



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

VOL. 44, NO. 3

1 NOVEMBER 1976

Well, as we type this front page, we have no idea what will be inside or how big it will be or when it will go out. The Postal Veterans' Day holiday has apparently delayed delivery of our columns, as it is now Tuesday night and none are received here yet. Thus, if this issue gets to you late, that'll be why.

Membership has levelled off over the past 6-8 months, varying between 710 and 725, depending on when a count is done. The new log is selling faster than we can distribute it (thanks, Teamsters, hi) and we're trying to prepare to circumvent a longer UPS strike. Since a Teamsters strike put their only serious competition (REA) out of business a couple of years back, we may have to rely on NRC delivery. We would like to get a reprinted Antenna Manual out as well as a new, supplementary edition, and pending our financial situation after paying off the new log costs, we hope we can.

Don't forget the new edition of the Pattern Book either — we still have many copies of the edition which became available last winter. And, speaking of pattern books and logs, we do have replacement pages for these if yours is defective. Contact the Publications Center. Note address on back cover for this.

NEW MEMBERS

- * Floyd C. Strohmaier, 4110 40th Ave. So., Minneapolis, MN 55406
- * Conrad Reynolds, 5010 Wildridge, Indianapolis, IN 46256

RENEWALS

N. Maguire, G. Calkin, S. Francis, R. Dimmick, G. Fenderson, E. Kocsan, J. Guthrie, B. Portzer, J. Neves, B. Bartels, M. Bischoff, D. Jarrett, K. Andrews, G. Semko, P. Boersma, R. Baker, L. Barber, D. Monferini.

FLASH TIPS & SUCHLIKE

10/25 - KYME-740 not hrd by RJE. (Would you believe???)

NOTES & c FROM NJPC

ANARC has a listing of members clubs and their publications available for members of member clubs and others. Send a self-addressed #10 size envelope to David B. Browne, ANARC, 557 No. Madison Ave., Pasadena, CA 91101. Canadians must also include 15¢ in MINT Canadian stamps. Out of N.A., it's 4 IRC's.

Clipping in V43 #29 P14 attributed to Tom Fawcett was really from Tom Farmerie. Tnx & sri.

Wayne Heinen notes that KPIK-1580 will finally answer reports. Send them to Chuck Baker, c/o KPIK, Mayfair Hotel, Colo. Spgs., BUT NO FOLLOW-UPS ! NEW REPORTS ONLY!. He notes a large number of substandard reports, some from club members (both clubs), so if you've reported KPIK within the year, maybe you need to watch your reporting practices too.....

New member Larry Fox (38 Emerson Pl., Valley Stream, NY 11580) is looking for a good MW receiver. Anyone having one for sale please contact him.

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

C. P. C. TEST SCHEDULE

MONDAY NOV. 01	- 0300-0330	* KLAD- 960	* Klamath Falls, OR	5000 D	IRCA
	- 0230-0300	* WPHB-1260	* Phillipsburg, PA	500 D	IRCA
	- 0300-	* KVEG- 970	* Las Vegas, NV	500 U	IRCA
	- 0300-0330	* WATZ-1450	* Alpena, MI	1000/250 U	NRC
	- 0530-0600	* KFLA-1310	* Scott City, KS	500 U	IRCA
TUESDAY 02	- 0545-0600	* WNVA-1350	* Norton, VA	5000 U	IRCA
MONDAY 08	- 0000-	* WMVG-1450	* Milledgeville, GA	1000/250 U	NRC
	- 0330-0400	* WEEN-1460	* Lafayette, TN	1000 U	NRC
MONDAY 15	- 0230-0330	* WGLB-1560	* Port Washington, WI	250 U	NRC
	- 0300-0330	* KVRN- 980	* Sonora, TX	1000 U	IRCA
	- 0330-0400	* KLBM-1450	* LaGrande, OR	1000/250 U	NRC
MONDAY 22	- 0300-0400	* KMBL-1450	* Junction, TX	1000/250 U	IRCA
MONDAY NOV. 22	- 0200-0230	* WBOB-1360	* Galax, VA	1000 D	NRC
or TUES. NOV. 23				500 U	IRCA
MONDAY 29	- 0200-0300	* KWVG-1280	* Pearsall, TX	1000/250 U	NRC
MONDAY DEC. 06	- 0100-0200	* WOND-1400	* Pleasantville, NJ	1000 U	IRCA
	- 0200-0400	* WTAW-1150	* College Station, TX	1000/250 U	NRC
	- 0300-0330	* WNAT-1450	* Natchez, MS	500 U	IRCA
MONDAY 13	- 0500-0600	* KBEC-1390	* Waxahatchee, TX	1000/250 U	NRC
MONDAY 20	- 0000-0200	* WDCR-1340	* Hanover, NH	1000/250 U	NRC
1st MM of month	- 0030-0045	* WNEY-1450	* Newberry, MI	1000/250 U	NRC

DETAILS:

KLAD: March mx, Code IDs, pre-paid calls accepted at (503)-882-8833.
 V/s is K. Hunt, CE (WBHCY/7), Box 960, 97601. Arr. Rob Keeney.

WPHB - 1000 Hz tone; country music. v/s Dean Sharpless. Addr.: Box 361, 16866.
 Arr. Jim Hopkins.

KVEG - Will use country music, frequent IDs, and will mention IRCA. Steve Herman will put the program on and air checks can be sent to him at KVEG, Castaways Hotel, 89109. Calls (prepaid) to (702) 735-8644.
 Arr. Karl Raymond.

WATZ - Will use short music cuts with lots of brass; IDs between each music cut preceded and followed by 1000 Hz tone with occasional wowing.
 v/s Ralph Diethelm, Mgr. Addr.: Box 536, 49707.

KFLA - 1000 Hz tone, gospel music, code IDs. v/s Claude Van Horn, CE.
 Addr.: Rte 1, Box 6, 67871. Arr. Rob Keeney.

WNVA - This will be a R/C. v/s William G. Stallard, mgr. Addr.: Box 500, 24273.
 Arr. Jim Hopkins.

WMVG - PoP. Code IDs, TT; V/s: Joe S Boone, CE; Box 519, 31601. Arr: C. Hutton.

WEEN - No Pgm. Details. V/s: Randall Saffer, DJ; Box 160, 37083. Arr: Dabelstein.

ATTN: CPC'ers: Please include Address, Power & "D" or "U" for all Tests so we don't have to spend time at the last minute looking them up! Thanks....

* Phone 703-354-2135 Before 2200 EDT * All Times Are GMT * Deadlines Are Friday *

New stations, changes, skeds, etc.

INDONESIA Some of the proposed high powered stns here are on the air. The following have been noted in New Zealand: RRI Jakarta on 999 khz with 300 kw; RRI Medan on 820 khz with 100 kw; RRI Jember on 965 khz and RRI Surakarta on 974 khz both signing off at 1600; RRI Mataram on 855 khz and an unid stn on 1065 khz. (NZRDXL)

SUDAN The new 1500 kw transmitter at Sennar is due on the air in the near future on 1295 khz. (NZRDXL)

Now, whats been heard

- 525 -COSTA RICA TIGAL R. Rumbo, Cartago, SS talk and pop mx, audio poor w/fades, 0235 on 10/18. (Jones)
- 529 -ALGERIA Ain Beida AA talk and mx, fair but audio above beacon QRM, 0210-0220 on 10/18. (Jones)
- 530 -JAPAN JOQG Morioka 10/18 1157 good ID "Radio QG Morioka" w/NHK pips at 1200. Good sig from 1130 on. Turned on tape at 1157. Didn't think the DX150A could tune that low; but, found it can. Wonder how much lower it can tune! (Lobel) * Noted at 1210 w/OM in JJ. Noce S6 sig on 10/16. (Finkle)
- 540 -MEXICO XENA San Luis Potosi, SLP vy strong w/SS mx at 0225 10/18. (Jones)
- 545 -DOMINICA R. Jumbo, FF, pop mx, vy strong, 0205 on 10/18. (Jones) * 10/9 0050-0105 w/FF mx and amts by man. (Dunn)
- 580 -EL SALVADOR YSZ 10/18 fm 0515-0600 w/MoR mx, bugle "IS" but no amts between songs, s/off 0600 w/NA. (Hutton)
- 590 -CUBA CMW Habana 10/18 1045 strong possibility w/SS plus many time checks. Thought I hrd several "R. Rebelde" IDs. Some KOGO-600 slop. (Lobel) * 10/7 0300 SS mx w/female ID. (Dunn)
- 600 -CUBA R. Rebelde 10/11 0930, ID as "La Voz de Cuba" by male anc. (Dunn)
- 610 -CHINA Unknown location, hrd w/KFRC w/woman in Operatic voice at 1404 on 10/17.
- 615 -CHINA Heilongjiang w/good sig 10/18 at 1048. KFRC off and CC in (Wiseblood) well. Man talking in CC followed by YL at 1055. Few bars of fast inst mx at 1059 and pips at 1100 (5 medium scale and 1 hi) then OM/YL talk again. Sig in well until KFRC back about 1119. (Kaskey) * Unk location, not //610, woman in CC w/talk at 1354 on 10/17. Measured this AM on 615,140 khz. (Wiseblood)
- UNID Oriental hrd S6 1049 on 10/18 w/KFRC-610 off. (Allen)
- 625 -NORTH KOREA Haeju hrd S6 1023 10/18 w/woman anc. (Allen) * //655 w/man giving speech in KK, lots of applause. This was hrd at 1345 on 10/17. (Wiseblood) * Mx announced by a woman in KK at 1249 on 10/16. (Finkle)
- 635 -NORTH KOREA Chongjin hrd S6 1051 10/18 man talking. (Allen) * Fair w/chorus, mx oriental style at 1353 on 10/17. (Wiseblood)
- 640 -CUBA CMQ Habana 10/18 1035 vy clear w/KFI off. Mention of Havana w/many time-checks. S9 sig. (Lobel) * 10/11 0900 nx in SS. (Dunn)
- UNID Stn here that I think is Honduras hrd 10/13 at 0600 s/off, and into anthem that sounded like a childrens' choir singing their school's anthem, lasting about 4 mins. Faded up fm even with to o/KFI, during good S cx, and off at 0605. Right after anthem ended, hrd white noise for 20 seconds, then gone; obviously noise from STL carrier drop at xmtr input, before xmtr carrier cut. Hrd again next 2 nites but not well enough for ID. The first nite CMQ had OG w/no pgm on it. (Foxworth) Sounds vy much like R. Nacional, Guatemala. (ED)
- UNID LA o/u CMQ is slightly auroral cx w/HJ-sounding bouncy vocal mx, dead air between cuts, never any DJ talk even at top of hour. Excellent sig at times, 0557-0702 on MM 10/11. Dunno why I never hrd it before, what is it anyway? (Fader) Most likely YVQO Ondas Portenas, Puerto la Cruz, Venezuela. (ED)
- 647 -RFSR Vladivostok at 1340 on 10/19. (Blocher)
- 655 -NORTH KOREA Pyongyang 10/18 1028 w/male anc in KK. Oriental singing. ID at 1030 by female anc. S6.5 sig w/some QRM. S7 by 1032 and getting stronger. (Lobel) * Noted w/S9 plus sigs on 10/16 at 1254 w/mx annnc in KK. Was so strong that I checked on the car radio and it was armchair copy right above KFI. (Finkle) * At 1341 on 10/19. (Blocher)
- 660 -ALASKA KFAR Fairbanks 10/18 1245 good ID w/time and temp. Had religious pgm on before ID. Faded quickly after ID. My 2nd Alaska logging. (Lobel)

