



DX NEWS

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National Radio Club*

— SINCE 1933 —

Volume 45, Number 15

Monday, Jan. 30, 1978.

CPC TESTS

- Mon., Feb. 6 KIMP-960 Mt. Pleasant, Texas 0200-0230 with 1000w. Program will include MOR music and tones. Veries to: C.C. Taylor, CE, KIMP Radio, P.O. Box 990, Mt. Pleasant, Texas 75455. Arr: N. Zank
- Mon., Feb. 6 WVOT-1420 Wilson, N.C. 0200-0230, will use either 1000w non-directional or 500w directional pattern. There is a possibility that both patterns/powers could be used. Test will include top 40 music, plenty of IDs and possible code IDs as well. Veries to: Gary Liebisch, WVOT Radio, Box 170, Wilson, N.C. 27893. Please include return postage! Arr: Chris Lucas.
- Mon., Feb. 13 WSSA-1570 Forest Park, Ga. 0100-0130 with 5000w. non-directional Test will include music and tones. Veries to: Lanny K. Wiley, CO, WSSA, P.O. Box 752, Forest Park, Ga. 30050. Arr: Neil Zank.
- Mon., Feb. 13 KAST-1370 Astoria, Ore. 0315-0430, 1000w non-directional. Test will include tones, code and voice IDs. Prepaid calls to: (503) 325-2911. Reports to: Robert Chopping, GM, KAST Radio, Box 445, Astoria, Ore. 97103. Arr: Pete Nolan, GWDXA.
- Tues., Feb. 14 WKDR-1070 Plattsburgh, N.Y. 0000-0100 with 5000w. non-directional. Test will include test tones, with IDs on hour and half hour. Reports to: Ken Martineau, WKDR, Box 518, Plattsburgh, N.Y. 12901. Arr: John Kromka.
- Sun., Feb. 19 KYME-740 Boise, Idaho. 0300-???? Extension of the regular frequency check this date. Info. from Rick Carr.
- Mon., Feb. 20 KOMW-680 Omak, Wash. 0300-0400 with 5000w non-directional. Test will include tones, code and voice IDs. Prepaid calls will be accepted at: (509) 826-0100. Reports to: Jerry Robinson, CE, KOMW, Box 151, Omak, Wash. 98841. Arr: P.R. Estremera, GWDXA. NOTE: Robinson is very interested in tapes and overseas reports.
- Mon., Feb. 20 KBZY-1490 Salem, Ore. 0400-0500. Test will include tones and voice IDs, as well as mentions of DX testing and GWDXA. Will run 1000w. non-directional pattern. Prepaid calls will be accepted, but number to follow later. Veries to: Edwin L. Olmstead, CE, KBZY, Box 14900, Salem, Ore. 97309. Arr: Eddie Ryan, GWDXA.
- Mon., Feb. 20 WPUT-1510 Brewster, N.Y. 0200-0300 with 1000(895) watts, plus at least 10 minutes about the middle of the test with PSA of 4.2 watts. Program will include music, plenty of IDs as well as some talk. Prepaid calls will be accepted at: (914) 279-7171. Veries to: Chris Lucas, DX Director, WPUT, Brewster, N.Y. 10509. In case of heavy snow, this test may be delayed 1-2 weeks. Stay tuned for details!! Arr: Chris Lucas.

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The Georgia-Atlanta Area DXers invite you to.



for the 1978 N.R.C. Convention

Not since Gen. Sherman and the San Francisco earthquake has there been such a battle, but the dust has at last cleared and the votes are in. By a 69-39 vote, NRC is heading for Atlanta for the 1978 convention. We thank those who did vote for taking part in the decision making, and we hope that all of the members will try to make it to Atlanta. Make your vacation plans, plane reservations, etc. to join with all of use from HQ and the rest of your fellow DXers for what we're sure will be the best convention ever (with the possible exception of Louisville 1976, but who are we to brag?) At any rate, the folks from Atlanta have a lot of great plans, so make yours and join them!

To those who voted, we say thanks and it was good to see that 108 people did take the time, which is about a 7th of the total NRC membership. To the San Francisco committee, we're sorry you didn't win this time around guys, but please run again in 1979! Meanwhile, onward to Atlanta!!

In other stuff this week....our friendly secretary Pat Hartlage reports that there are a few copies of the nostalgia issue left, which can be purchased. The cost, due to the large size and high postage, is \$1 a copy. Write to Pat at headquarters for a copy--but do it soon--supplies, as they say on the TV, are limited!

Also, we were snowed...as anybody who saw NBC Nightly News recently knows Louisville got 18 inches of snow in about 24 hours, which shut the city down, except for DX News. Our fearless treasurer Dick Truax got in his 4-wheel drive vehicle and took it to the printer, but the printer promptly closed for four days! At any rate, we're sorry we were late, but we did try!

CPC TESTS CONTINUED

Mon., March 6 KROW-1460 Dallas, Ore. 0330-0430 with 5000w. non-directional. Test will include tones and voice IDs. Prepaid calls to: (503) 623-5769. Veries to: Edwin L. Olmstead, CE/GM, KROW Radio, Box 229, Dallas, Ore. 97338. Arr: Eddie Ryan.

Mon. March 20 KIRO-710 Seattle, Wash., 0330-0730 (approx.) Will be proof of performance, include tones and IDs. Will be 50Kw non-directional and 10Kw on auxiliary transmitter from 0700. Reports to: David Hubert, CE, KIRO Radio, 3rd & Broad Streets, Seattle, Wash. 98121. Prepaid calls for the test will be handled at GWDXA headquarters and relayed to the station after the test. Call them at: (206) 524-9310.

THEY JOINED

Welcome! Please Muse soon

Bruce Sherman, 117 Hart, Avenue, Winnipeg, Manitoba R2L 0K4
John Zondlo, 6617 Maryland, Hammond, Indiana 46323
Herbert Heller, 2873 Beechwood Blvd., Pittsburgh, Pa. 15217

DOMESTIC DX DIGEST

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

Editor this issue - Eric Rittenhouse

Sunset to Midnight Central Zone

970 WERH AL HAMILTON, 12/24 1741 pr thru WCFL slop w/s/off. (KDF-IL)
1500 WGEN IL GENESEEO, 12/20 1727 much wanted hrd fr w/sx/s/off. (KDF-IL)

Eastern Zone

740 KFRD OK FULSA, 12/19 tlk show (?), IDs/nx/pops in CBL fade 2115-2230. (MT-MD)
810 CJVA ND CARAQUEL, 12/30 FF tlk/pops/ments Acadia, u/WGY 2225. (MT)
820 WOSU OH COLUMBUS, 12/17 1618 w/opera o/WAIT, WBAP not noted. (BT)
WAIT IL CHICAGO, 12/17 u/WOSU to about 1700, open line show. (BT)
860 CBH NS HALIFAX, 12/19 fr w/CBC nx u/CJBC 1710-30. (MT-MD)
900 CKTS PQ SHERBROOKE, 12/19 ID into CBC nx 1855. (MT-MD)
930 WGNF WY HUNTINGTON, 12/14 ID into NBC nx 2300. (MT-MD) (BT-NC)
WTAD IL QUINCY, 12/19 0116 ann "FM 99.5", Stereo 99" w/mx u/WBEN,
WEOL OH ELYRIA, 12/19 FT u/WBEN occ = WBEN 0148-0155. (BT-NC)
1340 WGNV NC WILMINGTON, 12/20 w/w-man Jack, pops 2159. (MT-MD)
1420 WHK OH CLEVELAND, 12/12 ID, C&W 2018. (MT-MD)
1590 WLFA GA LAFAYETTE, 12/15 GOS, s/off ments Dixie B'casting 1730.(MT)
1600 WHBT TN HARRIMAN, 12/20 lcl spots 1712. (MT-MD)
WNEU WY WHEELING, 12/28 ID "16-WNEU" 1658. (MT-MD)

Midnight to Sunrise Central Zone

610 KVNU UT LOGAN, 12/19 0355 w/code ID u/WDAF on test. (KDF-IL)
1380 WRAQ NC ASHEVILLE, 12/21 0652 fr w/ID, ex-WKKE. (KDF-IL)
1390 WISK GA AMERICUS, 12/19 0557 pr w/SSE/s/on thru WADA/WEAM. (KDF)
WJCD IN SPRINGFIELD, 12/19 0600 w/Amer. the Beautiful/s/onn. (KDF-IL)
WADA NC SPRINGFIELD, 12/19 0500 w/s/on, quickly smothered by WCSC. (KDF)
WKLP WV KEYSER, 12/19 0600 ID/s/on pr just u/WJCD. (KDF-IL)
1440 WHHH OH WARREN, 12/23 2359 way atop w/EZL/ID/nx. (KDF-IL)
1550 KQXI CO ARVADA, 12/28 0107 gd w/60's mx/ID on EF. (KDF-IL)
1570 CKLQ MB BRANDON, 12/19 0200 vy/gd w/nx/C&W. (KDF-IL)
1580 KRZI TX WACO, 12/29 0400 w/KLOU, P-40, femme DJ. (KDF-IL)
1590 KTIL OR TILLAMOOK, 12/19 0403-0430 w/tones only, IDs confirmed by phone, to much WAKR for IDs on this test. (KDF-IL)

Eastern Zone

1260 WPHB PA PHILIPSBURG, 12/24 lcl spots 0655-0658. (MT-MD)
1470 WWHY WV HUNTINGTON, 12/31 ID ments Huntington 0635. (MT-MD)

Reporters:

KDF	KARL FORRH	Villa Park, IL	HQ-160, SM-1
BT	BRUCE PINDALL	Chapel Hill, NC	Kx
MT	MIKE FUGGLE	Bel Air, MD	X-tal set, 1w

*****MTE*****RCR*****

EAL

INTERNATIONAL DX DIGEST

CHUCK HUTTON
1035 LATHAM ROAD
DECATUR, GA, 30033
404-633-1198
(BEFORE 2300 ELT)

