

dx news

the magazine of the National Radio Club



VOLUME 43

15 DECEMBER 1975

NUMBER 9

"Keep up the good work; your publication has added a whole new dimension to DX'ing for me, besides making possible many of my loggings!" (Eric Havemann, NJ)

ON THE INSIDE.....

- World Radio Allocations - Warren Powis (Typed- D. Erickson)
- Verie Signers - Ernie Cooper
- IBA, Pirate Radio Info - HQ
- DX'ing from the Outer Banks - Mike Levintow (typed- Glenn Cooper)
- The 1230 kHz. Log - Dave Lewis
- DXpedition to Colombia and Panama - Cesar Objio
- Nitcap Station List - Greg Neumann (typed D. Erickson)

NEW MEMBERS

- * D. Todd Hyder, E. Tenn. State U., P.O. Box 10600, Johnson City, TN 37601
- * William F. Thomas, P.O. Box 341, Winterhaven, CA 92283
- * Gerald Koske, 10204 Thayer Rd., RR #1, Ringwood, IL 60072
- * Dennis Orlando, 5034 Sylvia Rd, Drexel Hill, PA 19026

RENEWALS

G. Seigel, M. Wright, R. Ammons, G. Hungerford, P. Beron, F. Nordquist, R. Barnes, S. Kennedy, M. Knitter.

FLASH TIPS & SUCHLIKE

Skip Dabelstein reports that WTEJ-1090 sked for MM 12/1 was not on. TEST has been re-sked for the same times on MM 1/12/76. WLL-930 was not hrd by RGS here at HQ. RJE didn't get up for the others, hi.
WOPI-1490 goes AN as of 12/15 per new member Todd Hyder who may well be doing the inaugural night's broadcast that AM. Stu runs gospel to 0000 and will likely run c&w to 0500.

NOTES & FROM NJPC

Letterhead and report forms are no longer available from HQ we must again note. The combined costs of printing and shipping made the price totally nonsensical. If you would desire a sample sheet of either or both to have a local printer make up some for you, drop PT a line at HQ.

Rob Keeney will be hosting a KC-area GTG the first weekend in January. Details are not yet available, but those interested should contact Rob at 22-12 Stouffer Pl., Lawrence, KS 66044 or by phone at (913)-841-5770.

REMEMBER that effective 1/1, all domestic dues will be \$15.00 per year. New renewal cards are being made up and will reflect the change shortly.

This is our fourth large issue in a row. The amount of copy in articles and lists has been phenomenal. We will run a 24-page issue next week, dated 12/22, then we skip a week, followed by an issue of indeterminate size dated 1/5. We'd like to thank our typists who have typed the bulk of this material for us. The contents of this week list names of the respective typists. Typists for material in last week's issue were the same two gentlemen: Glenn Cooper for the Maloney article and DEE for the Monferini article.

C. P. C. TEST SCHEDULE

MONDAY	DEC.	15	- 0100-0200	* WKTJ-1380 - Farmington, ME	1000	D	IRCA
			- 0200-0230	* WRAM-1330 - Monmouth, IL	1000	D	IRCA
			- 0300-0330	* KXRB-1000 - Sioux Falls, SD	10000	D	IRCA
			- 0300-0315	* WKLF- 980 - Clanton, AL	1000	D	NNRC
			- 0300-0400	* KLUC-1140 - Las Vegas, NV	10000	D	NRC
			- 0115-0200	* WWNS-1240 - Statesboro, GA	1k/250	U	NRC
			- 0130-	* WFIA- 900 - Louisville, KY	1000	D	NRC
			- 0130-0200	* WDLM- 960 - E. Moline, IL	1k/500	D	IRCA
SATURDAY		20	- 0000-	* WPCS-1400 - Machias, ME	1k/250	U	SEC/IRCA
MONDAY		22	- 0100-0200	* KATE-1450 - Albert Lea, MN	1k/250	U	NRC
			- 0400-0500	* WENN-1320 - Birmingham, AL	5000	D	NNRC
			- 0300-0500	* WCCP-1560 - Clemson, SC	1000	D	NRC
WEDNESDAY		24	- 0005-	* WASR-1420 - Wolfeboro, NH	1000	D	NRC
MONDAY		29	- 0400-0500	* WMAG- 850 - Forest, MS	10000	D	NNRC
			- 0100-0200	* WGIL-1400 - Galesburg, IL	1k/250	U	NNRC
			- 0300-0330	* WFRX-1300 - W. Frankfort, IL	1000	D	NRC
			- 0330-0400	* WBAW- 740 - Barnwell, SC	1000	D	NRC
			- 0200-0230	* WHEB- 750 - Portsmouth, NH	1000	L	NRC
MONDAY	JAN.	05	- 0330-0400	* WDSL-1520 - Mocksville, NC	5000	D	NRC
			- 0100-	* WMLO-1570 - Beverly, MA	500	D	NRC
MONDAY		12	- 0300-0500	* WVOY-1270 - Charlevoix, MI	5000	D	NRC
			- 0300-0330	* KKYN-1090 - Plainview, TX	1000	D	NRC
MONDAY		19	- 0100-0200	* WBSM-1420 - New Bedford, MA	5000	D	NNRC
			- 0300-0330	* WSUB- 980 - Groton, CT	1000	D	IRCA
MONDAY	FEB.	09	- 0200-0300	* WBRW-1170 - Somerville, NJ	500	D	NNRC
FOURTH TUESDAY			- 0010-	* WKVT-1490 - Brattleboro, VT	1k/250	U	NRC
1st & 2nd SUNDAY			- 0000-0300	* WTHD- 930 - Milford, DE	500	D	NRC/IRCA
LAST SUNDAY			- 0000-	* WIOO-1000 - Carlisle, PA	1000	D	NRC/IRCA

DETAILS:

- WKTJ - Will run "Dave Michaels Country Caravan" // FM a+ this time. No V/s given. Address: Box 590, 04938. Arr.: Karl Forth.
- WRAM - TT .5, 1kHz and IDs. V/s Neil Jackmeyer, Box 367, 61462. Arr.: Forth.
- KXRB - No program details or V/s given. Address: 100 N. Phillips, 57102. Arr.: Forth.
- WKLF - Pop mx, time checks, IDs. V/s Morgan Reynolds, CE; Box 110, 35045. Arr.: Ken Van Fassell.
- KLUC - Frequent voice IDs. NO CW, NO TT. V/s Ed Cushman, Engr. Dept.; Box 14805, 89114. Arr.: Ron Muskellunge.
- WWNS - Band mx, TT, poss. CW or SIDs. 1st 15 min. is r/c w/Dixieland mx. V/s Sco++ Pendergraft, CE; Box 958, 30458. Arr.: Ernie Cooper.
- WFIA - TT 400 Hz, IDs only. Will be testing mornings starting 12/15 around 0130. V/s Dave Dodd, CE; 310 W. Liberty, 40202. Arr.: Wayne Murphy.
- WDLM - IDs every 5 min. Will use 500w bet. 0145-0150. V/s Glenn Rogerson, Box 149, 61244. Arr.: Forth.

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international dx dige

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Greetings. Condx continue to be v. poor for IAs and TPs, but if you like IAs, they're everywhere. Very auroral most evenings. This edition of IDXD could almost be called the "Connelly Report" since much of the material is from Mark Connelly. If you don't see a credit after an item, it's from Mark. Here is what we have . .

- 525 -COSTA RICA (Tentative) TICAL likely w/man in SS, no ID after several minutes of non-stop talk, hotted apparently by a beacon stn, 0525, 11/26.
- 529 -ALGERIA Ain Beida w/AA mx, fair carrier level, weak audio, 0610, 11/28. Definitely not as strong as it was in mid-Oct.
- 535 -GRENADA Radio Grenada in w/fair sig, relaying the West Indies-Australia Test Matches (cricket) and ran until 0724 12/2 w/game from Brisbane, I believe, local ID 0728 and s/off at 0730. Gave dates for more test matches but not hrd clearly enough to tell which dates. Sig ranged from poor to fairly good here. (Foxworth) * 0600 w/TC as 0200 local w/sports event, cricket, wickets and all that fair 11/30. (Straus) * In well w/sports scores in Caribbean EE, followed by mx "Sneakin' Up Behind You" by AWB, 0505, 11/28.
- 540 -COLOMBIA HJKA Bogota. Background mx, rendition of "Sugar, Sugar", Horizonte ID (male ancr over xylophone mx), then soft IA mx. Dominating freq good level, 0700, 11/28.
- 550 -CUBA CMAN Pinar del Rio 11/17 fair w/SS songs 0519-0528, possible address 0528, LV de Cuba ID 0530. Slight QRM from WGR, moderate QRN. (Mount)
- 555 -ST KITTS ZIZ was hrd w/deejay show, seemingly running AN this morning of 12/2, still going past 0730 w/lots of calypso and soul. Did not hear them mention the Test Matches, but maybe they were on to provide coverage of them. Could not hear any stations other than 535, though, that DID have Test matches (with possible exception of Trinidad-730 but could not tell thru jumble). ZIZ's sig was pretty good here, just as their normally AN OC is hrd well here often. (Foxworth)
- 575 -COSTA RICA (Tentative) TIWA San Jose likely the IA split noted here on several occasions. At potent level w/slow SS mx, male vocal, 0550, 11/25.
- 580 -PUERTO RICO WKAQ San Juan totally dominant w/"Kah Ah Coo, Mas Musica" jingle, then brassy IA disco-rock, 0815, 11/27.
- 590 -CUBA/COLOMBIA CMW w/SS talk o/HJCR w/IA mx; both atop WEEI, 0312, 11/28.
- 593 -MOROCCO Oujda here w/AA mx, weak level, 0512, 11/28, atop West German.
- 600 -COLOMBIA HJHJ R. Libertad, Barranquilla, way o/Cuba, v. potent, R. Libertad ID at 0610, 12/1.
- CUBA/UNID CMKV San German at potent level well atop 2nd SSer, probably HJHJ (which has occasionally been the dominant here in previous listentings). Cuba w/news of liberation struggles in Third World countries (male and female ancrs), other stn w/IA mx, 0735, 11/23.
- 605 -UNID IA Seems to run AN at least on SMS; v. weak sig; hrd again on SM 11/30 at 0730. (Cooper) * Male/female SS vocal duo on slow Q&W type song noted here at fair level, 0553, 11/25. Many IA splits were in well at this time.
- 610 -COLOMBIA HJKL Bogota at potent level w/ID (man in SS w/reverb), sound of news printer, then mx. Good level, alternating w/unid domestic, probably WIP, 0814, 11/27.
- TRINIDAD & TOBAGO Hrd again on 11/26 at 0000:50 w/brief ID and time pip, about 50 seconds late, then into program about improving agricultural production sponsored by ag commission of T and T. Lasted briefly, in continuing auroral cx, not hrd later on, though. (Foxworth) I got your tape - good catch - I have looked for this one several evenings but no luck, WHPL is just too much. (ED)
- 615 -UNID IA (HJEL possible) EZ mx, followed by man in SS interspersed w/fragments of mx, poor to fair, 0554, 11/25.
- 620 -COLOMBIA/CUBA R. Ciudad de Cali y Punto ID (man in SS w/reverb) atop jumble, then fast IA mx; Cuban // 640 hrd under. At 0810 on 11/27.
- UNID IA Hrd Tues 11/25 at 0701-04 fade-down into the mess, and only ID noted in that short span was "Radio Tropical". A CMQ-style Cuban was also noted in the background then. (Cooper)
- 625 -UNID IA Possibly TIKE. Man in SS, then IA MoR mx, fair level, 0440, 11/27.