660 -CHINA Unk location, seemed //610 w/high-pitched operatic woman singing at 1409 on 10/17. (Wisblood) * CC speaker noted on 10/16 at 1305 w/vy poor sigs. (Finkle)

674 -UNID Someone here 0342 10/14 w/poor sig, weak standard pops mx. (Hutton)

692 -ENGLAND Moorside Edge (most likely) in w/clear sig at 2240 on 10/11 w/slight QRM fa unid. (Dangerfield)

700 -JAMAICA JBC loud o/u W1W 10/18 fm 0355 to s/off 0405, JBC wx SID, nx, back on at 0429 local time. (Hutton)

-JAPAN JOBB/JOKD //to each other w/man in JJ. The Chinese was hrd under at 1231 on 10/16 w/flute-orchestral mx. (Wisblood)

7064 -SOUTH KOREA H1KA Seoul noted here w/mx on 10/16 at 1215 thru 1330 in KK. Appears //to 880 and 890. Fairly good sig w/QRM from adjacent channel stns. (Finkle) * Measured on 706.700 khz w/man in KK, peaked at S7 at 1238 on 10/16.

725 -NORTH KOREA Unk hrd S6 1025 on 10/18 w/mx. (Allen) (Wisblood)

-SURINAM SRS Paramaribo 10/9, excellent sig 0029-0100 w/mx and annts in Dutch by male. (Dunn)

728 -SPAIN RNE Oviedo, was the best RNE stn at 2307 on 10/13. (Dangerfield)

730 -CHINA (?) Lots of CC talk w/some background mx which sounded like it must have been a theatrical play of some kind. Has Taiwan raised their power on this freq? This hrd at 1412 on 10/17. (Wisblood) No info on power increase by Taiwan, several mainland stns listed, also Sarawak sked in CC on this freq but they should be in EE at this time. (ED)

735 -NORTH KOREA Pyongyang hrd S7 10/18 man talking. (Allen) (Wisblood)

740 -CHINA Fair at 1132 on 10/11 w/woman in CC giving talk. Man in JJ hrd under.

746 -UPPER VOLTA was readable to some extent at 2252 on 10/18 w/African flutes, etc. I'm still trying for a new report, since my report from a year ago has not been answered. At that time, I caught a good s/off, but so far this season, it goes into long fades just before the 2300 closing. (Dangerfield) This now s/off 0000, I've never been able to get any decent audio from this one despite many hours of trying. (ED)

750 -JAPAN JOIB Sapporo 10/18 1005 strong suspect w/nx in EE by oriental accented male ancr. S2 sig w/much QRM. (Lobel) * Good w/NHK2 pgm in JJ at 1130 on 10/11.

760 -HAWAII KGU Honolulu 10/18 0955 strong suspect w/pop mx. No ID hrd. (Wisblood) on hour due WJR QRM. This one was reported last year playing pop mx. (Lobel)

770 -JAPAN JOUB Akita at 1343 on 10/19. (Blocher)

773 -SPAIN San Sebastian excellent 2355 10/11, //854 w/YL talk. As good as any of the Spaniards. (Hutton) There are reportedly several RNE outlets here now, so it would be difficult to determine which was hrd. (ED) (Dangerfield)

791 -FRANCE Limoges hrd clearly at 2245 on 10/11, // to some other RTF stns.

800 -NETHERLANDS ANTILLES PJB Bonaire EE rel pgm at 0200 on 10/18. (Jones)

810 -COLOMBIA HJCY Bogota 10/18 0945 w/many "R. Sutatenza" IDs plus mention of Bogota. (Lobel)

820 -SOUTH KOREA H1GN at 1345 on 10/19. (Blocher)

827 -LIBYA/SPAIN/UNID Libya excellent 10/12 until 0100 s/off, no anthem hrd, bothered by some by 5 hz SAH. Weak EAJI left and now a 2.9 SAH. No trace of Morocco but I don't know what I'm looking for ' what is the International (B) pgm? No luck trying to hear it on either SW or MW. (Hutton) Supposedly Morocco is no longer using this freq, but I can't swear to this. Again, will one of our European members let us know whats going on here, please? (ED)

-UNID A vy strong stn was hrd between 0230 and 0330 on 10/19. A woman was speaking in what sounded like Bulgarian, w/brief intervals of martial mx by a band. I would suspect Bulgaria, of course, and the woman had a "Bulgarian" type voice if you know what I mean. Yet, according to my WRTH, the listed power of the 827 Bulgarian is 50/100 kw, and the hour and pgm style don't jibe. Also, sigs on 10/18 were not coming fm Central Europe. Some seasons back, Sofia used to be good here. (Dangerfield) This has got to be the mystery channel of the season, at least up to this point. Bulgaria has put several high power [redacted] on the air lately, maybe one of them is here. (ED)

830 -JAPAN JOBB Osaka at 1344 on 10/19. (Blocher) * 10/18 0940 w/EE lesson and what to say at breakfast time. Good sig, S5. (Lobel) * Strong briefly o/WCCO at 1121 on 10/11 w/YL in JJ. (Wisblood)

-UNID (Possibly Thailand) Noted fm 1338 thru 1404 o and u/JOBB. [redacted] annts in Southeast Asian lingo and mx, somewhat like CC but more "wailing". (JOBB had SS lessons at the time!). Am going to send a report to Bangkok and see! WRTH says [redacted] outlet on 7115 is // at this time but was vy [redacted] w/only traces of audio, no definite feeling on this. About 2 years ago noted an Asian (Cont)

830 -UNID (Cont) for a couple of mins on here at 1530 after JOBB closed down. It was after sunrise and couldn't get anything definite. Will watch this. (Finkle)

835 -CHINA Nanchang at 1348 on 10/19. (Blocher) * Fair at 1115 on 10/11 w/man in CC.

840 -SOUTH KOREA H1KY at 1347 on 10/19. (Blocher) (Wisblood)

-USSR Spassk Dainiy, 10/17 at 1400 w/series of chimes IS. KGO slop difficult at time. YL noted talking at 1415. (Kaskey)

850 -NORTH KOREA 10/18 0915 strong possibility w/oriental language. XEZF wiped out ID. (Lobel)

-UNID Oriental, perhaps China or HLAU South Korea hrd here at 1029 10/18. N. American QRM looped out - KOA off. Sig was about S5. (Allen) * In like gangbusters u/KOA w/JJ type pgm, man and woman alternately speaking. For some reason I suspect Taiwan again, This was hrd fm 1110-1130 on 10/11. (Wisblood)

855 -UNID Oriental here at 1032 on 10/18, S5. (Allen)

860 -CHINA (?) Hrd around 1115 on 10/11 w/man in CC type language. (Wisblood)

870 -JAPAN JOGB at 1349 on 10/19. (Blocher) * Fair S6 at 1244 on 10/16 w/man in JJ.

