

dx news

the magazine of the National Radio Club



VOLUME 43

22 DECEMBER 1975

NUMBER 10

"I've really enjoyed my first year of membership and consider DX NEWS a top class magazine!" (Warren Powis, late of N.Z., now of D.C.)

ON THE INSIDE

- An Insight into Cambridge Crystals Frequency Checks - Ron Musco
- Bob Foxworth's Trinidad-610 Verie
- The 1974-75 State of the NRC Report - HQ

NEW MEMBERS

- * Robert C. Walker, Rt. 2, Box 17A, Westport, KY 40077
- * Jerry Blake, 2025 Klug Dr., Ft. Wayne, IN 46808 (re-joins)
- * John S. Bowker, 202 Wehrenberg Hall, Valparaiso, IN 46383 (John's father is already a member)

RENEWALS

S. Bezilla, R. Schatz, E. Wesolowski, H. DuRant, R. White, H. Adelman, J. Guiney.

FLASH TIPS & SUCHLIKE

12/1: WTBJ-1090 was NOT ON. Resked for 1/19 at 0300. Per latest info from Skip Dabelstein, which supercedes info in DDXD and in IRCA. KWIP-1580 not hrd by Schmidt. 12/8: W.LLL-930 not hrd by Schmidt, presumed not on. WIVY-1280 hrd by Schmidt. Hansch hrd WLLL but not WIVY. WNRI-1380 hrd by both. WMTY-1090 also hrd by both Schmidt and Hansch. 12/15: WKTJ-1380 hrd by ERC, RjE. WDLM-960 tentative by RjE, Merriman. WRAM-1330 hrd by RjE, AM, ERC. WWNS-1240 likewise. WFIA-900 not hrd by RjE. KXRB-1000 and KLUC-1140 hrd by Merriman, not by RjE.

NOTES &c FROM NJPC

As you can see, the HQ typer has died and we are using the printers' composer. Hopefully, repairs can be completed during our two week hiatus.

Congratulations are in order to Ron Schiller on the birth of his second child and first son, Bret Randolph, and to Linda Brodsky on the birth of daughter Sharon Michelle.

We have also received several requests for rubber stamps. We cannot get these made here at any reasonable cost. If you want to have them made up locally, we can supply a good quality NRC emblem to you for an SASE.

LATE WORD is that the postal rate increase sked for 12/28 has been postponed by Court order. We have no further details at presstime, but inasmuch as the increase will go into effect within 90-120 days anyway, and inasmuch as we have changed our renewal cards and other info accordingly, the consolidated dues rate will go into effect as planned. Effective 1/1 all domestic dues are \$15.00 per year. More news as we get it.

Many of the members who were in the club before the NJPC takeover will soon be receiving a blank membership application form in the mail. This is for our records only, as we do not have one for you. The information requested tells us more about the makeup and interests of our membership. If you receive one, PLEASE take the time to complete it and return it to HQ. Thanks.

DUE TO THE CHRISTMAS MAIL RUSH AND OUR PRIOR EXPERIENCES WITH LOST ITEMS AT THIS TIME OF YEAR, ALL PUBLICATIONS AND REPRINTS ORDERS RECEIVED HERE AFTER DECEMBER 10th AND BEFORE JANUARY 1st WILL BE SHIPPED AFTER THE LATTER DATE. PLEASE BE PATIENT. WE BELIEVE THAT IT IS BETTER TO BE TWO WEEKS LATE THAN TO BE LOST IN THE MAILS, HI.

04
 1085 -HONDURAS HROD San Pedro Sula. 11/19, 0202-0222, many "Radio Aeropuerto" II and couple EE rock records in addition to SS records. (Schiller)
 1140 -PUERTO RICO WQII San Juan. 11/24 "Once Coo" fine sig, MM, only QRM from 1142 jammer, 0840-0902. (Schiller)
 1188 -GUATEMALA Sonora hrd and IDed on this freq w/good sigs in Nov. during auroral cx one night. They, presumably were hrd again at 0105 12/7. No ID this time but format was similar so am sure this is TGT here, reported sporadically on 1187 in past seasons, but up to 1188 now; easily separable from WOWO. (Foxy)
 1230 -COLOMBIA HJLK Cali. Per ERC's tip, 12/8, briefly atop at 0815. SA GY #2 here. (Schiller)
 1360 -COLOMBIA R. Relej, Cartagena, ID at 0412 on 12/1, but their time was 11:15, 3 mins fast, pop mx. (Objio)
 1365 -HONDURAS HR--, Danli. 11/17 0300 fair sigs in SS of course. Call? (Schiller)
 1400 -PUERTO RICO WVOZ Carolina. 11/24, "Radio Voz" slipping u/local NSP WFTL, WSGA, WJH0, et al 0908-0934, IDs as "Radio Voz". Adr. in NRC log wrong, report returned and sent to WRTH adr. (Schiller)
 1420 -VENEZUELA ? YV--. 12/8, a loud unid 0857-0915, many Radio Vision IDs and DF toward YV land. Hoo dis? (Schiller)
 1470 -MEXICO XESM Mexico, DF. 11/17, 0753-0803, many "Radio Cinco" IDs, good sig o/WSAN. (Schiller)
 1500 -COLOMBIA HJ--, Cali? A "Radio Tigre" hrd 12/5 MM, many IDs and one Cali mention. Call? Adr? Power? 0809-0842 weak but clear. (Schiller)
 1525 -COSTA RICA Columbia (the only ID they said), pop mx and ads "Sal Andrews" at 0354 on 12/1. (Objio)
 1560 -PUERTO RICO WRSJ R. San Juan o/the Cuban w/s/off 0602. 11/28. (Waterman)
 1586 -WEST GERMANY WDR Langenburg, this in w/excellent local-like sig on 12/3 at 0610 after WWS s/off. Had CG talk till 0610 when went into upbeat EL mx, rx at 0630 and at 0650. 6 pips hrd at 0700. Stn faded completely at 0720.
 1600 -UNID "Melodia 1600", this is the only ID I hrd for a long time on / (Hayes) 12/1 since 0346 on. Probably in Venezuela as time mentioned was AST, the same as Santo Domingo. DF is for Western Venezuela, probably San Cristobal or Maracaibo. No location mentioned. Will keep trying. (Objio) See IDXD 11/24, reported to be in Barquisimeto. (ED)

Thats it for the loggings - veries will follow when ever I get back to this - the Dallas-Washington game is about to start! No comment. (ED)

610 -TRINIDAD & TOBAGO V/1 in about 2 weeks, signed by Frank Thompson, General Manager/Chief Engineer. Interesting to note that a perusal of back issues of DXN following this stns 12/21/60 DX Test shows that Mr. Thompson was the v/s at that time, too. I thought of the possibility of arranging a DX from them, but with both WIP and WIOD blasting in all the time. I feel that auroral cx in mid-evening still offers the best hope of hearing them. Perhaps, though someone may still wish to contact them. Richard Wood tells me that he had traces of this stn at times in England in past years but feels this stn gets out poorly. I have to consider this my best catch of the season. Incidentally, return postage is 30 cents in their local currency, stamps of T&T. (Foxyworth)
 690 -HAWAII KORL Honolulu, v/q from Alan Roycroft in 1 month. Original report to adr in NRC log returned, so f/up sent to Roycroft at Broadcast Services, 2877 Kalakaua Ave., Honolulu 96815. Alan said he recently rebuilt the KORL final.
 745 -NETHERLANDS NOS Card folder in 41 days for EE report and 2 IRC's. Stn/(Helms) info and many pamphlets were sent also. (Waterman)
 760 -COLOMBIA La Voz de Barranquilla. Sent only a penant - no letter or muttin! Took 2 1/2 months, too, by banana boat. (Cooper) Vy encouraging, I recently sent them a report! (ED)
 810 -COLOMBIA HJCY Bogota. Sutatenza verie folder in 4 months for air mail stamps, one used by them. Reception date was 2/10/75, sent 1/up in July. V/s looks like Georgina Zauindio C, Gerencia General. (Mount)
 840 -ST LUCIA R. Caribbean. V/1 in 12 days for FF/EE report and mint stamps. V/s Linda J. Skeete, Traffic Secretary. (Waterman)
 885 -MALAYSIA Fine definite v/1 from Radio Malaysia's stn in Kuala Lumpur received for a report of 11/3/74. Signed by Director-General, illegible. Also sent cancelled stamps. Country #69. (Wilkinson)
 1150 -DOMINICA Radio Jumbo, Roseau. Letter in FF from Patrick Meyer, Director General. (Schiller)

1165 -ANTIGUA Caribbean Radio Lighthouse, St. John's. V/f from C.L. Waite, CE. Antigua #2. (Schiller) Ditto. (ED)
 1190 -PUERTO RICO WEMJ San Juan. Violet and white v/q card back promptly from the CE, signed but illegible. PR #27. (Schiller)
 1394 -ALBANIA R. Tirana v/q in 67 days for EE report and no RP. (Waterman)
 1562 -SWITZERLAND "Market Place" picture p/c in 3 weeks from Bern for 2 IRCs. Site not specified per my request. (Helms) / (Helms)
 1602 -WEST GERMANY BR sent "saxophone player" cartoon card in 1 month for 1 IRC.

Thats it. Here are the reporters for the past 2 issues

Bill BAILEY - Holden, Massachusetts 2 R390A's, 2 1200' beverages
 Mark CONNELLY - West Yarmouth, Massachusetts R390A/URR, 2 phased 150' longwires
 Ernie COOPER - Provincetown, Massachusetts 2 HQ-180A'S, SM-2, longwire
 Bob FOXWORTH - Long Island, New York HQ-150 w/SE620, GPR90, SM-2, longwire
 Harry HAYES - Gouldsboro, Pennsylvania Zenith Trans-Oceanic, SM-2
 Harry HELMS - Fort Mill, South Carolina
 Chuch HUTTON - Decatur, Georgia R388/URR, Sanserino loop
 Rob KEENEY - Lawrence, Kansas HQ-180, SM-2
 Joel LESSING - ? ? ? DX-160, 45' longwire
 Albert LOBEL - El Cajon, California DX150A, Sanserino loop
 Paul MOUNT - Teaneck, New Jersey Ameco #5, 40' longwire, Panasonic R-1551
 Cesar OBJIO - Santo Domingo, Dominican Republic HE-30, 4' loop
 Ron SCHILLER - Lighthouse Point, Florida R390A/URR, SM-2
 Elliot STRAUS - Asbury Park, New Jersey R390A/URR, 115' longwire
 Sharon WATERMAN - Southwick, Massachusetts HA600A, 75' longwire
 Hank WILKINSON - Bellevue, Washington SP600, HQ-180, Sanserino loop
 Steven WISEBLOOD - Santa Maria, California Zenith M660A

Thats it. No column next week, so see you in 2. Let me take this opportunity to wish everyone a MERRY CHRISTMAS and HAPPY NEW YEAR. 73 - DX - Report ! ! ! ! !