- 630 -CUBA CMHQ Santa Clara. Female vocal, R. Liberacion pgg //640, alone on freq w/not a trace of WPRO/GFCY, 0825, 11/27.
- 635 -UNID LA Now seems to be AN, at least on some AMs, like Fri 11/28 when hrd at 0623-39. ID might have been "Ondas Quevadenas" but that might have been my imagination after consulting the WRTH, hi. No guesswork here for me. (Cooper) WTH gonna have to send you back to NYC for more training. (ED) * SS talk, then inst version of "Ia Bamba", poor to fair w/much Cuban slop, 0805, 11/27.
- 640 -CUBA CMQ good at 0015 on 12/1. YL and OM talking but no mx. Vy strong all week. (Lessing)
- CUBA/UNID LA CMQ Habana w/slow SS talk o/unid stn w/some kind of game - male ancr yelling play-by-play coverage in SS excitedly, 0518, 11/28.
- 645 -UNID LA Stn w/SS OM talk, SS vocals 0745-0815 11/30 also, 0830 12/1. (Straus) *Seemed too strong for Paraguay - man in SS w/reverb noted well here, 0605, 11/25. (Connelly) Don't discount Paraguay because of a good sig, R. Caaguazu has an unbelievably strong and steady sig at times. (ED)
- 650 -ECUADOR R. Vision, Manta, vy good w/Sonora Matancera records from about 20 years old at 0315 on 11/24 (this was the leading popular music orchestra in Cuba in the 1950's). (Objio)
- 655 -NORTH KOREA 12/1 1045 w/woman in what sounded like KK then some chanting. Lots of KFI slop. (Lobel)
- 660 -MEXICO XERPM Mexico, DF 11/16 0401 "Radio Uno", then "Canal de Juventud", plays British Rock, US Rock and some Mexican pop. (Wiseblood)
- 670 -VENEZUELA YVLL Caracas w/musical ID "R. Rumbos en Caracas", then SS male ancr mentioning Rumbos - Emissor de Venezuela, at 0320 on 11/28. Monstrous sig, alone on freq. This is the usual dominant in West Yarmouth; WMAQ is hrd much less frequently here than in Sudbury, Mass. (Straus)
- 683 -SPAIN RNE Seville best yet this season in clear w/world mx by SS OM 2245 11/26.
- 705 -UNID IA Man in SS, weak sig w/low pitched hets, 0606, 11/28.
- 719 -PORTUGAL Norte 1 2310-2330 OM's w/PP discussion poor 11/30. (Straus) * AT potent S9 +20 level (equal to CMGN-720) w/soft mx. Some QRN from local storm. At 0625, 11/22. Lately TAs have been poor in early evening; good primarily from 0500-0800.
- 725 -COSTA RICA (Tentative) TILX possibly the SSer here during Surinam SP. SS talk by several male ancrs noted w/sound of voices from apparent small in studio audience. At 0500, 11/28.
- 730 -VENEZUELA R. Universo, Barquisimeto, pop mx and local ads, also announcing stn phone number in case anyone wishes to call 451390, vy good at 0325 11/24. (Objio)
- 735 -ECUADOR HCGBI Quito hrd w/talk mentioning Quito, then SS mx, 0448, 11/28. Vy punchy audio. (Connelly) * R. Melodia, Chone, w/program "Noches de Alegria" pop mx IDing at 0330 on 11/24. (Objio)
- 737 -SPAIN Barcelona atop channel at fair level, man in SS w/nx, 0605, 11/28.
- 740 -VENEZUELA Radio Maracaibo, regular s/ons in Dec is 0900a, until Christmas, that is. This one's an "LPC" (Lead Pipe Cinch). (Cooper) Early s/on will probably run thru New Year's. (ED)
- 760 -COLOMBIA HJAJ Barranquilla. ID by male ancr w/reverb "La Voz de Barranquilla, Radio Cadena Nacional", mx fanfare, more SS talk, o/u WJR, 0530, 11/28.
- 740 -MONTSERRAT (Tentative) R. Antilles possibly the one in FF, noted on 12/1 just after 2300 w/what seemed to be news, later mx in FF w/male and female vocalists, sounded like a singing soap opera. Much QRM, later YVNC dominant. Vy poor reception, and after playing my tape back several times I decided it wasn't even good enough for a tentative report. Checks later in the week revealed nothing in FF. (ED) Out of order, I almost forgot this one! (ED)
- 760 -CUBA CMCI Habana. Man and woman in SS, alternating, R. Reloj Nacional ID, time tone noted, 0500, 11/26. Het of about 20 hz observed.
- 764 -SENEGAL Dakar fair w/woman in unid language (sounded more like FF than AA), followed by mx, 0602, 11/28. Het (OC) of about 600 hz noted on high side.
- 773 -SPAIN RNE Gaceres poor to fair w/SS mx and talk, 0620, 11/28. (Connelly)
- 775 -COSTA RICA Radio Uno in San Jose, RS s/off is around 0604, even on Sunday mornings - s/off mx is also rock-n-roll. (Sooper) * Noted w/"I Saw Her Standing There" by the Beatles, then R. Uno ID by male ancr, then slow SS male vocal, 0510, 11/26. Good sig.
- 782 -PORTUGAL CSB9 Miramar at good S9 +10 level. Man talking; 5 hz SAH noted, 0628 11/22.

BETWEEN NOW AND NEW YEARS IS AN EXCELLENT TIME TO LOOK FOR IAS RUNNING AN OR SIGNING ON EARLY - MANY NEW ONES CAN BE ADDED TO THE LOG AT THIS TIME OF THE YEAR ! ! ! !

- 800 -NETHERLANDS ANTILLES PJB Bonaire, hrd w/"Focus" w/topic on Radio Propagation and info about why shortwave stns have to change frequencies so often. Good sig o/XEROK 0230 12/1. (Wiseblood) * Pinning S meter, stronger than any Boston or NYC stn w/SS pgg, 0535, 11/28. No evidence of any other stns on 800 at this time. (Connelly)
- 818 -ANDORRA Sud Radio noted w/MoR at fair level, dominating freq; bad HJED slop, 0620, 11/28. (Connelly)
- 820 -COLOMBIA HJED Cali 12/1 1030 w/CARACOL ID, male ancr herad w/good sig w/WBAF. (Lobel) * Ultraloud and totally dominant w/SS ads, mx w/items about Bogota (male ancrs), badly slopping o/onto adjacent channels, 0527, 11/28. (Connelly)
- 825 -PANAMA Reported location of Radio Peninsula hrd o/u Titania w/0600 s/off 11/27 w/good sigs. About 70 or 80 hz away from Titania. WRTH lists on 830. (Foxy)
- 830 -JAPAN JOBB Osaka 1500-05 11/20 w/s/off mx, sounds rather like a music box, believe instrument to be a celesta. (Wiseblood)
- MEXICO XEYQ 12/1 1325 w/"XEYQ" ID at 1350. However, also hrd ID as "Radio Mexicana"; Mexiglen list shows "Radio Musical". (Lobel)
- 834 -BELIZE R. Belize w/Prayer for Belize (including a call for "increased industry and sobriety"), canned mx like from the end of an old movie, then full info s/off w/man in EE, then march, apparently by high school band, 0504-06 on 11/26. (Connelly) * Fair 11/17 0420, ID given as "This is Radio Belize" w/British accented ancrs, also hrd TC. Lots of TVI. (Wiseblood)
- 840 -UNID (St Lucia or Haiti) Man in FF, briefly o/WHAS & YVNY, did not ID, 0245, 11/28. (Connelly)
- UNID SS WHAS was off RS SM 11/30 and and a fady one hrd here w/much marimba mx and phone numbers given, but no ID picked out as WHAS started TTING at the right time - 0759, hi. (Cooper)
- 845 -ITALY Rome fair in WHDH/HJKC splash w/slow male vocal, 0625, 11/28. (Connelly)
- 860 -DOMINICAN REPUBLIC HILR R. Clarin, Santo Domingo at good strength despite QRN and WHDH splash. Fast-paced mx w/SS talk interspersed. Clarin mentioned. 0637, 11/22. (Connelly)
- PANAMA R. Reforma, Chitre, "con su antena rastreadora" (w/tracing antenna) as they said. IDing at 0405 on 11/24, local mx and ads as they usually do in small towns announcing such places as diners, car repair shop, ron "Abuelo", etc. (Objio)
- 870 -CUBA CMDN Guantanamo w/male ancr in SS o/WWL w/bad low-pitched het, 0538, 11/28. (Connelly)
- 880 -CUBA CMAF Pinar del Rio o/u WCBS w/mush mx //690, 0627, 11/28. (Connelly)
- DOMESTIC WCBS New York, w/mx at 0410 on 11/24. (Objio)
- 908 -COLOMBIA Connolly's Todelar stn 2345-0000 SS OM talk, vy good but no ID on 11/30. (Straus) * In at potent level w/fast IA mx, unstable carrier, 0540, 11/28. (Connelly) Tis Emisora Fuentes, Cartagena from 920. Think they are gone from this freq now as not noted last couple of days. There is now a het on the low side of 920, and if I remember correctly, this stn used to be on 919A. (ED)
- 910 -VENEZUELA YVRQ Maiquetia. Female and male ancrs, R. Aeropuerto ID, time chime, then "Angle" by the Rolling Stones. Atop several others, 0840, 11/27. Noted again, totally dominant this time w/Aeropuerto ID by female ancr, TC, then IA MoR, 0721, 11/28. (Connelly)
- 920 -DOMINICAN REPUBLIC R. Popular, Santo Domingo, this is a change of name from Radio Reloj de Emisoras Unidas, they operate w/5000 watts, have a new xmtr and location, new direction and programs, usually they operate late at nite even though they are supposed to s/off at 0400. Address can be as: Edificio Brugal, Avenida John F. Kennedy, Santo Domingo. Will answer correct reports. (Objio) *ID as R. Popular, followed by slow SS male vocal, briefly atop jumble, 0115, 11/28. (Connelly)
- 925 -UNID Female vocal in unk language, style like that of Gladys Knight, 0545, 11/28. (Connelly) Likely R. Juventud, Costa Rica. (ED)
- 945 -UNID IA SS talk and US rock here at 0745, 11/27, badly hetted by France-944. (Connelly) Seems late for France to be in - there is an IA on 944 also. (ED)
- 953 -UNID TA (Canaries probable) Cl mx at good level, 0740, 11/27. (Connelly)
- 960 -COLOMBIA HJHN Magangue 11/17 fair w/Sutatenza ID 0900, talk by man, doorbells every couple of minutes and after each song thru 0916. ORM from WBAF, moderate QRN and fading. (Mount)
- 970 -MEXICO XEJ, 11/28 0525 w/mention of Juarez. Good sig of S7 but lots of QRM from KCHJ. Also hrd 12/1 0708 w/fair sig. ID "R. Mexicana". (Lobel)