880 -GUATEMALA TGJ Guatemala City 10/18 0448 in the clear w/Radio Nuevo. (Wisblood) Mundo ID and promo, then Latin mx. (Forth)

-SOUTH KOREA H1KI hrd here on 10/16 at 1326 in KK, //890. (Finkle) * Noted at 1415 on 10/19. (Blocher)

885 -MALAYSIA (?) Hrd nice carrier here w/some traces of audio on 10/16 at 1332 and later. If 830 was Bangkok seems like this is a possibility. Again, will watch. (Finkle)

990 -UNID LA MM 10/11 0707, w/strong sig, male slow vocal mx, u/WNOX? Never hrd an LA here before and my records are not up to date, so who is it? (Fader)

1040 -CHINA Shanghai noted at 1410 on 10/19. (Blocher)

1106 -LITHUANIAN SSR (Tentative) Finally 10/11 at 0410 nice clear audio up in AFN absence. YL talk in unid language continues until 0413 when back into the mud. This should be the only possibility, at least as far as I know. (Hutton)

1165 -ANTIGUA St. John's, CRL 10/18 0100 noted fair o/TV hum w/Caribbean Radio Lighthouse ID, into rel. pgm w/US adr, s/off and anthem at 0159. (Forth)

1170 -COLOMBIA Cartagena, HJNW 10/10 0428 hrd w/potent sig w/LV de Heroica ID, EST TGs, many mentions of Cartagena. This one often evas o/WVA/KWOO. (Forth)

1265 -ST KITTS R. Paradise 9/4, much fading 0308. Mx w/female vocalist then talk show. (Dunn)

1270 -CUBA CMJG old friend ticker, local-like o/GJCB w/usual garbage commentary on the state of the world, etc. This MM 10/11 0755, pest in aurora. (Fader)

1304 -SENEGAL Stn w/African type mx hrd here on 10/20 until about 2300. Looped Senegal, and had similar pgm to 764 khz. (Dangerfield)

1349 -MAURITANIA Good sig 2359 on 10/17. AA type chanting; almost like a cowboy lament. Seems to run pretty late. (Dangerfield)

1403 -GUINEA Conakry. Finally got a good log on this one. On 10/13 fm 0315-0340 (when I retired for the nite) there was mx w/lots of singing by woman. On 10/14 a man talked in African vernaculars fm 0035-0055, w/occasional musical interludes. Good audio for a change. I sent a report, but am not optimistic about an answer, since I still await a report fm 1962. (Dangerfield)/(Bailey)

1431 -MALI Bamako; 2305, 10/18; native FF male ancr; solo and choral rhythmic singing w/deep-toned drum-like instruments in lengthy selections; stn would be audible a couple of mins, then fade out 4 or 5; //4783 khz; MW freq is nominally 1457 khz and varied 300 hz while I was tuned in; NA and s/off at 2400.

1437 -ENGLAND BBC assumed w/vocals, pop mx 10/12 at 0433 w/not the slightest trace of Albania. (Hutton)

1475 -AUSTRIA Vienna unusually strong w/lite mx at 2330 10/10. Possibly another stn underneath them. (Eckman)

1520 -COLOMBIA Barranquilla, HJLQ 10/18 0727 fair o/unid OC w/R. Minuto ID and Latin mx. (Forth)

1546 -UKRAINIAN SSR Vinnitsa (?). Good sig w/OM possibly in EE 2244 10/10. At 2300 noted an IS (not Moscow FS) which sounded definite Russian followed by YL in unid language. Another stn also mixing in at times - maybe British? (Eckman)

1554 -FRANCE Nice. Regarding my report of French culture pgm noted here on 10/4. This outlet has apparently swapped w/the FC outlet on 1349 according to info fm GPN. Several other French stns changed freq also. If this is permanent, it's going to be difficult to hear French-Inter net on MW anymore. (Eckman)

Thats it. Credits next time - you know who you are anyway. Cx off considerably this past week w/no TAs noted last few days. 73 - DX - REPORT ! ! ! ! ! ! ! ! ! !

DOMESTIC X IGEST



editor.. Wes Boyd
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Girard, Ohio 44420

TEST RESULTS::

1150 WSKW ME NO7 HRD: (Starr--Silly--HWB--SF--Ross--RA--etc.)

changes....via Brian Vernon (now in Manibridge,MB)

630 CB?? BC LPRT..40wt.. Bella Bella

690 ????. Low power rig here, in Skagway, repeats KINY 800. (Range is about 1/2 mile from the xstr.)

r c's

2nd MM: WCAZ 990 (JF--Ross--HJH) KFGO 790 (Ross--JF--HJH) WTCH 990 w/ dt (JF) WNYR 680 tent..(JF) TT only (Ross) WABO 990 TT only (Ross)

2nd. TUE: WREL 1450 (HJH)

2nd. THU: WTKN 1390 w/ 1K TT (JS) KRAB-1590 anncd. f/c..off 0027 (JS)

3rd. WED: WFIX 1450 w/ dt, new time..0300-0315 (JS)

UNHEARDS:

2nd. SAT: KEDD & KCHA (JF)

2nd. MM: WYRN-WGMF-WATS-WELI-WGON-WAGN-WTYM-WDIG(JF)

WMOB-KCAS-WTCB-KWOR-KVOW (Ross)

Now some info by me...

940 WIDG MI Noted 10/21 (3rd. THU) w/ 1K TT & seemed to be f/c 0015-0030

1400 WHUB TN Noted 10/21 (3rd. THU) w/ 1K TT, seemed to be f/c 0105-0115

Dunno if were make-ups, changes, or what!--HWB

sunset & evening

940 WVLU PA 10/13 Poor w/ WFNC in CBM null 1815-1829, IDs,wx, & variety of mx..quick s/off 1829, no SSB (RA)

1380 KAGE MN 10/12 Suprised me, faded up 1930 w/ full s/off & FM plug(HWB)

1580 WESY MS 10/16 At 1930 w/ soul mx, wx & s/off..no SSB (HJH)

midnight to sunrise

590 WARM PA 10/9 Rare here, in/out w/ CMW & CKEY 0230 w/ RR, local ads, IDs, etc. (JF)

*740 WKIS FL 10/11 Fair/alone 0245-0255 w/ EZ MX, ex: RR mx (JF) (HWB)

790 WMC TN 10/20 In WTAR null, u/ WAKY w/ RR mx, local PSAs,0149-0228

+900 UNID ?? 10/11 Loud 0230-0300+ w/ C&W, ID 0300 as CHMM Stereo 97, then wx & temps. for Winnipeg!! What is this thing?? (JS)

930 WHON IN 10/11 Good in WSEV null 0709 w/ RR & local ads (SF)

+++ KWOC MA 10/17 Noted s/off 0100, so no longer is ANING (SF)

*** CKNS ON 10/9 Fair in WSEV null, 0708 ends nx-wx-sx, then full ID for this, plus CKNR 1340 & CJNR 730 (SF) 10/9 S/off 2358 w/ CJNR/CKNR info, but no mention of 930 station, OC left AN (JS)

950 CFAM AB 10/11 Fair u/ WWJ/WBBF mess w/ MOR, 0100 to "Radio Southern MB NEWS" (JF)

960 KFVS MO 10/11 Weak u/ CKWS/WFIR 0010 w/ wx, ID, TC & MOR mx (JF)

CFAC AB 10/11 Fair 0035 w/ C&W mx, ID & MDT TCs (JF)

*980 WAXL MN 10/14 Noted w/ this call 0003 after nx, is background mx, these are also the FM call., ex: WYOO (BV)

1030 KIWO WY 10/9 w/ XEQR, WBZ was off, Relig. to 0103 ID (JF)

1060 CFNC AB 10/18 Weak, but definate ID hrd. 0250, then C&W mx (JS)

+1230 CKMP ON 10/10 S/off 0005 w/ anncd. after instr. Oh Can. (JS) 10/19 Nx thru 0005, sx to 0006 1/2, quick wx w/ "CKMP WX" only mention of call, then sez good morning, to Oh Can & gone (HWB)

1240 WBAX PA 10/20 Atop 0240-0300+, nx-sx 0255-0259. Calls itself "BAX",no use of the "W"..The 0300 ID just sez "BAX", thats a no-no (HWB)

*1280 WGSO LA 10/18 W/ "Gentle Sound of GSO" & EZ MX 0137, Jebko is gone(SF)

1320 KXYZ TX 10/4 Weak, in RS, RR MX, WVOJ QRM, "13-Q" off-0253(HJH) Has been u/ WKTQ almost nitely of late--HWB

1330 WESR VA 10/18 S/on 0559 without SSB, PSA pwr. as 500 watt (SF)

1340 WLAV MI 10/10 Atop 0510-0525 w/ RR & YL anncr. (JS)

1350 WJEB MI 10/11 W/ ET-TT, breal @ 10 sec., 0442 to 0503 off (JS)

+1370 WFEA NH 10/11 O/ WSPD 0340 w/ 15 min. blocks of back to back RR, At 0430 hrd. spots & concert skeds,,,NPS now?? (JS)

*1390 KKOA ND 10/14 W/ this call, ex: KLPM, 0245 w/ RR.."Double K-OA"(BV)
*1400 WICK PA 10/11 Loud 0320-0345+, seems to have dropped DISCO 14, and is now OLDIES, nothing newer than 1958 hrd. (JS)

1420 WAMM MI 10/11 Poor u/ WHK 0024-0027 w/ continuous IDs as ET (SF)

1450 WFMT IL 10/20 Strong 0300-0320+, modulates well for classical mx, so must have some audio processing..no mention of Cicero noted in ID (JS)
WIBM MI 10/9 Fair 0607 w/ RR & Request # (SF)

1460 WBNS OH 10/18 Atop MM pest WPDQ 0313-0315 w/ IDs, pop mx,promos(RA)

1500 WFIF CT 10/15 ET 0033-0035, High & low pitched TT, some counting(KR)

1520 WKBW NY 10/11 Another ET-OC,0204 JX ID..maybe MM Reg. SP now!(JS) I doubt it, noted off twixt 0030 & 0300 several MMs, & even during the week..HWB

+1530 WCRJ FL 10/18 Jacksonville CP on ET w/ mx & OC 0130, off 0217 (JS)
10/18 ET 0215 w/ mx, Full ID 0216 & off 0217 (SF) Mee too--HWB

*1550 KKHI CA 10/19 Still in RS 0435+, NSP now?? (JS)

CBE ON 10/10 & 10/11 Left OC AN,or most of it..off 0430! (JS)

KUAT AZ 10/19 ET-TT-MX, anncd. PoP 0300-0435 s/off, was 20 o/ 9 (JS)

KRGO UT 10/11 In WAAY null & there it was, weak but clear 0219 w/ C&W etc. (SF) 10/11 Strong w/ C&W, TCs, IDs, all thru CBE OC & KKJO OC 0130-0145, was 30 o/ 9, soon will be everyone's pest (SF)

1590 WGGO NY 10/8 Atop 0558 w/ SSB & s/on for #2000 hrd. (SF) Congrats!!
+1600 WAAM MI 10/11 S/off 0100 w/ "Mickey Mouse" theme, log sez AN (JF)

Very strange CX lately, most eastern pests weak/gone leaving lotsa good stuff from the NE-W-SW roll in. Added/taped WWTC 1280, WKAN 1320,WMC 790, etc. 10/20 & 10/21. If CX hold up a few more days it will sure help. Most west coast 50kw boys are rolling in..KNBR 680,KOA 850, KNX 1070, KCBS 740 etc.