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

- 510 ECUADOR Guayaquil R. Tropicana, ancient history now, I guess. This was my first Ecuadorian. The night before I had a newie, WDAK, and I turned on the freq again to see if it would repeat. Several good ID's 0800-0820. (Allen)
- 515 DOMINICA R. Jr-Bo definitely off at 015h 1/13. Is this stn supposed to be going off for good soon, as per some DX bulletin rumours? (Connolly) Here we have a rarity, a radio rumor that was the truth. No trace whatsoever of them last night (1/17)-CH
- 555 NICARAGUA YNS R. Tic Tac poor 0315 1/17, SAH'ing with ZIZ's carrier. TC and up tempo LA mx; always there but never good. (Hutton)
- 580 PUERTO RICO WKAQ San Juan 1/11 ID's in EE and SS (5 in 1 minute) at 0713. My third PR. (Allen)
- 600 CUBA San German CMKV loud w/R. Rebelde ID, SS talk 0159 1/13. (Connolly)
- 610 COLOMBIA Bogota HJKL Em. Nueva Granada fair 0415 1/17 w/good ID. Mixing w/some other LA all night long, no domestics to be found. (Hutton)
- 615 ECUADOR Guayaquil HCMJ1 good 1/14 eve, top notch 1/17 (audible with 4 khz band-pass) from 0350-0405 w/several stunningly strong ID's and an AM-SW ID. About a month ago there was a note in one of the foreign bulletins that they had raised power to 50 kw but I didn't run it as their sig was no better than it had ever been. Obviously it came through recently. (Hutton) 1/8 and 1/11 fair, peaking above noise with audio copyable 30% of the time. 0930-1030 On 1/8 and 0530-0600 1/11. My second Ecuadorian. (Allen) Def'tly the best Ec. stn now-CH
- 625 COSTA RICA R. Cucu 1/11 w/Cucu twice between records. Third Costa Rican. (Allen)
- 635 ECUADOR HCHA2 Ondas Quevedenas, Quevedo poor 0407 1/17 w/weak ID. First time for a taped ID on him. (Hutton)
- 640 AUSTRALIA Crystal Brook 5CK likely source of big band mx that wiped out Fiji 0954 1/9, then faded. Returned at 1000 w/6 pips, ABC ID. (Tomer)
- 655 FIJI Lautoka R. Fiji I nil to xint 0920-0953 1/9 w/man and woman talking in native vernacular, quite loud during peaks. At 0950 had 2 bongos on a clock chimes, short newscast by YL, R. Fiji ID 0952. Not parallel to either 710 or 890. (Tomer)
- 660 VENEZUELA Puerto La Cruz YVQO fair w/Venezuela nx 0010 1/13. (Connolly)
- 675 EL SALVADOR San Salvador R. Nacional de El Salvador 1/12 new one w/good sig but bad splatter from WNBC. Several good ID's 0320. I was looking for this one after reading IXD. Country #27. Belize's blockbuster sig on 83h clued me in re xint Central American cx as eastern Caribbean stns were below average in sig strength. Still no TGW on 640 though. (Allen) I never evaluate cx anymore-too many times you'll find two splits from the same country and note better than average sig from one and less than average from the other. Some nights a whole area will have good sigs but a regular will be missing-CH
- 700 CUBA CMHG R. Progreso, Santa Clara 0420 1/17 with absolutely fantastic sig; I'd looked for him for years and never found a trace, even in the strongest of auroras. (Hutton)
- 705 NEW ZEALAND Wellington 2YC fair w/talk 1010-1015 1/9, then into quiet mx, // 880. (Tomer)
- 710 ST. LUCIA R. St. Lucia, Castries fair to good on 1/9 at s/on. Noted 0927-0931, mixing w/WNBC w/mx, s/on annot, pgn sked. Reported. See 1090. (Merriman)
- 715 COSTA RICA R. Sonora, San Jose very strong most of the week. (Allen)
- 720 VENEZUELA YVMH R. Popular, Maracaibo overriding WTW frequently this week. (Allen)
- 725 UNID noted an SS here many times recently, loops Caribbean. (Hutton)
- 730 COLOMBIA HJNX R. Super Medellin fair sig and in the clear w/WR off 0755-0810 1/9. Downbeat LA mx, several ID's including local ID w/mention of city. Reported. (Merriman)
- 735 FIJI Lautoka R. Fiji II fair to good 0820-0840 1/9 w/OM and YL, occasional chants. //891 but much stronger, really blasting in at peaks. (Tomer)
- 740 UNID LA 1/17 eve. (Hutton)
- 745 COSTA RICA R. Sonora, San Jose very strong most of the week. (Allen)
- 750 NOISE. Sixth CR. (Allen)
- 755 SURINAM Paramaribo vy strong 1/12 at 0240. (Allen) Loud w/SS song 0013 1/13. (Connolly)
- 760 COLOMBIA HJCU R. Melodia, Bogota on top at 0450 1/12. (Allen)
- 735 ECUADOR (tentative) 1/11 SS in noise 2130, only Ecuador listed in WRRH. Probable Ecuador 995 noted at same time but too much local WTRY. (Allen) 99% you have Melodia, also a Paraguayan here per Schatz-CH
- 746 UPPER VOLTA Ougadougou assumed w/west African type mx 2342 1/3. Fair-good sig.
- 750 VENEZUELA YVKS R. Caracas, Caracas noted overriding WSB frequently this week. (Allen for this and Eckman for 746) noted w/SS folksong by female group, then brief Caracas mention followed by US disco mx. Good o/low het-growl from other LA's 0225 1/13. (Connolly)
- 755 JAPAN Sapporo JOIB fair w/JJ talk 0915 1/9. (Tomer)
- 760 PORTUGAL Lisbon vy good w/cl mx about level w/TVI 2330 1/3. No ID or nx at 0000, just continued w/cl mx. (Eckman)
- 764 COLOMBIA Barranquilla HJAJ seems to be closer to its proper freq; many local ads heard well o/other LA, WJR looped 0229 1/13. (Connolly)
- 764 CUBA CMCI R. Reloj Nacional Habana, "Reloj" repeated between nx items 0747 1/11. Eleventh Cuban. (Allen)
- 764 SENEGAL Dakar by far the strongest TA; native drumming and female chanting vy good 2232 1/12. (Connolly)
- 775 COSTA RICA TWR R. Uno 1/12 surprisingly strong for 4.5 kw at 0503. Several good taped ID's, fifth CR. (Allen)
- 780 AUSTRALIA hTO Townsville 12/26 1359 OM signing off till "supper", clear "This is hTO" ID at 1400, followed by nx. 12/27 1126+ rr, OM amcr, YL sang at 1130, then confusion, as think a nx or weather report was to follow, instead rr did. QRM de hYA both dates. (Vernon)
- 800 CUBA Camaguey CMJN w/political talk in SS o/u WBBM 0016 1/13. (Connolly)
- 800 NETHERLANDS ANTILLES Bonaire PJB ultraloud, dominant, w/rigs discussion in EE 0017 1/13. (Connolly)
- 810 BAHAMAS Freeport ZNS3 totally alone 0430-0500 1/17, //1540 but much louder! HJCY is about .4 khz low and when tuned to upper sideband they were all alone. 0500 a man in accented EE said "that's the end of our broadcast" and played an anthem but after that it seemed more mx was played. Tnx Hayes and Conrad for the tip. (Hutton)
- 818 MOROCCO Rabat atrong w/man in AA 2311 1/3. AA mx noted 2319 //827. (Eckman)
- 820 COLOMBIA HJED La Voz del Rio Cauca 1/8 strong 0955, also ID'ed as R. Cali, then zap, WGY signed on. Sixth Colombian. (Allen)
- 825 PANAMA Macaracas HOR56 dominant o/SAH (probably TIOS); romantic style SS vocal mx, R. Peninsula ID, TC 0236 1/13. (Connolly)
- 827 MOROCCO Oujda good w/pgn //818 despite WRRH's indication that these are different networks, Fast SAH also 2315 1/3. (Eckman)
- 836 BELIZE Belize City R. Belize first sig detected with SSB at 2302, first audio at 2306; 30 on 1/7, noise level fairly high. (Scrimgeour) Welcome back, Gray-CH Carrier barely detectable all day 1/13, first audio 2217, afterwards vacillated from 0 dB to 18 dB until I quit at 2354. Didn't have time to follow it until it reached full strength, which is usually around 40 dB. (Hutton) And I might add this was the first time for their carrier during the day.
- 836 UNID's two carriers here 2312 1/3. Stronger looped slightly south of Europe-maybe Canaries? Better at 2316 w/light mx but no talk heard. (Eckman)
- 840 CUBA CMWR R. Dobleve w/"Dobleve" clear for a tape of s/off 0457 1/8. (Scrimgeour)
- 845 ITALY Rome good w/nx in FF 2332 1/3. (Eckman)
- 850 UNID LA weak 1/17 eve. (Hutton)
- 860 COLOMBIA HJCK Em. Nuevo Mundo tentative, "por Colombia" repeated several times 0900 1/8. (Allen)
- 860 BRAZIL (tentative) frustrating! Good sig w/some of it on tape but no R. Mundial ID or mention of Rio or Brazil as far as I could ascertain. R. Clarin was off the air. Ernie Cooper and a college French professor each listened to the tape but were not sure if it was PP or SS. Do you want to listen to my tape? (Allen) I'll give it a try-if it is clear I know enough to tell PP by the definite adjectives that differ from SS-CH
- 863 HONDURAS HRU R. Centro Tegucigalpa noted a weak stn on 860.4 for the last month or so putting quite a het on 860. Finally ID'ed 1/10 at 0453. (Hutton)
- 865 NICARAGUA YNAV Cadena Continental in nicely w/ID at 0654 1/8. (Scrimgeour)
- 870 MOROCCO Ksar Essouk vy strong for a few minutes around 2336 1/3 seemingly // 818 w/AA mx. Gone soon afterwards. (Eckman)
- 875 UNID LA noted every so often, too weak for ID. (Hutton)
- 875 PUERTO RICO Hato Rey WHOA briefly o/het growl w/"87-WHOA" EE ID 0240 1/13. (Con)
- 872 USSR (tentative) 1/1 noted 1404-1815 w/various pgms, very faint pips on the hour, not Pgn 1 or Mayak when checked with 155/182/218/236/245 possible //1's. Everything appeared to be RR except between 1646-1740 when a number of EE songs played, all from the shows! OM in RR between selections. Vy strong and even at 1820 barely audible! (Vernon)
- 880 NEW ZEALAND Auckland 1YC heard //660 1015 1/9, weaker. (Tomer)
- 885 UNID's three of them, 2 right on 885 SAH'ing each other and the third about .7 khz high, this 0258 1/17. (Hutton)

890 DOMINICAN REPUBLIC HIPJ Santo Domingo in w/festive LA mx, then R. Continental ID 0019 1/13; WLS nulled. (Connolly) Very strong 0453 1/12. (Allen)

891 FIJI Lautoka R. Fiji fair 0820-0840 1/9; //710 but weaker. This stn is heard virtually every AM w/at least a fair carrier, usually w/weak audio, occasionally superstrong. Tarawa 844 a good indicator for this one. (Tomer)

895 HAITI LYRHM Port-Au-Prince very strong 0453-0500 1/12. (Allen)

950 VENEZUELA YVKG Caracas R. Vision w/nice taped ID 0148 1/17. Never ever heard before-it takes a real aurora to knock out the southern regionals. (Hutton)

960 COLOMBIA HJCN Magangue super loud and totally dominant all 1/17 eve, nice R. Sutatenza ID at 0100. No WERC at all, the first time I've had that happen since I started DX'ing in 1963. (Hutton)

965 PANAMA Ondas Popular, Panama HOP2 vy poor 0130 1/17, perhaps 20% readable. Bothered by a SAH from an unid second stn on the channel. (Hutton)

975 COSTA RICA San Jose TIRS R. Centroamericana fair 0140 1/17 w/ID. A really lousy sig for listed 10 kw. Nasty het from another stn .4 khz high. (Hutton)

980 COLOMBIA HJES R. El Sol, Cali finally ID'ed at 0120 1/17 after rising over the growl from a couple of other LA's. Not a domestic to be heard this eve from 940-1040. (Hutton)

1005 COLOMBIA HJJR R. Colossal, Meiva 1/11 occasional audio 0815-0825 but vy bad WINS splatter. (Allen)

1015 EL SALVADOR (tentative) 1/12 fair-probably R. Internacional, El Salvador but WINS/KDKA splatter too much. (Allen)

1070 COLOMBIA HJAG Em. Atlantico 1/8 and 1/12, was listening for KFII MM test. Stronger 1/12. Many ID's 0600+, my sixth Colombian. (Allen)

FRANCE various locations 12/30 0541+ 2 OM's w/mx and brief interviews, poor sig, //1349 which was xint. (Vernon)

1090 ST. LUCIA per s/on amct on 660, R. St. Lucia operates a stn here. Unable to get any details. Checked the freq as soon as I heard them mention it but 2 SS'ers and CKKW made any reception impossible. Probably a low powered operation-might be the old 250 watt tx that used to operate on 1565/1575. Asked for info in my report to 660. (Merriman)

1100 ANTIGUA St. John's ZKK good w/pop-soul pgm, girl DJ, 0105 1/13. (Connolly)

1110 VENEZUELA Carapano IVQT o/u WBT; LA mx then ID 0102 1/13. (Connolly)

1120 DOMINICAN REPUBLIC Santo Domingo HIGH caught my attention w/talk "desde Santo Domingo", then R. Antillas ID w/echo, o/KMOX and second LA (YMH?) at 0100 1/13. (Connolly)

1125 UNID SS 1/11 and 12 0030-0430 poor w/occasional audio peaks. Think I heard an "Atlantic musical" and "Musica Radio El ???". (Allen) This is FISHER, listed on 1120 but returned to 1125-CH

1165 ANTIGUA St. John's fair w/preacher in EE; WACQ slop nulled 0053 1/13. (Connolly)

1163 HONDURAS HRGF R. Paraiso, Paraiso vy good 0030 1/17 w/ID. (Hutton)

1175 UNID LA, no ID yet, hets TIQ 1176 badly. (Hutton) 1/11 unid carrier, many other LA's noted in passing. (Allen) I'd bet you had TIQ on 1175.8 as the stn on 1175 is extremely weak-CH

1197 PANAMA Ondas Tropical vy good w/SS ads, festive LA mx 0051 1/13. (Connolly)

1200 VENEZUELA/UNID IV02 and unid here, not sure which was which; fast SS talk loud at 0042, second stn rising up w/rustic sounding LA mx at 0045 1/13. (Con)

1210 GREENLAND AFRTS Thule 1/1 1056+ report about rel, 1100 ID, TC in hours GMT, CBS nx, commentary, 1114 World Church nx. I listed this wrong in IDXD for 12/19, sri. (Vernon)

1265 ST. KITTS Basseterre R. Paradise superloud w/choral "Alleluia", then EE rlg talk 0041 1/13. (Connolly) Signal detected at 2156, first audio at 2200 1/7; built steadily to a plateau from 2236 on past 2330 (no loss of sig). Poorer reception on 1/8 but audible first at 2306:30 (carrier detected at 2302, just after WHLD s/off); soon faded but was in some hours later w/a very decent signal. (Scrimgeour)

1268 WEST GERMANY Neumunster DLF good-xint 0125-0230+ 1/5. Noted OM in GG many times during this period for positive ID. (Eckman)

1305 DOMINICAN REPUBLIC HIAV R. Bani good 0200 1/17 w/2 good ID's. Did not s/off at 0200 per WRTH. This stn must not be on 1315 regularly as it wasn't too hard to ID this night but was never noted before.

1330 JAPAN JOSF Nagoya (tentative) 12/31 1123+ noted 1130-1157 w/"Flight 501 to Penang", mx played between stops, w/OM pilot in EE introducing selections. YL in JJ also at times. Single tone 1200, OM and children in JJ followed. (Vernon)

1358 EAST GERMANY Berlin assumed w/mx occasionally audible around 0155 1/5. Fair-good signal. (Eckman) Supposed to have moved to 935 and I believe I have seen reports verifying that-CH

1376 UNID carrier at fair level noted 0255 1/5. No audio heard, no change after 0300. Lille testing? (Eckman)

1385 HAITI I guess 0220 on 1/17 w/jazz and very low voiced male amcr who I am 99% sure was in FF. (Hutton)

1385 PHOENIX ISLANDS WYLE Canton I. 12/27 0928+ band mx, ID by YL at 0938 "You are listening to W-X-L-E", amct went on but unreadable. MX continued w/jazz-bossanova type things. Tried for ID at 1000, none noted! None again at 1038 and guess ID is irregular, must have been very lucky to tune in at the right time! No doubt about Santa's present this year! (HI) (Vernon)

UNID fair-good sig w/mf seemingly in FF 0306 1/5. Believed to be a TA but nothing really possible listed here in FF. (Eckman) Haiti?-CH

1403 GUINEA Conakry unusually strong w/M-F alternating in unk lang 2202 1/8. (Eckman) poor w/man in FF 2225 1/12. To fair peaks, chanting noted w/fast fading 0038 1/13. (Connolly)

1415 DOMINICAN REPUBLIC (Tentative) woman in SS briefly o/the noise 0034 1/13. (Con)

1420 COLOMBIA HJAB R. Bahia, Cartagena w/beautiful ID 0300 1/17 giving calls, slogan, and mentioning Caracol. (Hutton)

1439 LUXEMBOURG Marnach good w/talk in EE 0205 1/5. (Eckman)

1466 MONACO Monte Carlo good at s/on 0450 1/4 w/GG pgm. Also noted w/poor-fair sig 1/10 0440 w/IS. Only high band TA w/a meaningful signal at the time. (Eck)

1475 UNID possibly west African here w/good carrier 2203 1/8. No audio despite good carrier level. (Eckman)

1493 IVORY COAST Abidjan tentatively the one here w/man in unk lang briefly around 2204 1/8 w/fair sig. Cx seemed favorable to Africa at the time. (Eckman)

1505 UNID SS here many nights, if the amcr would speak up I would ID it. (Hutton)

1535 UNID vy weak, no ID. (Hutton)

1538 WEST GERMANY Mainflingen DLF fair-xint 0125-0315+ 1/5. Could not determine if this was // 1268. (Eckman)

1554 UNID carrier here from 0155-0300+ separable from Cayman but no audio discernable. Nice or something else? (Eckman)

1555 CAYMAN ISLANDS R. Cayman noted at good level w/EE talk about Guyana 0032 1/13. (Connolly)

1565 UNID another one, too weak for ID. (Hutton)

1567 UNID fair-good carrier noted 0235-0240 1/5 w/talk sounding like AA. Not a TA freq and have not noticed anything listed in WRTH for this freq. (Eckman)

1584 CUBA (presumed per ID by CH in IDXD) typical Castro fare, drama of some type, 0010 1/9. No ID noted. Sig varied from buried in the noise to fairly good. Seemed to loop to extreme eastern Cuba but I don't have too much faith in my DF. (Merriman) Thunderous all 1/17 eve, rock steady at 25 dB, carried a R. Progreso Russian pgm until 0330 and then back to R. Cadena Agramonte after ID. (Hutton) Oops, still no calls or location.