FCC will try again on clear channels

Commission says earlier efforts to extend night service were ineffective; now it has new ideas

The FCC has virtually admitted failure in its last major effort to provide primary nighttime radio service to vast areas of the country, and is beginning another attempt. This time, it is considering a variety of options—from permitting dominant clear-channel (I-A) stations to increase power above the present 50 kw limit, to breaking down remaining unduplicated clears.

The commission made its proposals last week in a notice of inquiry and proposed rulemaking, in which it gave its first public assessment of the effect of the rules it adopted in the 1961 clear channel rulemaking and reopened that proceeding.

Those rules were designed to authorize introduction of one unlimited-time II-A station each on 13 of the 25 unduplicated clear channels, to help bring radio service to about half the land area of the U.S. and some 25 million persons then without nighttime primary service from AM stations.

Fourteen years later, 10 new class II-A stations are operating, providing the first nighttime service to some 300,000 persons. While this may be a considerable achievement, the commission said, it is obvious that the Class II-A assignments "have done little more than nibble at the fringes of inadequate nighttime standard broadcast service." It also said that AM stations of other classes authorized since 1961 had not contributed appreciably to reducing unserved areas.

Among the new elements of the commission's latest proposal for providing radio service to unserved areas is the determination to consider the degree to which FM is supplementing AM service, and could be expected in the future to ex-

tend nighttime service to unserved areas. This would be in accord with commission policy to treat AM and FM as a single aural service.

The commission will study existing FM service and will make the results part of the record in the proceeding. The inquiry portion of the proceeding invites the participation of anyone developing programs aimed at exploiting FM's potential for extending nighttime service to all parts of the country.

But the commission also indicates it is prepared to consider fundamental changes in its basic pattern of clear channel uses.

One involves the controversial idea of "superpower," although the term is not used. It would authorize class I-A stations—the dominant stations on the clears—to increase their power above 50 kw as a means of extending their signals into areas without primary nighttime service. A number of the clear channel stations have higher-power applications pending.

In connection with that proposal, the commission, in its inquiry, is seeking comment on the social and economic effects of higher power operation, responses from class I-A stations on whether they would seek increased power, and the results of independent nighttime audience surveys on the extent to which clear channel stations' secondary service is utilized.

But other proposals go the other way from superpower. They would authorize the additional breakdown of duplicated clears or the breakdown of channels not yet duplicated, authorizing the operation of unlimited time Class II-A stations either in specified areas, or generally, with protection being afforded the dominant station's secondary service. Another proposal would go even further; it would eliminate protection of secondary service on some or all of the I-A channels, and the use of those channels by a "multiplicity of stations" each providing local or regional service at night.

06 DOMESTIC X DIGEST



editor.. Wes Boyd
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Girard, Ohio 44420
318-545-4543

Ladies & Gents, once again it's time for another fust filled & insipid DDXD... HAPPY NEW YEAR & all that stuff... Gee, ain't it nice to know the Post Offices cares so much about us that they raised the rates. Maybe if we picket, or something nasty like mailing crackers (Didja ever see how a cancelling machine dies after a few of those??).

changes

1330 WPPI GA new Carrolton station has been granted program operations.
1490 WCSV TN has CP to remove the daytime limiting resistor.

1110 *CP* NH Salem... (per Frank Stiles): There is a CP on 1110Khz. in Salem, NH. Is for 5,000 watts, I assume D-1 (non-DA--HWB), originally requested call WSNH, but denied due to possible confusion w/ WSSH FM Lowell, Mass. Now first choice is WWNH, alternates w/ WSNR & WVSD. Those in need of NH should keep tabs on the status of this one! (FS)

KWHN (AM) - KMAG (FM)

1st. THURS: KROF 960 (HWB--PKH) WVKY 1270 (Silly)
1st. FRI:: WHIC 1520 (PKH)
Newies, etc.:
1st. SAT:: WPLB 1380 w/ TT & anncd. f/c 0044-0049 (ELK)
2nd. MM::: WTOB 1380 w/ TT & anncd. f/c 0300 (during WNRI DX) (RLK)

P.O. BOX 143
RADIO CENTER BUILDING
FORT SMITH, ARKANSAS 72901

PIRATESVILLE::

***540 v WJXI OH 12/8 (1st. noted by Silly 0230-0245 on 12/6) Steady S-8 twixt 0130 & 0157 s/off, distorted audio & much level variations. Complete s/off sez O&B by Salem Bdcstng. Co. of Homeworth, Ohio w/ studios in Robertsville & XR on Rt. 43 in Minerva, Ohio... "w/ 1,000 watts directional on the public service assigned frequency of 540Khz". Sez sked to resume at 10 AM! All towns are between Salem & Canton, about 35 miles from here. Seems all C&W w/ DJ having very thick "HICK" accent. Measured freq. varies 540,080 to 540,090, causing loud het. Uses ISSB after-s/off. Noted again 0100+ on 12/9 so could be widely hrd. by DXers & the F.C.C.. anyone have a QTH??(STARR)

TEST RESULTS::

WASR 1420 Hrd. by: (RA)
WBTX 1470 Hrd. by: (FS)
WTBJ 1090 Was not on! (PKH)(resked for 1/20!!)
KWIP 1580 Hrd. by: (PKH)
WHLW 1170 Not hrd: (RA)
WTHD 930 Not hrd: (Silly)(Ross)(Starr)
WLLL 930 Not hrd: (FS) (Silly) (Starr)
WIVY 1280 TENT: (Silly) Hrd. by: (JRS) Not hrd: (Starr)(ELK)
WNRI 1380 Hrd. by: (HWB)(Silly)(JRS)(ELK)(STARR)(RLK)(ROSS)(C&W)
WMTY 1090 Hrd. by: (HWB)(STARR)(ELK)(JRS)(RLK)(Ross)
(Can anyone figure out why we had a C&W test on the same freq. w/ a 10Kw station running C&W AN???)--HWB

Well, it's onward to the goodies... I'm holding this thing an extra day to allow for Christmas mail goof-ups. Guess what, nothing at all showed up in todays mail!!! So I'll use what I have, and see what shows up tomorrow, if enough shows I'll stick it at the end of this mess--HWB

sunset & evening.....cut date was: 12/1.

790 CHIC ON 12/2 Nx 1702, ments. end of postal strike (BAB)
810 WQIZ SC 11/30 Noted w/ ads at 1711 (BAB)
830 WNYC NY 12/6 Quite well 1655 w/ ID & NYC ments. (JRS)
860 WGLT NC 11/30 S/off 1713 as 1,000 watts, uses Lord's Prayer, what city is this in?? (BAB) If you hrd. it on 860 then the station is in BIG trouble, licensed at 870 in Kannapolis---HWB
900 WIAM NC 12/2 W/ sx 1632, Ads, & some RR mx (BAB)
910 KLCN AR 12/1 Editorial 1730, about the future of Blytheville, and the new water purification plant (BAB) Real heavy--HWB

KIML Box 1009 1270

970 WJMK SC 12/2 O/ WWSW 1639 w/ ads & some RR mx (BAB)
1060 WNOE LA 12/6 Made xmtr. switch: at 2027, as has 2 sites I suspect that both were on at the same time, or someone simply forgot & left the biggie on. Noted getting phone calls from all over the U.S. (one in Charleston, WV) & DJ was excited about it. Called & reminded them to pull the plug on the 50Kw! (PKH)
1270 WTSN NH 11/29 RR 2326, DJ asked for long distance calls. I called and was most distant before they faded out. NH #3 (BAB)
1300 KBRL NE 12/3 Atop 1758-1815, s/off w/ SSB (RLK)
1310 WDKD SC 12/3 Hrd. well w/ s/off 1715; no SSB noted (HJH)
1380 WGSE NC 12/2 Soul mx & ads 1550 & on, good sig. for that early(BAB)
1520 WTGR SC 12/2 Ads, JX, & RR 1616, they really 250watts??(BAB)YMP!!
1530 WOBR NC 12/2 W/ RR mx at 1610 (BAB)
1560 WAGL SC 12/8 Hrd. well w/ s/off anncd. at 1715 (JRS)
1580 WJVA IN 12/8 Weak w/ ments. of South Bend at 1710 (JRS)
WTTN WI 12/8 This hrd. fair w/ s/off at 1715 (JRS)
OPPS::: Forgot one...
1060 KRSP UT 12/3 O/ KYW & mixing w/ KAMA @ 1830 w/ RR & JX IDs (RLK)
midnight to sunrise
680 WRKO MA 11/26 Off most of the AM, but ET w/ OC-TT (RA)
810 KCMO MO 12/8 Off RS all AM, some OC or TTING (RLK)
CKGO CA 12/8 Tele-talk 0121, most wanted here. (RLK)
CKJS MB 12/8 A variety of mx, 0125. Completes Winnipeg BCB!(RLK)
850 UNID ?? 12/8 Ending ET 0205, anncd. given, but no copy thru KOA(RLK)
Might be WWJZ at it again---HWB
910 WSBA PA 12/6 Hrd. well, 0103 w/ station promo (JRS)
WJCW TN 12/7 Noted 0356-0358 w/ C&W, much KGLC QRM (ELK)
WABI ME 11/30 A JX hrd. clearly @ 0030, then traces of C&W mx under a strong CBO. RATS, Maine #1 & not enuf to report! (BAB)
920 WGST GA 12/8 Dominating 0103 w/ ID & Atlanta mentions (JRS)
930 KSDN SD 12/8 Noted this s/on for ET 0126, not strong (Ross)
940 KFRE CA 12/8 Louder than usual at 0257 w/ s/off & ISSB (Starr)
KHOS AZ 12/8 Good w/ C&W mx & female anncr. 0250 (Starr)
1240 WFTN NH 12/8 ET-TT 0015-0040+, fair o/ others w/ RR, many IDs(PrM) I tried, but couldn't pull anything here, will try again--HWB
1310 CFGM ON 12/1 ET w/ C&W & IDs, sez bdcstng. "from the transmitter", 0205-0220+ (Starr) You expected the bathroom maybe??--HWB
1320 WHHO NY 12/6 Noted on ET w/ TT & OC way o/ WKTQ @ 0230 (Silly)
1340 WIZE OH 12/1 Unusually loud 0405 w/ wx & RR mx (Starr)
WRIT WI 12/7 W/ N.I.S. net 0410-0415, atop. freq. (ELK) Still veries w/ cards left from the 1853 (or another dull year) IRCA conv.--HWB
1350 WHWH NJ 11/26 Hrd. o/ WKLX w/ "Nitecap" & Herb Jepko..rare here(RA)
1370 WSAV NY 12/4 ET w/ some TT, lotsa OC 0445-0500+, lost to many s/ons at 0500 (Silly)
WDEF TN 12/7 W/ some type of FB game, couple ments. of Hawaii hrd., so maybe a "bowl game" of some type. Full ID & Ads 0255, lost 0300(Silly)
1380 WBNX NY 12/8 Good w/ Black "Block Pgms.", ID & NYC mention 0312(JRS)
1390 KENN NM 12/8 W/ ID 0105 & song by wx report (RLK) What the hell does that mean???)---HWB
*1400 WBAT IN 12/7 W/ comtemp. mx 0210-0300, NSP again? (ELK)
WABY NY 12/8 ET-TT 0102-0105, fair, but heavy QRM (ELK)
1450 CFJR ON 12/8 Finally enuf to report(don't bother, he don't verie--HWB)
0258-0300 w/ MOR, 0300-0305 w/ nx-wx-sx. Occasionally good level & atop freq. (ELK)
1460 WPDQ FL 12/8 Soul mx 0150, 0155 Jacksonville ments., weak u/ unid OC
1490 WLXK WI 12/8 Fair w/ ID 0300, local WJMO 1490 was off (JRS)
1520 WANR OH 12/1 VERY LOUD 0407 w/ promo for Mutual's Monday nite FB thing then into NIS, WKBW off! Whats Seigel up to? (Starr) About 5' 11"-
1550 WIRV KY 12/6 ET 0225, ID, then Barry White record (HJH)
1560 WBKC OH 12/6 On ET 0112 w/ really cracked up ET, ET consisted of RR & many IDs. Phone # & address given, anncr. hamming it up, but isn't that par for stations in that part of Ohio??. Still on 0254(HJH)You just ain't a nice person!!--HWB
1580 WORG SC 12/8 ET w/ mx 0107-0115, 1st. time here (ELK) BIG DEAL!--HWB
Opps::: Forgot my own junk:::
1320 WVOJ FL 12/5 FINALLY w/ WKTQ off, o/u KXYZ & WENN w/ C&W, etc. 0145-0330+ (HWB)Ditto--12/4 & 12/5 (Silly)
WENN AL 12/5 ET w/ FM audio, IDs e/ 30 min. sez ET prior to Pop(HWB)