REPORTERS:

JS Jerry Stagt

Hubbard,OH

HQ180 Loop

JF Jeff Falconer

Clinton,ON

Collins 51J-4 SM LW

RA Ray Arruda

New Bedford,MA

SX122/ TRF SM

SF Stephen Francis

Alcoa,TN

HJH Harry Hayes

Gouldsboro,PA

Zenith T-0 SM

Ross Ross Hansch

Madison,WI

HQ180 Loop

KR K. Rychalsky

Bridgeport, CT

BV Brian Vernon

Manibridge,MB

DX150 SM LW

HWB Me

Girard,Oh

HQ180 Loop

ATTENTION, ATTENTION: THIS TIME THE FICKLE FINGER OF FATE GOES TO ME, RJM. WHEN WE LISTED THE DOMESTIC OX'ER OF THE YEAR I GOOFED!!!! THE AWARD AT THE CONVENTION PRESENTED BY FRANK DAILEY AS LAST YEAR'S WINNER IN WES' ABSENCE WAS

DAVE McCOURT

NOT HARRY HAYES, AS ANNOUNCED HERE. I HAVE NO EXPLANATIONS SAVE THAT I LOUSED UP. APOLOGIES TO THE REAL WINNER, AND ACTUALLY PROBABLY A LARGER ONE TO HARRY, WHOM I NOW HAVE TO RENEG ON AS THE WINNER, WHO WAS REALLY A RUNNER-UP. THAT'LL TEACH ME TO DO SOMETHING WHEN I'M NOT 100% CERTAIN BY MEMORY.

DUE TO THE OVERWHELMING LACK OF MATERIAL FOR THIS ISSUE, WE ARE RE-RUNNING OUR LATEST REPRINT LISTS IN THIS ISSUE FOR THOSE WHO MAY BE INTERESTED. THIS LISTING IS UPDATED THROUGH SPRING 1976. Articles appearing after that time will be contained in a new listing in early 1977.

ADDITIONAL NOTE: Due to an inordinate USPS delay in getting Mings to HQ, this issue goes out a bit late.....

NRC REPRINT LIST

PAST ARTICLES FROM DX NEWS

ANTENNAS

- A3 HIGH PRECISION DIRECTION FINDING ON THE BCB, PARTS I & II, G.P. Nelson. Part I uses Maxwell's Equations to derive the equations describing MW direction finding with a loop antenna. Part II is a nontechnical discussion of how loop antennas operate on the BCB and how to get the most out of a loop.
- A4 A ZERO SHARPENING DEVICE FOR A BCB LOOP, T. Holmes. If you're having trouble obtaining sharp nulls with a standard loop, this simple device may help. The 1965 forerunner of the Pattern Controlled Loop.
- A5 A VERSATILE LONGWIRE ANTENNA COUPLER, R. Foxworth. How to get the maximum amount of signal from your longwire.
- A7 ROLL YOUR OWN (LOOP THAT IS...), D. Fischer. Loop won't tune the entire band? This article describes what's wrong and how to cure it.
- A13 LOOP DISTORTION: WHY GET SKEWED, G.P. Nelson. Discusses the origin of distorted DX loop patterns. Unique technical material not available elsewhere; a must for those interested in designing MW loop antennas.
- A14 PATTERN CONTROLLED LOOPS, PARTS I & II, G.P. Nelson. Introduction to the theory and practice of pattern controlled and cardioid loops for the BCB DX'er.
- A18 THE FLORIDA BEVERAGE, J. Conrad. Jerry describes his own results with a Beverage antenna and compares it with others he's used.
- A19 THE CARE AND FEEDING OF THE WAVE ANTENNA, J. Starr. Practical construction hints for a Beverage antenna.
- A20 DOWN TO EARTH GROUNDS, G.P. Nelson. Hints on making a low resistance ground connection for terminating a Beverage antenna.
- A22 A CALIFORNIA BEVERAGE, Fr. J. Pejza. Another article describing the spectacular results obtained with a Beverage.
- A24 THE SUPER SIGNAL SNATCHER, D. Fischer. This article describes the theory of the Beverage antenna. Includes equations, tables and many diagrams.
- A25 THE VERTICAL PICKUP PATTERN OF THE MW LOOP ANTENNA, G.P. Nelson. Helpful information for those doing horizon blockage experiments with a loop antenna.
- A26 USING TWO LOOP ANTENNAS TO GENERATE ASYMMETRICAL RECEIVING PATTERNS, M. Levintow. Shows and describes a simple way to skew your loop antenna's pattern to effect a null that will permit reception of a station impossible to receive on a figure-8 loop antenna by itself. Reading of reprints #A13 and #A14 are a requirement for the understanding of this technique.

- A28 A NEW MEDICAL BREAKTHROUGH FOR LONGWAVE TA'S, C. Clayton. Instructions on how to build an inexpensive loop antenna for LW. 9
- A29 REVIEW OF THE DYMEK DA-3 ANTENNA, Peter Taylor, with notes by R. Edmunds. Evaluates this recent development in BCB antennas and its application to MW DX'ing.
- A30 MORE ON BEVERAGE ANTENNAS, W. Boyd. An update on Beverage antenna theory and applications.
- A31 AN FET LOOP PREAMPLIFIER WITH COAXIAL OUTPUT, James V. Hagan. This article describes a highly effective balancing amplifier for the air core loop, usable with unbalanced receiver inputs, and featuring power tapped from the receiver and switchable attenuation controls to prevent overloading.
- A32 A WHIP ANTENNA COUPLER FOR USE WITH PORTABLE RECEIVERS, J. Hagan. A simple construction project to inductively couple a whip antenna to the internal ferrite rod in many portable multiband receivers.
- A34 NEBE: THE NEBRASKA BEVERAGE, D. Fisher, C. Dabelstein, R. Mitchell. A discussion of the Nebraska beverage and the results of its use.
- A35 THE LSCA-1, R. Schatz. Complete construction plans for building the Loop Sense Cardioid Array. NOT A PROJECT FOR BEGINNERS! This antenna system is complex to build and operate. Should yield a unidirectional receiving pattern if operated properly.
- A36 A GOOD LOOP IS EASY (AND CHEAP) TO MAKE, J. Tull. Construction plans with photographs for a simple loop-amplifier system.

STATION LISTS

- L2 FREQUENCY CHECK LIST, J. Fela. Many US stations run equipment tests at regularly scheduled times and dates; this is a listing of frequency checks that will permit many new domestic loggings. Latest edition available.
- L6 THE CUBAMAITIEN LIST, R. Schatz. A list of the MW stations in Cuba, Haiti and Jamaica.
- L7 DOMINICAN REPUBLIC STATION LIST, C. Objio. A listing, including addresses and schedules of the stations in the Dominican Republic. Latest edition available.
- L14 BEACON STATIONS, Compiled by Finlands DX Club and the NRC. Listing of CW aircraft beacons operating on or near the Medium Wave BCB.
- L15 THE TICA-TECA LIST, R. Schatz, K. Simon, G. Hauser. A list of stations on the BCB in Belize, Guatemala and Costa Rica.

RECEIVING EQUIPMENT AND TECHNIQUES

- R1 SPURIOUS SIGNALS & SPURIOUS SIGNALS REVISITED, R.J. Edmunds and G.P. Nelson. Many MW DX'ers hear stations on frequencies where they don't "belong". These articles describe the causes and cures of spurious MW responses. Especially valuable if you've got powerful local stations nearby.
- R2 SINGLE SIDEBAND RECEPTION ON THE BROADCAST BAND WITH MECHANICAL FILTERS, G.P. Nelson. Few commercial receivers covering the MW band have adequate selectivity to cope with BCB interference - especially in the presence of powerful local stations. This article explains in great detail how to fit mechanical filters to an existing receiver for the ultimate in adjacent channel rejection. This technique is widely used by many top MW DX'ers.
- R3 SUBAUDIBLE HETERODYNES ON THE MW BCB, G.P. Nelson. Details on a technique which permits the MW DX'er to detect and characterize signals too weak to be audible at the time; also allows the DX'er to count the number of stations on a channel, even if no programming is audible and permits direction finding on channels with several stations present.
- R5 THE TRACKING PROBLEM AND HOW TO CURE IT, G.P. Nelson and T. Holmes. Many excellent receivers are poorly designed for MW DX operation; this article describes one of the most common design faults and how to cure it. Very useful if you have strong locals.
- R6 ELECTRONIC VERNIER TUNING, R. Moore. Detailed instructions on how to fit a varactor to a MW receiver to provide fine bandspread tuning.
- R7 MECHANICAL FILTERS FOR THE HQ-180(A), J. Starr. Complete details on the conversion of the popular Hammarlund model HQ-180(A) receiver to mechanical filter operation. Order with reprint #R2.
- R12 AN INEXPENSIVE METHOD OF FREQUENCY MEASUREMENT, P. Taylor and R.J. Edmunds. How to measure the audio frequency heterodyne from which a station's frequency can be determined.
- R14 UP THE CARRIER, W. Bailey. Dig the weak DX out of the mud with exalted carrier reception.
- R15 PRECISION FREQUENCY MEASUREMENT, R. Schatz. How to use the frequency counter; an instrument now within the DX'ers budget.
- R17 THE FMS-3 FREQUENCY MARKER STANDARD, R. Foxworth. A review of this device's operation, how to make proper connection to the DX receiver and modifications incorporated by the author to permit full use of the unit's capabilities.
- R18 SINGLE SIDEBAND RECEIVING ADAPTERS, T.R. Sundstrom. How to sharpen your receiver's IF bandpass by employing a B&W # 370 receiving adapter.
- R19 REVIEW OF THE AUTEK Q-BOX, T. Sundstrom. Describes the uses of this new noise-filtering device and its applications in MW DX.
- R20 REVIEW OF THE HEATH SB-620 SPECTRUM ANALYZER, R. Foxworth. A comprehensive and detailed analysis of the unit's operation and uses as related to MW DX'ing.