1586 WEST GERMANY WDR Langenberg good 0125-0230+ 1/5 w/mx. (Eckman)

1602 WEST GERMANY Munich BR good w/OM in GG 0201 1/5. Not as strong as other Germans this evening. (Eckman)

Whew, that does it. Working 12 hours yesterday and then DX'ing another 4 hours, I'll wrap it up here and hold the feature stuff. Hope you all enjoyed the aurora 1/17- I did not hear a station further north than South Carolina until after midnight! Believe me, it takes a real aurora to do that way down south. If I happened to run into a channel with a domestic on it, I just went on to the next one to find an LA. Many stations were missing that I have never noted missing in all my DX'ing years. If you were DX'ing this evening, send a report in.

Reporters

Doug Allen	Schenectady, NY	HQ180A, TRF, SM2
Mark Connolly	Arlington, Mass.	R390A, SM2
Richard Eckman	Philly, Pa.	HQ180A, Sanserino loop
Chuck Hutton	Decatur, Ga.	R390A, HQ129X, 1900' Beverage
Al Merriman	Fairfax, Va.	HQ180A, SM2, junk
Gray Scrimgeour	Toronto, Ont.	HQ180A, 30" unsimplified loop
Randy Tomer	McKinleyville, Ca.	HQ180A, FRG7, Sanserino loop
Brian Vernon	Elsa, Yukon Terr.	DX160, 250 m LW

Got one report this time with nothing but station slogans. I had to stop and look up quite a handful of calls and locations. This time I ran them but next time I'll just stuff them in an envelope and mail them back to you. No reason for me to spend an extra 15-20 minutes looking that up when I've already got 3 1/2 hours of typing to do.

REDOING OLDER RECEIVERS FOR MW RECEPTION

Chuck Hutton

About six months ago I bought an HQ129X for \$50 (the going price is usually \$50-\$75) and immediately began a rejuvenation program. The results were so pleasing that I decided to share the results in DX News. By pleasing I mean that for about \$100 I have a receiver that outperforms the much more expensive Collins R390A and R388 with added mechanical filters.

The biggest objections to older receivers in my mind were lack of selectivity and lack of sensitivity. The first is a valid complaint but as I have found out there is absolutely no truth to the latter; a point to bear in mind is that sensitivity to the order of a few microvolts is not needed on the MW band and in fact is detrimental to the receiver. The explanation for this is that atmospheric noise levels are the controlling factors in what you can hear and what you can't, rather than the sensitivity and noise figure of the receiver front end. As for the detrimental effects of what is considered "good" sensitivity—say in the order of .5 to 5 microvolts—it must be remembered that since such sensitivity is not necessary for weak reception, that gain is only increasing the signal voltage applied to the stages that overload on strong signals.

I do want to emphasize that these comments apply only to reception on the MW band. As the frequency is raised, atmospheric noise decreases and the gain of the receiver becomes all important in determining what can be heard. The HQ129X as is or modified as per this article will be a very poor receiver for frequencies above 8 MHz. In no particular order here is what I have done to the 129X.

RF stage: the gain of this stage is very low by modern standards. On the surface this sounds bad but as explained before for MW reception it makes good sense to use as little gain as possible. The 6SS7 tube in the set is probably OK but I do think that the receiver became a little hotter when I pulled it and put in a 6SG7—the 6SS7 has a transconductance of 1800 micromhos and the 6SG7 4300 micromhos. To use the 6SG7 merely disconnect the wire that runs from the suppressor grid (pin 3) to ground. The extra gain does not seem to hurt the strong signal handling capabilities of the set.

Mechanical filter: this will help the receiver more than any other change. Collins has made a variety of mechanical filters, and over the years they have gotten better in terms of shape factor and insertion loss. Size has also decreased remarkably, so that in many cases they can easily be mounted near the tube socket that they are connected to. I chose an F455FA21 filter as it has a low insertion loss (6 dB) and is the smallest filter that I have seen to date. The shape factor is also adequate. By way of comparison some of the older filters have insertion losses of up to 25 dB and are 3 to 4 times as large. The low insertion loss will spare you all the trouble of building a stage of IF amplification to compensate for the insertion loss; in my experience most of the trouble encountered in installing filters is caused by the amplifier stage. In the case of the 129X the secondary of the IF transformer between the mixer stage and the first IF is voltage tapped so that all of the signal voltage is not applied to the tube. When I pulled the transformer and installed the filter the insertion loss of the filter exactly balanced the voltage loss from the tap that was no longer used, the net effect being that signal levels were the same before and after. I mounted the filter on a small piece of perf board that was epoxied at each end to the shields that run around the coils near the area between the mixer socket and the first IF. Connections were made with miniature shielded coax. The mechanical filter itself was not shielded although I will admit that there is probably a small amount of leakage around it that could be eliminated thru a shield. The bandpass of this filter is 2.1 kHz; a bit too narrow for AM reception unless highpass audio filtering is used. It is a necessity to remove some of the lows, otherwise the audio will sound too muffled and bassy and intelligibility will suffer greatly. It is standard knowledge among audiologists that the center frequency for the portions of the audio range contributing most to intelligibility is raised half an octave by the presence of lows below 400 Hz; speech can be made perfectly intelligible if these lows are removed. The MFJ SSB audio filter is the only commercial unit short of professional types I am aware of that is a combined lowpass-highpass filter and as such is the only filter that will help improve the audio from a narrow bandpass mechanical filter. The Autek QF1 is a bandpass filter and therefore not what is needed under these circumstances.

AVC system: AVC voltage is not applied to the third IF stage on the 129X. Slightly better gain control can be had by disconnecting the black IF transformer lead from ground, connecting a 10K decoupling resistor to it, and running the other end of the resistor to the AVC buss. At the terminal of the resistor that is tied to the transformer lead add a .01 mfd capacitor to the nearest ground. Also added was a sinking diode to make the system into a delayed AVC. This holds the AVC voltage to zero until a strong signal comes along, so that gain is not lessened on weak signals. For details see the CQ article in the reference.

Q-Multiplier: exalted carrier reception is still an unknown technique to most MW DX'ers. Those that have tried this trick agree that it is a great help in weak signal reception. For background read Ray Moore's article in the NRC Receiver Reference Manual and the original Q-Multiplier article by Villard and Borden. Most receivers will not have enough extra front panel room to mount all the controls (if you want a Q-M that will peak and null) so outboard connection becomes necessary. I mounted an octal power jack on the rear panel to supply the needed B+, filament, and ground connections; for the shielded cable to the IF transformer a phono jack was also mounted on the rear. It doesn't seem to matter to which IF transformer it is connected, as long as it is after the mechanical filter.

Semiconductor power rectifiers: heat in the power transformer and the rx becomes a problem with the added filament consumption of the 6SG7, calibration oscillator, and Q-multiplier. To lessen the current draw and insure long life the 5U4 rectifier was replaced with a pair of 1N4007 diodes rated at 1000 volts and 1 ampere. The slight increase in B+ voltage that resulted was ignored; the increase resulting from the negligible forward voltage drop of the semiconductors as compared to the 25-50 volt drop across a vacuum tube rectifier. In some rigs with little safety factor in bleeder resistor and filter capacitor ratings it will be necessary to add some extra resistance in the power supply.

Semiconductor detector: further decrease in power draw from the transformer and increased efficiency in detection can be had by pulling the 6HG tube diode and replacing it with suitable high back resistance diodes. I used a pair of 1N914's as they are cheap and easily available; other types are available which will probably function a bit better. Using the 1N914 will yield too low a clipping level for the noise limiter but as I consider it practically useless for MW DX'ing anyhow no effort was made to correct this.

Speaker terminals: I know you don't like those inconvenient screw terminals provided. Go get a pair of binding posts, remove the screws, and screw the posts thru the vacant holes. Tighten them down with a lock-washer and nut on the inside. No more breaking your back to use a screw-driver in a place you can't even see.

Antenna terminals: also the screw type. In addition to being inconvenient, they do have some pickup from strong signals and noise. Replace them with coax type connectors as per Foxworth in the NRC Receiver Reference Manual. The whole thing can be done very quickly as the terminal board almost exactly fits 2 SO239's.

Antenna switcher: getting up and bending over a receiver on a crowded desk to change antennas can be rather tiring. I ran shielded coax from the two antenna terminals on the rear panel to a double pole double throw toggle switch mounted on the front panel. It automatically grounds the antenna not in use so that there will be no pickup from the line.

Product detector: while not of much interest to most NRC'ers, a product detector can be easily installed for sideband reception. Basically the BFO tube is pulled and replaced with a similar tube that has both an oscillator section and mixer section, allowing product detection without major rewiring or an outboard unit. The CQ article (see references) was followed with no trouble and I now use the 129X for 80 and 40 meter ham bands.

Crystal calibrator: for dial alignment on higher frequencies and for a steady signal source during alignment a crystal calibrator is handy. I used a 6BZ6 as an oscillator and mounted the unit on top of the cover for the tuning capacitors. A front panel switch disconnects the cathode from ground to turn the oscillator off. Cheap CMOS semiconductor units are available that are more versatile and require less power—the Rainbow Industries unit sells for \$19.95 and puts out markers every 100, 50, and 25 kHz.

Alignment: can range from difficult to impossible with the receiver out of the cabinet. The dial calibration is always off a bit when the rx is back inside its shell. You can add a front panel trimmer as per Foxworth but a cheaper and easier alternative is to drill access holes in the bottom of the cabinet. The coils and trimmers are easily reached.

Wax paper capacitors: have limited lifespans. I guarantee that they won't last much longer if they aren't gone already. Run, not walk, to the near-

est electronics store and buy replacements with similar voltage ratings. Type won't matter for these-they are just bypass capacitors.

Handles: put them on this 50 pound monster and you too can have a portable receiver.

Tape Jack: very handy and easily installed by running a piece of shielded audio cable to the hot side of the volume control (side with the wire from the detector) and the shield to ground.

What I didn't do and hope to get around to some day... the old 6K8 in the 129X performs as well as other newer conventional mixers at freqs below 10 MHz. The key word here is conventional mixers-the double balanced diode mixers now being sold are theoretically capable of handling the strongest signals that you will ever encounter on the BCB! That means an end to desensitization, gain compression, intermodulation distortion, and any other strong signal problems that you have from that 50 kw at 2 miles. It's really too much trouble to tear apart an old receiver for this-I think I'll wait and try a homebrew. Frequency readout at the top of the BCB is another problem with most receivers. While you can read the dial to at least 5 kHz and probably be within a kHz or two, that won't help you any when you want to put the carrier from a station that is not producing any audio right on the edge of the passband. About the only answer is some sort of digital frequency readout; believe me when I say that you don't want to try bandspreading with the variable in the set or adding a vernier via varicaps. I have tried both and they are more trouble and less worthwhile than a counter. One other unsolved problem was the noise limiter. With semiconductor diodes it eill clip at too low a level, with resultant distortion of the audio. I hope to add one of the circuits that automatically adjusts itself to the level of the received carrier and clips everything above that. Unless you have a noise problem due to certain electrical equipment the fancy noise blankers available will not do you the least bit of good. Also the limiter type of setup is effective against atmospheric noise and bursts of sideband slop, neither of which can be said for the blanker.

I will attempt to answer any questions, solve problems, etc. References include Foxworth in the NRC Receiver Reference Manual, Stueber and Noe from CQ for May 1959, and Stueber from CQ for April 1963.

THIS AND THAT....

Effective Feb. 1, 1978 Don Erickson will accept prepaid orders for the 1978 World Radio TV Handbook for shipment upon release by book rate and within the U.S.A. only. Price postpaid is \$9. SPECIAL for those under 18 or over 18 who have never owned a WRTH, \$7 postpaid. This is less than cost and is only for those who are under 18 or those who never owned a WRTH. All others, \$9 postpaid. Important: Each order must specify NRC membership and be accompanied by a personal check (preferable) or money order, and a self-addressed stamped envelope for confirmation of shipment. Delivery from publisher is not expect for several weeks, so no rush. Send orders to Don Erickson, 6059 Essex St., Riverside, Calif. 92504. This is strictly a private commercial venture and NRC accepts no responsibility.

SCADS - Southern California Area DXers will meet on Saturday, Feb. 11, 1978. between 10 a.m. and 5 p.m. at the Valley View School, 5361 Sisson Drive, Huntington Beach, Calif. Doors open at 8 a.m. Voluntary donation of \$1 to help cover expenses; there will be soft drinks, cookies and donuts and lunch will feature pizza and fried chicken. Inquiries may be sent to Don Erickson, 6059 Essex Street, Riverside, Calif. 92504, or for last minute information call (714) 687-5910 anytime through February 10.

WOBGRATS - WA, OR, BC Radio & TV Society get-together will be Feb. 4, 1978 at the home of Bruce and Evelyn Portzer, 6546 19th Ave., N.E., Seattle, Washington 98115. DXers of all types (BCB, SW, TV/FM, etc) are welcome. For more information contact Bruce at (206) 522-2521.

CADX - The sixth annual west suburban get-together of the Chicago Area DXers will be held February 18-19, 1978 at the home of Karl Forth, 630 S. Ardmore, in Villa Park, Ill. Activities will include DXing, listening to tapes and looking at veries, a table tennis tournament, bull sessions, etc. Bring any DX oriented things you want. Please send Karl a postcard to let him know if you are coming.

Comparative Measurements of Geomagnetic Indices

by R. J. Edmunds

Have you ever wondered about the various measurements of the A-index reported in various club bulletins? Many DX'ers are at least aware that WWV broadcasts the Boulder A-index, while most of the published material which has appeared in NRC or IRCA deals with the Fredericksburg A-index measured at Fredericksburg, VA. Those of you who may be familiar with Medium Wave Circle in Great Britain may know that they regularly feature reports on both the Fredericksburg A and the Scottish A-indices, measured at Eskdalmuir, near Dumfries. There are also a number of other monitoring stations, including one at Anchorage, AK. In addition, measurements are made of the planetary A-index.

Each individual observatory records the values measured at that site, which can be taken to be valid for a reasonably large surrounding area. Much of the traditional DX literature has relied upon the Fredericksburg index for two reasons - first, it is the most geographically suited for ECNA TA DX locations and the related signal paths, and second, because the values are readily obtainable in printed form.