Aha...some more stuff in the mail, so here be DDXD part #2...

RCs...

1st. TU: WHGR 1290 KWRF 860 (CA)
1st. FR: WWBZ 1360 WVGW 1430 (CA)
1st. SA: WSHN 1550 WIRV 1550 (CA)

TEST RESULTS:

WASR 1420 Not hrd: (CA) WTHD 930 Not hrd: (CA)
WNLW 1170 Not hrd: (CA) WLLL 930 Not hrd: (DS)
WBTJ 1090 Not hrd: (CA) WMTY 1090 Hrd by:: (DS)
KWIP 1580 Not hrd: (CA) WIVY 1280 Hrd by:: (DS) Not hrd:(CA)
WNRI 1380 Hrd. by(DS) (CA)

Nitecap net noted on WHWH 1350 (11/28) & WCMB 1460 (12/3), next to go on KTRB 860 (CA)

SUNSET STUFF::

790 WETB TN 12/5 RR 1658-1714, Mutual nx, "Leonards Losers", & s/off. This in WAEB/WTAR null, good sig. (DS)
1220 WJUN PA 12/5 Couple local ads 1629-1636, Mutual nx, ID, & sx..WGAR took over at 1636 (DS)
1360 WPPA PA 12/2 Atop WWBZ 1720-1722 w/ Mutual stuff, rare here (DS)
1430 WENO TN 12/3 Noted o/u CKFH 1716 (CA)

MIDNIGHT STUFFS::

710 WOR NY 12/8 Noted off this AM (DS) So who was there???--HWB
860 WSBS MA 11/28 ET noted 0258 (CA)
940 WCPC MS 12/3 ET ending 0126 (CA)
960 CHNS NS 12/7 Atop 0010 w/ C&W mx (CA)
1320 WVOJ FL 12/5 UPI nx 0500, WKTQ off, but back 0530 (CA)
1370 WSAY NY 12/4 S/on 0458 for ET (CA)
1380 WTOB NC 12/8 ID 0302, think went into TT (DS)
1420 KTOE MN 11/27 Local nx 0154-0158, then ID (CA)
1520 WANR OH 11/30 No WKBW, this 0330 w/ NIS net (CA)
KOMA OK 12/2 O/u WANR 0400, no WKBW..a TUES AM yet!(CA)
1530 WTTI GA 12/8 Another pesty ET w/ RR-OC- & IDs 0402-0409(DS) Could be worse, suppose they ET & don't ID!!--HWB
1560 WBKC OH 12/6 On 0206 w/ ET, mx, temps., 1-2-3 counts, etc.(CA)

And finally, some changes::

580 WHP PA to go 24hrs. on 1/1/76, no SP known yet (JK)
1320 WKAP PA Delete Ai net except 9PM-Mid. on Sundays (JK)
1340 WBRE PA AM-FM on NIS net, but only 20 hrs. a day..not ANING (JK)
1600 WHOL PA seeks 2500 watts DA-Days (adding a 3rd. tower) (JK)
Jeff also notes WBAL 1090 has "Radio Playhouse" weekdays 10-11AM, ditto WOR 710 from 3-4PM weekdays. /

***Now the faithful few that made this mess possible:::

CA	Clay Adamson	LeRoy, NY	??????????
RA	Ray Arruda	New Bedford, MA	TRF & SX122 SM
BAB	Bruce Boomer	Nutter Fort, WV	HQ200 LW
Ross	Ross Hansch	Madison, WI	HQ180 loop
HJH	Harry Hayes	Gouldsboro, PA	Zenith T-O SM
ELK	Ed Krenjy	Middleboig Hts., Oh	HQ180 loop
dm			
DS	Donald Schmidt	New Castle, DE	HQ180 SM ears
RLK	Robert Keeney	Lawrence, KS	HQ180 SM
FS	Frank Stiles	Winchester, MA	DX150 SM
JRS	John Sally	Wickliffe, OH	Realistic TRF
JK	Jeff Kleppinger	Northampton, PA	Heath GR78/SX110 SM/LW
Silly	John Sillimanski	Girard, Ohio (Where?)	Zenith T-O
Starr	Jerry Starrrrrrrr	Hubbard, Ohio	HQ180 loop
HWB	Mineself	Girard, Ohio	HQ180 loop

Well group, would like to suggest we all check out our locals and semi-locals within the next couple months. Then inform me, or ship the info to JAC (Callerman) to assist on the new log book project. At the same time it would be nice to check on what, or if any, frequency checks still exist. As always, there are a handfull of DXers working, and the rest just sit back and enjoy. Well here's something everyone can help with, personal visits, phone calls, letters, or simply listening. DO IT!!

Later, *HWB*

This article is intended to provide the DX'er with information about the frequency checks that Cambridge Crystals (Cambridge Thermionics, Cambridge, Mass.) performs. Cambridge performs f/c's for the states of Connecticut, Massachusetts, Vermont, New Hampshire, and Maine. The state of Rhode Island is also a probability. As far as I can determine, a goodly number of these checks are done shortly after midnight Eastern Local Time (ELT).

Cambridge has never furnished Joe Pella with a list of their checks so discovering them is done by writing a station, visiting the station, or through actual monitoring.

Cambridge does have some checks that are done the same day each month, i.e. WSWG-610 which occurs on the second Friday, WASR-1420 on the fourth Wednesday, WMCS-1400 on the third Saturday, WTYM-1600 on the second Monday. The other checks are much more difficult to hear.

Cambridge usually performs a f/c in the following manner: Cambridge phones the station and has the operator start a 1000 hertz tone. Cambridge hears the tone and has the operator stop it for a few seconds. The tone is then started again and the measurement is made. Actual length of the check is one to three minutes in duration.

Okay! Now we know how the frequency check is done. The differences are obvious: (1) the shortness of the check. One or two minutes as compared to 15 minutes. (2) The time the check is conducted, usually just after midnight ELT. An exception is WTYM-1600 which is done after WUNR signs/off at 0205 ELT. (3) Infrequent station IDs or none at all.

Following are the checks that have been heard recently:

1st Mon.	1150	WCNX	CT	0030-0045 ELT
1st Wed.	1310	WICH	CT	0005
2nd Mon.	1600	WTYM	MA	0205
2nd Fri.	610	WSWG	CT	0005
3rd Sat.	1400	WMCS	ME	0000
4th Tue.	1490	WKVT	VT	0010
4th Wed.	1480	WCFR	VT	0000
	1420	WASR	NH	0004

After my visiting three Vermont stations shortly after Thanksgiving, I learned the following: 1370-WBTN, 1450-WTSA, and 1490-WKVT do have f/c's with Cambridge. They are notified by a postcard or an upcoming check.

The station manager at WBTN says their Chief Engineer is under contract from 1230-WMNB and he does their f/c as well as quarterly equipment Tests. Unfortunately, WBTN is a non-verifier but hints that they will sign a prepared post card. I've sent a letter to the C.E. in hopes of learning their f/c date.

WKVT-1490 ran a f/c on the 4th Tuesday at 0010 ELT during regular schedule. WKVT raises power to one kilowatt for the check and signs/off the air as soon as it is completed. I heard their 0015 sign/off with one kilowatt as soon as the check was completed.

WTSA-1450 told me they had just completed their check when I visited them on a Friday. The natural conclusion is that the check was done just before or just after WKVT's.

Correspondence with Maine stations hasn't proven helpful. WRUM-790, WAGM-950, and WEGP-1390 don't seem to have early morning checks; perhaps they're done daytime. WFST-600 did have an early morning check in the 1960's which was widely heard-

It is unfortunate that the NRC doesn't have active DX'ers in the states of Maine, New Hampshire, and Vermont that could contribute f/c information to DX NEWS. As it now stands, a small percentage of New England stations can be heard by way of f/c's. I'm sure that many more stations in New England can be heard through their conducting f/c's with Cambridge Crystals.

RADIO WOLFEBORO, INC.