- 990 -MEXICO XECL, 11/28 0540 w/US oldies featuring songs by Freddy Fender. (Lobel)
- 1000 -MEXICO XEFV 12/1 0740 probable one u/KOMO null; too much QRM to tell for sure. (Lobel)
- 1005 -COLOMBIA R. Colosal. Care should be used here. Noted two evenings this past week carrying what was apparently network news between 0040 and 0100, mention of stns carrying program between items, including La Voz de Cali and La Voz del Tolima, many mentions of Radio Continental, Bogota which is apparently the originating stn. (ED) * HJDP Neiva w/SS mx mentioning several Colombian cities, fair level w/some WINS slop, 0503, 11/25. (Connelly)* Still here, w/ good at 0527 on 11/24. (Objio)
- 1010 -WEST GERMANY SWF Mainz totally dominant w/GG talk, 0510, 11/20, during good early morning TA opening after rather dead early evening. (Connelly)
- 1025 -COLOMBIA Ecos del Combeima, Ibaque 0745-0800 w/SS mx, time 12/1. (Straus)
- 1030 -COLOMBIA ID as La Radio de Colombia (male ancr) way u/WBZ, 0553, 11/28.
- 1031 -UNID IA Bad het on WBZ, 0200, 11/27. (Connelly)
- 1035 -HAITI 4VEH Cap Haitien. March-like hymn by childres, "Boys and Girls for Jesus" (sounded like Scouts around the campfire); then full info s/off by man in EE asking for reports, then inst rel mx, 0030, 11/28. (Connelly)
- 1050 -MEXICO XEG believed to be the one here MM 12/1 at 0901 and on w/the "Carlos Camache Programa" and S9 in SS, o/CHUM; WHN off, and gave time in CST, so who else? I didn't waste time hanging around for definite ID. (Cooper)
- 1055 -UNID IA (Possible Colombia) Hrd on several occasions, never strong. SS mx and talk hrd here, 0513, 11/25. Trashed by WHN and 1059 pest. (Connelly)
- 1069 -COLOMBIA HJAH w/clear Atlantico ID resolving previous unid. At 0700 11/17. -COLOMBIA "Radio Santa Fe", Bogota, an old friend, hrd again now that Emisora Atlantico is back on freq. The two were in and out with one another Tues AM 11/25 0717-44, w/Santa Fe (HJCG) atop about 75% of the time for an easy report. However, on SM 11/30 and MM 12/1, Atlantico seemed to be back on 1069A causing an awful howl there again. (Cooper) *Rose above mass of low hets briefly w/Santa Fe ID (SS male ancr), followed by circus/game show style organ mx, 0525, 11/25. CEA off, of course. (Connelly) * At 0523 on 11/24 w/ the usual program of tangos "Buenos Aires, medianoche". Emisora Atlantico Barranquilla, not hrd, probably on longer AN as they usually announced. (Objio)
- 1080 -VENEZUELA YVMR Maracay o/u WTIC. Male SS ancr alternating w/mx in apparent ad, good R. Universal ID (reverb used), then jingle and 2nd ID, 0800, 11/27. (Connelly) * Noted ANing u/WTIC and logged and reported Thanksgiving morn 0808-0851. (Cooper)
- 1090 -COLOMBIA HJBC likely the Colombian here o/u WBAL w/CARACOL programming. C1 mx, then 30 sec OC, then CARACOL anmt (man in SS w/reverb). CARACOL jingle, mx, at 0500 11/25. (Connelly)
- 1150 -DOMINICA R. Jumbo 12/1 possible s/on w/IS 1000 (sounded like an electric guitar). First FF noted at 1011. SIDs and soul mx interludes between Caribbean rx items. Dominating the freq until YVMV took over at 1023. (Keeney) * At potent level o/u nulled WCOF pest at 0215, 11/28. Jumbo electronically-synthesized IDs hrd (Jumbo "sung" 4 times per ID, ascending the musical scale), then a growled ID as if by a monster, then OC. Never hrd in Sudbury. (Connelly)
- 1160 -COLOMBIA HJAZ Monteria hrd ANing MM 12/1 w/Radiolandia off, sig is rather weak, o/u KSL in semi-aurora, logged 0813-28, but not enough for a report.
- 1165AV -CUBA Relej-type pgm here (man in SS w/time tones, etc.) fair stren-/ (Cooper) gth w/unstable carrier, 0545, 12/1. Looks like trouble for Antigua-1165. (Connelly) * "The Cuban Minute Man" noted on here Fri AM 11/28 w/loud sig at 0750 - on MM 12/1 a vy weak C.M.M. was thought to be in 1169A - is this the one hrd a week or so back on 1180, drifting? But then again, who cares, hi.
- 1170 -UNID Presumably an IA stn the source of potent OC o/WVVA w/4 hz SAH, (Cooper) 0530 11/25. (Connelly)
- 1180 -BRAZIL (Tentative) Woman in what sounded like PP, too nasal for SS - Globo mentioned - followed by man talking o/Mantovani type mush mx. Sig poor, but fortunately most channel occupants seemed to be off at the time. At 0755-0800 on 11/23. (Connelly)
- 1205 -UNID IA or AFRICAN FMing carrier hetting stable carrier, too weak for aud, 0542, 11/26. (Connelly)
- 1211 -UNID IA Man in SS, severely hetting WCAU/IA-1210, 0045, 11/28. (Connelly)
- 1220 -MEXICO XEB Mexico, DF 11/28 0828 w/usual crazy sounds and "Radio Quatro" III. Also hrd 11/30 0932 w/good ID and S9 sig. Sanserino loop really makes a difference o/IRCA spiral loop I was using on 11/28. (Lobel)
- 1295 -UNID (Probable IA) Background mx noted 0535, 11/26. Faded, then low-pitched hets or a TT hrd at 0540. E favored reception from IA and Africa; northern Europeans were generally weak at this time. (Connelly)
- 1300 -MEXICO XEP 11/28 0815 w/mention of Juarez and something about El Paso followed by horse race theme (notes played usually before a stn gives race results). In w/S9 sig; they must be more than 500 watts at nite. (Lobel)
- 1320 -MEXICO XEC 11/28 0540. Could it be XEC or XEJ? Or is it they were broadcasting in simulcast? XEC had same program as XEJ. Thought I hrd mention of Juarez then hrd "X-E-C" ID and sure enough same song as on XEJ. (Lobel)
- PUERTO RICO WUNO Hato Rey w/rapid fire male SS talk, distinct R. Uno ID, atop jumble, 0645, 11/28. (Connelly) * ID at 0512 on 11/24, w/the exact time. (Objio)
- 1330 -COLOMBIA R. Vigia, Cartagena, pop mx, at 0510 on 11/24, this seems to be a move from 1340 as hrd latelny on my trip to Colombia. (Objio)
- 1340 -COLOMBIA La Voz de la Sabana, Bogota, pop mx at 0512 on 11/24. (Objio)
- 1360 -COLOMBIA R. Relej, Cartagena, at 0517 on 11/24, local ads and pop mx (time was 2 minutes slow). (Objio) / (Connelly)
- 1394 -ALBANIA Tirana fair w/woman in unid language (WRTH says Hungarian), 0640, 11/28.
- 1460 -COLOMBIA Nuevo Continente, Bogota, ID at 0507 on 11/24 starting program "Una Voz en la Noche" w/pop mx. (Objio)
- 1466 -MONACO Monte Carlo, GG at 0452 on 11/24 then religious mx sung by man and piano, did not hear ID but there could not be another one on this freq. (Objio)
- 1470 -MEXICO XEBBC 12/1 had OC for several hours from about 0900 to around 1300 when they were back on the air w/regular programming. I'll bet some idiot forgot to pull the plug on the xmtr. (Lobel)
- 1502 -POLAND Warsaw at fair level w/cl mx, 0618, 11/22. (Connelly)
- TOGO Lome; 2200 12/1; FF male ancr followed at 2208 by slow native song w/YL; //3222 khz; steady 34 db sig until Spanish stns began to dominate the channel. Ray Moore alerted me to the freq after he hrd FF spoken there the day before. Ray and I agree that, at present, Togo seems to peak earlier than the Europeans. (Bailey) Very nice! Location of this is Iama-Kara in Northern Togo. (ED)
- 1505 -COLOMBIA R. Canoa, Cartagena, pop mx and ads between records, but no ID till 0500 on 11/24. (Objio)
- 1520 -MEXICO XEEH 12/1 1200 w/ID as "Radio Sonora Internacional...X*E*E*H...San Luis Sonora en la Republica Mexicana". Hrd at S9+. (Lobel)*
- 1529 -MADEIRA ISLANDS (Tentative) Mostly just a het, man talking at 2230, 11/14. ID per GPN freq measurement, cx semi-auroral, allowing only low-latitude TAs the usual early evening pattern of late. (Connelly)
- 1546 -UKRAINE (Tentative) Likely Vinnitza here w/woman in apparent Slavic language, followed by stern-sounding, semi-dissonant 'modern' cl mx, 0750, 11/23. (Connelly) Awful late for Ukraine, 2 hours or more after their sunrise, also Vinnitza is supposedly no longer on this freq, moved to 935 some time ago. (ED)
- 1550 -MEXICO XENU 12/1 0435 hrd "La Rancherita Contenta" ID here, must be XENU as only one listed in MexiGlenn list w/that ID. XEBG off air. (Lobel)
- 1554 -FRANCE Nice in at blockbuster level (despite earlier auroral blanking) w/FF talk, 0545, 11/25. Equal to 1586; other TAs in were 1439, 1466, 1502, 1562, 1578, 1594 and 1602 in a predominantly high-band opening. (Connelly)
- 1560 -MEXICO XEJPV 12/1 1240 hrd w/good "X-E-J-P-V Radio Chamizal" ID. Had accordian mx Mexican style. Sig S7. (Lobel)
- 1562 -SWITZERLAND Beromunster 0640 w/vocals, best ever 12/2. (Straus)
- 1570 -MEXICO XERF Ciudad Acuna, Coah. Waited an agonizing 20 minutes for ID at 0045 on 12/1. Sigs good, S7. (Lessing) * 12/1 0900 w/vy potent sig of almost local quality w/Mexican mx and male ancr. (Lobel)
- 1578 -PORTUGAL Porto at fair level. Male vocal, semi-operatic, followed by apparent ad introduced by horse-racing horn fanfare, man in fast PP, 0740, 11/23.
- 1580 -MEXICO XEDM 11/28 0620 w/unusually good sig of S9 w/no sign of KDAY usually more dominant here. KDAY took over at 0625 but yielded to XEDM at 0627. (Lobel)
- 1586 -WEST GERMANY WDR best in 2 months only TA along w/1562 noted 12/2 0520-0700 w/GG pops, etc. (Straus)
- 1593A -UNID Have absolutely no idea of what I've been hearing here the past few weeks. Latest reception 12/1, insts much like those on W. Germany 1586, anmts in SS SS sounding language by male. S/off promptly at 0330 nitely w/unid anthem. Have absolutely no idea who, IRCA Foreign logs and past IDXDs no help. (Helms) *Likely the Costa Rican Radio Gama, noted by RFS on 1595. I've hrd him also, but no definite ID. (ED)
- Thats it. A few veries and credits next issue. 73 - DX - Report ! ! ! ! ! ! ! ! ! !

DOMESTIC X IGEST



editor.. Wes Boyd
980 W. Liberty
Girard, Ohio 44420
216-545-4543

Well, I knew it would happen. Last issue I made mention of the Canadian Postal strike, and they settled before it got in print. Kinda makes me look dumb, but I'm used to that..... onward.....

ATTENTION:: Loop freaks... Bob Hlivak has found a small supply of coax that should be suitable for winding loops. I got about 150 ft. from him, and see no reason it shouldn't work. Size is similar to RGL74U, but it's a 50 ohm teflon coax, green colored. I really don't know how much is available, but interested parties should notify me, and I'll notify Bob. Cost is in the area of \$7.50 (plus postage) for 125 ft. of the stuff. If enough of you are interested, he'll get a bunch of the stuff in 125ft. sections, and ship it out....if no response, forget it (Starr, Bob, & I will hog it all up!!!).

changesfrom the F.C.C. people!!

APPLICATIONS: (new stations)

- 810 IL Johnston City seeks 250 watts daytime...
- 1300 NC Goldsboro seeks 1 Kw daytime.....
- 1360 MO Washington seeks 500 watts daytime...
- 1410 MO Cuba seeks 1 Kw daytime.....(God,another Cuban!-HWB)
- 1450 IL Cicero whole buncha people after old WVON facilities...

GRANTS:: (New Stations)

- 680 AK Barrow granted 10Kw days/5Kw nites.
- 1490 WY Green River granted 1K/250 fulltime.
- 1570 Ky Morgantown granted 250 watt daytime.

NEW STATIONS, authorized program operation (IE: ON THE AIR)

- 670 KDLG AK Dillingham 5Kw days/ 1Kw nites-Action Oct. 24th.
- 1530 WJPJ TN Huntingdon 1Kw daytime- action Oct. 21st.

INITIAL DECISIONS:::

- 890 UT St. George Granted new fulltimer here, think is 50Kw days/10Kw at nite...directional to protect WLS & adjacent channels as necessary.
- 1590 AL Alexander City this facility was granted.

CHANGES:: Existing stations::

- 630 KHOW CO change xmtr. location, operate DA-2 (U-4)
- 940 WLQH FL seeks 1,000 watts daytime.
- 970 WBLF PA seeks 1,000 watts daytime.
- 1110 WVJP PR seeks 1,000 days/ 500 watt nites.
- 1190 KHAD MO seeks 5,000 watts daytime-directional.
- 1440 KODL OR seeks 5,000 watts daytime power.
- 1450 KBBS WY granted 1,000 watts daytime.
- 1530 WHIY AL seeks move to 1190 Khz.
- 1590 WISZ MD seeks 1,000 watts day & nite, DA-2 (U-4)
- 1600 WAYC PA seeks 5,000 watts daytime...