DOMESTIC DX

- D3 CANADA'S WILDERNESS RADIO: THE LPRT, P. Taylor. In depth study of those 20 and 40 watt Canadian stations that you hear, but don't understand. A must for the domestic DX'er.
- D4 WHAT IS A PRESUNRISE AUTHORIZATION?, R.J. Edmunds. Some US stations are authorized to operate with powers such as 14.3 watts during certain hours; this article explains why.
- D6 CLEARS AND CLASSIFICATIONS, M. Collins. Explains how the FCC allocates channel assignments and station power in accordance with the NARBA treaty.
- D8 NIGHTTIME LISTENING, M. Collins. A variety of programming can be heard on the high-powered clears which cover most of the nation at night.
- D9 NETWORKS, M. Collins. Explains how the 4 major networks operate.
- D10 THE NSP SITUATION, J. Starr. A look at this problem from the broadcaster's side of the fence.
- D11 DX FROM THE TWILIGHT ZONE, P. Sullivan. For various reasons some stations are audible only at sunrise or sunset. This article tells the reasons.
- D13 GRAVEYARD DX, R. Foxworth, with additional by M. Levintow. This article tells you how to DX those cluttered local channels and get results.
- D14 CANADIAN FAMILY LIFE, J. Oldfield. Describes the operations of Canada's "twin" and "triplet" stations.
- D15 HELPFUL HINTS FOR IDENTIFYING HARD-TO-HEAR STATIONS, A. Davenport. How to beware of mis-ID's in domestic calls.

FOREIGN DX

- F3 PORTUGUESE FOR DX'ERS, R. Schatz. Describes the important and unusual features of this language; a must if you DX Brasil.
- F5 HUNTING THE LATINS BY MUSIC, R. Schatz. Describes the various types of Latin American music indigenous to various countries and tells how to ID LA's using this information.
- F8 BOTTOM DX, C. Freeman. Quite a number of stations operate below 540 kHz. This article lists these stations and tells how to modify your receiver to hear them.
- F9 ABOUT THOSE COMMON WAVES, R.J. Edmunds. European Common Wave channels feature dozens of stations in different areas carrying the same programming. This article explains how and why, and the significance for the DX'er.

- F10 TRANSPACIFIC RECEPTION DOES EXIST, J. Murley and G.P. Nelson. A highly experienced West Coast DX'er gives a full rundown on how to hear, identify and QSL Transpacific stations; much practical information.
- F11 DX'ING POLYNESIA AND BEYOND, J. Murley. Very detailed account of the stations in the Pacific that can be heard in North America.
- F13 THE ODDS ON EVEN TA'S, R. Schatz. TA's can be heard on some of our 10 kHz channels; find out which ones & when to listen.
- F14 DX'ING RARE AFRICANS.... SYSTEMATICALLY, P. Taylor and R.J. Edmunds. A country by country rundown of where and when to listen for the hard-to-hear stations in Africa.
- F16 BROADCASTING IN CUBA, R.F. Schatz. Are you confused by the broadcasting situation in Cuba? This article will help.

MISCELLANEOUS ARTICLES

- M2 LOCAL SIDEBAND SPLASH: HOW MUCH IS TOO MUCH?, G.P. Nelson. Many MW DX'ers complain about certain local stations "overmodulating" and producing undue amounts of QRM. This article describes the federal regulations which govern permissible sideband radiation on the MW band; also describes certain types of station-originated spurious radiations.
- M3 MODULATION ARCING, J. Starr. Explains a frequent, but rarely discussed cause of BCB interference originating at the station that can wreck havoc on the MW band.
- M4 SUNRISE-SUNSET TABLES, G.P. Nelson. These charts permit the DX'er to determine accurate time of sunrise or sunset at any point in the world on any particular day. Very useful for international MW DX'ers.
- M5 QUASIMONTHLY PATTERNS IN ATYPICAL MW DX RECEPTION, G.P. Nelson. A large body of data on TA reception gathered by R. Wood in England. Information is analyzed in an attempt to prove or disprove the "Lunar Phase" theory.
- M7 UNRESTRICTED RADIATION, G.P. Nelson. Discussion of carrier current and other restricted radiation stations; how to hear 'em.
- M8 RF POLLUTION, G. HAUSER. General discussion of the radio interference problem and steps necessary to control it.
- M9 PATTERNS, PARTS I, IIa AND IIb, P. Hart. An understanding of the directional antenna patterns used by North American MW stations is vital for the active domestic DX'er. This series of articles explains in authoritative detail what patterns mean and how the DX'er can fatten his log by understanding them.
- M11 GREAT CIRCLE COMPUTER PROGRAM, P. Sullivan. A simple FORTRAN program for calculating the bearing from your location to any radio station.

- M14 GREAT CIRCLE BEARING ALGORITHM, D. Fischer. Procedure for calculating bearings from one point to another, when given the latitude and longitude of each. A FORTRAN program included.
- M19 VERTICAL PATTERNS OF MW TRANSMITTING ANTENNAS, C. Lucas. A more mathematical treatment of vertical patterns. Includes graphs.
- M21 SIMPLIFIED GREAT CIRCLE COMPUTATION, D. Fischer. Similar to reprint # M14.
- M22 EASY DX CALCULATIONS, D. Fisher. More computer calculations for use in DX direction-finding, but on a simpler scale.
- M23 TELEPHONE FEEDOUT FOR DX'ERS, W. Boyd. Tells how to use your phone to play DX for others. Useful in ID'ing stations.
- M24 A HANDY ZIP CODE INDEX, W. Murphy. This guide gives the DX'er a quick reference to identify geography by means of Zip Codes. If you hear a Zip mentioned over the air, but no location, this guide will help you to narrow down the possible stations you are hearing.
- M25 TERRITORY GEOGRAPHICAL DX, D. Fisher. This article outlines several different "plans of attack" for the DX'er interested in systematically increasing his station totals.

PROPAGATION

- P1 MEDIUM WAVE SIGNAL PATHS, PARTS I, II, III, IV, G.P. Nelson. Discusses great circle paths, seasonal adsorption patterns, auroral effects and the Midwinter Anomaly.
- P2 SOLAR CONTROL OF DAWN E BLANKETING ON THE MW BCB, G.P. Nelson. Explains how the position of the sun controls the fadeout time of TransAtlantic and TransPacific stations.
- P3 EAST-WEST SYMMETRY AND THE FADE-IN PROBLEM, G.P. Nelson. Considerations of solar control of fade-in times for MW stations.
- P4 SUMMER RECEPTION ON THE BROADCAST BAND, G.P. Nelson. First article describing the seasonal patterns in solar terminator location which makes summer MW reception from deep South America and Africa possible. A must for the international MW DX'er.
- P6 AURORAL EFFECTS AND THE 1969 TRANSATLANTIC LISTENING TEST, G.P. Nelson. Brief, but simple description of how the geomagnetic and auroral phenomena control TA reception from various stations. Best general introduction to MW auroral effects.
- P7 THE AURORA OF NOVEMBER 6-9, 1970, G.P. Nelson. Traces a classic MW auroral attack from its origins on the sun to its effects on MW reception; a must for understanding the auroral effects on the Medium Wave band.
- P9 SKYWAVE OR GROUNDWAVE RECEPTION?, G.P. Nelson. How to tell whether the signal from a station you are listening to is arriving via a skywave or groundwave path, or both.

- P10 A BEGINNER'S GUIDE TO THE IONOSPHERE, Fr. J. Pejza. Radio wave propagation is influenced greatly by the conditions in the ionosphere. This article explains the processes which change the ionosphere and the effect of these changes on radio waves.
- P11 THE LIMITS OF MIDDAY MW DX, G.P. Nelson. Comprehensive article describing the factors which influence radio wave propagation and reception during the late morning and early afternoon hours.
- P12 LIMITATIONS IN THE USE OF THE A-INDEX, G.P. Nelson. While the A-index is a valuable tool for MW DX'ers, it is easily misinterpreted. This article shows why.
- P13 BCB RECEPTION DURING PERIODS OF HIGH AURORAL ACTIVITY, G.P. Nelson. Describes the author's research into the effects of the Aurora on MW propagation.
- P14 SKYLINE BLOCKAGE, Fr. J. Pejza. Mathematical derivation of the formulae needed to calculate the effect which the terrain has on signals.
- P15 SKYLINE BLOCKAGE, SOURCES OF UNCERTAINTY, G.P. Nelson. Takes into account the possibility of signals propagating by some less common modes which are subject to blocking by the horizon.
- P16 HORIZON BLOCKAGE: CAN FRESNEL DIFFRACTION BE IGNORED?, G.P. Nelson. No, it can't. This article shows how signals which should be blocked by the horizon can sometimes be heard.
- P17 TRANS-POLAR DX RECEPTION, R.J. Edmunds. Are you looking for Asian DX more exotic than Urumchi-1525 kHz? This technical article relates to the trans-polar reception of Central and Eastern Asiatic stations at sunset in North America.
- P19 OBSERVATIONS OF TRANSATLANTIC MEDIUM WAVE RADIO SIGNALS, C. W. Bailey. The results of lengthy surveys of Trans-Atlantic receptions made over a one-year period.

