we would all have a much better season. This is exactly what I've done in the past two years. Last year I sent just four reports out to my local stations and had 50% success. Yes, two TESTED. The year before, I sent four reports down to West Virginia stations & got no tests. Getting two TESTERS out of four requests must be a fluke of nature but does possibly show greater success with getting one's locals to TEST rather than those in other states. So please, everyone, who didn't intend to get involved with CPC this year, just take a half hour or so and send a request to your daytime locals & see what happens. To add on to what Clifford Barnes said in his last Musing, about majoring in Fine Arts; it certainly is tough. If you are majoring in Fine Arts or are planning to, I won't say change your direction, if this is where your head is really at, but be prepared after graduation to take employment not in your line for a time, if you are in a hurry to make money. I've been down to N.Y.C. a couple of times this year looking for work, but had no success. The first time, I happened to hit there when the blackout took place, I swear those things follow me around. Since I had a bunch of suitcases and was using public transport I could not take an RX down & check out the situation there. The electrical plug on my Zenith Trans-Oceanic fell apart again so I am now on battery power until I can get a new plug. DX has not been spectacular so far; here's the rundown. 7/14- 7:18pm, WABC-1600 PA finally heard. 7:23, WJXY-1600 MA, ex-WJTY. MM 8/3- 1:15am, unID FCC on 1330. 1:38, WNCR-1440 MA, ex-WAAB. 2:02, WMAJ-1450 PA. 2:23, WLEB-1480 VA alone w/WJIT. 3am, unID FP-1340 w/Pop mx. 8/22- 7:29pm, WDLA-1270 NY. 7:34, WQTK-1310 NJ, ex-WFRJ. 8pm, WMAJ-1450 PA w/Elvis promo. I may be staying in this area for a little longer than expected, depending on how things go as far as a job is concerned. 73ze.

UnID DXer - KR - 22 Carroll Court - Bridgeport, CT - 06607

A short Muse via postcard. I'm presently redesigning my reception report. No new QSLs or CX. I'm planning another attempt for WDJZ-1530 TEST this year since last attempt netted a cancelled phone call a few hours before air time. I recently joined the Civil Air Patrol & would like to hear from any other members out there. I will also send flyers to anyone interested, +1; stop. The Sanyo AM/FM Stereo/Cassette recorder installation in my car should come in handy this DX season. 73sssozzzz.