FINES:::

- 610 WAYS NC \$500 for excessive pre-sunrise power.
 - 1250 WLEM PA \$1,000 for using day power in pre-sunrise period.
 - 1270 KGUY CA \$500 for not keeping power in licensed limits.
 - 1490 WTVL ME \$700 excessive power & other things.
- ANOTHER INITIAL DECISION: 1170Khz. in Bayou Vista,LA.

Call letter actions:

- 850 WPTB GA granted to Statesboro CP.
- 1340 KMTI UT granted to Manti CP.
- 1490 WVIM MS seeks WJFL
- 1550 WGNL NC seeks WBZQ
- 1590 WZUM PA seeks WPLW
- 1600 KCFH TX seeks KEWS
- 1600 KLAT UT seeks KLRK



COMMUNITY BROADCASTING, INC.
P. O. BOX 194 - MOUNT DORA, FLORIDA 32767

TEST RESULTS: WNMT 1520 Hrd. by:: KDF--NZ--MD

- 740 KYME Not hrd:: JS
- 1170 WHLW Not hrd:: JS-FS -PrM
- 1420 WASR Not hrd:: JS -PrM
- 1580 KWIP Hrd. by:: JS-HWB-Silly-RLK Not hrd: MD-PrM
- WTBJ 1090 Not hrd: MD-PrM-HWB-JS
- KYSM 1230 Hrd. by: NZ

Almost useless info dept.::

- 880 WCBS NY noted off NM 12/1 (DS)
- 1020 KDKA PA noted off 11/23, most of AM--A Sunday (JS)
- 1170 WVVA WV Noted off 0030-0130 MM 12/1 (DS)
- 1st. MM: KNOX 1310 (RLK) KVSL 1450 (RLK) hey, isn't KNOX 1st. Tue now?-HWB new/unlisted/etc. stuff:
- 4th. MM WTAX 1240 F/c TT 0145-0200, IDs e/ 5 min. (JS)
- 1st. THU WCPM 1280 f/c TT, phonetic IDs, IDs e/ 2 min., 0100-0115 (HWB) and a regular check I forgot...
- 1st. THU: KROF 960 w/ TT & ID at end (HWB)

WKLX 1350

Now before the goodies.... 2 bits of info from me.-

- 970 WATH OH noted w/ MUTUAL nx on half hr. u/ WWSW's all NX in the morns.
- 1580 WGTW FL should be RS now, per verie address is Box 194, Zip 32757.
- sunset & evening**
- 540 KNOW LA 11/26 Fair/steady 1755 w/ nx-stock report-etc. (HJH)
- WRIC VA 11/26 After WDMV s/off 1655, this w/ local ads (LEB)
- 560 WGAI NC 11/28 Got ID on this 2045 u/ WIS w/ FB game (DMc)
- 570 WACA NY 11/26 Noted this 1700 u/ WGSN (LEB)
- 680 WPTF NC 11/23 ID 1700, then NBC nx (SW)
- 690 WVOK AL 11/26 This hrd. 1715, just after WZAP s/off (LEB)
- 730 WLIL TN 11/26 Poor, u/ CKAC w/ 1730 ID, & nx (SW) Sharon's WPIT PA log last issue should have been WPIK-VA.
- WMNA VA 11/22 EL mx 1700, Mutual nx, good signal (HJH)
- WOHS NC 11/26 Local ads 1650, also s/off 1714 w/ SSB (LEB)
- 740 WBAM AL 11/26 Wx 1735, temps. in Centigrade (LEB)
- 780 WBBO NC 11/26 Wx 1704, but lotsa WTAR slop (LEB)
- 800 WCHA PA 11/29 In clear 1651 w/ NR & many spots (DS)
- 820 WAIT IL 11/26 MOR 1721 noted u/ WOSU (LEB)
- 850 WIVK TN 11/26 Hrd. this 1728 u/ WYDE (LEB)
- WYDE AL 11/26 No WRAP 1726, this w/ "Bingo" type call in contest for \$2000.00 (LEB) Try MMs 0100-0130 in KOA null--all alone!--HWB
- 900 CKTS PA 11/27 Promo for "Super Weekend" starting 1530 Friday, using the 100 best selling albums (DMc) What time??--HWB
- 910 WBRJ OH 11/26 U/ WRNL 1630 w/ nx (LEB)
- 920 WOKY WI 11/27 In WBBS null 1714 w/ ad, RR (DS)
- 930 KIUP CO 11/24 W/ MOR mx, stock report by female,wx- 1840-1900(NZ)
- 940 KIXZ TX 11/24 RR 1815-1830, "Constant Contact nx" at :25,fair/good w/ KIOA & KTON till it's s/off (NZ)
- 1010 WELS NC 11/26 AD, closing Ralph Emory show, 1658-1700 then s/off given by female (DS)
- WMEV VA 11/26 ID in nx open 1700 after WELS s/off,gone quickie to WGUN.
- WGUN GA 11/26 C&W 1702-1730, w/ public affairs pgm.,then s/off. (DS)
- WFGW NC 11/26 After WGUN s/off,this 1730 w/ clear ID,nothing else!(DS)
- WBIX FL 11/26 W/ Jacksonville's "TV-4" ad,jx,RR & gone-1731 (DS)
- KRLA AR 11/26 C&W, many ads,1733. good bet for those needing this state, if you can get rid of WINS (DS)
- 1100 WLBB GA 11/26 TENT.--no ID, several ments. of GA, and annrc. sez "GO GA. TECH". (LEB) Hey gang, is this still on??--HWB
- 1180 WLDS IL 11/26 Severe WHAM,but tent. this, 1745 hrd. several mentions of area towns (LEB) Sounds like it to me--HWB
- 1190 WPUP MS 11/26 Definate ID 1748, MOR mx (LEB)
- 1220 WSLM IN 11/26 Quickie s/off (love dose quickies--HWB) mentions C&W mx continues till 8PM on FM, real corn ball station (DS) 11/27 w/ jx,TC, C&W mx, & ID @ 1700 (DMc) Opps, Dave's time above be 1745--HWB
- 1300 WRBC MS 11/26 Weak ID from this about 1905 (DMc)
- *1350 WZIX PA 11/26 Hrd. 1632, has dropped "hit-parade" automation, now is RR and promos "Real Rock-WZIX" (DS)
- 1420 WKSJ TN 11/26 S/off 2300 w/ "good nite from the land of milk & honey", vocal SSB (LEB) Hey, thats 11PM, kinda late ain't it??--HWB
- 1440 WSEL MS 11/23 Noted poor at 1745 w/ s/off (KDF)
- 1480 CHRD PQ 11/27 Atop the din w/ FF at 1720 (DS) (LEB)
- 1510 CJRS PQ 11/26 FF & possible hockey scores 2305,then FF RR in WLAC null.
- 1530 WRBX NC 11/26 Fair 1708 w/ relig.,potent 1714 w/ s/off (FS)
- * WOBX NC 11/26 Very weak 1659 s/off, ment. pwr.-FM-& address different from that in NRC log (FS)
- 1550 KEDD KS 11/26 Fair w/ s/off stuff 1830 (KDF)
- WVAB VA 11/28 Now regular w/ 1700 s/off (SW)
- WXVA VA 11/28 Mx, then full ID at 1702 (SW)
- *1560 WSDL LA 11/25 Loud 1730 w/ ID into MUTUAL net, add net to log!(JS)

- 1560 KQYX MO 11/25 S-9 at s/off, no WQXR. S/off annct. sez they have no control over it's hours...assigned by FCC. To bad my tape recorder wasn't running! (LEB) He's 10Kw now---HWB
- 1570 UNID OK 11/26 Obviously either KTAT or KOLS about 1810 w/ OKLAHOMA nx, but into jumble before any ID was hrd. (LEB)
WSWV VA 11/22 Fair, atop 1739 w/ pgm. notes (MD) Like C sharp?--HWB
- 1580 WLJ TN 11/22 Atop at 1700 w/ RR (MD)
WHEX PA 11/26 RR 1637,wx for Lancaster-York area,lotsa CIDs (FS) In case you didn't catch on yet, CID is "call ID" or call letters only
- 1600 WEUP AL 11/27 Hrd. 1715 giving history of the freq. 1600Khz.,and a history of WEUP AM (DMc) Glad I missed that!--HWB
- * WJNJ FL 11/25 S/off 1731 w/ female annct., new broadcasting yearbook lists call as WKTJ, but definitely is WJNJ (JS)

As many noted by now, the cut date was about 11/23 this issue. And to the few that asked about tune in/tune out abbreviations..I'll settle for t/in or t/out. Also will be using CID for call only, BUT I still won't use SID for jingle IDs, if it's a jingle ID then it's JX ID, if a jingle giving call letters only lets try JID. Comments from anyone????--HWB.

Now before the MIDNIGHT stuff, one item that really belongs over in the tests hrd. section. But the report, and info may be of interest---HWB

1580 KWIP CA 12/1 TEST: Heard!! Weak CID 0330 to TT ard 0331 & faded. Organ mx 0335 to TT, but not sure this was KWIP, but the 0330 ID definitately was them. (BW) Thats them--100%. Ran lotsa short IDs, & organ mx to 0400:30, several tone sweeps noted as early as 0328-0332, & ard 0355 or so.--HWB

midnight to sunrise

- 560 WHBQ TN 12/1 WFIL off, noted this almost alone, who is talk here?(DS)
Try WIND!!!--HWB
- WJLS WV 12/1 Maybe this w/ TT-OC 0135-0141, DF N/S (BW) Maybe WFIL!
KLVI TX 12/1 Becoming a pest, 0139 u/ OC w/ CID-CST TC (BW)
- 590 WOW NE 11/28 About 0645 w/ TC-WX-ID (DMc)
WEEI MA 11/29 Wx-SX-ID as "All news-all day", TC @ 0545 (DMc)
- 600 WTAC MI 11/30 Good ID atop Cuban 0625, after radio play (MD)
- 610 WDAF MO 12/1 Killing everyone 0144+ w/ CST-TC-RR, never hrd. them this dominate before (BW) Must not listen much anymore!--HWB
- 630 WMPD MO 11/30 S/on w/ SSB 0548, fair in WPRO null (MD)
- 730 WLIL TN 12/1 C&W mx, local ads 0625,no XEX. They should have been on the 199 watt PSA at this time (RLK)
- 790 WSGW MI 12/1 W/ MOR mx 0722, TC,etc. (RLK)
- 870 WKAR MI 12/1 Traffic report 0816,nx pgm. called "Dimensions", a commentary 0817, terrific signal in WWL null (BW)
- 880 WRFD OH 12/2 "Minuteman Nx", traffic report 0813-0815 w/ WCBS,ments. of Columbus (BW)
- 900 CKDH NS 12/1 Farn nx, C&W, TC as 0637 hrd. at 0537 (DMc)
- 910 WRKL NY 11/24 ET o/ all w/ 1K TT 0053-0100 ID (BA)
- 970 WJMK SC 11/30 Atop w/ ID 0500, CBS nx,maybe s/on 0459 (MD)
- 1060 KPIL MN 11/21 Hrd. 0700-0715 w/ S/on into mixed mx & sx for Rochester, MN & Charles City,IA. Fair/poor w/ KYW (NZ)
- 1080 UNID ?? 11/24 ET way o/ WTIC at times. 0212-0236 w/ 1K TT,maybe code ID at 0236, more TT & faded away forever at 0245 (BA)
- 1130 WCAR MI 11/23 Noted 0606 w/ ad for area secy school (BULL)
- 1140 KNAB CO 11/19 S/on 0758, then SSB instr., poss. nx but hit hard by KBIL MO, fair b-4 KBIL s/on (NZ)
- 1170 KSTT IA 12/1 w/ WWVA off 0043-0130, this 0107-0120 w/ RR. Must be day pattern, only PSA anncts. hrd., & not there earlier. Haven't heard since the 60's (DS)
- 1180 WLDS IL 11/28 U/ WHAM w/ ad for store in Jackson, 0705-0715 (DMc)You mean Jacksonville??--HWB
- +1230 KLIC LA 11/23 ANing, 0315-0330, w/ C&W-JX-promo for gospel pgms. at 8:05 AM each AM, Ads, a little WBOK ORM (NZ)
WNOR VA 11/24 Solid w/ RR 0115, no WVEC 1490 tho (HJH)
WCRO PA 11/19 "Super CRO" w/ RR in briefly 0021 (HJH)
WJBC IL 11/24 Noted this 0130 w/ nx (Bull)
- *1240 WRNC NC 11/26 "Christian Radio WRNC" 0110 & gospel, but used RR type jx ids thru-out pgm. Strange!! (HJH)
- * WENK TN 11/26 Hrd. 0133 fair w/ "Spirit of America" jx,mx is RR (HJH)
- WTON VA 11/26 TC as "Pepsi Cola Time", ID-Ae nx, 0330-0345 (DMc)