RECEIVER REVIEWS

- RR4 HEATH GR-78, R. Schatz
- RR5 BARLOW-WADLEY XCR-30, M. Hardestef

UPDATERS TO THE NRC DOMESTIC LOG AND PATTERN BOOK

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UPB A year's set of updaters to the NRC PATTERN BOOK is available to members for a flat fee of \$1.00; non-members \$2.00

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January, 1976

- A37 THE WEDGE ANTENNA, C. Wolff. Plans for construction of a revolutionary alternative to the four foot box loop for those with limited space.
- A38 A STURDY AND EFFECTIVE FLOOR STAND AND MOUNTING ARRANGEMENT FOR LOOP ANTENNAS, M. Maloney. Still another method for mounting air-core loop antennas.
- RR7 A REVIEW OF THE NATIONAL NC-200 RECEIVER, C. Wolff
- RR8 A REVIEW OF THE ARN-6 SURPLUS RECEIVER, T. Krakow
- RR9 A NON-TECHNICAL REVIEW OF THE WORCESTER LONG-DISTANCE RECEIVER, J. Starr. A user's critical commentary on this revolutionary receiver.
- R21 THE WORCESTER LONG-DISTANCE AM RECEIVER, J. Worcester. A stage-by-stage description of the construction, theory and circuitry of a new type of AM DX receiver.
- R22 BUILD YOUR OWN AUDIO FILTERS, P. Sullivan. A somewhat technical theory and construction article on inexpensive homebrew audio filters for the DX'er.
- M26 DX'ING FROM THE OUTER BANKS OF NORTH CAROLINA, M. Levintow. A survey of daytime midsummer reception from the East Coast of North Carolina.
- L16 NBC SKED INFO, D. Burns (1975)
- L17 THE 1230 KHZ DOMESTIC STATION LOG, D. Lewis. (1975)
- L18 A SURVEY OF LA SPLITS (UPDATED), R. Schatz. (1975)
- L19 MEDIUM WAVE STATIONS IN ITALY, D. Monferini. (1975)
- F19 A EXPEDITION TO COLOMBIA AND PANAMA, C. Objio. Account of a DXpedition through parts of these two countries.
- F20 DX'ING IN THE FAR EAST, P. Taylor. Account of DX from various locations in the Far East.

foreign dx achievements

editor: Norm Maguire
2877 Kalakaua Ave. Apt. 703
Honolulu, HI. 96815

DXer	Location	T.Y.	CTB	FOR.	Oceania	Best
N. Maguire	Hawaii	2871	57	421	85	WVUQ Solomon Is. 690 1kw
G. Allen	California	2862	60	531	90	ZKO Austr. 1410 500w
R. Schiller	Florida	1851	84	339	--	
E. Wesolowski	Nebraska	1786	24	156	7	4YA N.Z. 780
F. Whesler	Pennsylvania	1685	23	188	2	1YA N.Z. 760
R. Sperry	Connecticut	1669	42	249	2	KHON Hawaii 1380 ?
C. Freeman	California	1553	63	363	62	2VM Austr. 1530 500w
R. Anderson	Virginia	1445	103	511	48	5HU Austr. 500w
A. Rugg	Quebec	1441	60	1347	--	
D. Reynolds	California	1398	80	476	44	9PA Papua 1250 2kw
A. Imprescia	New York	1286	67	93	4	2YB N.Z.
B. Reynolds	Missouri	1092	28	121	2	2NA Austr. 1510
R. Pistek	Illinois	1000	31	108	1	ZCO Tonga 1020
H. Gustafson	Illinois	842	100	296	60	2BE Austr. 1480 100w
B. Dangerfield	Pennsylvania	417	115	340	8	2EL Austr. 740
H. Wilkinson	California	388	69	364	53	WXLE Canton Is. 1385 250w
H. Robie	Massachusetts	262	69	147	--	
W. Powis	New Zealand	242	20	181	116	WXLE Canton Is. 1385 250w
P. Mount	New Jersey	212	6	24	--	
B. Karchevski	California	204	8	29	6	N. Tarawa 844
D. Bartek	New York	23	1	1	1	
C. Barnes	Texas	10	1	0	0	

Sorry for missing the past two months, but have been having trouble with my eyes. Hope they have stabilized now. Welcome back to Paul Mount. Wish more of the old DXers would give me their totals, as it looks embarrassing to head the list when we have many DXers in the Club with better totals. Next issue, South America totals and best verie. Will return to ranking DXers by continent starting next issue. Gives more variety. 73 and Aloha.

NOTES &c FROM NJPC

Tom Farmerie notes that he will be in Trinidad all of December, and would be interested in doing a parallel monitoring experiment with anyone else interested. Contact him for further info at: 15165 rue St. Hyacinthe, Ste. Genevieve, PQ H9H 1E7. Tom also notes he has 370/ O.S. computer time. Perhaps some members have some DX-type correlations, analyses, etc.

WRTH 1977!!!!: Thanks to Gilfer Associates, we will be able to offer the 1977 WRTH at a discount price thru the NRC. Copies will be mailed individually, as available (February, target date) at \$8.45 per copy. The retail list will be \$10.95, so this is a real savings. Send your orders with checks payable to NRC to the Publications Center by January 1, 1977 !

Paananen/Paulsen Corp., editors of the Travelers' Radio Directory reviewed recently in DX NEWS by John Callarman, have made a special offer to NRC members: Copies will be made available to us at a cost of \$1.00 per copy (retail list is \$3.00). Orders for these books should be placed with the Publications Center also no later than January 1, 1977! Shipment may be expected shortly after that time, as we will be submitting a bulk order.

musings of the members

editor: Ernest R. Cooper
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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, the publishers, or the National Radio Club.

GARY ATKINS - 2200 West Burnett Avenue - Louisville, KY - 40210
Well, things are slowly getting back to normal here in LAD Land. The Convention was fantastic and we are pleased that everyone enjoyed his stay here in Derbytown. It was a pleasure meeting ERC, Jerry Starr, Charles Wolff, Eric Rittenhouse, Ray Arruda and the many others in attendance. It was also nice seeing former LADS Jim Lovell, & Dan Phillips again. Too bad Larry Clwles and Jerry Conrad couldn't make it for it would have been the first time that all who have been known to DX from this area had ever been together at one time. I have been spending much time on (don't want to say this too loud so I'll whisper it) the SW bands, so now ECB DX here is minimal, to wit: 9/13- WKRM-1340 heard amidst the jumble @ 1:15am. 10/10- WRIN-1560 s/off @ 7:13, WTQX-1570 s/off 7:15. 10/11- KNBI-1530 Norton, KA, w/TT 1:15, WAMC-860, Pittsburgh, ending Tx/T (?? -ERC) @ 2:10 & finally, thanks to a tip from Wes Boyd's column, KRGO-1550 Utah w/c/w @ 2:45 & in the clear. The Arabic station on 529 has been putting in quite a signal here lately & I assume that it's //-548 which is causing the loud het against 550. The accomplished international DXers should have had a field day this week as I've been hearing loud hets all over the place & I usually don't notice them. Since I still, after 14 years of DXing, haven't perfected the art of pulling audio out of these hets I didn't fatten my log as much as I could have. Boy, you talk about a mint SP-600 going to waste, but I still have fun logging my domestics. 73.

STEPHEN FRANCIS - 1620 Lodge Street - Alcoa, TN - 37701
Hi! DX: MM 9/20- 2:30-2:48 WRIB-1220 noted testing in WGAR silence w/TT & code IDs. Verie in from NRC'er Craig Healy says "When I didn't hear WGAR on, I thought a test might get some response." Which means the man interrupted his own DXing to go out in the middle of the night to do a favor for somebody else. Thanks again, Craig! MM 10/4- YVLH-650 fair o/w WSM OB @ 5:02 w/NA & s/on, lotsa local spots followed. 10/8- The TRF surrendered its 2,000th in the form of WGGO-1590 NY @ 5:58 s/on-SSB. They're only the second NY regional to penetrate the 6am OSA mess here, WEHH-1590 being the other. By the way, consistent monitoring of WGGO this week reveals they always start the SSB by 5:58 & the s/on announcement often beats all the other daytimers' SSBs, so give 'em a try. MM 10/11- XKEP-1060 is the only possibility for the "L. Hora Nacional" noted @ 12:45 fair/good w/KYW, though some sources have listed them as inactive. Utah #2, something I'd given up hope for, bagged w/ex-daytimer KRGO-1550, weak but clear in WAAY's null @ 2:19 w/c/w & spot for Salt Lake City GMC dealer. Thanks for once, FCC!