Post Office Box 900
Wolfboro, New Hampshire 03894

Ron Musco

W
A

The NJPC is pleased to report that the condition of the club has improved substantially in the first two years of operations in New Jersey. Our membership has grown from 515 in September 1973 to a total of 732 on October 1, 1975. Joins and re-joins for the year 1973-74 exceeded drops by about 75, while for the year 1974-75, the figure was an astounding 140! A large factor in the increases noted has been the excellent coverage we and our publications have received from the hobby press in the commercial sector. Another factor has been our reprint reference manuals, which have resulted in many new memberships. Still other factors may be credited, including massive mailings during 1973-74 to all former members of whom we had records; an article we were able to secure in Broadcasting magazine; and the resumption of sales of our publications through Gilfer Associates. Since taking over operations a little over two years ago, we have processed some 1800 requests for information on the club or its publications from non-members, which is also a record. As we have mentioned previously, another large part of our success in attracting members from these requests can be attributed to our producing an informative booklet for sending to all non-members inquiring about the club or its publications. These booklets have also been sent to a number of persons referred to us through current members and from radio station reception reports, especially to our DX TESTS.

During our initial year, our costs remained relatively stable, enabling us to build up a sorely-needed cash reserve to help us to continue with our special publications. In our second year of operations, we absorbed increases in printing costs, labels, and xerox reprints amounting to an average of over 20%. Our publications sales enabled us to hold the line except for the reprints costs, which subsequently increased again. Postal increases, of course, continue to plague us. The magnitude of these increases forced us to raise dues accordingly. The latest increase, we hope, will be able to hold us against another anticipated postal rate increase which we expect to follow the current one. These selfsame postal increases have, however, cost us in overhead for normal operational postage, as well as in the areas of reprints and special publications. This has been one major factor in our move to reprint booklets. The other, of course, has been the savings to the club and the membership in publishing booklets as opposed to using xerox copies. The postal increases, combined with the inclusion of several additional reprint articles in the revised night pattern book, have forced us to increase the members-only price of the new book to \$6.50. With the new edition of the Domestic Log anticipated next year, the price of that volume will also have to be increased accordingly.

In the area of special publications, we have sold some 140 of the previous edition of the log, and have sold over 500 copies of the current edition. We sold out our entire supply of nearly 400 of the original pattern books. We have sold some 400 of our Antenna Manuals, and over 300 Receiver manuals. We have also sold nearly 150 copies of the two editions of "Getting Started in Medium Wave DX'ing" to non-members. During 1973-74, we processed some 12,000 pages of xerox reprints. During the year just ended, a record 19,000 pages were sold, IN ADDITION TO the aforementioned sales of reference manuals. A new Latin American Log, a joint project with IRCA is also underway. We likewise anticipate that within the coming year, second volumes of both the Antenna and Receiver Manuals will be published.

Volume 41 of DX NEWS featured some 920 pages, or 40 pages less than we had projected. The difference was caused by an unexpected paucity of technical and feature articles. A breakdown of the content of this page count accompanies this report. The projection for Volume 42 was also 960 pages. The actual total was 980, due primarily to several issues where there was too much urgent copy for a 24 pager and too little of any type of copy to round out to a 48. In short, the year just ended featured much time-dated material which could not be held according to the normal publishing procedure. A breakdown of the past year's bulletin page content also accompanies this report.

Briefly, our cash liquidity position is far better than it was a year ago, primarily due to the increase in memberships and the depletion of inventories of publications. In addition, new publications and increased sales overall have added to our current liquid assets. A detailed financial statement also accompanies this report for the year 1973-74. The report for 1974-75 is currently being prepared for our accountant, and will be published as soon as it is completed.

In the area of reprints, we have made several efforts to streamline the operation; we have completed the Antenna and Receiver Manuals, and a new and enlarged New Member Kit; we have transferred some articles to the new Pattern Book; and we have eliminated a number of articles which were either out of date, or which were very rarely ordered. This process will continue through the coming year in the hope that the reprints workload can be sufficiently reduced to be farmed out away from HQ. We are desirous of obtaining a volunteer or volunteers away from HQ to take over reprints sometime after the first of the year (1976). By this time, another revised reprint list will be in process, another "weeding-out" process will have taken place, and we will have eliminated from xerox reprints all of the articles now contained in the three aforementioned manuals. Master reprints will still be retained by HQ, and we will obtain the xeroxing here, and ship completed copies via U.P.S. to the new Reprints manager. This sort of operation has been our goal in this area for the past two years, and we hope that it will finally come to pass.

As has been stated before, the NRC is now registered as a non-profit corporation in the State of New Jersey. This action protects the club, the editors, and the publishers as well. We also hope that we will be able to gain tax relief from the State sales tax, once our applications for Federal and State exemptions have been processed. We are also in the process of applying for an exemption from Federal Income Taxes which have been due for about 4 years according to our accountant. This measure, coupled with the anticipated exemptions, will save the club and its past and present officers from prosecution for this delinquency.

Additional plans for the future include a still further de-centralization of club activities. During the first year of our operations, Log and Pattern Book order completion was taken over by Frank Dailey; during our second year, distribution of the Antenna, Receiver, and Novice manuals was taken over by Ken Chatterton. Answering of non- and quasi-technical correspondence of a non-immediate nature was taken over by Phil Harris during our first year. Typing and re-typing for articles appearing in DX News and our other publications has been taken over by Glenn Cooper, Dale Whitehead, Don Erickson, John McColman, and Linda Brodsky. Additional typing for the coming year will be done by the same group plus Brian Vernon and Paul Wardell. The typing of labels and certain articles has been done by a professional typist locally, who performed this service at a very low rate. This has been done only in cases where time was of the utmost importance. Our information packet has been condensed into a DX-NEWS sized booklet for easy mailing to all comers, which has resulted in a further reduction of workload.

We are also planning to solicit responses from the membership regarding certain additional publications which we are not certain of the size of the potential market for, as well as regarding format preferences for the Domestic Log. The participation of the membership in this endeavour is vital so that we may produce the most convenient and useful types of publications.

Finally, we again apologise for the extensive delays in presenting the reports for the 1973-74 operating year. We did not anticipate the amount of time and work necessary to piece together the accounts not only for the past year, but for the 3 prior years of Boston publication as well. All of this information had to then be transposed into an acceptable format for filing of returns, and then submitted. We hope that the process for the data for 1974-75 will be far less trouble, and will be available around the first of the year.

Under our new Constitution and By-laws as required by New Jersey Law, the club is governed in two ways. Operating decisions are made by the Publishing Committee except for such decisions as may have outside ramifications. All other issues of major import are made by the Publishing Committee in cooperation with the major editors and committee chairmen. This means that the following people are generally in on major policy decisions: Russ Edmunds, Page Taylor, John Sampson, Bob Stonier, Alan Merriman, Wes Boyd, Ernie Cooper, Ron Musco, Frank Dailey, Bob Foxworth and Jerry Starr. New Jersey Law also requires every corporation to have a Board of Directors which must meet annually. Our Board must also be residents of the State. The Board consists of the Publishing Committee plus Tom Sundstrom, who has been one of our most active members over the past several years. This group has held annual meetings in July 1974 and August 1975. The primary subjects of discussion were a review of the club's status, a review and ratification of all major policy decisions, and the submission of projected annual reports. The Board of Directors has no actual decision-making powers other than those required by law. Due to its makeup, however, it indirectly has the power to make a majority of the regular operating decisions.

In addition to the aforementioned fiscal and page content appendices accompanying this report, there are also two membership breakdowns; one shows the numbers of members from the various states and provinces in October 1974 and again in October 1975; the other shows monthly membership figures for the past two years.

Respectfully submitted,


 Russell A. Edmunds
 Publ. Comm. Co-Ord.


 John H. Sampson
 Treasurer

APPENDIX Ia
PAGE CONTENT BREAKDOWN, VOLUME 41

Musings	190.5
IDXD	118.5
IDXD	111.5
HQ	74.0
Clippings	42.0
Supremacy Ratings	14.0
DX-Change	4.0
IDXD Features	18.5
Veries	19.5
Advertisements	3.0
Feature Articles	45.0
Technical Articles	56.0
Verie-Signers	7.0
Lists	83.5
Pull-out Lists	43.0
Misc. & Other	27.0
	<hr/>
	890.0
Back Pages	30.0
	<hr/>
	920.0

APPENDIX Ib
TOTAL PAGE COUNT, VOLUME 41

20 pp	- 2	= 40
24 pp	- 18	= 432
32 pp	- 1	= 32
40 pp	- 1	= 40
48 pp	- 6	= 288
44 pp	- 2	= 88
	<hr/>	<hr/>
	30	920
Projected Total Count:	960	
Balance	- 40	

APPENDIX Ic

PAGE COUNT BREAKDOWN, VOLUME 42

Musings	255.5
IDXD	126.5
IDXD	138.0
HQ	73.5
Clippings	37.5
DX Achievements	10.0
DXChange	9.5
IDXD Features	9.0
Veries	17.5
Advertisements	1.0
Feature Articles	24.5
Technical Articles	73.5
Verie-Signers	13.0
Lists	117.5
Convention Data	16.0
Misc. & Other	27.5
	<hr/>
	950.0
Back Pages	30.0
	<hr/>
	980.0

APPENDIX Id

TOTAL PAGE COUNT, VOLUME 42

24 pp	- 14	= 336
32 pp	- 3	= 96
36 pp	- 4	= 144
40 pp	- 3	= 120
44 pp	- 1	= 44
48 pp	- 5	= 240
	<hr/>	<hr/>
	30	980
Projected Total Count :	960	
Balance	+ 20	

APPENDIX II

Financial Report - 1973-74

INCOME

1. Dues & New Member Fees:	5787
2. Reprints	1020
3. Ant. Manuals	558
4. Logs.	1620
5. Pattern Books	2000
6. New Member Kits	100
7. Samples, etc./Misc.	135
	<hr/>
Subtotal - sales	5533
Total	11320

EXPENSES

8. Printing - DX NEWS	4038
9. Postage - DX NEWS	2504
10. Info packets	80
11. Postage - IPs	80
12. Cost of publications	1215
13. Postage of Sales	802
* 14. General Opns. Costs	1929
# 15. Miscellaneous	336
	<hr/>
TOTAL	11184

NET OPERATING GAIN: \$136.

ASSETS (Cash & Inventory): \$4140.18

LIABILITIES (Deferred Memberships)
: \$3985.00

Net worth (10-1-74) : \$155.18

* Included in Item 14 above is \$401 of one-time organization expense for N.J. opns.
Included in Item 15 above is \$296 NJ Sales Tax.

APPENDIX III - MEMBERSHIP BY STATE/PROVINCE

Column 1 lists the state, 2 the 1973-74 total, 3 the 1974-75 total, as of 10/1.