- 1240 CFSL PQ 11/28 This u/ UNID TTer w/ ID 0030 (SW)
KWAK AR 11/23 W/ ARK. State/LA. Tech. FB 0225-0245, on Ill SX Net., nx headlines after game, into s/off at 0245, good sig./lst. time here! (NZ)
- 1250 CHWO ON 11/28 Atop 0051-0059 w/ SOUL, ads, o/ WTAE (PrM)
- 1260 WIXY OH 11/28 Good o/ RR & an NIS w/ RR-"WIXY 12-60" & "BIG X" ments. (Wha happened to Wixzee---HWB) 0137-0308, also gives request number. Is WBUD the only NIS on 1260??--(PRM) I dunno, but if they iz, dem I hoid dem--HWB
- WTJH GA 11/19 ET 0228-0255-OC-Organ mx, ID 0247 as ending test,cut it continued till much weaker at 0255 t/out. Good alone, but WWOK also hrd. thru OC (also new) (NZ)
- 1270 WVKY KY 11/29 Local C&W group here 0900-0915 (DMc)
WEIC IL 11/24 Fair o/u KFJZ w/ wx-RR, much wanted (KDF) 12/1 Noted w/ request #, then faded u/ WXYZ (DS) So was b-4 0200----HWB
- 1280 WADO NY 12/1 Atop Ok01+ w/ Gospel caravan, i/o w/ lotsa UNIDS (BW)
WABK ME 11/29 In 0715-0726 w/ good sig., wx-ID-MX, Does older RR stuff & Stepe Stephens show, jx "Where the mx is--WABK" (DMc) Nice!--HWB
- 1300 WOOD MI 12/1 S/off 0104 in WMAK null, fair level, ISSB (BW)
WYNG NC 11/24 Promo 0630 for "Hits of last 15 years" (DMc)
WJDA MA 11/29 Nx-Wx-ID 0600, then into POLKAs (DMc)
WQBK NY 11/28 W/ ID 0830, then UPI nx (DMc)
WCLG WV 11/28 About 0830 hrd. "here in Morgantown", then report on a problem on a Preston County road (DMc)
- 1320 WVOJ FL 11/24 Well atop, loud 0138 w/ C&W mx (MD) I HEARD IT - HJB
- 1330 KFH KS 11/28 TG-ID as "The Mx Station, 13-KFH", @ 0530 (DMc)
- 1340 WIRY NY 11/26 Briefly hrd. 0203 ending Mutual nx (HJH)
- 1350 WNVA VA 11/25 S/on 0600, then UPI nx (DMc)
- 1370 WCOA FL 11/27 O/ regular WSPD 0058, w/ local BKB results (LEB)
- 1380 WYSH NC 12/1 Good on ET 0121 w/ C&W mx (KDF) DITTO (BW-Silly) (BW)
CKPK ON 12/1 Quick s/off-Oh Can.0109 w/ WLCY null, really quite weak.
- 1390 WVON IL 12/1 Killing freq. 0126 after CID to mx(BW) he's 5Kw--HWB
- 1400 WOND NJ 11/24 ET-TT 0140-0155+, IDs e/ 2 min., is this the f/c?? Right day, but the wrong time!(JS) Thats by Dr. John, Right??--HWB
- 1440 WQOK SE 11/24 Strong w/ RR 0048 (MD)
WNBK FL 11/24 Good, but fadey o/u WQOK w/ NIS 0052, no CFGO pest! (MD)
WBUY NC 11/27 S/off 0000 w/ ments. of simalcast w/ WLXN FM, no SSB(LEB)
WHHY AL 11/27 Hrd. 0115 w/ promo for "WHHY Weekend" (LEB)
- 1460 WOKO NY 11/24 ET-TT-OC-MX 0120-0130 u/ loud WBDQ (MD)
* KSO IA 12/1 S/off 0058 w/ WPDQ null, in clear. Still uses a long JX at the end. WRAD noted in there w/ s/off also (DS)
KYSN CO 11/24 Good 0202 w/ detailed ID-Ads-RR mx (KDF)
- 1520 WANR OH 12/1 This is w/ NIS net u/ WKBW 0215 (RLK)
- 1540 CHTN ON 12/2 S/on 0600 in KXEL null,gives address in s/on,then nx(BW)
- 1550 KGMO MO 11/24 ET w/ RS sound, 0130+ (JS)
WBSC SC 11/26 ET-TT-mx, 0130-0200 off (JS)
- 1560 KKAASD 12/1 ET/ID 0227 w/ reverb ID that just killed the freq.(That ID do sound loud don't it??--HWB), 1st. time in NC, state #37 & SD #1, think will be a pest if this continues (BW) He gets LOUDER!--HWB
- 1580 WORG SC 11/24 ET-TT-MX 0100-0135 ID & onward (JS)
WCRV NJ 11/28 O/u CBJ, noted 0021 w/ TT & OC (SW)
KLOU LA 11/25 WCLS w/ TT & KTUF on ET 0345-0405, finally "KLOU,playing the hits 24 hrs. a day",then requests to call the hit line,which I didn't. (DMc)
- 1600 WGIV NC 12/1 Atop jumble w/ soul 0345, after WUNR ET-MX (MD) This guy is still AN M's, or NSP, was gospel AN, now soul--HWB

REPORTERS:..

LEB	Lynn Burke	Newport News,VA	DX160 SM
Bull	Tom Bull	Washington,DC	HQ180 SM
MD	Marc DeLorenzo	Centerville,MA	HQ100 SM Stash
KDF	Karl Fourth	Villa Park,IL.	HQ160 SM
HJH	Harry Hayes	Gouldsboro,PA	Zenith T-O Port--SM
dm			
PrM	Paul Mount	Teaneck,NJ	Panasonic R1551
DMc	Dave McCourt	Williamsport,PA	HQ160 SM Bev.
DS	Dave Schmidtski	New Castle,AK	HQ180 SM
RLK	Robert Keeney	Lawrence,KS	HQ180 SM
FS	Frank Stiles	Winchester,MA	DX150 SM

reporterz: (con't)

NZ	Neil Zank	Lincoln, NE	Sony TFM715W--Hq160--SM
SW	Sharon Waterman	Southwick, MA	HA600 LW
BW	"Super Wink"	Greensboro, NC	HQ180 looped
Silly	John Silliman	Girard, Ohio	Zenith T-0 port.
JS	Jerry Starr	Hubbard, Ohio	HQ180 loop
HWB	Wes Boidski	Girardville, Oh	HQ180 loop(??)

Thats about it, notice more & more guys showing up in different areas. Got 2 in Lincoln, NE---2 in Greensboro, NC---etc. That sure helps any DXer, I can't imagine this hobby without anyone offering tips or help to another DXer. Don't remember where I read this, but it goes something like:

I had a dollar, and met a man with a dollar.

We exchanged dollars, and each still had a dollar!

I had an idea, and met a man with an idea.

We exchanged ideas, and each had 2 ideas!!

The first person to figure out why I remember stuff like that wins totally nothing!--HWB

NOW: If I have figured things out right, this issue is dated 12/22 and will be the last one everyone gets before Christmas. So gang, Happy Holidays & all that, I'd go broke if I sent everyone a card. Remember good old WWVA goes off Christmas morning about 1AM every year! (IE: 12/25) The next DDXD will be done here about 12/23 in order to beat the Christmas mail and get to HQ for the 12/29 printing that you'll get 1/5 or so. Following deadline will be about 12/31 to allow typing it on 1/1 & 1/2, and mailing it on 1/2.

And a special "welcome back" to any/all Canadians out there. Mail service come back, & the skip goes away, now thats nice timing. Bye-Bye CHQM-CFUN-CKBI-etc. Oh well-----

Later,

H.W.B.

**Have a
Beautiful
Day**
on Commercial Radio

Listen to the new
personal sound of **1050
Radio**

MANY NRCers HAVE
ASKED ABOUT THE
EQUIPMENT USED
BY THE FAMOUS...

CAPT GLITZ
with X-2

WONDER WHO
ASKED ANYWAY
FIRST OF ALL
PURHAPS MY
ANTENNA IS
VERY OBVIOUS

THIS IS USED
TO PICK-UP
MW-DX, I
TUNE TO A
FREQUENCY
BY JUST
THINKING OF
ONE

NRC
NEXT I GUESS
ARE THE
VEHICLES

X-2!
THANKYOU,
THE VEHICLES
ARE FIRST
OF ALL
THE NRC
MOBILE
UNIT

**NRC
MOBILE**
IT IS POWERED BY
APOLLO ROCKETS ETC

NEXT OUR
SUPER
SM-2
SPACE
SHIP

ITS QUITE
BIG REALLY
CAPT GLITZ
NOW HAS
THE TIME
CAPSULE

RATHER ODD
LOOKING THING
BUT ITS POSSIBLE
TO GO FORWARD
OUR BACKWARD
IN TIME USING
THIS

WE ALSO
USE THE
NRC
COMPUTER
ROOM

AND OTHER
DX SOURCES
WANA
WANA
WANA

BUT OUR MOST
IMPORTANT AUTHORITY
ON MW-DX IS
N.R.C.S

HQ
DX NEWS

GLITZ LIVES

X-2 THAT
WAS
MY LINE

YES WELL....
PLEASE SUPPORT
DX-NEWS
FOLKS
WE CAN'T
DO
WITHOUT
IT!!

73's

DOAN KICHON

FCC rejects presunrise hike for class 2-B AM's requested by KYMN

The FCC has turned down a request for increased presunrise power for all class II radio stations that had been proposed by KYMN(AM) Northfield, Minn.

Present commission rules limit a station's power before sunrise to the extent necessary to prevent interference with any class I-B station to the west. KYMN currently is restricted to 4.2 watts and had requested an increase to 50 watts.

The FCC said that since the present power limits were set in 1967, it has not changed its stance that secondary or skywave service of the I-B clear channels is of higher priority and must be protected from interference from the primary or groundwave signals of class II stations on clears.

the Public Broadcasting System said that it now has found a way to help these handicapped persons.

Following four years of research on the problem, PBS has asked for a rulemaking on a proposal to amend the television-transmission standards to allow the broadcasting of encoded, captions on line 21, field one and the available half of line 21, field two, of the vertical blanking interval. Comments on the rulemaking are due at the FCC by Dec. 17.

The commission authorized PBS to experiment with such a method at WETA-TV Washington in 1972.

Broadcasting, DEC. 10, 1975

CLIPPING CORNER

Best Method For AM Stereo To Be Studied

Three major industry organizations, the National Association of Broadcasters, the Electronic Industries Association and the Institute of Electrical and Electronic Engineers' Group, have established the National AM Stereophonic Radio Committee to determine the best method standard AM radio stations may broadcast in stereophonic sound. The Committee, organized at the request of the FCC, will study in detail the various systems for providing stereophonic broadcasts by AM stations and will report the results to the FCC.