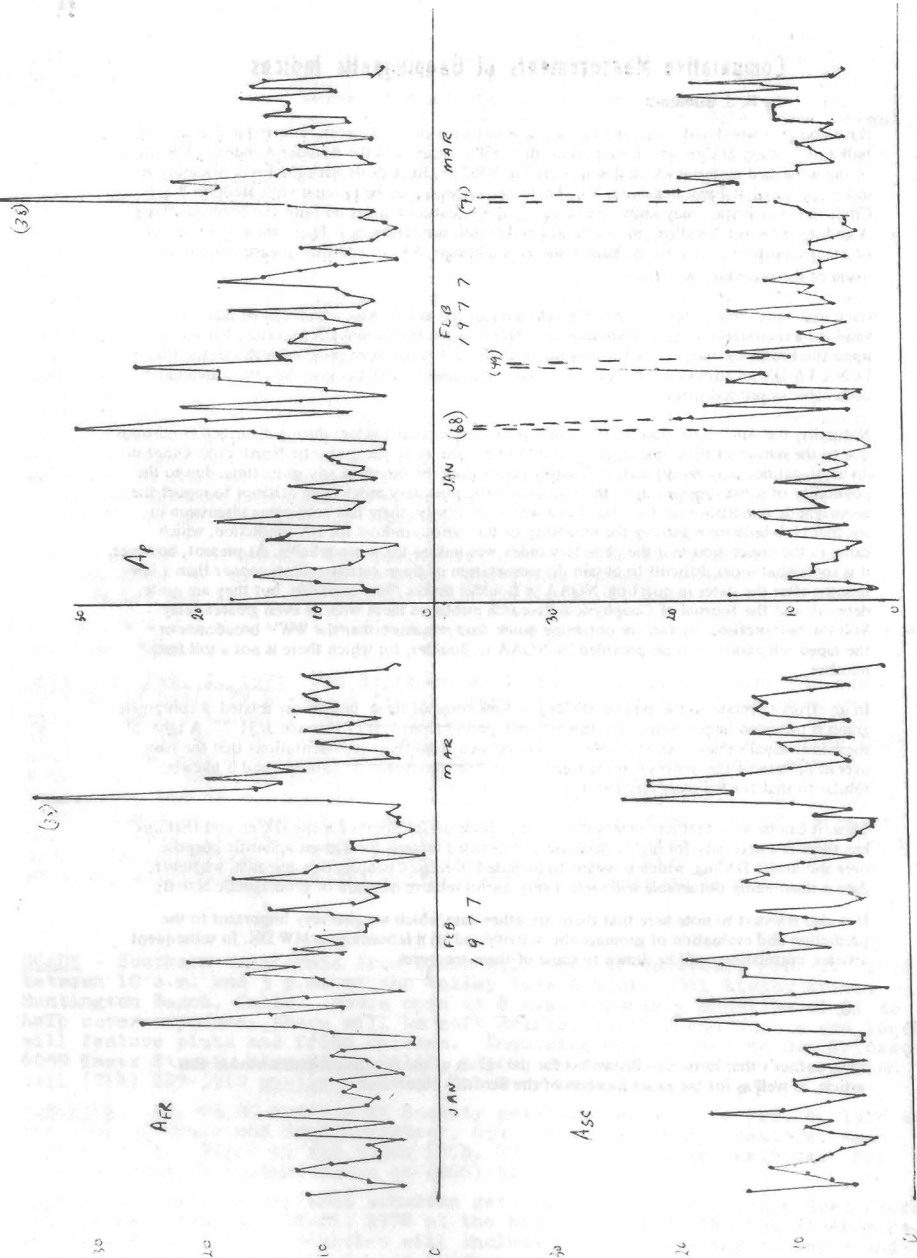
Naturally, the Anchorage observatory will report more extreme values during disturbed conditions due to the nature of these disturbances and their proximity to the magnetic North Pole. Other individual stations may report higher or lower values than the others at any given time, due to the possibility of substroms nearer to their location. The planetary index is an attempt to report the geomagnetic conditions for the planet as a whole. Recently, there has been some discussion in another club bulletin regarding the reliability of the various indices for DX prediction, which came to the conclusion that the planetary index was indeed the more reliable. At present, however, it is somewhat more difficult to obtain documentation of these measurements sooner than a few months after the dates in question. NOAA in Boulder makes these available, but they are quite delayed, and the Journal of Geophysical Research publishes them with an even greater delay. Still the best method, by far, for obtaining quick data remains either the WWV broadcasts or the taped telephone message provided by NOAA in Boulder, for which there is not a toll-free number.

In an effort to relate to the average DX'er just how some of these indices are related, a composite graph is provided here covering the three-month period from 1/1/77 through 3/31/77. A table of these individual values is also provided. It will be seen from these representations that the basic overall pattern of the indices is quite similar from one observatory to another, and is likewise similar to that for the planetary index.

Thus, it can be seen that any observatory will provide useful figures for the DX'er, and that unless there is a necessity for highly accurate and detailed records for a given scientific purpose over and above DX'ing, which is meant to include DX-related propagation research, whatever data is most easily obtainable will yield a very useful relative measure of geomagnetic activity.

It is also relevant to note here that there are other data which are also very important to the prediction and evaluation of geomagnetic activity and its relationship to MW DX. In subsequent articles, correlations will be drawn to some of these measures.

(The author's thanks to Ken Brownless for the values of the Scottish A-index used in this article, as well as for the exact location of the Scottish observatory)



1977

Jan	AF	As	AA	AP	fb	AF	As	AA	AP	Man	AF	As	AA	AF
1	11	14	15	17		8	5	5	7		7	13	8	11
2	3	5	3	5		17	18	17	21		3	5	6	5
3	6	7	5	6		11	10	5	11		2	4	4	4
4	8	9	10	10		3	2	4	4		3	3	5	3
5	12	12	8	15		9	7	10	9		3	3	5	4
6	9	8	8	10		10	14	15	14		4	8	8	6
7	5	7	6	7		16	14	12	18		3	5	9	5
8	5	6	6	6		12	16	21	18		9	10	11	12
9	6	4	5	6		21	19	11	25		35	24	71	38
10	3	3	4	3		8	12	10	12		15	15	19	19
11	12	7	10	14		12	12	15	15		13	22	17	19
12	9	9	11	12		8	7	6	7		20	22	19	22
13	4	7	5	7		10	11	7	12		11	14	9	13
14	15	17	12	18		6	11	9	11		14	10	9	12
15	11	11	13	13		6	8	7	8		3	5	6	5
16	6	7	7	7		5	5	5	6		4	6	7	6
17	5	4	8	6		9	9	10	9		7	10	8	9
18	8	9	9	10		14	13	15	12		10	11	9	11
19	7	10	4	8		7	6	6	6		4	5	5	5
20	9	10	11	12		5	4	7	5		11	13	7	13
21	3	4	6	5		6	5	9	7		7	10	6	10
22	5	8	7	7		4	9	8	8		5	5	11	7
23	6	4	5	6		17	14	12	18		12	12	11	14
24	9	8	7	8		11	12	9	14		8	13	11	12
25	8	9	5	9		10	13	7	11		10	12	9	12
26	2	4	3	4		5	9	7	8		11	13	19	16
27	2	4	4	4		1	4	5	3		8	8	9	8
28	9	12	7	13		7	8	8	7		9	5	12	15
29	12	13	17	15		X	X	X	X		11	11	18	14
30	25	20	68	30		X	X	X	X		4	6	6	5
31	14	13	18	19		X	X	X	X		3	2	5	4

MUSINGS

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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 NRC.

THE "BANANA" LIST By Ronald F. Schatz

The current AM situation, accurate to January 1978, for Tegucigalpa and San Pedro Sula, Honduras. (R. = Radio, LV = La Voz).

TEGUCIGALPA, INCLUDING COMAYAGUELA (C)

Freq.	FM-STL	Notes	Freq.	FM-STL	Notes
550 R. Honduras	101	Junta	1000 Unión Radio		S
610 R. América (C)	94½	A-V	1030 Estereomil	92	N
640 R. Exitos, "La Exitosa"		N	1060 R. Hemisferio	90	
670 LV de Honduras (HRN)	92½	N	1085 R. Aeropuerto (C)	89	
700 R. Reloj			1110 R. Fiesta		
720 R. Televisión, "La TV"			1140 R. Universal (C)		A-V
740 R. Comayaguéla			1200 R. Suprema		
770 R. Morazán			1230 R. Monumental		
790 R. Satélite		N	1300 R. Cultura	89	
830 R. Moderna (C)	97	A-V	1330 Cadena Musical		
850 R. Centro		N	1350 R. San Pedro	95	
880 R. Honduras	101	Junta	1380 LV Evangelica de Honduras		
910 R. Católica, "La Dimensión"	105		1440 R. Titania		
944 R. Panamericana	95½		1540 R. Minuto		
980 R. Tic Tac					

Key: "C" - located in Comayaguéla
"Junta" - run by military junta.
"A-V" - an "Audio-Video" station
"N" - owned by HRN-670 kHz
"S" - Radio Sistemas de Honduras, S.A.

SAN PEDRO SULA, INCLUDING EL PROGRESO

Freq.	FM-STL	Notes	Freq.	FM-STL	Notes
550 R. Libertad			1050 R. Latina		
590 R. América	97	R	1080 R. Tiempo		
640 R. Eco, La Popular		R-740	1110 R. Progreso (EP)		
690 LV de Honduras, HRN			1130 R. Mambi		
720 Estéreo Rey	105		1160 R. Swan de Honduras		
740 R. Eco, La Popular			1190 LV de Centroamérica		
780 Emisoras Unidas	108		1220 R. El Mundo		R-1340
800 R. Estéreo Centro	92		1250 La Cariñosa, HRQ	89	
830 R. Estéreo Sula	100		1290 R. Lima (LL)		
860 R. San Pedro	88		1340 R. El Mundo, HRH-6	90	
920 R. Fabulosa			1380 R. Primero de Mayo		
950 R. Exitos, La Exitosa	96		1470 R. Moderna		
975 R. Monumental					

Key: "EP" - located in El Progreso
"LL" - located in La Lima
"R" - repeater station

GUY KULLMEYER - "The Paniolo DXer" - 926 Travis Avenue - Eugene, Oregon - 97404

Though I have been a member of the NRC for over a year, this is my first check in with Musings of the Members. So in keeping with established traditions, an introduction is in order: I am 21 years old & have been DXing semi-regularly since late 1970. My current equipment is a Realistic DX160, a McKay Dymek DA7 antenna & a cassette recorder for verification purposes. By day, I'm a restaurant equipment salesman, but in the evening I read "DX NEWS" as soon as it hits the mailbox. I'd like to see more West Coast DXers report, however because Musings is always filled with TA & LA receptions which seem to be almost non-existent here. I know there is someone out there who digs TP like I do & we should hear more from them. Hear, hear! -ERC) My totals are nit near as impressive as some of the "old hands", but maybe I'll find more time to be at the dials this year. I recently purchased a TRF as a present for my 14-year-old brother who also DXes. Since we keep a common log, between the two of us we may be able to rack up a bigger percentage of new stations this year. I'm going to vote for SAN FRANCISCO as convention site even though I may not be able to attend. I wasn't able to attend LINCOLN last year, but maybe since Frisco is closer, I'll make it down there. I find IDXD & DXD the most informative articles in DX NEWS, so I plan to be appearing there shortly. Until then, 73s & the best of DX. (Welcome to the NRC, Guy, and to Musings, & we're happy to welcome you as a West Coast Muser - often, we hope! -ERC)

BOB LAZAR - 406 Ogg West - Madison, Wisconsin - 53706

I'm writing this from my hometown of Port Washington, Wis., where I've spent my Christmas vacation from school doing a lot of DXing. So here are some results: 12/23- CPDS -560 Ont. fair u/WIND @ 12 midnight w/NX. HJEL-1160 R. Aeropuerto fair @ 12:55am w/KSL nulled. KPFC-1560 fair o/KCJJ @ 1:27. KCJJ is not much of a pest here thanks to their protection of WQXR. 12/24- WLKK-1260 fair u/WNDR 2am w/c/w, CBS NX, & "Lake 1260" slogan. There was no sign of WNDE at the time. KIML-1270 noted on r/c @ 2:24 fair through heavy WXYZ & WBEF QRM. MM 12/26- KINQ-1020 fair 1-2:58am s/off w/talk program. WORX-1270 fair on TEST @ 2:02 through heavy WBEF QRM. CJCA-930 goog w/MoR @ 3:20 through WBEF/WKY QRM. YVLL-670 good w/WMAQ off @ 3:31 w/ID, & mentions of Venezuela. CKSO-790 good w/NX, MoR @ 6:08am. Tuesday morning 12/27- Chicago pests WGN-720, WBEM-780, & WVON-1390 were all off! Cubans heard on 720 & 780. 12/28- I was pleased to hear my first TA, W.D.R.-1586 w/a good signal 12:15-12:50am. After 12:50 the signal was weaker & WAKR sloop was a problem. Later @ 2:12 I heard CKRM-980 briefly u/WONE & the other QRM usually present. 12/30- WFIF-1370 W.Va. fair u/WSPD/KDTH on ET-OC @ 1:04am. CFRG-690 good @ 2 s/s/off in FF, GSQ, & O Canada. KRZI-1580 a surprise @ 1:27 w/rr, female DJ. HJQZ-1580 noted with antenna in the other direction later at 3, IDed as "R. Principe." Bad het from this or someone else and no sign of usual WCLIS. WVOK-690 good w/ID at end of ET @ 4:02. MM 1/2- WEAS-900 good u/CHML w/ID on ET-OC-TT at 1:08am. CBT-540 Newfoundland heard w/a great signal @ 4:29 s/on. They faded after ten minutes, though. YNOW-540 "R. Corporation" in Managua heard later @ 5:16 & while listening to them I heard bits of QRM from CBT. WMTL-1580 fair on r/c-TT @ 5:46 w/ID. Phone here is (608) 262-9044. I'm now using a Yaesu FRG-7 along with my SM-2. 73.