MIKE KING - 6541 Anvere Boulevard - Jacksonville, FL - 32210
Well, the big news here is that WEKI will start operation on MM 10/18 (or they're supposed to). (Frequency? Location? -ERC) I had many responses to my question concerning the Radio Shack TRF. I would like to give thanks to Ed Gehringer, Albert Lobel, Tim Benko, Mike Maloney, Bill Feidt, & Mort Meehan. Thanks fellows for all the info. The comments were so great, in fact, that I did buy one in the middle of August & the DX picked up greatly. On the way of DX, 28 newies have been heard since last Muse; only seven in September. School is taking up my time. That Geometry is rough - and football, too. DX is not interesting though - mostly locals. Only one verie, WBT after a long wait. They sent a v/l & v/f. I also received my NRC T-Shirt on 10/12 - it's very nice! Before I go I want to give my congratulations to Ernie on his 30

(King) years' service. I hope to get back to DXing during October. Current totals are: Heard 347; verified 78. States, 28/23, provinces, 1/1 Till next time, 73s & the best of DX to one & all.

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

After a very productive TV & FM Summer DX season, I'm about ready to settle down to yet another season of BCB DXing. This will be my eighth season of BCB DXing & my first from this new location. This location is exactly 5.6 miles S of the old location. Therefore, no new DX totals will be started. This location, from the way I can see it now, will offer only one possible DX advantage. That is, I am very close to the null of WIND-560, whose XRs are about 1 1/2 miles NE of this location. Some nights I can DX adjacent to their frequency, which was impossible from my other location. They could be a hindrance too, as sometimes they will play tricks with the whole band width from 540-600k. For your general information WIND is listed as a Chicago station, but their XRs are in Indiana right off I-80 and Gline Avenue. They are officially located in Gary, IN, as they actually were a Gary station back till the late 40's. I finish this Muse now, so I can have enough to say for another one in the near future. 73 & good DXing to all.

DAVID BALL - 62 Lexfield Avenue - Downsview, ON - M3M 1M5

The following Muse will introduce this erstwhile IRCAn to NRCers. Well, after two years of membership in IRCA, I've finally given in and joined NRC (Applause, hi). This Muse, therefore, will introduce me to the NRC membership. I'm 18 years old & a Freshman in Commerce & Finance at the University of Toronto. I've been involved in DXing since 1971, seriously since the Fall of '74 when I joined IRCA. I'm also active (more or less, hi) in SWBC & a member of KASNA. The RX here is the ubiquitous DX-150A, used with an SM-2 for MW. Totals so far are 341/217 36/34, 8/8, 19/14; not exactly impressive but hopefully soon to improve. I'm interested in both foreign & domestic DX, but so far I haven't found the DX-150A too great on TA splits, with only 1586, 1554 & 1466 positively IDed here. Best foreign catch is R. Reforma-860. Some of my better domestic catches are CHNM-740, KAJN-1560, WETJ-1380, GFRY-920, XTJS-1420 & WBSG-1550. So far no new DX to report this season, due to lack of time but with the approaching sunspot minimum, CX should be good. In reference to recent comments about setting up a ham net, I'm looking forward to maybe getting my ticket later this year, so I'm all for it! Best thing would be a phone net, so that non-licensed NRCers (and others) could readily listen in. Any correspondence about MW/BCB/SWBC DX, ham radio, etc. is welcome here. 73s & Blue Jays in '77! (Welcome to "The Big Leagues", David, and we hope you'll Muse often! -ERC)

ROBERT GALERSTEIN - Room 111 - Ryora Hall - Ohio U. - Athens, OH 45701

Hello again, everybody! I'm in the SE corner of Ohio now, a Freshman at Ohio University. Naturally, CX are much different than in Long Island. Oh yes, I couldn't make it to the Convention, but I was at Foxy's back in July. It was great meeting everyone for the first time, except for Shaft, who is always an experience meeting, hi. Here, I'm working for WOUB-AM-FM-TV. I don't believe WOUB-AM is AM, so I'll check out the possibilities of a TEST. No DX to report on, as all I have here is a car radio, converted for dorm use, hi. If any of you have heard WBPZS, give me a shout. The eye of Hurricane Bella passed over my area, and among the stations already listed, I noted WICD-600, Bridgeport, CT, on past their usual s/off time of midnight. I didn't do BCB DX during the storm - instead, I was on 29 meter phone (ham band). I kept on going till the electricity went out, whereupon I went downstairs to help mop up the wet basement, hi. The EW lived to DX another day, & so did I (luckily!) The four element TRF-band bean put up only four days before. That wraps it up from here. 73. (His call is W2VGO).

YOUR MUSINGS EDITOR LIKES TYPING THIS SECTION, SO YOUR CONTRIBUTION IS NOT ONLY WELCOME, BUT IS MUCH SOUGHT! LET'S GET THIS SECTION BACK TO WHERE IT HAS BEEN IN YEARS PAST! TELL US ABOUT YOUR DX, DAY BY DAY, BY CALLS AND FREQUENCY AND TIME! THIRTY LINES IS THE LIMIT! MUSE NOW!

JEFF COHEN - 68 Sumner Avenue - Stoughton, MA - 02072

By the time you read this, I will be living somewhere near Jackson, MI. My totals here for a full year of DX are 527/140. To avoid hassles I will make three logs, one each for Stoughton & Jackson, & one total. By the way, which do I use for DX Achievements? (One locale only, Jeff -ERC) Best DX since last Muse: KTWO NY. same MM as everyone else, v/q. WOKY-920 & WBL-1330, WI, both on PoP, both sent v/q. WETE-620's night DJ sent v/q & very nice letter; CHYR-7, or whatever the call is, sent great fact sheet, & letter explaining the station's hours, programming, etc. WMSD-750 MD on ET, nothing heard on report; KGHJ on RS, first time here, no reply yet; finally a nice v/q from ZNS for my March reception of the lkw on B10. Great MM reception of R. Margarita-1020, is this YVRS? (Yep -ERC) Does anyone know where CJJD-1280 is? WCOG-1320 NC just for a minute, as WCHL-1360 NC both needed here. I can't figure why I was getting KCRG & WJIV on MMs on 1600 every week & suddenly one week I heard WAAW MI killing the channel. Same on 1580, WCLS/KLOU logged a v/q from KLOU & a surprising v/l from WCLS, then suddenly WSRF FL on top MM. Neither WSRF nor WAAW was ever heard before. I never heard from KEND-1590 on WHIS, nice v/l WATH-1590 on r/c, WQW/WGOE-1590 both on freaky ETs, v/l WTAL-1560 FL for ET, KWOO-1560 OK heard s/off, same MM KPMC good w/CBS NX, nice v/2; also CMOB-1560 R. Reloj is loud here. I hope to hear from all DXers in Michigan, my new address will be in the next Muse. I just bought some ham equipment, a 90w allband CE & AM XR, signal generator, 2-meter converter, etc. Now to get my ticket; coming soon. I built a 4' loop w/solid fiberboard sides. It weighs 80 lb, so I put a bar stool swivel on it. Till next Muse, Transrailidraf. Oops, I forgot v/l CJOX-610; WSPN-620; WAPF-690; WETS-740; WHEL-920; WLCR-1380; all FL, all same night! v/l WOSG-1390, none from WQOX-1440; CHYM-1490 sent lot of stuff. How long will my veries be forwarded to new locale? (When I MOVED, THEY told me in Brooklyn mail's forwarded for one year-ERC)

ERIC PADER - 23-35 Bell Boulevard - Bayside, NY - 11360

Right to MM 10/11 DX. 1:13-1:30 MoR u/WFIL/WHYB-560, either WGAN or CKGN probably, both unkn. 1:28, I heard WGOG or WGGD ID, whozit? Not WIND or WIBC, too bad, hi. CKKY-590 on top w/standards, unkn, w/CM off to 1:43 return. Also UNID LA & WPIOT Cuban-600 back on, same time. WIOD-610 TTING 1:44-1:50, o/u CKTB w/promos, not heard in about four years. Big mystery, at least to me: UNID LA-640 w/SS HJ-type sx, dead air between songs, no ID even @ 2:00 break, no talk even! Excellent signal o/u CMQ. Rechecks, still there, 2:11, 2:22, 2:35, 3:02, same thing, still no talk. Help! WAPF-690 w/third hour of AT-40 2:15. CKCY -920 w/great signal w/rr. High TT-990 3:03-3:06 out. Strong SS, another mystery on 990, 3:07 w/male vocal u/WOXT, never heard before, who? 1070, very strong high IT, 3:10, no QRM, 3:12 out, then OC. TT back 3:15, three short bursts & a long, more OC 3:16. WYIM-1600 assumed the sx testing there 3:22. Someone w/Powerline on 1470, not on my list so must be WMOF or KLCL? (Why? -ERC) This, 3:30. WPDQ-1460 a/soul. WBSG-1440? I think I heard that ID @ 3:41 folo by MoR & TT, 3:47. Newie WYSL-1400 w/clear ID w/contest address, 3:48. Cuban ticker-1270 o/u CJGB who had ID w/Million-\$ Weekend\$ promo 3:55, & hour-fast TCs. CJJD-1280, newie, ex-CHAN w/NX/SX/WX 3:58 o/u CJMS. CKEC-1320 change log, on 4:06 w/5:06 TC, on top. Change log on WFBG-1330 too, they were on @ 4:10. CJET-630 local-like 4:14 w/MoR. CEIB-610 had "Super-610 CRTB cash jackpot" promos @ 1:50, VKEY-590 1:40 had Thanksgiving mentions (Canadian T.G. was that MM). When WFBG was heard @ 4:10, they were u/someone w/religion program "Night Sounds", WPOW? Probably was, although poor local signal even for them. WPDQ-1460 had a low-key "yellow" DJ & Halloween contest promos when heard @ 3:37. Next time, some AT-40 update material & some of my uncalled-for thoughts on the new log. In sent in two Musings at a time - remember, "Ernie knows Best." 73s. (Next one'll be in next issue - ERC)