This action is in concert with the work of the National Stereophonic Radio Committee which led to FM stereophonic broadcasting, and studies now in progress by the National Quadrasonic Radio Committee, which is looking toward four channel FM broadcasting.

Under the parent Committee, there will be a Steering Committee and a number of working groups to study transmitters, receivers and systems and to conduct appropriate evaluation tests. Members will be announced later.

after taking delivery of an Ampex MM-1100 multichannel recorder. The 24-track professional recorder represents the 300th machine shipped since Ampex introduced the model in 1973.

Broadcast
management &
Engineering
Nov. 1975.

World Radio Allocations

***Warren Powis,

INTRODUCTION To enable NRC to put forward a plan to the FCC from a DXer's viewpoint, I feel we should consider the overall Broadcast System Concept for the next 50 years or more. The existing broadcast systems are:

- (I) Amplitude Modulation on Medium Frequencies (540-1600 kHz) and various High Frequency bands between 2 and 30 MHz.
- (II) Frequency Modulation on VHF (88 to 108 MHz).

THE PROBLEMS While the VHF systems are virtually independent of day/night variations in co-channel interference, M.F. systems designed on a similar criterion of 30 dB protection ratio at the, say, 1.0 millivolt per meter contour day would require many of the stations to close at night-time to obtain a reasonable protection ratio. (This is due to skywave propagation about which every DXer knows!) Hence, 24-hour operation of stations implies co-channel station layouts on a night-time skywave basis if transmitter powers exceed around 250 watts. Hence many more stations per channel are achieved with VHF FM for the same protection ratio.

So, if we assume a 30 dB protection ratio (at, say, 1 millivolt per meter contour) for co-channel stations, we must now research the effect of offset-channel ratios. For example, West Germany on 1602 will produce a 2 kHz heterodyne (whistle) with the 1600 East Coast U.S. stations. Since these heterodynes of 1, 2, 3, 4 kHz are around 17 dB more annoying than straight co-channel QRM, we now require a protection ratio of $30 + 17 = 47$ dB. What does this mean? If W. Germany puts down a signal of only 30 microvolts/meter, then a 2 kHz whistle will be just noticeable at the contour of 30 microvolts/m + 47 dB = 0.7 millivolts/meter! If West Germany was on 1600, interference would be noticeable at 1 millivolt/meter instead.

Do the T.A. hets worry stations like WUNR/WWRL? Will these hets worry West Coast & Hawaiian stations when Region 2 (Asia/South Pacific) goes onto these WOG frequencies? For example, if JOAB Japan shifts from 690 to 692 kHz, will their 300 kw worry KKUA or CBU?

Perhaps an FCC measuring program would determine these factors with DXers' help. Basically, FCC would require the following ---

- (I) Measurements of field strengths of distant stations.
- (II) Calculations of field strengths from a standard formula such as the CCIR formula of:

$$F = V + G_s + L_p + 105.3 - 20 \log_{10} P - 10^{-3} KrP$$

F (in dBu, decibels above 1 microvolt/meter) = field strength
V = horizontal transmitted power in dB over 1 kw with respect to a short vertical antenna

G_s = Sea Gain (in dB, effective for tx and rx when located near the seacoast)

L_p = excess polarization coupling loss, generally 0 outside the tropics

P = path length in kilometers

Kr = loss factor which is a function of geomagnetic latitude

- (III) Lab experiments or equivalent by shifting frequency of 1 station with respect to another to determine (or verify) co-channel and offset-channel protection ratios.

The above research work would be a factor in determining the FCC's as to whether remaining on 10 kHz would have any serious disadvantages with respect to hets from many TP stations. I would hope that DXers could be of real help in such assistance.

World Radio Allocations (continued)

RECOMMENDATIONS

1. Due to the 8 or 9 kHz 'cancer' spreading from the original 10 kHz agreements, it is important that all of Region 2 be represented at international conferences - NOW!

2. The FCC check own base for formulae against CCIR formula.

3. That the Broadcasting services which have lost ground to general communications extend their bandwidth allocations, e.g.,
A.M. 540 to 2000 kHz
F.M. 88 to 108 MHz
F.M. (future) 600 - 700 MHz

4. The FCC study relative financial merits of 10 or 9 or 8 kHz spacing (25% of existing stations need not change frequency if 8 kHz is used).

5. My overall preference to the existing situation to fit into the future is that the whole world reverts to 10 kHz spacing along with extension of the M.F. band (540 - 2000 kHz) in preference to a mass exodus to WOG frequencies.

6. That the whole world be encouraged to develop

(I) FM 88 - 108 MHz

(II) FM 600 - 700 MHz

(III) Satellite 700-710 MHz

7. a. Extend Short Wave bands; b. Extend amateur bands 3.5-4.0, 7.0-7.5, 14-14.5 MHz, etc. c. Extend amateur band usage to restricted HiFi AM/FM music/announcements, say 1800, 1820, 1830, 1840, 1850 kHz and FM, say, 600 - 605 MHz.

8. That no further "breakaways" to smaller frequency spacings be allowed after the 1979 world conference agreement unless 95% of all world countries agree to a smaller spacing.

9. Press for maximum worldwide night-time power of, say, 50 kw since super-power transmitters ruin co-channel reception for a large distance. This is because 50 kw (night) would provide superior coverage to the super-power 2000 kw daytime coverage area with around 2 mv/m out to approximately 500 miles radius.

CONT'D FROM PAGE 2

WMCS - TT, voice IDs. Is r/c. V/s Eric R. Linquist, 12 Cooper St., 04654.
Arr.: James Hopkins.

KATE - No program details. V/s Gary Hoff, CE; 305 First Ave. So., 56007.
Arr.: Neil Zank.

WENN - R&B mx. Reports +o: Chief Engineer, Box 1847, 35201. Phone: (205) 324-1026.
Arr.: Van Tassell.

WCCP - No program details. Please use prepared card. V/s Robert E. Liverance,
P&CE; Box 322, 29631. Arr.: Skip Dabelstein.

V E R I E S I G N E R S

540	K W M T B	Walsh, CE	I	1260	W N f D E	RP	Hyer	C
	C BqK	Denise Martin	F		K G B X	K	Hargis, CE	F
580	K I K X T	Tompkins, CE	B		W J B L	DR	Stuursma, CE	H
	W E L O	CJ Eldridge, ACOp	H	1290	Y V P F	JG	Rubio, CE	J
540	C BcT	GD LeDrew, Tech	C	1300	W O O D	MO	Lareau, GM	H
600	W S O M R	Harvark, M	G	1310	C FmG M	BJ	Carnegie, DoE	F
610	C KqT B	u/u	A	1330	W T R X	D	Gale, CE	G
630	W M F D H	Bright, CE	A	1340	K R O C	R	Cross, VPOE	D
	C Ffc Y	M Murtagh	C		W E P M	CL	Golliday, M	G
680	C F T R R	Turnpenny, VP	GH		W M I D	RN	Palitz, CE	J
	W D B C R	Haslow, COp	H	1350	W R N Y		Maria Rich, PD	A
710	W H B	GR Nonemaker, StSu	I	1360	W H B G	HE	Richardson, CE	G
	C K V O R	McCausland, CE	J	1370	W K F D	R	Hickman, O	A
750	W S B	G Fischer	I		W C O A	N	Collier, E	D
790	K GqH L	FL Bartlett, CE	F		W T T S	LM	Bradley, CE	H
850	W Hhd H	"Brownie", CE	J	1380	W L C Y	B	Cooper, CE	J
860	C BcH	P MacGillivray	C		W G U S	S	Daitch, CE	D
	W A M I	J Heath, PD	A	1390	W Lm A N	D	Eberly, CE	A
870	W FfL O	JD Wilson, M	C		W TqN K	u/u,	CE	E
890	W L S	D Amell, CE	E		W F M J	FA	Dieringer, CE	H
900	W L S I	N Beaty, CE	E	1400	W S T C	L	Gambino, BxD	A
	W FpI A	R Manship, GM	E	1420	W D D Y	A	Lazarow, GM	A
	K H O Z	W Wilson, AE	I		W A C T	CW	Price, M	E
930	W KqY	u/u	F	1440	K P U R	M	Rauh, CE	B
940	W I D G	DM Angelo, M	G		W N B E	D	Anglin, CE	K
	W I N Z	(E Reid, CE	J	1450	W K R I	J	Mattias, CE	A
		(W Jacobson, PD	J	1470	H J I M	EO	Aleialde, D	J
960	W E R C	F Roberts, CE	A	1500	W V S M	W	Huber, M	E
970	W T B F	u/u, CE	E	1510	W A H T	P	Neuber Jr.	G
	W Mpf C	H Harris, M	E	1520	W K B W	L	Fiedler, CE	I
	W VpO P	JW Sharpe, CE	E		K O M A	T	Riddler, GM	I
	W BpK H	KE Bailey, VP, GM	E	1530	W Tm T I	L	Richter, CE	A
	W Mpm X	FA Jenne, TD	E		K M A M	BD	Thornton, M	D
980	W KpL Y	BA Melane, CE	E	1540	W P T R	JJ	Cruise, CE	H
990	C BqW	(Lois Frances, PR	E	1550	W E V R	J	Hanten, P, GM	H
		q (L Hagberg	F		W M O O	WH	Goforth, GM	E
		(L Hagberg	C		W Y O U	B	Folk, CE	C
	K SqV P	D Button, M	D	1560	W A D D	GS	Arnold, NxD	G
1000	K M L O	H Scharn, A	B	1570	W OpK C	A	Stokes, VP, GM	E
1010	C F R B	C Eastwood, VPoE	I		W OpK Z	N	Bond, EIC	E
	W F G W	WL Clements Jr, CE, AM	E	1580	W O R G	SK	Reichmeister	CE A
	W BpI X	R Hlubeck, CE	E		W L I J	R	Womble, SM	H
	W M E V	(J Owens, MxD	E	1590	K Y O K	R	Roberts, PD	D
		(Stella Maloney, P, GM	E		K E R C	Mrs. J. Staggs	D	
1050	W D Z	S Bellinger, GM	D		W E L E	JB	Tillis, TD	E
1060	W R M F	A Steiger, CE	E		W CpS L	G	Jarrett, GM	E
1070	C H O K	KE Monk, GM	H		W AfT M	TC	Miniard, GM	E
1090	W M U S	T Wright, PR	A	1600	K M D O	GF	Province, CE	I
	K A A Y	F McDonald, CE	I		W EpU P	u/u,	CE	E
1100	W W W E	Ms J Battison, VPoE	I		K BrO R	WA	Wilson, CE	F
1150	W GpB R	J Kent, PD	A					
1165	C.R.L.	CL White, CE	K					
1190	H J C V	JC Tamayo, D	J		A - R. Musco	F - S. Strentzsch		
1220	W CpP H	JR Blair, GM	E		B - M. Hardester	G - M.O'Shea*		
1240	W SqN J	EL Bold, VP	A		C - S. Waterman	H - J. Sommer*		
	K C C R	D Morud, CE	D		D - N. Zank	I - R. Dale*		
	W BmH B	MF Helms, MX, WxD	E		E - K. Jeter	J - D. Monferini*		
	W Tra X	GE Hoxhin, CE	F			K - E. Cooper		
	W G V A	K Bixby, E	A					
	W WmN S	S Pendergraft, CE	K					
1250	W P E L	RE Brigham, CE	A					
	W I P S	DS Downing, CE	C					
	W RpA Y	WR Wallace III, A	E					
1260	W W O K	PH Dohm, CE	J					

IBA & PIRATE RADIO INFO

The following info was received in a booklet entitled "Sound of the Nation-- The Dee-Jay Directory" from Britain, submitted by Alan Hobson. We have excerpted what is of the most value to NRC'ers interested in DX'ing BBC Local radio or Pirates. Where available, we have listed name, frequency, address, programming type and schedule, as well as v/s. Most are Independent Local Radio Service.

London Bcstg. Co. Ltd. (1151 kHz) Gough Square, London EC4 4LP. News, phone-ins, current affairs, features. Projected 24 h., now 0600-0100Z. 8kw.