KARL FORTH - 630 South Ardmore - Villa Park, Illinois - 60181

CX haven't been too hot in the past couple of weeks (unless you consider a high A-Index to be "hot") but DX has been fairly good nonetheless. 12/30 (EST) I found WLKK-1260 w/c/w, ID, & CBS NX @ 5, WCRT-1260 testing w/big band & jazz mx & many IDs @ 5:33am, & WNDR-1260 in for a report since I read they are now verifying (and have since done so). WMD-970 w/s/on just before WATH s/on @ 6am, & WSML-1190 Graham, N.C. bombing WOWO w/c/w & local spots @ 7:17am. 12/31 brought WNTN-1550 in @ 7:04am o/u CBE w/ID & NX, first time on RS; WTIS-1110 w/s/on @ 7:15, unnn; WLBC-860 w/s/on @ 7:30am just before WDAY signed on. MM 1/2- WHOO-990 loud w/c/w, ID on ET @ 3:50am, not heard in years; WFDF-910 w/SSB & s/on @ 4:46am, unnn WLRC-1490 w/AM/FM s/on @ 5:32am, sked change, WMTL-1580 w/r/c @ 5:45am new, & WAMM-1070 w/s/on u/WIBC @ 7:30am & into soul mx. Big AU hit 1/3-4, killing the band, even a lot of the southern stations were inaudible. Only thing of interest on 1/4 was WSDR-1240 @ 8am for report/tape w/local WSBC off. 1/7 SSS- WRAG-590 w/soul mx u/WRTH/WKZO @ 6pm. 1/9- WPCR-1350 weak w/s/on @ 7am. 1/10 was worthwhile w/KUAT-1550 Tucson fair/good w/ET/TT/ID @ 4:04am. Later that day, KHEJ-1550 @ 7pm w/promo, pop mx & s/off. 1/11 found three new stations: WNEF-1290 @ 5am promo, ID, NBC NX u/WIRL, WMAA-1130 poor @ 7:14am w/ID & state and local WK u/WISN, then WPUL-1130 tentative with program and local spots for Central Florida. Verles: v/q- WNDR-1260, KVVU-610-TEST, V/1- CKLQ-1570, KBHB-810. v/r- WLCM-1360, KMWB-1190. v/f- WHOO-990, KTLI-1590-TEST, WORX-1270-TEST, & V/PP/c, KFFA-1360, to bring total to 1,020. I decided to try & verify CJOR-600 and KXLY-920 one more time; f'ups w/tapes sent out this week. Next report will be in February or March when I'm home from school. Bye.

THERE SHOULD BE, IN THIS ISSUE, OR CERTAINLY IN THE NEXT, THE RESULTS OF THE VOTING OF YOU MEMBERS FOR THE SITE FOR THE 1978 N.R.C. CONVENTION. NOT KNOWING WHETHER IT WOULD BE IN SAN FRANCISCO OR ATLANTA HAS SORT OF KEPT US FROM PUBLICIZING IT AND REMINDING YOU OF THE DATES, BUT BEGIN TO MAKE THOSE PLANS TO BE THERE! DATES? SURE - SEPTEMBER 1-2-3-4. Where? EITHER IN ATLANTISCO OR SAN FRANTANTA! CALORCIA OR GEORGIFORNIA! WE'LL KNOW SOON!

MICHIGAN SPECIAL

RICHARD C. EVANS - Box 392 - New Buffalo, MICHIGAN - 49117

It's been three years since I've reported, & the HQ-100 was never even plugged in during 1977. I spent quite a bit of time last Summer hanging around the Valley Forge area of Pennsylvania, & even set one of the buttons on the car radio for WCHE-1520. I missed the Special, though. I tried out my hand on SSS during the New Year's weekend & picked off four new stations to bring my total heard up to 1322. 1/2- WWOY-1270 Mich. good w/spot @ 5:13pm, then poor, mixing w/WCMR; KDTH-1370 Iowa picked up coverage of Rose Bowl game @ 5:30 pm, WGGH-1150 Ill. 5:54 tune-in to a religious program, then s/off @ 6, no SSB; WMOO-1550 Ala. 6:01 out of religious program into NX; CFGM-1310 Ont. fair to good w/c/w 6:10 on most of the evening, mixing w/an FF CBC, presumably CHGB; WFBC-1330 S.C. bombing in with the Rose Bowl game, w/ID @ 6:59pm; WNEF-1290 N.Y. fair to poor 7:10-7:30pm, w/NX, Accu-WX service, couple of spots & PSA's. While I was up to my Dad's over Christmas weekend, I made some repairs to the loop, then hooked it up to Dad's HQ-100. I added one station to those logs: WTCA-1050 Ind. for Station #284 in my Kalamazoo logs. That was the first station added there since 3/68. A re-introduction, since it's been so long: I'm 32, divorced, and work evenings as a senior rate clerk for a trucking company here in town. I am about five miles NE of the point where Michigan, Indiana & Lake Michigan come together, roughly 50 miles from Chicago. Collections here include newspapers, postmarks, & postcards. 73.

BRUCE TINDALL - Box 404 - Chapel Hill, North Carolina - 27514

WBHAMZD

As promised, here's a list of stations which broadcast BKB games of the University of North Carolina: WGAI-560, WKSK-580, WMFD-630, WIRD-630, WMEL-740, WBBQ-780, WKBC-810, WRZB-880, WITN-930, WFNC-940, WFTC-960, WEEB-990, WWGP-1050, WMAP-1060, WBT-1110, WILX-1150, WGBR-1150, WBAG-1150, WSKY-1230, WCBT-1230, WMFR-1230, WFNC-1240, WJNC-1240, WSAT-1280, WSID-1300, WTIK-1310, WOIC-1320, WJRI-1340, WTSB-1340, WAIR-1340, WCHL-1360, WREB-1390, WLSE-1400, WSGC-1400, WHCC-1400, WGBG-1400, WVOT-1420, WBUY-1440, WGNB-1450, WIZS-1450, WPNC-1470, WLOE-1490, WRNB-1490, WYRU-1510, WKYK-1540, WQYI, & WDDZ. Whew! Let's all give three cheers and a gold medal to J. L. Lamb Jr., CE of WCNC, who gives an ID every single minute during his r/c first MM 12:15-12:30am. Not too many helpful stations like that, are there?

DAVE SCHMIDT - 42 Chelwynne Road - Castle Hills - New Castle, Delaware - 19720

Here we go with my opening report for my 12th year in the NRC! DX: 12/11- CJAD -800 5:19-5:29pm briefly atop CKLW/PJB/w/MoR, a rare one in these parts. MM 12/12- WSIB-1490 12:56-1:15am w/rr, nice to hear something else here other than WJIT WUSS/WOLF. WVCG-1080 @ 2:01-2:09am w/schmalz mx, evidently an ET, as gone following an ID @ 2:09, WEEP-1080 also noted on ET w/c/w mx, local-like signal, for a long-wanted one. On 12/13, I took a report on KKI when they shifted to 641, very rough here due to WSM-650. A card arrived but no mention of the change. F/ups have gone to WZZD-990, KBCQ-1020, WYZE-1480 (to Chuck Hutton), & WURL-1500 (now WSMX). Veries: v/l- WSIB-1490, WVCG-1080 & a nice one from GJVA-810 - hey, Star! I got your letter, my name was typed on a sticker and put over it, but it's addressed to "Mr. Morris." v/f- WHOO-990 w/a bunch of technical stuff, picture of 990 Pattern Book page, and towers, & WGBS-710. v/q-CJAD-800. Total: 918. I have gone back to one of the tricks of the trade, so to speak, with sending out f/ups to a few of the stations which are problems for most of us. I have been sending out the reports on WCHE letterheads, a trick I once did while working at WHOT (Jerry Starr's secret, hi). Too early yet to tell if that will bring any results, but at least the letters stands a chance of getting some type of attention. If anyone needs a verie from WJQI-1590, please send me the report. When I get about a half dozen, I'll take them up & dump them on the new CE there & get him on the stick. The new WYIS-690 had to halt construction on their antenna system due to local residents' complaints on the site. The studios are in and the staff has been hired; they're just waiting on the outcome of the court battle. Till next time, 73s.

THOMAS R. SUNDSTROM - Box 205 - Wallingboro, New Jersey - 08046

WZIQ

Greetings. For some reason NRC HQ did not publish a notice that effective immediately, NRC CPCers should send info on the TESTS for publication in the NNRC bulletin, to MATT ZAHNER, 7224 Gough Street, Baltimore, Md. 21224. After almost 13 years of editing one section or another of the NNRC bulletin (mostly a portion of the ECB pages), I have given up the task because I was feeling stale in the work; it's time to move on to other things. ECB DXing has been virtually barren this year; one of the disappointments is that KBOI-670 is impossible with WMAQ on. I have been spending most of my time on 40m CW, & have checked into (using CW) the NRC nets on 3850k from time to time which has been kinda fun. Recent articles, mostly dealing with ham radio, have been published in Ham Radio Horizons (Oct. & Dec. '77, & Feb. '78; and '73" (Jan. '78); others, non-ham, are in the works. One of these days I'd like to pick up an HF RX so I can work SSB & check in with voice to some of the nets, but that'll take a while. 73. (The NNRC note appeared in the January 16 DX NEWS -ERC)

MIKE TUGGLE - 909 Moores Mill Road - Bel Air, Maryland - 21014

As I write this (1/10) it's near zero outside under a cold, clear, starlit, winter's sky. And the listening CX are - absolutely abominable! And have been, ever since 1/4. Gone are "KB Radio", "The Spirit of New England" & "Le Music Machine" (fine, by me) but also most of the Southern (Auroral) outlets - except for the Cubans (they never go). It's enough to make Midsummer seem like a Dyer's dream. MWA? They say the "A" stands for "Anomaly" but I've got a couple of other choices. CX related twice very briefly to allow loggings of WBLR -1430 S.C. 1/5 @ 5:40pm s/off, & WKLV-1440 Va. 1/6 @ 6am s/on, to bring total to 285. A f/up verie on a f/up report comes from CIHI-1260 N.B. in the form of a nice personal letter "Amazing to think we'd carry that far (to Md.) on a mere 10,000 watts." Wait till they get (conf'd.)

(Tuggle) reports from New Zealand! Apart from hearty congratulations on the DX NEWS nostalgia issue, that's about it. 73s. (* Apologies to WC DXers who can't relate to these tidbits of EC culture.) (I don't even recognize the second and third one, Mike! -ERC)

BILL WHITACRE - 2609 Devonshire - Lansing, MICHIGAN - 48910

517-482-7996

At the encouragement of fellow Michigan DXer Jack Faulkner and being one to at least contribute something to a Club which I belong to; I've decided to Muse for only the second time since I joined - just a year ago. I'm 21, an Astro-physics/EE major here at MSU (about 1 1/2 years from graduation w/a dual major) & a part-time employee of a convenience store here in town. My major interest is SW DX folo by MW & TV - I've been DXing for almost nine years. Equipment here includes Drake's R-4B, Gilfer modified SFR-4, SW-4a, Yeasu FRG-7, Barlow-Wadley XCR-30 & a Collings R-390A. For antenna wire I use old Hurch 86-D 100' dipole. SM-2, Mosley SWV-7 and some miscellaneous wire running all over the basement! As for accessories: Gilfer A-20 preselector, Autek QF-1, Mattis/PE frequency display which I use on my somehow left out of the above description Hallicrafters SX-96 (my main domestic/CPC RX) & a homebrew crystal calibrator & anything else I can lay my hands on at swap-n-shops & used! For the past three years I was the editor/publisher of the Great Lakes DX Ass'n. (GLDXA) journal NEWSMEMO which, until its demise last month, boasted a membership of 75 and dealt with SW, ECB, & occasionally FM or TV. I still have many of the reprints we did left, any of these are available for 50¢ & a SASE from me; 49mb Survey, Review of the Autek QF-1 Audio filter & a review of the Mattis/PE Frequency Center. Also if anyone would like a copy of a GLDXA Newsmemo these are available for SASE & 25¢. I'm always interested in trading tapes with someone - domestic or foreign members. I have tapes of CPC's from the past three years, many SWB stations & much more. I even have a little DX to report: 11/27- KFID-1070 6:11-6:14pm IDs, "Fulsom Prison", TC, announcer as "Uncle Dick", then lost after power change. KWCO-1560 6:33-6:38pm during Dallas-Redskins game, pause for ID, WX (500 & partly cloudy) & more game - both these s/off. 12/25- WCIL-1020 5:38-5:45pm s off w/man DJ, Christmas mx, WX & woman with recorded s/off announcements. KLRA-1010 6pm during Fiesta Bowl (Arizona vs. Penn State) for ID, TC, etc. - WCIL veried but I'm still waiting for KLRA. CPC's have been nil this year, either they haven't come in, weren't on or I haven't been up! I would like to wish everybody a belated Happy New Year before I close. 73s. (Hi again, Bill - please double space??-ERC)

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

Greetings to all & I hope everyone made it through the holidays safely and had lots of time to DX. I spent some time at the dial with nothing spectacular heard but I did manage to fatten the log a little. On 12/15 @ 5:48pm EST, KOMX-1310 from Keokuk, Ia. was in good with ads in Fort Madison & something "free to KOMX listeners" but I missed what they were giving away. Then @ 5:55, KCOB-1350 from San Antonio in SS w/ER ID @ 5:58. On 12/20 again at SSS @ 7:09pm, KAZM-1470, Sedona, Ariz. with local ads; at 7:31, KOGA-930 from Ogalala, Neb. Then at 7:35, WMIX-940, Mount Vernon, Ill. was on top of local KIXZ for 30-40 minutes. On 12/21 @ 6:30pm, 250w KCLW-900 from Hamilton, Tex. w/s/off. On 12/24 @ 5:43pm, KWRE-730 Warrenton, Mo. on their s/off. On 12/26, I tried for WJOB & WORX TESTS. WJOB was very tentative, but WORX was in very well & report was sent. Later that night, KISM-1380, El Paso s/off @ 3:06am; TOX-850 was in good @ 4am. On 12/29 @ 9:32am, KOMP-1010, Brush, Col. on the air with their new station. On 12/30, KHBV-1550, Canyon, Tex. & KBUF-1050, Garden City, Kan. with call changes. On 1/2, KGUZ-1490 & KVSL-1450 on their r/c's per list. At 2:46 am, on 910, a "KJ" ID that I assume was KJJJ from Phoenix. At 5:28am, WDMG-860, Douglas, Ga. with Douglas County WX & fishing report on Lake Sinclair @ 5:44. On the afternoon of 1/2/78, CX here were kind of weird way before local SSS. At 5:13pm EST (4:13 here) KIOA-940, Ia., o/ local KIXZ; KLIK-950, Mo. in w/excellent signal; JLT-970, Neb.; MMA-960, Ia.; WSLX-980, Tenn.; KPBC-1040, Tex.; KHYM-1060 Tex.; WIIA-1070 Tenn.; KCLR-1150 Ark. all in good before SSS. On 1/5 @ 4:04am, someone testing on 1560 w/TT, OC & ID that sounded like WQXR, NY- I wonder if it were they testing? (They do mucho testing, Forest- it's likely -ERC) On 1/7 from 3:19 after 4, KZUL-1380, Parker, Ariz. testing w/TT, CW, VIDs. Then from 4:30-4:40am, WERC-960, Ala. w/"96-ERC" IDs; then 4:40-6:04 LA stations were cominating w/Grenada-535, Jumbo-545, Dominica-595, El Salvador-655 with best signal ever here. R. Columbia-725 also excellent, Belize-834, & Haiti-1035 w/SS gospel mx. Any Muse is good Muse! 73 & good DX.