RON B. SCHILLER - 7657 La ol a Drive - Dallas, Texas - 75248

A couple of veries, both v/l - EPRD-980, & KBNW-1380. Former sent CM & program sked too, s/on is 7, to LBS s/off. Recent heard include: 10/5, KENW-1550 8:06-8:23am w/randhera m: 10/6, WEW-770 booming in 7:52-8am, not heard since 12/25/54! when they didn't veries, so an other try. According to my calculations, they are one of 27 "W" stations

(Schiller) W of the Mississippi. Then I bagged another Western "W" in WJAG-780 8:01-8:07 way o/KSPI/WBBM. KCRS-550 @ 4pm u/KTSA. KQGV-800 Oklahoma City, amazing if 250w, @ 4:30, religious format. KOCA-1240 u/KVSO et al @ 5. KAND-1340 with lots of local ads, 5:20-5:30pm. 10/7-XEOR-1390 6:45-7am w/ranchera. KFEQ-680 7:21-7:30 o/KKYY & others. I copied KRVN-880 whom I never could hear in the E 7:37-7:45. Still another Western "W" in WDAY-970 Fargo 7:53-8 o/an XE & others. I took a log on KDJW-1010 c/w 8:03-8:10 when surprisingly CBR, Calgary, stepped in, with light in the sky! That evening KLMR-920 Lamar, Col. snuck through 9:30-9:35. 10/8- L1'l KZYM-1220 Cape Girardeau, MO 7:31-7:41am u/XEB & pile. KTUE-1260 out in the Texas Panhandle peeked in @ 7:53, u/KGBX. 10/9- WAIL-1260 7:31-7:47am w/Top 40 stuff; KYKR-1510 8:02-8:06 w/local ads. 10/10, KKA-1560 presumably the one 6:42-6:59 w/c/w, clear till the roof caved in @ 7, w/s/ons of KAJN & then KDDS, among others, all new loggings here. I'll be in NC for the next two weeks on a biz trip, so I thought I'd get this off, though I just sent in a report.

GEORGE SEMKO - 46 Arcade Avenue - Buffalo, New York - 14226

I finally bought myself a TRF to go with my DX-150A & I couldn't have made a better investment. When I started using the TRF (6/12) I had 492 stations. I added 17 in June, 17 in July, 34 in August, 15 in September & 15 in October (as of 10/17). So, now my total is 590! October DX: 10/2- WKER-1500 NJ in good w/s/off 6pm; WBRJ-910 OH w/c/w @ 6:17pm. MM 10/4- KRNK-1530 WY on ET w/TT, @ 3:49am. 10/6- WANN-1190 MD s/off @ 6:28pm. MM 8/9, WMBL-740 NC on emergency for Hurricane Belle from 2:10 till 2:40am. Local station WEBR-970 (formerly NSP) now s/off @ local midnight every day. This allowed me to log WDAY-970 ND on MM 8/16. Veries: v/l- WMFM, WMBA, WKKQ, KBR?, WIDG, WNTY, WPIT, WDAY. v/f- WBTX WTLB WIOO WPGC. v/q- WAYC KFGO WANN. I'm looking forward to a great year, this being my third. I would enjoy corresponding with members, especially those in S Ontario & W. NY. 73.

M O T H B A L L M E M O R I E S

CHAPTER XXX - Concluding the CBC Story (by GORDON FENDERSON, Jr.)

In 1936, the Canadian Broadcasting Corporation took over the CRBC facilities, and immediately began improving programs & facilities. Production was decentralized into five zones, as compared to seven today. These were B.C., the Prairies, Quebec, Ontario, and the Maritimes. (Alberta & Newfoundland were added later). By late 1937, CBL Toronto & CBF Montreal were opened, alone increasing national coverage 50%. In early 1938, CBR (now CBU-690) Vancouver, followed in 1939 by CBA Moncton & CBK Regina. Programs included dance music "distinctively styled by the Dominion's leading experts of syncopation," the "Northern Messenger" programs, variety shows like the "Happy Gang" and NHL hockey (in that day, the broadcasts didn't come on until one hour after the opening face-off - GF). By 1940, 90% of Canada got CBC programming. The CBC News Service, responsible for all newscasts, started on 1/1/41. Then, during the war (WW-II), serials, home courses and drama were basic fare. In 1944, CBY Toronto (later CJBC-860) formed the Dominion net, a lighter service, while the original net was named the Trans-Canada. These nets consolidated in 1962, making CJBC a full FF outlet & CBL the EE flagship. The first LPRT's were built, and new "main" stations began in Halifax and Edmonton. They also bought CKY Winnipeg, and it became CBW-990. (Since then, CKY was later started as a separate station). In 1971, a proposal was rejected which would have made a "Radio 1" (AM) & "Radio 2" (FM) service the radio net, the AM shain providing light entertainment, and FM more into serious music and the arts. (But, that's what CBC radio is today, hi -GF). Today, the CBC serves 99.1% of Canadians, on a budget of over \$350 million, and with a staff of nearly 9,000. (Our sincere thanks to Gordon for his effort! -ERC)

NEXT WEEK; We'll bring you a couple of the late Carroll Seth's poems!

MUSINGS IS SUFFERING FROM LACK OF SUPPORT, AS YOU CAN SEE. YOUR EDITOR, ERNIE COOPER, IS GOING TO JOIN THIS NEW TREND OF NOT MUSING, GOING ON, AS IT WERE, A "MUSINGS FAST" UNTIL WE GET AT LEAST 25 MUSERS PER ISSUE! FASTING WORKED FOR MAHATMA GHANDI - LET'S SEE IF IT WORKS FOR E.R.C.

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

One lonesome verie, a f/up v/l from CFCB-570 for reception back on 1/5/76 during WMCA's annual MM off for PoP, through their OC & TTs. DX Down the Week: Sat. 10/16- More on R. Melodia-735, Quito, & a report was sent. There was a weak unID SS on 615k @ 1:20, on this AU morn. And, holding forth on 990 was R. Tricolor, Barquisimeto, Aning w/ no sign of any American ANs there, 1:34-2:04, & reported. MM 10/18- On 1510, unID TT/OC station o/u WMEX/CJRS 12:51-12:57, quite strong, seemingly S of here (Isn't EVERYTHING S of here??) Unn KOA-850 u/WHDH's OC w/Nuggets' BKB @ 1:25am. Unn CKKW-1090 topped here today, 1:46. What must have been WCAR noted u/WNEW-1130 @ 1:59, I think 'twas NNIS. A "K" tester on 1560 @ 2:09-2:15, then later, WEKC, unn, testing there. This was one of the two annual MM SPs for WCCO-830, & a Caracol Colombian was logged, undoubtedly HJDM, R. Vision, Medellin, & reported. Unns WFUN & WTAR playing tag on 790, 3:24-3:33, WFUN w/EZL & WTAR w/MoR. 10/19- A still unID SS on 1085A, logged 1:38-2:31, fairly good signal w/little slop from WTIC & none from WBAL. A strong OC was bouncing WNEW's signal today @ 2:40. Fri. 10/22- UnID TT, again to the S, in/out w/WWRL/WUNR 1:04-1:16. Another of many ETs w/TT & OC on 1550 by semi WNTN noted to 1:59 s/off. Unn WQII-1140 topping that spot @ 1:42, hi Dave Gleason! And- good-bye 740 - a Colombian AN was holding down this spot today @ 2:07-2:32, but they did a Murphy at ID @ 2:33, but had those three chimes before it, a la (Caracol or Todelar? I forget!), so this guy is still a mystery. He would have to start this AN sked just a few days before the KYME Idaho TEST! Remember on 11/13, a get-together here - everybody's welcome, but please drop a card or call 617-487-9337 & let me know you're coming, and what you drink (beer or soda, that is). We'll miss Jeff Cohen, who's moving to Michigan - so y'all come! I'll Muse again when the rest of you begin to - until then, so long and Happy Thanksgiving.

ANNUAL THANKSGIVING GET-TOGETHER IN SAN DIEGO

The annual San Diego Area Thanksgiving Get-together will be held at the home of Albert & Helene Lobel on 20 NOV from 12 NOON on. There will be a charge of \$2 per person, payable at the door, for refreshments (soft drinks, beer, and food). Please call or write in advance if you plan to attend so your hosts can get some idea on how many to plan for. Of course, you're welcome to just drop in! DX'ers of all bands are welcome; as well as all interested non-DX'ers.

ADDRESS IS: 10514 Caminito Baywood
San Diego CA 92126

PHONE IS: (714) 566-0092

DIRECTIONS FROM L.A. AREA: Take I-5 South to I-805 South. Take Miramar Road East (2nd exit off I-805) to Black Mountain Road (parallel w/ Miramar Naval Air Station). Left on Black Mountain Road to Gold Coast Drive. Left on Gold Coast Drive to Westchester Avenue. Right on Westchester Avenue to Flanders Drive. Left on Flanders Drive to Caminito Baywood. Right on Caminito Baywood to third house on left.

DIRECTIONS FROM RIVERSIDE/SAN BERNARDINO: Take I-15 South to Mira Mesa Boulevard. Go west on Mira Mesa Boulevard to Westonhill Drive. Left on Westonhill Drive to Flanders Drive. Left on Flanders Drive to Caminito Baywood. Left on Caminito Baywood to third house on left.

IMPORTANT NOTES: Caminito Baywood is a private street and does not appear on all maps of San Diego. Be sure to take these directions with you. If you originally read this notice in any club bulletin, except IRCA's DXMonitor, disregard the original directions from the L.A. area; there is a wrong turn listed. A simple typo by Ye' Advisor Editor! If you will be coming from other areas and need additional directions call for such directions or send a sase and tell me where you'll be coming from.