AK	-	2	2	KY	-	9	15
AL	-	4	4	KS	-	1	5
AZ	-	5	6	LA	-	5	5
CA	-	54	69	MA	-	33	38
CO	-	3	5	MD	-	21	27
CT	-	14	16	ME	-	5	5
DE	-	4	4	MI	-	10	15
DC	-	0	1	MN	-	7	12
FL	-	20	20	MO	-	11	13
GA	-	8	9	MS	-	1	2
HI	-	2	3	MT	-	2	1
ID	-	1	2	NE	-	8	11
IA	-	4	6	NV	-	0	1
IL	-	22	33	NH	-	3	5
IN	-	6	7	NJ	-	31	45
WI	-	56	72	WV	-	4	6
NC	-	6	9	VT	-	16	14
ND	-	4	3	WA	-	11	15
OH	-	31	40	OR	-	25	21
OK	-	5	6	PQ	-	9	7
OR	-	5	8	AB	-	4	4
PA	-	36	44	BE	-	6	8
RI	-	2	2	NB	-	1	1
SC	-	3	3	NS	-	1	1
SD	-	1	2	SA	-	2	3
TN	-	5	6	BC	-	4	4
TX	-	15	17	NWC	-	1	0
UT	-	3	2				
VA	-	10	12	Foreign	-	22	27
VT	-	2	3				

NATIONAL BROADCASTING SERVICE OF TRINIDAD & TOBAGO LIMITED



17, ABERCROMBY STREET, PORT-OF-SPAIN, TRINIDAD, W.I. P.O. BOX 610 CABLES: VOICE, TRINIDAD. TELEPHONE 32618

DIRECTORS: ~~XXXXXXXXXX~~ (CHAIRMAN), L. P. FARFAN, G. JOHN.

J. Bain

Our Ref: FT/bs.

December 2, 1975

Mr. Robert L. Foxworth,
147, Marcellus Road,
Mineola, New York 11501,
U. S. A.

Dear Mr. Foxworth,

We are very pleased to receive your Reception Report of NBS 610 RADIO's Transmission on 610 KHz in Mineola, New York. We wish to verify that the details you submitted of our programme are correct according to our Transmission Log for November 24, 1975.

You will be interested to know that NBS 610 RADIO operates on 610 KHz with a power of 10 kilowatts, using a single tower, 360 feet high, radiation being omnidirectional. We transmit also on 98.9 MHz FM with 250 watts using an Andrew Multi-V Antenna System and also on FM Stereo on 100 MHz with 3 kilowatts.

Best regards.

Yours sincerely,

Frank Thompson
Frank Thompson
General Manager/Chief Engineer

Equipment & Engineering

Future seen for AM stereo

On-air test finds compatibility with receivers now in use; FCC to be asked to OK service

Kahn Research Laboratories, Freeport, N. Y., expects to ask the FCC to permit AM radio stations to broadcast in stereo. The Kahn AM stereo system has undergone a six-month test authorized by the commission on WFBR(AM) Baltimore. The test data will be submitted with the petition for general approval of AM stereo.

One purpose of the Baltimore experiment was to determine whether stereo broadcasts could be received without distortion on monaural AM sets, the only kind now in general distribution. The station and Kahn officials reported that no complaint had been received during the entire test period.

Kahn spokesmen said the company has no plans to enter the receiver market, even if it is opened to AM stereo.

The big plus for AM broadcasters in going stereo, said Leonard Kahn, president of Kahn Laboratories, is in car radio reception. Floyd Daisey, WFBR chief engineer, explained that an FM signal, with a "sharp threshold," is sometimes lost to car reception because of changing terrain while an AM signal would be less susceptible to that problem. Harry Shriver, president and general manager of WFBR, suggested that the AM stereo provides "self defense" against FM stereo.

RCA has demonstrated an AM stereo broadcast system at the National Association of Broadcasters' convention last spring (BROADCASTING, April 14). RCA is currently working on a prototype system, with several refinements in the one demonstrated at the NAB, to be field tested under the auspices of the National AM Stereophonic Radio Committee sponsored by the Electronic Industries Association.

CLIPPING CORNER

WFBR, however, is the only U.S. commercial station that has tested an AM stereo broadcast system over the air. XTRA(AM) Tijuana, Mexico, has tested the Kahn stereo system.

The Kahn stereo broadcast system produces an asymmetrical sideband signal, as opposed to regular AM which produces a symmetrical sideband signal. The resultant phase-shift characteristics were a subject of concern voiced by several of the dozen engineers and station management people on hand for an Oct. 31 demonstration of the Kahn system at WFBR. The question often raised was whether the small-time delay in phase modulation on the carrier would create spurious sideband interference. According to Mr. Daisey, there is no effect. There is a loss of 3 db signal-to-noise ratio in the stereo mode, since the over-all power is split in half by separating the sidebands.

Preliminary test results showed no skywave interference to clear channels from stereo AM broadcasting. Mr. Daisey also said that the Kahn system is adaptable for matrix quadrature broadcasting. Aside from RCA and Kahn, a group called Communications Associates in Hicksville, N.Y., has also shown interest in developing a stereo AM system. The National AM Stereophonic Radio committee anticipates submitting a report to the FCC on the various proposals for an AM stereo broadcast system in a "year or so," according to its chairman, Harold Kassens, who did not attend the WFBR demonstration.

Broadcasting - Nov. 10

editor: Ernest R. Cooper
5 Anthony St.
Provincetown, MA. 02657

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.

GENE S. ALLEN - 134 Bret Harte Way - Vallejo, California - 94590

Thanks to all who have written regarding my request for a new RX. Also, thanks to Mike Worst for the KYAC address. Since last report veris are in from KYAC-1250, KMPS-300, KMOR-1230, KRDR-1230, & KFTV-1280. Total, 2,853. I reported HJAJ-760 on 7/16 & sent airmail f/up on 9/9. During the last two weeks, I have received two penants from them but no veri. I reported KBSA-1610, Boy Scout station in Fairfield on 10/12. They were testing new wired station, to be heard only on Cable TV Channel, but were getting out on 1610 for some unknown reason. They never answered even though I used PP/c. So far, I have not heard a Club Special in 1975. I try for them but as usual they are on a channel covered by ANs or too early (prior to 3am EST) for us. This has been the plight of the WC DXer for many years. I was up this AM & heard R. Sabah-1475, North Korea-816 & Japs on 830 & 870 at around 7am without using the loop. On 10/27 weak European carriers were heard on 845 & 1016 from 8:40 to 8:55pm. The signal on 1016 is believed to be West Germany & not Turkey as its bearing was slightly NE of the 845 carrier on the SM-1. Good DX to all in this DX year of low sunspot activity.

NORMAN MAGUIRE - 2877 Kalakaua Avenue - Apt. 703 - Honolulu, Hawaii - 96815

I have recently returned from my first trip "Down Under." It turned out to be a DX Holiday, visiting many of the world's top DXers & seeing both them & their DX sites. I took an Air New Zealand fly/drive trip where a car was furnished & hotel/motel accommodations each night. I arrived in Auckland on a rainy SM. Barry Williams & his family took charge of me. I had the pleasure of visiting the fabulous DX location of the late Lloyd Clayden at Whangaparapa Peninsula with some of their 2,000' LWs, about 26 miles N of Auckland. We visited 1YA, 1YC, 1ZB & 1ZM XR site where Alan Roycroft once worked. Then we drove to Tauranga to Te Puke where I saw 1ZD, 1YZ & 1ZC. On toRotorua where I visited the studios of 1YZ & 1ZC where I was shown around by Mr. Oliver, the accounting manager of those stations. At Lake Taupo, I saw the neat Community Lakeland of 1ZA. In Wellington, I met Bryan Clark & his wife for dinner & a DX session at their home. That night, my windshield frosted up & Bryan led me back to my motel. It rained & the winds rose that night. The next two days, Warren Powis & his wife showed me some of Wellington when it was clear. We went through the 2YA, 2YC, 2ZM XR building. We had some fine DXing at Warren's home. All North Island DXers had wonderful veris collections. Many U.S. veris I'd love to have. We took the ferry to Picton the day after a bad storm in Cook Strait. It was rough! We drove to Greymouth on the West Coast. We saw 3YZ and 3ZA as I left for the glaciers in pouring rain. We stayed at Franz Josef, but the ski-plane was not flying up on the glaciers. We went via Haast Pass to Queenstown, located on a beautiful lake with snow-capped mountains all about. The following day we drove to Invercargill where I was greeted by hail as well as rain. The first night, we had a fine DX session at Sutton Burtenshaw's with Ray Crawford and Steve Greenyear present. DX was fantastic in the early evening on on Sutton's Hammarlund. The next day, we spent quite a bit of time with Art Cushen. Then Merv Branks, Ray Crawford & I drove to the Tiwai DX crib down at the Bluff Peninsula. More next week.

IDEN B. ROGERS - 3714 Hoover Street - Riverside, California - 92504

It has probably been ten years since my name has appeared in the Musings - same on me! ECB DXing is only one of many hobbies for me & as a result gets only a portion of my time. Even so, off & on, for almost 20 years it has given me a great deal of enjoyment & I expect that it will continue to do so. The time has come for a better RX & I would very much like to draw upon the experience of other members. I have more or less narrowed it down to an SPR-4 or R-388. Unfortunately, I have never operated an SPR-4 & only have about 30 minutes on an R-388 or I probably could come to a conclusion myself. I would welcome any comments & opinions on these receivers & perhaps others. If any Southern California listeners would care to offer a receiver demonstration, I would be delighted. May good DX fall upon your antennas for coming to my rescue. 73. Phone is: 714-688-1168. * I'd go for the R-388. No comparison - RJE
NO ISSUE NEXT WEEK - CHRISTMAS, YOU KNOW! BUT WE'LL BE WITH YOU WEEKLY ONCE AGAIN STARTING WITH NEW YEAR'S WEEK. MAKE THAT 1976 RESOLUTION NOW TO MUSE REGULARLY! M U S E !