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

Hello again. Boy, you talk about a great week! I've got five new veries: WSUN St. Petersburg (card), WBAF Ft. Worth (card) WDRG Hartford, Conn. (card), KSL (card) & WOND Pleasantville, N.J. (letter, bumper sticker, info pamphlet). That gives me four new states verified giving me a total of 22 states, 56 veries. Does anyone know the address of CHTN, Charlottetown, P.E.I.? If so could you please make a note of it in your next Musing? Thank you. (It's Box 1190, C1A 7M8 - ERC) I was just on a trip to Ocean City, Md. & got some log-gins in - WOND-1400 clear; WNVB-1440, Millville, N.J. clear, WFPG-1450 Atlantic City & WGBE-1240 Freeport, N.Y. fair. WMID-1340 Atlantic City, clear. WHWH-1350 Princeton, N.J. w/heavy QRM from an unk station. WZZD-990 Philly clear - IDed as "wisard-100". WWDJ, Hackensack, N.J. clear, IDs as DJ-97. WTEL-560 Philly clear, rr mx. WETT-1590 Ocean City, Md. clear, IDs as 15-wet. WJWL-900 Georgetown, Del. Reports out to WNVB, WFPG, WGBB, WMID, WZZD, WWDJ, WETT, & I hope to get CHTN out if I can track down the address. So long & 73s to all.

LEONARD A. JOZWIAK - 5999 Yorkshire - Detroit, MICHIGAN - 48224

This is my first Musing since I've been a member. Only changes around here are WWKR, ex-WNIC-1310, Dearborn. The only new AM stations in Michigan are: WKW-1140 5,000 D-3, Kentwood, & WMLM-1540 1,000 D-1, St. Louis. Only regulars are: CBEF, CKMW, WTVN, CFCO, CHYR, WJR, WJW, WKAR, WRFD, WRO, WDFD, WEDL, WWJ, WPAQ, CHOK, WILD, WCAR, WQOW, WGAR, WKYZ, WAKR, WELX, WSPD, WPHM, WJLB, WBRB, WCHB, WFOU, WDEE, CBE, WMA & WAM. That is all for now. (Welcome to the NRC & Musings, Leonard! Please Muse often and soon! -ERC)

PHIL BOERSMA - 15570 Cleveland - Spring Lake, MICHIGAN - 49456

Who am I to be a party pooper and not Muse when Michigan is featured, hi. Not a whole lot to report - I've been working 70 hours a week - 40 at a gas station, and 30 at WGHN, so not any time for DX, much less do anything else. Luckily, the 30 hours at WGHN are temporary only, until February when we move into a new building and our CE can once again do his morning drive show. Then I'll be back to only 12 hours a week at WGHN. True, radio seems to be more fun than a gas station, but I have to make a living, hi. Latest interest here musically is PUNK rock, if you don't know what that is, stop listening to the radio and stop by your local record store. (I thought ALL rock was punk?? hi -ERC) But maybe now that the Sex Pistols are touring the USA, more radio stations (FM in particular) will start playing punk. I could go into this more, but DX NEWS is not the place. 73s.

NEIL G. ZANK - 2445 "E" Street - Act. 6 - Lincoln, Nebraska - 68510

It's great to see Musers come out of Mothballs. And now, I'm a-DXin' and I'm a-grinnin'. (And a-listenin' to Hee Haw, no? -ERC) 12/1- WFMW-730 Madisonville, Ky. s/on @ 7 for a report. 12/6- KRKR-1360 Rudisno, N.M. on f/c-TT & CW IDs @ 2:22am, unverified. 12/10- WSWW-1590 Plattville, Wis. with what seemed to be TT & OC plus complete s/off @ 1:30am - v/l said they s/off @ 1:30 but I sure heard them. 12/12- WIMA-1250 Charleston, S.C. on ET w/rr & ID, unverified, WRFC-960 Athens, Ga. on ET 3:20-3:35am w/rr oldies, OC, & ID. 12/13- WLIJ-1580 Shelbyville, Tenn. @ 7:52-8am w/WX, spot & Trading Post. 12/19- KVVU-610 Logan, U. fair on TEST w/TT & CIDs, KTLI-1590, Tillamook, Ore. on TEST w/phone number & partial ID/TT. 12/22- I noted KFAB off & pulled several peaks of CHQT-1110 Edmonton, through @ 3:40am w/slight SS QRM. 12/23- CKXL-1140 Calgary, on top of frequency w pop mx & DJ latter - no NX, PSAs or spots noted in more than an hour. 12/26- No luck on TESTS from WJOB or WORX. 12/27- WIGR-1190 ex-WPUP Bay St. Louis, Miss. s/on @ 7:45am w/new call. 12/30- CFCM-1310 Richmond Hill, Ont. good w/c/w 1:38-1:55am w/TT & OC QRM - Eter turned out to be WGSa-1310, Ephrata, Pa. w ID @ 2:03am for a shock to me. 1/2- WMBX-1510 Boston 1:22-1:35am w ID & Lone Ranger episode, WEAS-900 Savannah, Ga. loud on ET 2:15-2:32 but un here unID-1400 w/TT with breaks each ten seconds 2:45-3am - I suspect KXIV Phoenix r/c per list. 1/4- KTLU-1580, Rusk Tex. r/c per list, KNET-1450 Palestine, Tex. on f/c 1:45-2am. 1/5- WCMF-1280 Cumberland, Ky. on r/c; unID-1490 w/TT & breaks 2-2:10 - I suspect KHXI, Muskogee, Okla. f/c per list; WTKX-1370 Tompkinsville, Ky. r/c. 1/6- KYDE-1590 Pine Bluff, Ark. 5:59-6:12pm w/gospel mx, NX & WX; KNBO-1530 New Boston, Tex. @ 6:30pm s/off -partial s/off just after local KCKK pulled the switch; KPOS-1370 Post, Tex. poor at s/off @ 7. 1/9- I do not know for sure if WBRM-1250 was on for TEST but I had possible IDs @ 2:05am & again @ 2:33 but not 1000% conclusive here. I leave you now to buy a car from Junior the Great. (The great what? -ERC)

ERIC FADER - 23-35 Bell Boulevard - Bayside, New York - 11360

Lotta DX of late. 12/28- CJRC-1150, newbie surfacing w/FF talk & vocal mx, briefly o/mess, 1:41am; still strong @ 1:48. WJJ-950 topping WPEN, unusual. CFLS-920 on top 1:54, instant pest, hi. 12/29- TT-1190 likely local WLIB. SM 1/1- CBK-540 pounding in at s/off 2:05am. CKRB-1460 on top 2:08. DX CX good, my CX too poor to DX, hi. (Yeah man -ERC) Miscellaneous comments: Nice article by Jim Lovell on Murphy's Law. Thanks to Mike Tuggle for IDing my 790 weirdo as CHIC, & to all correspondents. Moving on: 1/1 night- CJVA-810 way o/WGY, 7:13. 10:46, someone on 580 concluding "Big Country" program. I thought I heard a CK-- ID, then into NX u/WCHS. Could anyone tell me if CKPR carries this program? NRC Log sez "GEM" as part of their format listing, so it's possible. Unn CEKN-560 strong & clear w/FF mx & SID w/WPIL 11:14. MM 1/2- Someone with the Eagle "Hotel California" LP on 620, 12-12:21am, u/a Canadian talker. At 1:15 they were done w/Eagles & playing "Rumours" - whoozis? NotWHEM, WSUN, or WTMJ as all those were heard @ 1:15, so the unID may be most-wanted WRJZ. Unn CHYM-1490 way o/all 12:35. unID TT-1460 o/talker 12:40am. Newbie WQIC-1320 w/clear ID 12:52 u/CKEK, whose pattern is a farce. CKLD-1330 on top 12:57. WDW-590, a former most-wanted, heard very easily in good clear CX. They had several IDs & SIDs, rr, 1:04-1:08am. New state too, I don't remember what number. WAIG-1460 N.Y. AMing, must be MSP, o/WPDA's soul mx & an unID w/c/w, all this, 2:18. Local WWRU-1600 ET/mx 2:53. WWD-1240 on RS 3:09. WJPL-1230 on top 3:10, o/WINS (spur) hi. 1090: unID SS mx weak 3:20-3:22. KRLD-1080 likely, the one u/WTIC talk w/Mor instrumentals & some light rock/pop stuff. They played 2-3 selections in a row w/talk between, most talk unreadable. They did give WX @ 3:58, back into mx @ 4, weak but clear, w/slight fades. Entire reception was 3:30-4. Can anyone support or refute my tentative ID? Opinions appreciated as always. Local WEN-1050 off 3:34, leaving CHUM/XEG etc. in a mess of unids. Next time, GY newbies of 1/7. 73s.

JEFF COHEN - 1110 Tanbark Lane - Jackson, MICHIGAN - 49203

This time around I'd like to take advantage of the NRCers into amateur radio. I just got my novice, & I wanted to set up my station, which at the moment consists of a Globe XR & a Laffalot RX, & some other gear. My problem is an antenna. I need either an indoor, or a small outdoor antenna because my landlord doesn't allow any antennas at all. I would like something that would work on all the bands, or at least 80 meters. I tried a loop around my room, but the SWR is way too high. HELP! I really enjoyed the last issues, especially when I came home from my old locale of Stoughton, Mass. and found three of them waiting. I wanted to visit ERC but my Toronado had some steering trouble of all things, & I had no transportation until the day I left. I am happy to say that after this school year I will be coming back to my old location permanently. Between my three fish tanks and my neighbor's three, DX has been near impossible. My early problems have persisted, so maybe an outdoor antenna is the answer here too! 73.

THANK YOU TO THOSE OF YOU WHO MUSED BECAUSE YOUR STATE WAS BEING FEATURED. NOW, WE IMPLORE YOU TO REMAIN WITH US AND VISIT THIS SECTION OFTEN! MUSINGS DEADLINES ARE EVERY MONDAY IN PROVINCETOWN. FEATURED AREAS: DEADLINES 2/6 Cal., 2/13 Canada; 2/20 Ill-Ind-Ia; 2/27 CT NJ RI

DAVID LEGLER - 362 West Wadsworth Hall - Michigan State University - Houghton, MICHIGAN 49931

I read your plea for Musings from Michiganders, so here's my Muse! It's my first one, so here's an intro: I'm a 19 year old Freshman at Michigan Tech University in Houghton, majoring in Computer Science. I've been a member for just over a year. I'm not sure, but I'm probably about the only member in Michigan's Upper Peninsula (I don't have my NRC membership list handy). I'm also a member of the IRCA & WTFDA. My home is only 90 miles away in Marquette, so I'm continuing my Marquette DX records here. DXing in Marquette is great (one local which s/off @ 10:30pm ELT) & except for the fact that the dorm I'm in is a fantastic source of interference, it would be even better here. It can be so bad that sometimes I count myself lucky if I can get WLS. Other times it gets better. Recent catches here include WCAN-680 W.Va., KFEG-680, Mo., KLRA-1010 Ark., & KOMA-860 Kan. Unfortunately, my DXing time lately has been very limited, due mainly to a lot of school work. I have 135 veries, with 26 states & four provinces verified, plus two from Mexico (YEX & XEG) & my farthest verified so far, PJB-800, Bonaire. Other interests of mine include music, electronics, astronomy, and coin collecting. Let's hear it for numismatic DXers! Or would that be DXing numismatics, hi. Before I go, let me say that this Muse-a-State idea is great! (Take a bow, JACK FAULKNER, hi -ERC) Hopefully, it should get all of the lazy Musers like me into action, hi. In my next Muse (which should be fairly soon), I'll write a bit about my DXing equipment and other such stuff. 73 & good DX to all. (Welcome to the NRC, David, and we will be looking for that next Muse - and the next, and the next! -ERC)

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

Last week I was Musing about the great DX on the 1200' Beverage Nick Hall-Patch, Bruce Portzer, my wife Nancy & I put up on the Wash. coast over New Year's. It was pointed E/W, & seemed to have nulls at most frequencies towards Portland-San Francisco-Los Angeles, & cut back sharply on signals from Seattle & B.C. The 12/31 & 1/1 DX is in last week's Musing. Now the 1/2 loggings: 12:35-12:41am KSEN-1150 way o/KAYO giving Montana NX, 12:41 rodeo yell "Yahoo!" folo by "Big Sky WX on KSEN", & they faded during the WX so they I'ded just in time! 1:09am, someone playing cowboy song "Cool Water" weakly on 1050, severe CFCM-1060 slop. 1:11 announcement, weak, said "ETS" & "New York", then disappeared. I know it has to be WEN on an ET, & if I'd been taping it, I'd have proof, darn it. Obviously I'll get a system going soon to tape all DX without reducing speaker volume, so that this won't get past me again, hi. I got an ID from CJSN-1490 2:22am //--CKSW (570 now, I think, ex-1400). KGHU-790 r/c was ON as usual, but normal first MM r/c's from KQIK-1230, KMCL-1240, KVAC-1490, & MTKI-950 were tried but not heard; the Beverage should have been pointed at it. 3:15-3:20am apparent ET of KKBW-1360, new Bemidji, Minn. station, using SIDs instead of VIDs, perhaps measuring coverage area before beginning operations. 3:31am EE ID from VQO-1030 Solomon Islands, then announcements in native vernacular peppered w/occasional EE words such as "President Carter" & some EE announcements, evidently personal messages, then EE record dedication & into mx 3:38, very poor but alone. (It's rough being poor & alone - hi -ERC) 3:45-4:01am NX, then rr from WKBW-1520, finally I'ded @ 4:01, fair-to-poor w/KYII/KOMA both evidently off, some KGA-1510 splash. 4:05 I tried for positive ID from WEN-1050, but by then XEG was on in SS. Seemed like CX to the E deteriorated after that point, so no new states were logged later. 6am, R. Fiji-891 started "R. Fiji NX" w/a good signal atop, then what sounded like an NA @ 6:03. I should mention that on both 1/1 & 1/2, WLB-1385 Canton Island was in w/instrumental string mx, good signal for 250w at that distance, but they didn't ID any of the various times we stayed tuned, so we can't count it. We hated to take the Beverage down 1/2, but it looks like we'll be back the second weekend in October - mark your calendar now, hi! 73.