Capital Radio; (1546 kHz) Euston Tower, London NW1 3DR. General entertainment. Top 40, goldies, pops. 24 h. 25kw. Michael Bukht, PD.

Radio Clyde. (1151 kHz.) Ranken House, Blythswood Court, Anderston Cross Centre, Glasgow, G2 7LB. General pgmg. many album tracks, 0600-0200Z. 2 kw. Andy Park, PD.

BRMB Radio (Birmingham Broadcasting) (1151 kHz.) Radio House, Box 555, Birmingham, B6 4EX. General entertainment. M-F 0500-0200Z, SA 0600-0200; SU 0700-0000. John Russell, PD. 800w.

Piccadilly Radio. (1151 kHz.) The Piazza, Piccadilly Plaza, Manchester. Heavy rock, top 40. 24 h. 350 w. Colin Walters, PD.

Radio City (Sound of Merseyside) (1546 kHz.) P.O. Box 194, 8-10 Stanley St., Liverpool, L69 1LD. General., 24h. 1.2 kw. Ms. Gillian Reynolds, PD.

Radio Forth. (1546 kHz.) Forth House, Forth St., Edinburgh. General. 0600-0000Z, 2 kw. Richard Findlay, PD.

Plymouth Sound. (1151 kHz.) Earls Acre, Plymouth. MoR & Top 40. 0600-2200Z; 500 w. David Bassett, PD.

Radio Trent. (998 kHz.) Burlington Gate, Castle Gate. Due on air late 1975, 0600-0000Z., 250 w. Bob Snyder, PD.

Radio Tees. (Sound Broadcasting Teeside) (1169 kHz.) 74 Dovecot St., Stockton-on-Tees, Cleveland. Top 40. 0600-0000Z., 500 w.

Pennine Radio (Bradford Community Radio) Pennine House, Forster Sq., Bradford, ED1 5NP. Due on air late 1975. 300 w. Steve Merike, APD. (1277 kHz.)

Victory Radio (1169 kHz.) St. Mary's Institute, Fratton Rd., Portsmouth, PO1 5PA. Due on air late 1975. 500w.

Radio Orwell. (1169 kHz.) 39 Princess St., Ipswich, IP1 3HE. Due on air late 1975. 500w.

Metro Radio. (1151 kHz.) Radio House, Longrigg, Swalwell, Newcastle-upon-Tyne. General. 0600-2200Z. 1 kw. Geoff Coates, PD.

Swansea Sound. (1169 kHz.) Victoria Rd., Gowerton, Swansea. Top 40, many features, some Welsh pgmg. 0600-0000Z M-SA, 0800-2200 SU. 800 w. Colin Mason, PD or Phil Fothergill, Sr. Producer.

Radio Hallum. P.O. Box 194, Hartshead, Sheffield. MoR & Top 40. 0500-0200Z, 300 w. Keith Skues, PD.

WE REPEAT THE ABBREVIATIONS:
 c - postcard q - "QSL" card
 f - form letter r - station sign
 h - v/s is a ham ed DXer's rpt.
 m - sent cov.map u - On f/up.
 n - language at station if not EE
 p - self-prepared verie card
 x - unsatisfactory

Beacon Broadcasting. (989 kHz.) 31 Waterloo Rd., Wolverhampton WV1 1HD. Due on air around 1/1/76.

Community Radio Services. (1025 kHz.) Rademon, Crossgar, Downpatrick, Co. Down, Northern Ireland. Due on air around 1/1/76. 1kw.

Radio Kennet. (1430 kHz.) 22 South Aulley St., London W1Y 6ES. Due on air late 1975. 400 w.

Manx Radio., Isle of Man Bcstg. Commission, Douglas, I.O.M. Music, News, local info. 0700-1900 Z., 1295 kHz. 1 kw (Daylight only); 1594 kHz 1kw (Dawn & Dusk).

Radio Caroline. (1187 kHz.) c/o Rado, Playa de aro, Gerona, SPAIN. 1900-0600 Z, 50/17/10 kw. Album format.

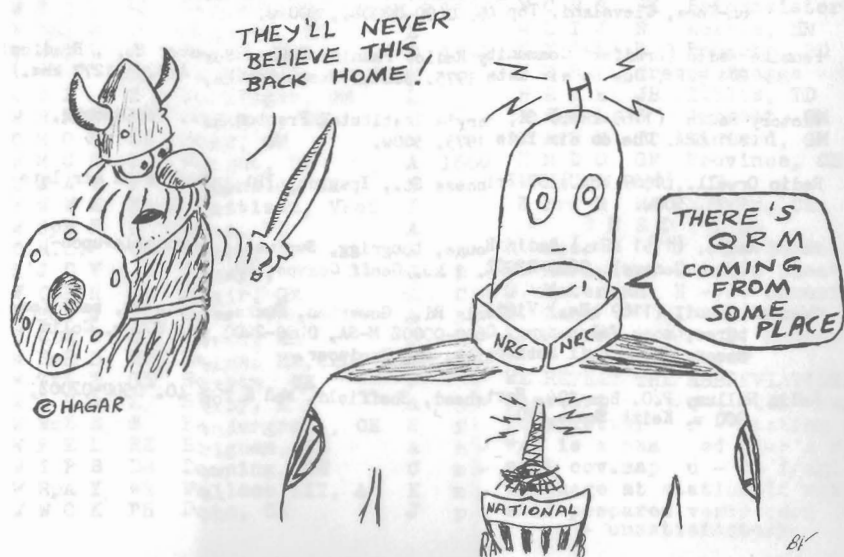
University Stations:

962 kHz.: Swansea: U. R. Aberstawe; Bailrigg: U. R. Bailrigg; Guildford: U. R. Surrey; Coventry: U. R. Warwick.

998 kHz.: Uxbridge: U. R. Brunel; Colchester: U. R. Essex; Canterbury: U. R. Kent; Loughborough: U. R. Loughborough; York: U. R. York.

Maximum Power all stations is 50watts. They generally broadcast around meal-times and in the evenings. They are comparable to our closed circuit college stations.

THE N. R. C. MEMBERSHIP DRIVE GOES ON.....



DX'ING FROM THE OUTER BANKS OF NORTH CAROLINA

by Michael Levintow, N.R.C.

Several DX'ers have reported to DX NEWS their experiences of DX'ing from North Carolina's Outer Banks. As most who made the trip were limited to portables or car radios, it appears that the full DX potential of this fascinating area has yet to be explored. Last August I brought communications-quality equipment there, hoping to get a better idea of the DX possibilities, particularly daytime DX. It turned out to be even better than anticipated, with some totally unexpected surprises!

The North Carolina Outer Banks are a narrow strip of islands along the Atlantic coast, extending southward from the Virginia border more than 150 miles. From a DX'ers standpoint (not to mention the fishing and beach attractions which bring in the summer crowds) the attraction of the Outer Banks lies in the water paths which enhance both daytime groundwave and, to some extent, skip reception. From a QTH on the northern half of the Banks (above Cape Hatteras) unobstructed water paths exist to points north on the East Coast as far north as Cape Cod -- a distance of more than 500 miles. From points south of Cape Hatteras basically unobstructed water paths go all the way down the southern Atlantic Coast as far as Miami. Cuba and the Caribbean islands are also on clear water paths from the Outer Banks. Thus tremendous possibilities exist for long-distance groundwave and low-angle skywave receptions difficult or impossible farther inland.

DX'ing equipment brought to the Outer Banks included a Drake SPR-4 with selectivity modification, run off a portable 15 volt d.c. power supply for high gain. The antenna was a Sanserino loop run off about 20 volts d.c. for the same reason. I took along an SM-1 too, for two-loop phasing experiments, but never got around to that. A Beverage antenna in the Outer Banks would really be the ultimate in signal snatching capability. There seemed to be plenty of space for one in the sand dunes between the highway and the inlet, or possibly in the Cape Hatteras area, but this was another possibility left for another trip.

The QTH selected was the Wright Brothers National Memorial in Kill Devil Hills, because of its easy accessibility from the highway and low noise level. The works was set up on a picnic table near the Memorial, soon attracting numerous curious tourists. To minimize skywave, all daytime DX'ing was done between 11:30 AM and 1:30 PM EDT (August 17).

The biggest surprise was the excellent signals along western paths. (Such reception may be favored by the presence of Albermarle Sound, a 30 mile stretch of water due west of the QTH.) Examples: WSLC-610 Roanoke, Virginia, 250 miles away, as good as cochannel WIP from Philadelphia at about the same distance but on a water path; WSM-650 500 miles away, readable; WSB-750 with WBMD looped out. A weak but identifiable WGN-720 was the best of these, almost 800 miles away. No fading of any of these was detected, which doesn't mean that skywave was completely absent but suggests that its effect was negligible.

20

As expected signals received along the Northeast water paths were numerous, often dominating frequencies with much closer stations present. Some of these had truly amazing signals; WBZ-1030 was like a local and the New York clears were among the strongest stations on the daytime dial! It appeared that about half the stations in each of the following metropolitan areas were receivable: Washington, Baltimore (these because of Chesapeake Bay) Philadelphia, New York and Providence. All the Atlantic City area graveyarders were receivable; in fact strongly dominant on their respective frequencies with the loop pointed right.

Signals from the southern coast were rare as expected, due probably to shoreline blockage from the Kill Devil Hills QTH. Nothing definite from the South Carolina or Georgia coasts was noted, and the only Floridian was WAPE, a poor second to WNNT on the 690 spot. This situation changes dramatically for DX from Cape Hatteras or further south on the banks. WAPE becomes strong and other southern coastal stations should be possible also. (This trip not attempted, though.) Surprise -- three Cubans were fairly good from Kill Devil Hills daytime: 640, 670 and 720 (best). These were pure water path, thus not encountering the land blockage problems previously mentioned.

Originally I attempted to compile a complete log of daytimers receivable from Kill Devil Hills. This project soon bogged down because of the incredibly large number of stations possible on daytime DX. A typical frequency, other than a 1-A clear, had three identifiable stations, and some had even more. The following log attempts to fill some of the gaps. Stations underlined were definitely ID'ed, other stations outside parentheses are tentatives and those in parentheses are believed likely but were not listened for.

The northern Outer Banks area has only two AM locals, WGAI-560, Elizabeth City and WOBR-1530, Wanchese. WGAI is actually inland but gets good coast coverage because of the inland water path. Both stations were easily nulled out in Kill Devil Hills using the altazimuth loop, 560 revealing a solid WFIL and 1530 showing a weak unid., probably WRBX in Chapel Hill. (WOBR gets out very well north, making it as far as the southern side of Cape Cod daytime despite the low power, but WGAI gets out poorly in that direction due to its directional pattern.)

A little nighttime DX'ing was tried with rather unspectacular results, to be expected given midsummer propagation conditions. Most frequencies other than clear channels were complete jumbles, with more QRM noted than from more northerly locations. Such factors as residual groundwave, the absence of nearby geographical blocking and the large number of Eastern stations with directional patterns putting major lobes in this direction are likely causes of the situation. A few highband TA's were noted, along with some LA's and local-like Radio Paradise-1265. On the other hand, in the winter with a 2000-foot Beverage pointed towards Europe...

To summarize, the North Carolina Outer Banks have great DX potential for the interested DX'er, with many possibilities yet to be explored.