JOHN R. SALLY - 29926 Truman Avenue - Wickliffe, Ohio - 44092

Hi all! Merry Christmas. I've done little DXing this past week due to my wonderful QRN here. It's been around as long as I can remember, but used to show up only occasionally & not stay very long. For the past week it's been around constantly for 24 hours a day. It's quite annoying & destroys the entire band. Here's the biggest mystery. I've driven around in my car & it exists for miles & miles, more severe in some places than in others. Is there anything that can be done about stuff like this? (Contact your local power company, John! -ERC) Well, here's some DX I did manage to get before the QRN went crazy. 11/24- WYDE-850 u KOA w/local WJW off @ 12:59am; WTAX* 1240, WTT & ID @ 1:38am; WCVS-1450 w/rr @ 1:49 (funny to log two Springfield stations minutes apart!); WMMT-1520 w/TT & IDs on TEST fair @ 3:05am (wasn't it convenient for Toledo DXers that WANR-1520 somehow went off the air for two minutes during the WMT TEST, hi). WKIS-740 w/WX weak but alone @ 3:15; CFRY-920 @ 3:42am good w/"Manitoba's 24-hour country mx station"; WTTI-1530 testing w/rr @ 3:45; WIID-1090 w/polkas @ 2:30pm; WMAN-1400 w/ID @ 3pm. 11/25- WYWN-1260 weak w/ID @ 11am w/local WJY nullled on cut power. They have been testing their new XR site for weeks now & are frequently noted on cut power during the day. The general sales manager says they have been running non-directional 5kw on the new site from midnight to 5pm & will continue to do so until about the end of December. They should be an easy log till then. Starting in Jan. they will run a new night pattern w/a big lobe at A kron, figure-9 style I imagine. They claim they will have the best signal in the area next to WWVE. I think the NRC & IRCA should remain separate clubs. To merge the two would result in a gigantic fight involving everyone & mean the end of both clubs. Hey everybody, Paul Mount can (or used to) be heard on 99x, WKLO in New York, weekly! Let him explain it. I got a chance to hear those DXer reports being broadcast weekly on KDOWN-720 via tape from Bill Harang of IRCA. They are very well done & should give the IRCA more business, hi. Oh well, gotta go now for 30 is not far off. Tapesponders & letters always welcome. Happy Holidays to all & 73s.

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

Well friends, rotten CX during the past couple of weeks have limited the DX here, with only seven stations added since last report. 11/24 saw a good western opening & KTLK-1280 & KLZ-560 were both logged within minutes of each other, 1:40am. 11/29- Very strong signal on 810 w/continuous rr attracted my interest @ 1:35am & I was rewarded @ 1:39 with an ID from WSJC on test. Obviously they were using 50kw as signal was S-9 knocking out WGY entirely. Same morning I heard WPTF-680 first time here, 2:02-2:39, very good signal but w/some KNBR QRN. 11/30- WINS-1010 heard 12:21-12:49am u/CFRB, very rare here. Two r/cs heard 12/1 that I didn't have: KNOX-1310 & KBTA-1340, both good at listed times. And that's it. Richard Dale in his last Muse suggested sending info to stations on DX hobby, NRC, etc., which I think is a good idea but expensive, such activity probably costing in excess of \$1,000. I do think something of this nature must be done as I find that ignorance of what veris are & loss of the reports by careless station personnel are the chief factors in low returns. Perhaps some of the members would be willing to foot the postage bill in their regions & maybe some would donate to a fund for the Club to conduct a public relations campaign. I believe we must eventually do something in this matter. If something is decided upon I will be happy to volunteer as a coordinator of such an effort in any way I might serve. On another subject, I am not against a merger with IRCA but I don't see what advantage it would be for NRC. I do not believe it will ever occur as many members of IRCA are opposed to NRC's form of government & vice versa. I personally am against any changes in our present NRC system, both of government & publications policies. To all, a very happy Holiday season.

RICHARD DALE - RR #2 - Box 218 - Buffalo, Missouri - 65622 That's not what was said - RJE

Re the Publisher's Corner in #6. How was the NRC when it was 11 years old? Certainly not as stable as it is now. Yes, many are members of both clubs, but the opinion expressed is that someone would not care to have 50 to 100 additional members, but brings this up while mentioning membership increase/decrease. Another statement was made to the effect that IRCA does not allow DX reportage. This is not true. ONE editor limits the amount, but does allow some. Who really cares to see a list of 20 to 30 stations, with no tips, just call letters, when the column is for tips, comments, opinions, etc.? A lso, people who don't participate in voting, Forums, etc. usually don't "govern" the IRCA. It is the people who are most affected by it, the ones who contribute. All I see in DX NEWS are columns, never any voting outcomes, etc. In many instances, IRCA has the outcome of votes. I have no grudges against the leadership of either club, as long as it works satisfactorily to the rest of the membership, & if either club folded or ceased to provide to the members what it was designed to, I would not hesitate to join another club. DXing is a HOBBY, not an obligation to the club & the

(Dale) con'de rest of the members. However, should those 200 IRCA members withdraw their NRC membership, what would happen? Why shouldn't NRC members be allowed to express an opinion? It's their dues. *See Bob Foxworth's Muse last issue. Also, fully 95% of IRCA's "votes" are formality. Why vote if there's no choice? - RJE

YNGVE MATSSON - Tansjarv = 950 60 Overkalix, Sweden

Greetings to you all in NRC. Several months now since my last Muse so maybe time for another. The NA listening season is here again, & this year seems to be a very good DX year. My first NA this year early in Sept. & then many days in Sept., Oct. & Nov. very good for NA DX here. A rather busy time at my farm this Autumn maybe gave a little less time for DX than expected, but I'm anyhow rather satisfied with 25 new NA stations reported until now. More spare time later in the Winter of course means more DX if the listening CX allow it. Well, some words about my RX which this year has its 35th anniversary. German war surplus made by "Lorenz" back in 1940, but still going strong, even compared with modern receivers. The Drake SPR-4 probably is the most popular RX at the moment in Sweden. Looking around for a new RX sometime in future I probably will choose either one of the Collins models or a Hammarlund. Good, ain't they? At the moment I use three different antennas, one only 50 metres long running due SE/NW. My second antenna a 400 metre LW in direction to NW. Finally my most used NA antenna, a 600 metres long "Beverage", resistance terminated in the far end trying to "kill" the not-wanted strong Europeans coming in from S. Veries received this Autumn: KCOL-1410, letter, postcards, info from GM; KYXI-1520 letter, postcards, CM, station info, 1/2-hour tape of KYXI programs. KOMA-1520 letter, stickers, etc., WLAC-1510 v/l & finally v/l from WWTC-1280. My verie total now for USA, 35 states & 80 stations, & for Canada, eight provinces & 41 stations. Not too impressive maybe, but a little more tricky to hear U.S. from my location probably. However, it seems I here in Northern Sweden much easier can pick up for instance, Alaska. Very few times when Alaska mentioned in DX NEWS, while I here for instance have KJNP-1170 & KIAK-970 as most common NA on MW. Also KYAK-650, KPAR-660, KFGD-750, & now also KANC-1080 rather often heard. Maybe not strange at all when these stations probably blow all their power to N, protecting stations in S from interference. That fact suits us here in N. Sweden just fine, 'cause we get our NA signal from N or NW. At the moment waiting for verie from following: KDAY-1580 heard 10/19-25-26; KBBQ-1500 10/25, CFOK-1370 10/19, KSLM-1390 10/19, CJWB-1470 10/26, CJVB-1470 10/29, KEX-LW 10/19 WJR-760 10/35, KGA-1510 10/25, WJOM-1390 11/4, XERF-1570 9/24, CHTN-1190 11/4, KWNL-1330 9/24, WL0L-1330 9/24, CHAK Inuvik NWT-860 10/31 & 11/2, WIRE-1430, KNIE-1530 11/28, & finally some f ups to stations reported last year: CFCT-600 a "rare" catch from Tuktoyuktuk NWT 1/1/75, KPNW-1120 & finally KXLF-1370 4/5. Sometimes, one on tape has stations tricky to ID, so I here finally wonder if there maybe is someone in the Club I now & then could send tape or letter to if I hear an interesting station hard to ID? 73 & MERRY CHRISTMAS.

DARIO MONFERINI - Via Davanzati, 8 - 20158 Milano, Italy

10/25 with a Grundig 2000 of my friend Mr. Garindo here in Milano offered a real surprise for Italy, yes WOAI-1200 St. Antonio! Never heard before in Italy, time 19.25 (EST -1), also interesting was to hear WOKO-1460 Albany, CFGO-1440 Ottawa, my preferred NA station this day coming like a local! Also new was WTOP-1500, my first Washington XR. The same day I held a DX trip to Torino, 120 km far from Milano to the W at the farm of a friend who has a very good Collins URR 392. The results have been really nice if you only think already @ 18.10 EST! New York stations were coming: WJNS-1010, WHN-1050, WRDH-850 Boston, new for me, WERE-1300 Cleveland, again WOAI-1200, YVTB-980 R. Excitos, Maracaibo mixed w/A.I.R. Raipur-980 (both separable with loop!), WTOP-1500; WBT-1110 Charlotte; YVOV-540 R. Perija (with sport match Olimpia-Perija). 10/28 at home, a second surprise, KMOX-1120 came clar from St. Louis @ 2000 (EST -1). This station usually was supposed not possible in South Europe (our plans so must be revised, hi!) The 11/1 was like the other years here, full of Orinoco voices, particularly from YV stations. New for me, R. Radhika-640, sent taped report; YVLA-650 R. Vision, Maracay; PZY-26-725 Surinam, this one booming & believing to be at Paramaribo under a palm!, YVKS-750; HJKH-770 R. Tequendama Bogota. 11/3 was noted an extraordinary French service in the network of Morocco on 701, 827, 1016 (this not mentioned on WRTH) closing down @ 1800 EST 11/4- I noted some Spaniards with extra service due to the agent of Premier Franco in parallel // w/R.N.E. (on 1133 for example, La Voz de Castellon), however all chesing down @ 2100 EST at maximum. Last notation 11/5, I noted Milano-899 off as usually 18130 onwards, only noted in the middle of tremendous electrical storms, YVMD-900 R. Mara. Once again, Barbados remains my dream, hi! And so I conclude with my very 73 & 51 to all, ciao from me.

THE ISSUE TO BE DATED JANUARY 19, 1976, WILL BE THE LAST ONE IN WHICH WE'LL PUBLISH YOUR THOUGHTS ON IRCA /NRC MEMBERSHIP. IF YOU HAVE ANYTHING TO SAY, SAY IT NOW! -ERC.