MORTON D. MEEHAN - 7 Wilshire - Palm Springs, California - 92262

Issue #11 with the nostalgia section held extra interest for me as the 1939 Convention picture in Erie had my picture. The 22 year old fellow, 300 miles from home, sitting in the center behind the sign is me. I drove to that Convention in a Model A Ford on my first paid two weeks vacation. It was the furthest I had ever been from my birthplace in Elizabeth, N.J. up to that time. En route home I toured Ohio, the Blue Ridge Mountains of West Virginia and Maryland. Over 100 miles from home a knock developed in the Model A & I continued home at 25 mph. It was a big point in my life traveling W to Erie & touching such places as Cleveland and Frostburg. People I remember at that Convention were Harry Gordon, Hal Wagner, Pat Redley, Ray Edge and the president, a man in his seventies, Joe Becker. It would be nice if we could identify the other NRCers in that picture. (All those Mort mentions have passed on -ERC) Perhaps I joined the NRC when the Atlantic Radio Club or Transcontinental Radio Club moved into the NRC as I remember brief memberships with those clubs. I was wrong in thinking the Canadian DX Relay was the club I belonged to that merged into the NRC. I guess Ontario & Erie being near to each other to cause this mistake. In the late 30's many DX clubs started and ended. Others I remember belonging to for a year or so included the I.D.A.: Charlie Morrison of Chicago's Foreign DX Club; Universal Radio Club, run by Charles I. Norton of Oakland; Universal Radio Club of Oradell, N.J., R. J. Stanfield, President; and Bill Wheatley of Brooklyn's Globe Circlers DX Club. But the NRC and MNRC are the only two that have continued all these years. One of these days I'll pull my faded memory together and send in some "Nostalgias." Reading what you're printing is sure to bring back pleasant memories. (We would greatly appreciate some "Mothball Memories", Mort! -ERC)

WE HATE TO BE OVERLY REPETITIOUS, BUT WE DO WANT THESE DATES TO PROVE A BIG SUCCESS: DEADLINE

DATES AGAIN FOR THE NEXT FOUR WEEKS:

MONDAY, FEBRUARY 6 - CALIFORNIA

MONDAY, FEBRUARY 20 - ILLINOIS, INDIANA, & IOWA

MONDAY, FEBRUARY 13 - CANADA

MONDAY, FEBRUARY 27 - CONNECTICUT, RHODE ISLAND, & NEW

BUT - EVERYBODY'S MUSING IS WELCOME, EVERYWHERE!

JERSEY

JACK FAULKNER - 233 East Division - Rockford, MICHIGAN - 49341

Well, it looks like I'm becoming a Musings recruiter also! I hope there are 20 other Michiganders in this issue. A few days ago I picked up a new RX & it seems to be working out quite well. It's a portable, pretty sensitive and selective, and almost everyone in the Club has one. Need I say more? Yes, I finally bought the Radio Shack TRF. There are no birds and spurs noticeable like there were in the Channel Master. A few good catches have been logged on it recently: 1/6, WLFA-1590 Ga. @ 5:32-5:50 w/BB ads and IDs, WMOO-1550 Ala. s/off @ 6:16 folo by KOKA-1550 La. @ 6:17pm w/ID. Then two surprises, both Texans, KGBC -1540 in the clear from 6:50 to 7:15pm w/IDs, national & local NX, & WX. Cassette & report were sent. Strange reception since there was no sign of KXEL/WPTR. The other Texan was KRZI-1580 @ 7:53pm w/"RZI" type ID. WBHL-1540 Ind. @ 5:29pm w/WX report, ID. WOSU-820 Ohio w/s/off @ 6:45pm. Now all I need is WKY & I'll have all four stations on 820k. 1/8 brought in state #32, KAAA-1560 S.D. @ 2:31am w/contest ads, NX, WX. And now I want to personally thank RON MUSCO for arranging the KXEL-1070 TEST. It was through his efforts that I heard my first CPC TEST! When that ID popped in @ 1:01am, I almost fell out of my chair! VIDs were given and during the entire hour the signal faded only a few times. At least up Michigan way the TT blanketed the entire frequency. I should also mention that two newsies were heard during the TEST: WTOS Wis. & WIDA Tenn., both on 1070! One point I should make is that might help newcomers listen for CPCs is the fact that no time zone is given along with the TEST sked. I kicked myself for thinking that the TESTS were sked by WWV/CUT. I just recently found out they were in EST by reading about the s/on - s/off times in Musings. I guess that shows I am still a beginner. By the time you read this, I will have finished my "survey" to every station in Michigan. I felt it's the least I can do for the Club. The "survey" consists of a letter that explains about the NRC, the Domestic Log, & its purpose, & an explanation of CPC TESTS. The second page lists the current data on the station & a place for them to list any changes or comments. The hardest part was trying to find all the latest info on 130 or so stations & sending it out in a short amount of time. All of the replies will be sent to JOHN CALLARMAN for the new Log. I managed to get JEFF COHEN to Muse so we'll see if I have the "Cooper Motivation" in my blood, hi. 73s & get those CPCs!

KONSTANTINE RYCHALSKY - (UN-ID) - 22 Carroll Court - Bridgeport, Connecticut - 06607

XIV. MYSTERY SOLVED! A special thanks to RICK CARR for an answer to the mysterious WKTQ (ex-WKQP) address. All take notice, the new address is: Broadcast Plaza, Crane Avenue, Pittsburgh 15220, (ex-100 Forbes address). Thanks again Rick, now I only have to wait till the right CX prevail again, hi. Latest veries: WAZL-1490 Pa. for five minute ET; WCHE-1520 Pa. TEST; CIHL-1260 N.B.; all v/l. To Mel Bernstein, & others, I've been trying for a verie out of WCCC for five years; WDRC had a card back in 8/71; WPOP had a "tooth puller" back in 5/70 when I first began, however never veried thereafter. Dario Monferini, your chances of picking up WPOP in Italy may be slim, I have a hard enough time hearing it here in the same state during the night hours. Pre-Christmas DX: I heard WAPE-690 Fla. ET but lost the into (next time?); WORX TEST heard but report sent late - the same day I traveled S only to return 1/1; WJOB not heard. It's interesting to note that WNBC, WOR, & WGBS all can be heard in the daytime in Virginia. Report out to WNBC. New Year DX: This is the season for Alabama - WVOK-690 ET 1/4 @ 1:32am w/c/w (three reports to Ala. but no veries, also S.C. is silent). Graveyarder WERG-1230 R.I. in here frequently, no reports out yet; umn WOVW -1380 Conn. ET 1/7 @ 2:05am; umn WLNH also in @ 2:37. On 1/10 I heard "CHAP" behind WOKO-1460 N.Y. Have they changed from 1450? 1450 here is dead w/local WNAB. Am I hearing things? Lastly, a subscription to Communications World has turned into a sub to Elementary Electronics; the pains of a DXer, hi! The idea for a CBB listeners' publication is a good one. Many of my other hobbies run into the act of just listening to programs, I know such a publication will help me. I may print up a one sheet promo since printing facilities are easily available. 73s t'all.

CURTIS D. ENGBERG - 80 Concord Road - Wayland, Massachusetts - 01778

My apologies to Ernie & to all who attended his get-together. I got held up in Tennessee with a broken rear axle after my son's wedding which fouled up our whole Thanksgiving plans. We did have an exciting holiday trip home through West Virginia amid lots of fog and traffic, & I couldn't even face the prospect of putting foot in car when we finally made it, hi! Since there has been nothing exciting in TA reception lately, I've done more local listening. 11/27- 4:50pm, WHNC-890 all alone w/local NX. At 5pm s/off WCP5 -760 o/WJR, & WHEL-740 clear. 12/5- At 4:30am, YVLH-650 w/R. Vision ID. 12/11- UnID s/off on 990 @ 5:45pm had to be someone I needed! Not heard on any succeeding evenings as WZZD, WNOX, & CBW seem to dominate. 12/19- At 3:40am WKIS-740 strong & CHIC-790 atop. 12/22- Hi-band TA's in pretty good just before midnight, w/1205 noted with strong chanting. Special programming from France? Or is there a new AA on this frequency? 12/23 had more TA's than usual, but still relatively poor CX. 12/25- A rather interesting s/off @ 11:57pm on 1457, which seems like an odd s/off time for a TA. 12/26- Strong FF on 1290 after 11:30pm finally IDed as CHRM @ 11:55pm. 1/3- Unusual to get ID of XEQ-940 o/CEM on the LW @ 10:58pm, not usually noted here. That's about all from here, hope you all have a good New Year! 73.

HANK HOLBROOK - 7211 Chestnut Street - Chevy Chase, Maryland - 20015 1/7/78

Only seven CBB stations were reported during December so this will be a brief Musing. Logged and reported were: 12/4- St. John's, Antigua-1165 from 5:55pm to 7:33 EST w/ mostly religious programming. 12/8- 4VRM Port-au-Prince, Haiti-895 10:09-11:30pm fair in FF w/some wellknown Christmas mx. 12/11- WARR-1520 Warrenton, N.C. 9-9:05am when lost - v/l states mine is their most distant report on RS; R Dominica-595 at Roseau fairly good signals but cut up by QRM. 12/19- WRXB Chapel Hill, N.C. 7:15-7:19am when lost in QRM. (continued)

(Holbrook, con'd.) 12/20- WOBR-1530 Wanchese, N.C. 7:10-7:19 fairly good - nice verie certificate-type letter; and Conakry-1403, Guinea, from 5:02 to 6:17pm and 6:46 to 9:35pm, rough due to fading and QRM! A few veries in include: CHIC-790; WVLV-940; WJIT-1480; & R. Junbo-545. Total all band veries now at 10,055 of which 2,382 are on CBB & 101 countries. I had enjoyable phone chat with Ron Schiller when he was visiting relatives in Delaware. 73.

RICHARD C. EVANS - Box 392 - New Buffalo, MICHIGAN - 49117

Interesting to read about the State of the Week. As I type this about 5 am on 1/10, I've heard 14 new stations so far this year. Total for 1974/75/76 combined was only nine! I've been trying to work over the new f/c list, and it has been productive enough to suit me. 1/4- KTLU-1580 Tex. r/c; WFLI-1070 Tenn. r/c; WGAC-580 Ga. 4:21-4:55am c&w, no spots, fair to excellent, but faded out finally; WIMS-1420 Ind. s/on @ 6:08am with brief SSB, then Jimmy Durante singing "You've Got to Start off Each Day with a Song." 1/5- WCRV-1580 N.J. on late notice TEST, TT, ID @ 12:31am, fair to poor, umn here; WCPM-1280 Ky. r/c; KROF-960 La. r/c. 1/7- WYNX-1550 Ga. fair to poor 5:30pm w/Georgia Network NX, then into gospel mx, s/off 5:45; WEYI-1580 Ala. 5:46-6pm s/off, C&W, spots, fair signal, some fading; WMYI-1580 Miss. s/off w/SSB @ 6:0q right after WEYI; WATM-1590 Ala. s/off 6:17pm w/Dixie, all alone. 1/9- WUNI-1410 Ala. 12:15-12:20am C&W, lost to WING; WYDE-850 Ala. 12:55am with some good gospel mx; WCAZ-990 Ill. r/c; WJRD-1150 Ala. C&W 1:11-1:15; also 3:53, uses slogan "Bld D Country"; WIND-560 Ill. s/off 3:33am w/SSB; KEX-1190 Ore. quick ID @ 2:35am, w/WOHO OC/TT. (I felt like calling WOWO and telling them that both their carrier & tone generator worked perfectly & that they didn't need to test them any more, hi). 1/10- WMOH-1450 Ohio fair 1:18am with school closings, lost before a report could be taken; WKRU-1450 Ga. TT on 1:23, then quick ID @ 1:24, on for POP per phone call to station; WXVW-1450 Ind. Herb Jepko Nitecap Show 1:40-2:10am+, school closings given @ 1:58, Al NX @ 2; WKKI-1450 Ill. r/c. I considered MM 1/9 a washout here. Neither of the specials was heard here, & only one new station caught - KEX-1190. Tues. 1/10 was much more productive here with four new graveyarders caught in an hour as compared to the 4 1/2 hours spent at the dial MM. Total heard is now up to 1332, with veries around 700. Re Murphy's Law V.G. (P. 63 of 12/30 DX NEWS), I enjoy SSS, but am now working the evening shift Sun-Fri., plus 8am to noon Sat. Two reports to type up, so - 73. (Hi, Richard - whenever you can, those late 40's items'd be GREAT! Spacing is fine -ERC)

ROBERT WIEN - 945 Desert Isle Drive - San Jose, California - 95117

Well, as a new member of NRC, I feel an introduction is in order. I'm 17, have been a member of IRCA for one year, and a member of NRC for one week, hi. I use a GE TRF Long-Range portable (circa 1962) for my DXing, which I feel outperforms any portable RX I've heard to date. My current totals are about 520/260, 35/34 states & 5/5 provinces. Foreign DX is almost non-existent here, as my best catch to date is HJGJ-1040. Best domestic catches to date include KPQD-750, KEMY-1240, WPRS-1440, WLCK-1250 & WBE-1030. After urging by fellow DXers, I decided to join NRC. I feel it is a more professionally-run Club, although I haven't been through the NRC "winger" yet. I just hope that no bickering goes on between Club members in here. In my forums (whoops, I mean Musings), I like to do quizzes on CBB terms, technical & the like. Here was one I put in an IRCA bulletin a few weeks ago, which I hope NRC members find stimulating. Answers in the next Muse. 1. How many % of NBC network time is sponsored? a) 25 b) 100 c) 50. 2. In what year was the Radio Act introduced? a) 1912 b) 1910. c) 1915. 3. In what type of modulation is amplitude constant? a) FM b) AM c) SW. 4. Which type of wave does FM use? a) reflected b) direct c) penetrating. 5. Biospheric absorption is greatest at a) 1200kc. b) 1400kc. c) 1600kc. 6. Fading generally occurs most with the --- wave. a) air b) sky. c) ground. 7. Which is not part of a triode? a) coil b) plate c) grid. 8. Radio waves travel --- the speed of light. a) faster than. b) as fast as. c) slower than. 9. What is the average length of an AM wave? a) 200 m. b) 300 m. c) 400 m. 10. How high is the nighttime ionosphere? a) 80 km. b) 140 km. c) 400 km. 11. An antenna works best at its --- frequency a) propagational b) sensitive c) resonant. 12. What is the abbreviation for crystal? a) crys. b) xtal. c) xtl. 13. How ... much may a U.S. station drift off frequency? a) +5 -5 hz. b) +10 -10 hz. c) +20 -20 hz. This Muse is two lines over the limit, so I'll just say 73s. (Welcome to the NRC & Musings, Robert! May I respectfully ask you please to double space? Muse often! -ERC)