CARL W. DABELSTEIN - 3139 North 65th Street - Lincoln, Nebraska - 68507

One never realized how dependent they can become on a tape recorder for BCB DXing until you have to DX without one for a while, while it is in the shop. The WVOG-600 TEST on 11/17 was heard poorly w/mucho SS QRM. KXPO-1340 (ex-KJPC) in Grafton N.D. heard ID r/c-TT @ 2:51. At 3:15 I noticed WCCO running some of ET w/TT/OC. I played with the loop a little & was pleased to log KIKI in Honolulu. This was my first NEW Hawaiian logging since I got KORL, KA IM, & KHVR all within the same month back in 1963. WEKY-1520-TEST heard w/difficulty that MM, too. On 11/20 I got the s/off of WOSU -820 Columbus @ 6:30. 11/24 brought KILIC-1230 ET/TT @ 1:20, WLDY-1340 r/c-TT @ 1:35 and WTA X-1240 @ 1:50, all unnn. The KSIR-1470 & WMTT-1520 TESTs were both heard quite well. KFA B-1110 noted off, but only WBT coming through. On 12/1, WYSH-1380 in Clinton, Tenn. was heard w/an ET @ 1:15. KWIP-1580 heard @ 3:17 warming up for their TEST. Later, WPMP -1580 Pascagoula, Miss. heard s/on @ 7. On 12/3 I came across unnn KBUN-1450 running ET/TT @ 1:20. Latest veries to come my way include v/ls from WJON, KSMM, KXPO, KTON, KRZY, WYXI. V/qs from MAYC, KJJJ, WOSU, KIKI. V/f- WROA. Totals now at 1,782 verified. I had hoped to reach 1,800 by the end of the year, but I doubt it now. In connection with some of the recent comments about the size of our Club, I'll bet that if you added up the NRC & column editors, regular Musers, & the active CPC you wouldn't even be close to 10% of the total membership. On the subject of CPC, I would appreciate those of you who tune in TESTs but don't collect veries, to please at least drop a postcard to the stations you hear. Last year, I had KHUB run a DX, & noticed at least 13 different DXers report in DX NEWS they heard them but when I visited the station a couple months later the CE told me he received only FOUR reports. Since he had to drive 30 miles each way to run the DX, he was a little steamed about the poor response. Luckily, he seemed satisfied with the Xerox copies of Musings & DXDD reports I later sent him about the TEST. Remember, these TESTs are a service provided by the stations to us DXers. Let's be sure & show our appreciation. Till next time remember, you expect more from the NRC - and you get it! 73s. *But if you added regular DXDD & DXDDert, it would be over 10%! RJE

PAUL MOUNT - 471 Emerson Avenue - Teaneck, New Jersey - 07666

What do you call CX when you get Alberta, Kansas City & Colombia in the same morning? Good I guess, or openings all over. That was 11/17 as you read in my last Musing. I wonder if I heard something the NYC phenom needs? I was thinking of having an NRC-oriented get-together around Thanksgiving time, but company & Achievements coming up pre-empt that. Veries in since the Summer: WTYM, WIVE, WFTN, WBEW, WHIO, WHAZ, CKCY, WNDJ, WNSC, WVCH, WJMS, WPCM, WRRH. V/s enclosed too, I missed them last time. Why is it the days like M's when I feel like DXing and/or stuff is coming in are the mornings when I have school? Oh well, I still did well in school the first marking period. I see Mutual's gotten off their Nitecap nationwide thing, is that good or bad? (Not bad - for Jepko, that is! -ERC) I hope to see a Musing from Peter Kemp by the time this is printed re the new TRF. I'll probably get it (my 900th portable, hi) since the Panasonic is a bit weaker than it was new, thanks to gettin' soaked once, & stuff, & RKS' R-5 is stronger but has spurs abounding on 550 & 1270 - I can't do 540, & I can't null with it. I could with an SM-2 & the Ameco like he did, but if the TRF works with the SM-3 I'll take that, being the portable, hi. Good to see a Musing from John Sally, the second NRCer in Wickliffe - remember David Kable? I don't; I joined too late. Oh - WMAQ doesn't cover Ill. in their .5 - I checked their CM, nor in their .1 though they hit Ohio. RKS listed locals in his daytime list because they were frequencies where other stuff was heard too. I need a third of them. 73.

TONY LAGATTUTA - Box 6291 - Portsmouth, Virginia - 23703

DX NEWS is really great & like a special friend coming to visit me each week. Again, special praise goes to all responsible for this fine publication. I have enjoyed reading again in DX NEWS 11/11 the amazing article on a special DX RX by J.A. Worcester. It is about the most comprehensive & professional treatment of an RX designed for this purpose which I've ever seen, except for some data sent me by fellow NRCers which is greatly appreciated. I'd enjoy reading the results from using Worcester's RX in these pages from someone who purchases one, especially in separating adjacent channels from strong locals in the daytime. Recent DX not spectacular but as always, welcome here. 11/29 - A t Sleepy Hole in Suffolk, Va. WIKI-1410 fair to good @ 10:44am. WOND-1400 fair at times w/WPCB-1400 nulled. WPCB used to be WLOE which went to WHIH, then WROC. WKIK-13701370 & WJWS-1370, no trouble w/WKIX-1350 w/new i.f. strip. WEED-1390 also daytime w/good signal. Previous ones from Sleepy Hole. I finally heard WPNC-1470 in daytime on 11/30 from a point approximately seven miles W of downtown Suffolk, fair. 12/1- WBZ-1030 - WSB-750 at high noon weak-to-fair, heard ten miles W of downtown Norfolk. None of these good daytime skips come in at home near downtown. 12/2- WBEW-930 @ 6:55pm, most every-thing here is from the S in evenings so this is a welcome one. CKLW-800 clear @ 8:35pm,

(Lagattuta) no sign of TWR. WA DO-1280 clear @ 9:30pm, SS I presume. WTOC-1290 clear @ 9:56pm. WTNT-1270 @ 10, clear. 12/3- WHHH-1440 s/on @ 5:30am, not new. In the 50's so many s/on @ 5 & 5:30, but now hardly any, have they all gone NSP? Best wishes.

ROBERT L. NOWAK - 57 Beesley Avenue - Chicopee, Massachusetts - 01013

Biggest news here concerns the virtual rebuilding of my old HQ-120 & the acquisition of a 4' altaz loop, both courtesy of Steve Bohac of Fairview, N.J. Steve's a first-rate craftsman of the old school, & reasonable, too. He took that tired old 120 which we think was the first of the Hammarlund line, & rebuilt it almost from scratch. The parts replaced nearly filled a ten-pound potato sack! And the loop he built is a real work of art. With this dynamic duo together, TAs were heard which never made it in before, for example: Rome-845; Murcia, Spain-854, & Toulouse-944. These were heard before the TA "Iron Curtain" dropped, at least around here, hi. For those of you like me who can't or don't have the time to build loops or rebuild or realign your sets, take my word for it, Steve's the guy to contact. His address is in the latest Membership List. You won't regret it. Another great experience was visiting Colonel "Bill" Bailey, of Holden, Mass, & being treated to a demonstration of his "rotating Beverage" antenna. This setup is so "state of the art" that poor reception for Bill is three stations per channel instead of six! Bill & Gordie Nelson have been experimenting with electronically rotatable Beverage antennae at Bill's home & also at a site in N.H. These fellows can null out 50kw WBZ, a nearby local for them, & reel in Mexico City! They can achieve separations on stations on the same bearing from their homes, such as Upper Volta & Barcelona on 737; the Swiss & Algerian on 529; & WKEW/KOMA-1520. Besides being very personable guys, they are DXing way up in the upper echelons, & it was a thrill for me to see it in operation. I hope I get the chance again! A great Holiday Season to all!

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

DX here has been slim indeed w/CX Auroral & generally poor. Still, I have to make my appearance occasionally, so here we are. No new catches in quite a while. SM 11/23- Unn W3TO-540 on powerhouse ET, I thought 'twas local WLLX, running tape with "Miracles" & "Lyin' Eyes" & DJ talking, speed-ups in tape did interesting things to his voice. On 540, I could've sworn I heard R. Nacional ID, but they aren't on the air, are they? I still need positive IDs of some LAs there. Rare semi-local WEXT-1550 on ET @ 2:11. TT-1330 u/WFCB 2:15. Someone playing c/w records w/the Cuban & a wicked het, obviously a tester, this 2:10-2:13, on 1560. ('Twas WKOG, Eric -ERC) MY 11/26- WASR-1420 TEST tried, only weak TT (1200hz?) heard, I don't suppose it was they. MY 11/24- WJRI-1340 & WOND-1400 r/cs both appeared to be on, so what? WASR was 12:05-12:08 cut, or maybe deep fade, at any rate they did not surface again. 11/27- I realized for some reason L.I. stations s/off times this month are 4:45, contradicting maps. WGLI-1290 barreling in, pre-pattern change, then zoot! Gone @ 4:45. Fri. 11/28, rr-590 w/WARM/WEEI on top, who wuzit? Fidel came on @ 2:20 as the unID peaked & was about to ID as needed WGW or WILK (in my thoughts, hi) who else could it have been if not they? CKCM-980 buried my spurs of NCBS/WABC/WINS/NBC on 981a & 990. Also something on 978, methinks the RK needs an alignment, or a consignment (to the circular file, hi) or something. WILK-980 does not s/off @ 2 as heard @ 2:40 on RS. What a mess. CKCH-970 RS 2:56, change log. (AN for years now, Eric-ERC) SM 11/30- WROK-1440 500w powerhouse w/rr 1:32. If they have a DA, I'd say it was out of line. What is the sked of CBAF-1300? I think I heard FF 1:51, but that's what I wanted to hear, hi. WWDC-1260 w/messed-up pattern 1:53, WBUD seems to have fixed theirs up, I just realized. As the month ended with some non-skip days, I wasn't able to check, but I think the two s/off's I heard earlier this month (one w/SSB) @ 5 would be WDDY & WKCN, both on 1420 in Va. Anyone have another idea? 73s.

LINDA BRODSKY - 245-16 149th Avenue - Rosedale, New York - 11422

There's a new addition to the DX den here. She arrived on Nov. 25, weighs only 6 lbs. 12½ ounces, is 20" long & her initials are S.M. No, people, she's not a new Space Magnet - actually her name is Sharon Michelle and she's a real DXer's aid since she wakes me up around lam every night. Now, if I can keep my eyes opened at that hour, maybe I'll bag some new ones. After the great TA opening of late September things got pretty auroral & awfully noisy. I also am having a bit of trouble with the R-388. The previous owner made a modification which is kind of sloppy & somehow the BFO is tied into this & has conked out. I won't dare touch anything since I'm truly inept so it'll stay the way it is, until I can get someone knowledgeable to fix it. Well, I'll s/off here. It's time for another feeding. Good DXing to all. (CONGRATS, LINDA! -ERC)

TO REPEAT - WE "MOVE THE QUESTION" on the SUBJECT OF MERGER AFTER THE DX NEWS DATED 1/19. IF YOU WANT TO COMMENT ON IT PRO OR CON, THAN - BE WARNED - DO IT N-O-W-I

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

CHAPTER IX - THE MEXICAN BANDITS - By ERNIE COOPER & BEN DANGERFIELD

And then there were the Mexican super-powered border stations having Mexican transmitters and U.S. postal addresses. At one time, these stations included XEPN-585, Piedras Negras (Eagle Pass, Tex.) 75kw; XEF-XER-735, Villa Acuna (Del Rio, Tex.) 150kw (later on 835 kc/s.); KEAM-965, Reynosa (Brownsville, Tex.) 50kw; XENT-1115, Nuevo Laredo (Laredo, Tex.) 150kw. These stations were a source of continual controversy, and often changed frequencies. They peddled quack medicines and gadgets, and at one time were put off the air by the Mexican government, but they came back. They made radio just that much more colorful. XER-735 was owned by Dr. John R. Brinkley, one of the allegedly "quack" doctors claiming to have a cure for cancer. XENT-1115 was owned by another such doctor, Dr. Baker, who had had a hospital in Muscatine, Iowa, and a radio station there, KTNT, I believe on 1170 kc/s. then, but which got bounced off the air by the FRC for what it considered phoney medical advice. So he moved about two inches to the Mexican side of the Rio Grande, and put on this 150kw powerhouse on 1115 kc/s. and along with the v/q would often come a magazine showing some exceedingly disgusting photos of cancers in every conceivable part of the human body. He claimed to have a bloodless, operation-less cure for this still unconquered dread disease. Evidently it must have been untrue, or else he would be famous the world over today. At one time, there were TWO KEAMs on the air at the same time with different programs, but similar - country music and mail order ads. One was on 1010; the other on 1570, and my veries are on the same day, 10/27/41! XER got bounced by the Mexican government at the insistence of the U.S. FRC, but eventually resurfaced as the even-to-this-day border broadcaster, XERF, but Dr. Brinkley is long since gone. In fact, he was burned to death in his transmitter room, when he grabbed the lead wire to the antenna, only something like 100kw! You might hear an ad for a Bible offer, and then, after a song and twanging guitars, an ad for a handgun! Ben wrote the first eight lines of this chapter, and as he says, they were indeed colorful stations, but even though they were among the first all-nighters, they were ready verifiers for DXers everywhere. And in the next two or three chapters of Mothball Memories, Ben D. is going to take us on a tour of Beautiful Downtown Pittsburgh. We know you will find them interesting!

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

No MM DX session due to deer season in Pa. on 12/1. No self-respecting nimrod would dare do anything else but get a good night's sleep on opening day, hi. This week has been quite favorable for foreign DX. On 12/3 I heard my first European. More on that later. 11/30- 12:36am, WING-1410 C. coming in strong w/WPOP. 12:37, KQV-1410 Pittsburgh making a somewhat rare appearance here. 12/1- 6:23pm, ZBVI-780 B.V.I. in w/excellent signal, so good I thought WEM adopted a rr format, hi. Numerous ZBVI SIDs were heard & ad for Marlboro cigarettes. I haven't heard one of them in years! 7:27, ZIZ-555 St. Kitts w/jazz. 12/3- 1:05am, WDR-1586 in w/incredibly strong signal after WQQW s/off w/upbeat type EL mx. More info will appear in IDKD. There was a station on 1554 w/cl mx which must have been France. 4:30pm, WDLA-1270 Walton, N.Y. finally heard very weakly w/local spots w/WLBR mhed. I couldn't tell the type of mx. 5:10pm, WTGR-1520 S.C. in/out w/rr. 5:15, WDKD-1310 S.C. heard well on s/off. 9:29pm, WJHM-960 Colombia heard while looking for them, with typical Sintonia s/off. WKAQ-580 heard @ 10:13pm w/WKAQ SID. My total is at 742 heard. 73.

RAY ARONDA - Cove Motel - Box 278 - Orleans, Massachusetts - 02653

Did anyone else besides me receive a Christmas card from Grandma Greene & Little Mo Mi? Who is this avid California DXer? I was in ERC-land on the afternoon of 12/5. DX time is still confined to MA's here as I'm still in Cape Cod during the week, working. MY 12/8 was only mediocre with WJRI & WNTY the only TESTS to make it here. Three interesting veries: v/1 from WEA3-1470 for Tenn. #11, WASR-1420 for r/c, & a prompt v/1 from WEEZ's Dave Schmidt. It would be nice if all stations replied as quickly as Dave, including all our non-verifiers! I'm counting that somewhat peculiar letter received from WASR as a verie because I, along with four other DXers, sent reports that could have been verified, but weren't for some strange reason. I'm 200% sure I heard 'em. 73. * I got such a card, Ray. Never heard of her! Sent to all IRCA members! - RJE

REMEMBER, THE LAST ISSUE IN WHICH WE'LL CARRY COMMENTS ON MERGER WITH IRCA WILL BE THE JANUARY 19th DX NEWS, DEADLINE FOR WHICH IN PROVINCETOWN WILL BE THURSDAY, JANUARY 8! WE ALSO ASK YOU TO GET IN THE HABIT OF Musing LIKE THE REGULARS WHOSE LOGS YOU READ HERE EVERY WEEK! ALSO SEND IN THOSE VERIE SIGNERS' NAMES ALONG WITH YOUR Musing. OWN!

JOHN SOMMER - 1022 Catalina - Fort Wayne, Indiana - 46825

Have any of you ever heard WMEE-1380 (ex-WKJG), WLYV (an NSP - grr!)-1450, WFWR-1090, WGL-1250? All are in Fort Wayne. WOWO I am sure you have heard. The proposal to increase powers on the clear channels worries me, though not as a DXer, but as a citizen. WBZ & KFI don't offer any programming or public service radically different from three dozen of the area stations. WQXR or an N.P.R. (? -ERC) might deserve it. Too bad the U.S. will never establish a counterpart to the C.B.C. Does anyone have any ideas on what ITU or the FCC is going to do about limited radio spectrum? In my opinion clear channels are generally unnecessary and daytimers are a waste since they can't broadcast half the time. (Half a loaf is better than none, John, as the saying goes, & welcome to the NRC! -ERC)

ERNEST R. COOPER - The Cape Tip DXer - 5 Anthony Street - Provincetown, Mass. - 02657

I am trying out this Smith-Corona elite portable this one issue - I bought it at a porch sale here for \$3! The one I've been using this season is also a Smith-Corona portable, but is pica type. I sold "The Magic Typewriter" which was an old Model A IBM electric. It was not a portable - in fact, I could hardly lift the thing! No veries this week. Anybody have v/s for some AN regionals who've been holding out? I refer to WVON-1390, WFTP-1330, and WETE-620. DX Down the Six-day period of this issue: 12/3- Unn WOL-1450 almost in the clear @ 2:35am, NN programming. WFLI-1070 doing one of their booming rr tests @ 2:45. 12/6- Unn WBKC-1560, Chardon, O. on ET/mx and asking for phone calls - sounded like a good bet for an NRC TEST so I tried. Unn WHAZ-1330 ET/TT @ 2:25. A tester w/TT & rr on 1320 @ 2:39 onwards, unID. SM 12/7- Pearl Harbor Day, a Sunday, as was the original Pearl Harbor Day. On 1220, a trio of unns battling like fury: WGAR-CKCW-CJSS, the latter new to the AN scene, no? Maybe only a Sunday special. 1320's tester again today noted @ 1:21, w/loop NE/SW. Also some TT on 1410 w/WPOP 2:51. MM 12/8- Acting on a phoned tip from Sheldon Swartz, I tuned for a WFTN-1240-TEST & got 8em @ 12:57-2am, w/1,000w and topping 1240 but not until the 1:05 s/offs. I wrote for a verie as what I have is only a PP/c. Sheldon and Lew White, NRCers, both work at WFTN, which is now an rr. They TEST every MM, 12:10-1:10am or later w/lkw, so try for 'em. Unn WABY-1400 ETing much of the morning w/rr & even some NX & WX. Unn WNRI-1380 TEST made it only on his CW IDs - nothing else as a Holy Roller & a rock-n-roller topped him. (WENX & CFDA). Fairly strong SS u/WSPD @ 4am. WMTY-1090-TEST made it w/c/w mx, but CKKW also was on w/c/w & this made for much confusion, but WMTY's announcements did O.K. Unk on 1530 @ 4:09 w/rr, weak, maybe dear old WTTI testing again? 12/10- I IDed & reported SS ANer on 1160 which isn't Radiolandia, D.R. any more, but Emisora Sinu, Monteria, Colombia, logged 1:48-2:55am, weak & fady & sometimes out altogether w/no sign of KSL. Call for Sinu is HJA Z, but they don't use it in IDs, which are sparse. They have the same four-note IS as R. Mil-XEOY-1000, but 'tis not sung. And in the foggy afternoon, a log finally on nearby WKRI-1450. I get four signals on 1450, all in different states, and none is in my state! Can anybody else make such a statement? The stations are, in order of volume: WRKD Me., WKXL N.H., WKRI R.I. & WFPG N.J. MERRY CHRISTMAS TO ALL AND TO ALL A GOOD NIGHT OF DXING THE IAs & FFCs! Ana & Ho Ho Ho to all, & C U N 14.

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- WBAW - No program details. V/s Joe Wilder, Pres.; Box 447, 29812. Arr.: Dabels+ein.
 WHEB - No program details. V/s Andy Carey, PD; Box 120, 03801. Arr.: Zank.
 WIOO - TT. R/c last Sun. V/s Curt Allen, Box 399, 17013. Arr.: Hopkins.
 WBZB - No program details. V/s Bruce Creekmore, CE; Box 1, 27576. Arr.: Dabels+ein.
 WDSL - C&W mx, TT. 1kW first & last 5 min. 5kW middle 20 min. V/s Jack Sco++, Box 404, 27028. Arr.: Dabels+ein.
 WMLO - No program details. V/s Ernest W. Horne, CE; Box 344, 01915. Arr.: Musco.
 KIMB - Poss. TT & march mx. V/s Joan Wood, Mgr.; Box 1006, 69145. Arr.: Zank.

This graph shows the daily variation in A_{FR} , the Fredericksburg index of geomagnetic/auroral disturbance in the Earth's magnetic field. High values of the A index usually result from a heavy influx of electrically charged particles into the upper atmosphere following certain types of solar disturbances. The severe medium-wave signal absorption produced by one of these events is most intense in higher latitudes and affects high frequency MW signals less than those on lower channels. Values of A above about 20 are inevitably associated with heavy signal absorption along TA and TP paths; very high values (above say 40) are usually accompanied by D and E-region blanketing over North America and Europe; on such a night reception from the south is favored. The maximum absorption for some events may be delayed a few days after the geomagnetic disturbance or may occur immediately. Extended periods of low geomagnetic/auroral activity are necessary but not sufficient to guarantee excellent high latitude reception throughout the MW band; other ionospheric effects such as sporadic E and the winter anomaly may mask what would otherwise be excellent ex following prolonged quiet.