HANK WILKINSON - 5028 Maiden Lane - Santa Rosa, California - 95405

In looking back at 1977, I can truthfully say it was a good year for foreign CBB DX. If only those radio stations would take a bit of their time to send veries on correct reports! Here, of late, I've been sending PP/c's & enclosing a self-addressed envelope along with mint postage stamps for their use in replying. I would say that best verie received at this den in 1977 was from DYLA-1555, Cebu City, Philippines, on a report of 11/23/77, from 1310 to 1345 GMT. (8:10-8:45am EST -ERC) The v/l is very detailed in the confirmation of my reception report. Power is given as 10kw in letter. Other good veries received during 1977 were BED34 (Ta'wan) & HLKC (S. Korea). Reports out for this season are: ZBY, JOXR, ZNU, JOXX, 4QS, 4VRM, HJKA, TIPJ, HJFT, HOR56, R St. Vincent, KNOM (Nome), Ondas Tropicales-1197, plus three Asiatic Russians. Two fine Hawaiian veries in from KHLO-850 & KNIL-1310, plus a v/c, ming stamps & coin from JOXX. I would like to see some articles in DX NEWS from DXers who have had a high percentage of replies for their reports to foreign stations on MW. Perhaps some of you are doing "something extra" that creates goodwill or desire or friendliness that results in a reply. I don't think that veries are the result of "luck." I am of the opinion that it is a result of "approach" or "appeal." Perhaps some of you have some bit of help or information to offer those DXers who are really interested such as me, Don, Lefty, Gene, Ben, Clarence, etc. 73. (Stan Morss sends canceled U.S. stamps along - ERC)

MOTHBALL MEMORIES

CHAPTER LXIX - CONCLUDING OUR CRUISE WITH ERIC CRUSER BACK INTO THE TWENTIES

Early in February 1924 a storage battery replaced dry cells as the filament supply and the UV199s were replaced with 201As. During trans-Atlantic tests on 11/29/24, while North American stations cooperated by going off the air, faint music was heard on 475 meters - probably 5IT, Birmingham, England. Cortlandt Street, New York City was the "Mecca" for radio fans in those days. My dad would occasionally take me on a junket to New York, where I would feast my eyes on the wonders on display in the shops of "radio row". This, along with the purchase of a new goody, such as a Globe coil, Ambassador coil or maybe a straight line frequency variable condenser made them memorable events. They were good days. One of the old logs, compiled in the twenties, shows a total of 491 stations heard. It included 15 in California, seven in Colorado, three in Oregon, two in Utah, seven in Washington State, four in Mexico, three in Cuba, one in Haiti, and one in Puerto Rico. The receiver used was retrieved from our attic, several years ago, along with a Newcomb-Hawley magnetic speaker and is again operational in my shack. It uses a regenerative detector, with a Simplex three circuit tuner, a straight line frequency variable condenser and two stages of transformer couple audio amplifiers. All three tubes are 201As. It still does a fair job of DXing. Many of these old time broadcasting stations are still going strong with the same call letters and locale, i.e.: WOR, WBT, WLS, WMAQ, WCFL, WCOO, WHAS, WMO, KFI, KHJ, KGO, KFRG, CKAC, CHNS; others like WCRB, once in Springfield, Ill. have lost the original identity and replaced the call of WABC, which had earlier replaced WAHG, the call letters of the station when it was owned by The Alfred H. Grebe Co., in Richmond Hill, an early manufacturer of radio receivers. Despite changes over the years, the thrill of DXing in the broadcast band lives on. My dad's diaries have been of much help in documenting these recollections and I appreciate, more than ever, the help and encouragement I received when the radio bug first bit. A favorite day dream today is to be able to sit down on a cold winter night, with one of today's better receivers and tune across the broadcast band as it was in the twenties. Wouldn't it be great?

NEXT WEEK: WE'LL RELIVE SOME OF THE RADIO CONDITIONS DURING WORLD WAR II WITH NORMAN MAGUIRE. WE'VE HAD SEVERAL PROMISES OF MORE MEMORY COLUMNS, BUT SO FAR, LIKE THE BROADWAY SHOW, IT'S JUST "PROMISES, PROMISES." PLEASE, GENTLEMEN - PUT THOSE PROMISES INTO ACTIVITY AT YOUR TYPEWRITER AND DOUBLE-SPACE YOUR HOPED-FOR WORDS TO US!

ANDREW F. RUDG - 668 De Gaspe - Apt. 408 - Ile des Soeurs, Quebec - R3E 1B9

CX have been quite good lately. And the TRF continues to do an amazing job in this noisy apartment. On 12/31, I sat on 1110 @ SSS, looking for WUPE (and I'm still looking!). After CHPR/WVNH s/off @ 4:15pm, I was pleased to hear much-wanted CKJD fade in with a hockey game. For 45 minutes they completely overwhelmed WBT/WJML, but WBT upsurged after an apparent pattern change @ 5pm. I had to wait until 5:15 for a CKJD ID. And they were in again at SSS on 1/1. On Jan. 2 a scan of the band at SSS uncovered unnn semi-rarities such as CHOK-1070 & CHWO-1250. With Southern Ontario coming in so well, I took a look for much-wanted GJMR-1190. Despite an exuberant signal from pesky WANN, I managed to copy GJMR intermittently from 4:39 to 5 s/off. Another new one was my first "split" on the TRF, Caribbean Radio Lighthouse on 1165. They were in/out from 5:15 to 8:40pm. The first two hours were very dicey because of the slop from WJJD/WVVA. With WJJD off @ 7:44 I returned to find easier copy. I could even hear them in the bathtub! On a big set, it would have been an easy catch, but 'twas much more rewarding to extract him on the TRF. Later, two unID LA's were noted: a "Cadena Radial la Libertad" on 1160 & a "R. Mirante" (?) on 1200. I may be able to ID them later when I dig out my reference material. I'm still pursuing four near-by call changes, namely WRQZ-910, WUPE-1110, CBGA-1250 & WJQB-1440. They remain elusive. Out of curiosity, I checked my logs and found roughly 60 call changes in a total of 1,538 loggings. By comparison, there were about 150 "CPC" programs. A few weeks ago, a Muser mentioned that WRVA-1140 would change its call to WKIE. I think he meant WRGM-1540. No veries and no more news this Muse. 73.

JERRY STARR - WSRD-FM - Youngstown, Ohio - 44505

Greetings from Snow City! Just a few bits & pieces to report as DX has been limited mostly to listening for DX TESTS. Heard were WORX, KOMO, KPDI. On 1/9 WBRM-1250-TEST not heard, but I did notice KLAZ, ex-KALO-1250, using new calls @ 2:25. WCAM-1310 was back like a local @ 2:40 w/gospel mx to their 3:03 s/off-SSB. Still no reply from my Iowa Travelers Radio-1610 report or question in Musings, does ANYBODY have any info on this? (See CARL MANN'S Musing, next page, Jerry! -ERC) I remember well the national Conrad test Mark Connolly mentioned in the 1/9 DX NEWS, I was working at WFRA-1430 (now 1450) at the time. We went to 1240 for the test. Perhaps I can submit a short article on this test if anyone is interested. It was conducted in the early afternoon so it did little for unusual DX. As I recall it lasted for a half hour & since our local was on 1240 there was no chance to hear anything else on the frequency. If anyone is interested in a good source of "top shelf" RXes, I recently got a flyer from Dame Communications, 10 Schuyler Avenue, North Arlington, N.J. 07032 offering many fine rigs such as 51J4 & 51J3/R388 Collins, Hammarlund SP600JX & R390A/URR, some still brand new, others used. They even had a used RACAL 6217E for \$1750 which is about one-third the original cost. If you write, they will send their catalog. They also list one National HR0500, which is a fine but basically undiscovered RX. A note to FM DXers (is that a bad word?) We just received our new 50kw Gates XR & should have it on soon. It is being installed temporarily at our present site until we can get it set up at the new location w/a much higher antenna. Construction of our new building was delayed by WX, etc. Nice to see a front page full of TESTS, I hope they're all widely heard. 73, good DX, ATLANTA in '78!

CARL MANN - 5777 Ridgeview Drive S.W. - Cedar Rapids, Iowa - 52404

Catching up after the holidays my DX to report goes back over a month. The highlights: 12/4 - WUP-1190 SSS s/off 5:02. IDs as "Gulf Radio". They didn't mention the calls or give a legal ID the full 20 minutes' listening, including s/off announcements. Their clock was off two minutes there, too. 12/12 - Rare AM w/WLS off allowing Centro in Bogota through. 12/18 - Excellent weekend. KRAK-1140 coming through the SS nets @ 1:31. HJEV-1140 turned out to be the SS with full ID including call letters @ 2. No previous reports on this so I had to use WRTH on my last Omaha trip to Ernest Wesolowski's. Then MM 12/19 I was successful with TESTs from KVRJ-610 & KTLI-1590 at 4:12 making it. I didn't really hold much hope for either. MM 1/2 on 1240 I thought I had ERIC's Guatemalan as the only readable signals were SS in/out, & 45 minutes later the ID in EE "WEDC, Chicago." Their SS programs sure are Latin radio style. SM 1/8 - Reloj Nacional-600 VID @ 5 but the other SS underneath was // - 630 & 640. There IS only one Cuban here, isn't there? H'mm. I noted Jerry Starr picked up one of our Iowa roadside XRs. I called the Dep't. of Transportation and they had received his report and were quite thrilled. They're thinking of printing up QSL cards now. Only two such XRs in Iowa (Avoca & Davenport, both on I-80) both on 1610, 10 watts. You must get call letters though (given every two minutes) to tell them apart. I hear the Avoca XR on my Omaha trips. The audio is poor but groundwave really gets out. I haven't heard them here yet on my occasional sweeps to the high end of the band. Numerous other LA catches but too outdated to report to IDXDD: really busy over the holidays. The HJEV-1140 Cali catch was the only one that hasn't been reported so far as I know, so go get 'em. Good season so far, but TAs & KORL-650 are still absent. 73.

PETE KEMP - 5 Greenwood Avenue - Bethel, Connecticut - 06801

After an absence from these pages for longer than I care to remember another Muse is in order. This past year has been a busy one for me. First off I've purchased a home (this one without aluminum siding). Because my new location is less than a mile from my previous address I am not going to start all over verifying. While the DX purists may disagree, common sense overrules. I recently received my ham call WB1FZX. Hopefully when the IRS comes through with this year's tax return I'll be able to venture forth and get some gear. After placing numerous telephone calls I can't find any justification for the rumor that Radio Shack is about to discontinue its "TRF" radio. This unit is listed in the '78 catalog & all persons contacted indicate that sales for it are solid. After many years of being taunted by the KRLD banner hanging at all the televised Cowboy games I have finally verified that ten-eighths voice of the South, despite WITC's overbearing signal. There is presently an ice storm going on outside & with no school on Monday this weekend is for DXing. Radio Ridgefield is still trying to get a zoning variance in order to erect a tower, to date their efforts are still being thwarted. More to come. 73 & good DX.

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

Recent veries received here so I am trying to verify the locals & daytimers from Mass and area states. I received a TRF for Christmas & it is as good as they say except when I am trying to get a station that is close to a local Boston station. I tried using a 100' long antenna strung E/W but it helped on some frequencies and not on others. I would have tried it with my other antenna except that it came down in the storm last Monday. Right now we are in the middle of another storm so I will spend quite a bit of time with the dial tonight and hope Friday the thirteenth will not be the wrong day for DX. That's all for now.

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

Reports keep going out, but the veries don't come back. It's discouraging - and expensive! But = it's my life's hobby, so we'll continue to try. My #1 HQ-180 has just been completely renovated by Steve Bohac who added a mixer trimmer, in place of the clock. It works like a dream! It's a great set-up for a southpaw, like me, with the main tuning dial, the antenna tuner, and the mixer trimmer, all on the left hand! DX now, with my #2 HQ-180: 1/10 - "Gran Colombia"-615 in again @ 2:15, quite strong. And Provenca Centrale on 800, o/u three Canadians: CKLW-CJAD, & CJRC, the latter in FF. 1/12 - R. Super-1090 rolling in, & finally, a report was sent. Unns noted: WPOP-1330 ET, IDed @ 2:30. WSCG-1390 atop there @ 2:32, & usually MSP WCSH-970 using TT @ 2:44, & 2:50, WETT-1590 w/pap e/a WKEQ. 1/14 - Rainy, noisy. No sign of WKIV-1450 f/c as in the new list. UnID s/off-1560 w/SSB @ 1:02, just after WQXR's, leaving one more there w/mx, but the noise was too much for IDing anybody, so back to bed. I was reading the IRCA "DX Monitor" while diddling and I saw an item from Nancy Hardy which (to me) requires an explanation. She mentioned "a man reading the Desiderata". What, pray tell, is that? Now, RX #1, on 1/15: WHET-1330, semi-local, advertising "Piggy's Pizza" @ 1:09, but gone by 2. My unID FFC on 1240 w/FF NX 2-2:10 was there again, but he's tough to ID, but I think it is CKBS, La Sarre. Then, bits and pieces of needed WIST-1240, Charlotte, wafted through what was left after CKBS' 0 Canada s/off @ 2:12. MM 1/16 - UnID TT on 1340 @ 1:06, somebody w/c/w bothering WFEA-1370 @ 1:20 but gone by 1:30. UnID Tters also noted on 910 @ 1:42, & 930 @ 1:46. And, I IDed my FFC-1470 today - 'tis Quebec, all-rightie - CKPB, Bagotville, & they s/off @ 3:03am w/o Canada; this time, there's enough for a report. A little more of WIST-1240, but still not enough to send a decent report to them. WITC-1080 was silent & old friend KRLD noted WELZ doing quite well. Around 4am, there are two still unID Sses signing on on 1465a & 1483a - we'll run 'em down yet, hi! I enjoyed a phone call from Doug Allen of Schenectady this past week. Muse, everybody, & C U N 7.

DEADLINES ONCE AGAIN: CALIFORNIA - 2/6. CANADA - 2/13. IOWA, ILLINOIS, INDIANA - 2/20. CONNECTICUT - NEW JERSEY - RHODE ISLAND - 2/27. EVERYBODY MUSE!

CHUCK HAGGINS
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"Okay, a joke's a joke, but this is absurd!!!"