North Carolina Outer Banks Daytime DX Log --
Kill Devil Hills, N. C. August 17, 1975 11:30 AM - 1:30 PM EDT

540	<u>WDMV</u>	WETC	(WLIX)
550	<u>WSVA</u>	WGNG	
560	<u>WGAI</u>	<u>WFIL</u>	
570	<u>WGMS</u>	<u>WMCA</u>	
580	<u>WLES</u>	<u>WHP</u>	(WTAG)
590	<u>WGTM</u>	WLVA	(WEEI)
600	<u>WCAO</u>	<u>WICC</u>	
610	<u>WIP</u>	<u>WSLC</u>	(WHPL or WAYS)
620	<u>WDNC</u>		(trace WVNJ)
630	<u>WMAL</u>	<u>WPRO</u>	<u>WMFD</u>
640	<u>CMQ</u>		
650	<u>WSM</u>		
660	<u>WNBC</u>	trace	WESC
670	<u>Cuban</u>	trace	WMAQ
680	<u>WCBM</u>	<u>WPTF</u>	(WRKO)
690	<u>WNNT</u>	<u>WAPE</u>	
700	<u>WLW</u>		
710	<u>WOR</u>		
720	<u>Cuban</u>	<u>WGN</u>	
730	<u>WFMC</u>	<u>WPIK</u>	(WACE)
740	<u>WMBG</u>	<u>WMBL</u>	(WGSM) (WVCH)
750	<u>WBMD</u>	<u>WSB</u>	
760	<u>WCPS</u>	trace	WJR
770	<u>WABC</u>		
780	<u>WAVA</u>		
790	<u>WTAR</u>	<u>WEAN</u>	
800	<u>WSVS</u>	<u>WTMR</u>	(WCHA)
810	<u>WYRE</u>	<u>WCEC</u>	
820	het		(off-frequency Cuban hetting WOSU?)
830	<u>WNYC</u>		
840	<u>WRYM</u>	<u>WHAS</u>	
850	<u>WRAP</u>	<u>WKIX</u>	
860	<u>WEVA</u>	<u>WTEL</u>	WAYE
870	<u>WFLO</u>	<u>WGTL</u>	
880	<u>WCBS</u>	<u>WRRZ</u>	
890	<u>WHNC</u>		
900	<u>WIAM</u>	<u>WJWL</u>	WFLN
910	<u>WRNL</u>	<u>WLAS</u>	(WSBA)
920	<u>WPTX</u>	<u>WBBB</u>	(WTTM)
930	<u>WITN</u>	<u>WTHD</u>	(WPAT)
940	<u>WEOO</u>	<u>WFNC</u>	
950	<u>WXGI</u>	<u>WPEN</u>	(WRYT)
960	<u>WFTC</u>	<u>WBOC</u>	(WFIR or WELI)
970	<u>WRCS</u>	<u>WWDJ</u>	
980	<u>WRC</u>	<u>WKLM</u>	WMEK
990	<u>WBTE</u>	<u>WIBG</u>	WANT
1000	<u>WRAR</u>	(WIOO or WLMS)	
1010	<u>WELS</u>	<u>WSID</u>	WINS
1020	<u>KDKA</u>		
1030	<u>WBZ</u>		
1040	?		(signal trace)

1050	<u>WCMS</u>	WHN		
1060	<u>KYW</u>	unid		
1070	<u>WNCT</u>	(WINA)		
1080	<u>WWDR</u>	<u>WTIC</u>		
1090	<u>WBAL</u>	WBZB		
1100	<u>WHLI</u>			
1110	<u>WBT</u>	<u>WNAR</u>	<u>WHIM</u>	
1120	<u>WUST</u>			
1130	<u>WNEW</u>	WPYB		
1140	<u>WRVA</u>			
1150	<u>WGBR</u>	WDEL	WBAG	
1160	<u>WJJD</u>			
1170	<u>WHLW</u>	WWVA		
1180	WHAM			
1190	<u>WANN</u>	WSML	(WLIB)	
1210	<u>WCAU</u>			
1220	<u>WFAX</u>	WENC	(WRIB)	(WREV)
1230	<u>WCNC</u>	WNOR	(WCBT)	(WISP)
1240	<u>WCNC</u>	<u>WGBB</u>		
1250	<u>WYSR</u>	<u>WFAG</u>	(WMTR)	
1260	<u>WCDJ</u>	(WWDC)		
1270	<u>WTID</u>	WMPM		
1280	<u>WYAL</u>	WADO	WSUX	(WTTX)
1290	<u>WGLI</u>	WTUX	(WEYE)	(WPVA)
1300	WFBR	WYNG		
1310	<u>WGH</u>	WTIK		
1320	WEET	WEWE	WICO	
1330	<u>WESR</u>	WKVO	(WEVD)	(WBTM)
1340	<u>WMID</u>	WHAP		
1350	<u>WKLX</u>	2 unid's		
1360	WEBB	WVBZ	WCHL	
1370	<u>WJWS</u>	<u>WALK</u>	WKIK	
1380	<u>WTVR</u>	WBNX		
1390	<u>WEED</u>	WEAM	(WRIV)	
1400	<u>WOND</u>	WWOC	(WSMY)	
1410	<u>WDOV</u>	WIKI	(WSRC)	
1420	WDDY	WVOT		
1430	<u>WNAV</u>	WIVE	WNJR	(WRXO) (WDJS)
1440	<u>WBAB</u>	WMVB	WKLV	
1450	<u>WFPG</u>	<u>WLPM</u>	(WHIT)	
1460	<u>WPRW</u>	WEMD	(WAKS)	
1470	<u>WJDY</u>	WPNC		
1480	WLEE	WHOM	WYRN	
1490	<u>WUSS</u>	WVEC	(WRMT)	(WRNB)
1500	<u>WTOP</u>	WKBX		
1510	WJIC	WMEX	WEAL	
1520	WEXM	WSLT	WTHE	
1530	<u>WOBR</u>	WRBX		
1540	<u>WADK</u>	<u>WRGM</u>	WRCP	
1550	<u>WVAB</u>	WGNL	(WYNA)	
1560	<u>WTRQ</u>	WQXR		
1570	WTOW	WNCA	(WBUX)	
1580	<u>WPGC</u>	WILA	(WSUF currently silent)	
1590	<u>WETT</u>	WGOE		
1600	<u>WCPK</u>	WKEN		

1230 KHZ LOG - DAVE LEWIS

Explanation

Column 1 = Call Letters
 Column 2 = Location (Listed Alphabetically by State (etc.) and then by City—Zip Code follows)

Column 3 = Mailing Address

Column 4 = Hours of Regular Scheduled Programming (Listed by Eastern Time)
 Times in Parentheses, unless otherwise specified, are for Sunday operation.

SP - Silent Period NSP - No Silent Period

Column 5 = Format

If description is space dash space - The First Listing is the Day Format & the Later the Night

If the description is not space dash space - The Format is Mixed

Column 6 = Network

Ac-American Contemporary AP-AP News Radio Mb-Mutual Black

Ae-American Entertainment C-CBS N-NBC

Ai-American Information M-Mutual UPI-UPI Audio

All Stations operate Unlimited Hours with a Non-directional Antenna and a power of 1 Kw Days & 250 Watts

Nights, except:

Directional Days-Nondirectional Nights = WEEB-PA

250 Fulltime = KIFW-AK, WEME-ME, KCHS-MN, KDJK-TX

500 Watts Days & 250 Nights =

100 Watts During KPFC's Hours of Operations = KGFJ-CA

Operate Specified Hours Only = WEME-ME, WMPC-MI, KOTY-NM, KRNS-OR, KQIK-OR, KSEY-TX, WODI-VA



by César Objío

On business I had to undertake a trip with my boss to Colombia with stops at Bogotá, Barranquilla, Panamá and Colón. Our intention was to meet some persons related to the jewelry business at those places. My interest for that trip was not very high as I usually have a lot of work to do at the office and a week away from the office will press things later with an accumulation of work. But this was the only time when an order was received joyfully, and all expenses covered.

Well, we left Santo Domingo on October Tuesday 7 with stops at Barranquilla and Cartagena, but there was no permission to leave the plane at those places. Flight to Bogotá was a night trip arriving about 10 p.m. local time in an Aerocóndor plane. El Dorado Airport is a big place resembling very much the Miami Airport.

Bogotá, D. E. (Distrito Especial), was founded the 6th of August 1538 by the Spaniard Gonzalo Jiménez de Quesada on a high plateau over the Andean mountains and was originally named "Tausaquillo" by the Chibchas Indians, ancient inhabitants of the region. At that time they built 12 "bohíos" or huts of straw and a chapel after the style of them at the place where the Basílica Primada or Cathedral Church is located today. One can admire the imagen in sculpture named "Christ of the Conquest" venerated since then. In 1540 this village received the well deserving title of "very noble and very loyal Santa Fe" conferred upon by the King Charles V of Spain. On July 20th 1810, at a place very admired by tourists, the "Casa del Florero", located in Bogotá's main square, very important events gave rise to Colombia's search for independence. On December 17, 1819, Bogotá gained the rank of Capital of the Republic of Colombia. In 1954, the municipalities of Bosa, Engativá, Fontibón, Usme, Suba and Usaquén joined Bogotá which became Distrito Especial. Nowadays, Bogotá, D. E. is a huge metropolis with a population estimated at 3,500,000 inhabitants and a total area of 1714 km². It is 8530 feet above sea level and has an average temperature of 57°F. Because of this no air-conditioning is necessary at any place in Bogotá.

When visiting Colombia exchange your dollars at any bank in preference, where you will get a better percentage than exchanging them at any other place. We received 52.09 pesos from every dollar at the bank and only 31.50 at any other place.

A recommended visit is that of the Gold Museum at the very heart of Bogotá, right in the Santander Park. This museum, the first in its class in the whole world lodges within its walls the most complete collection of pre-Columbian artifacts worked in the purest of metals by the tribes that lived in Colombia before the discovery of America. Approximately there are some 12,000 pieces from this fabulous and valuable collection.

As soon as we were at the hotel I started to listen to my Sony TFM1000WA chasing the local stations, 30 in all. Some changes of names were noted plus another important news I wanted to know, and asked for it. Everybody knows the meaning of CARAGOL (Cadena Radial Colombiana), but never had heard the meaning of TODELAR. And there is a very simple answer, the owner created the name from his own name: B. Tobón de la Roche. Here is a log of the stations heard:

B O G O T A

- 540 - R. Horizonte, Bogotá, 24 h.
- 570 - R. Nacional, Bogotá, s/off 0500.
- 590 - R. Sutatenza, Medellín
- 610 - Emisora Nueva Granada, Bogotá, 24 h.
- 650 - Emisora Monserrate, Bogotá, s/off 0600.
- 690 - La Voz de Colombia, Bogotá
- 730 - R. Melodía, Bogotá, 24 h.
- 770 - R. Tequendama, Bogotá, 24 h.

- 800 - P J B, Bonaire
- 810 - R. Sutatenza, Bogotá
- 850 - Emisora Nuevo Mundo, Bogotá, 24 h.
- 870 - R. Cristal, Guayaquil, Ecuador
- 890 - La Voz de Bogotá, 24 h.
- 900 - La Voz de Cali, Cali
- 950 - R. Continental, Bogotá, 24 h.
- 970 - La Voz de la Víctor, Bogotá
- 980 - E. El Sol, Cali
- 1010 - Emisora Mil Veinte, Bogotá, 24 h.
- 1040 - R. Super, Bogotá, 24 h.
- 1070 - R. Santa Fe, Bogotá, 24 h.
- 1090 - Ondas del Valle, Cartago (from 1190)
- 1090 - La Voz de la Selva, Florencia (change of name from Rcos del Curiplaya)
- 1100 - R. Reloj, Bogotá, 24 h.
- 1130 - Emisora El Dorado, Bogotá, 0600, sometimes IDing in English
- 1140 - R. Girardot, Girardot
- 1150 - Ondas del Caribe, Punto Fijo
- 1160 - El Mundo en Bogotá, Bogotá
- 1190 - R. Cordillera, Bogotá, 24 h.
- 1210 - La Voz Amigs, Pereira, 24 h.
- 1220 - R. Juventud, Bogotá
- 1230 - R. Calidad, Cali, 24 h.
- 1250 - R. Capital, Bogotá
- 1250 - Emisores ABC, Barranquilla, after R. Capital s/off.
- 1280 - R. Sonorama, Bogotá (a change of name from R. Metropolitana)
- 1280 - R. Universal, no location heard
- 1290 - Ondas del Puerto, Girardot, 0600.
- 1310 - R. Visión, Bogotá, 24 h. (a change of name from R. Quince)
- 1340 - La Voz de la Sabana, Bogotá, 24 h. (a change of name from R. Calidad)
- 1360 - R. Catatumbo Internacional, Maracaibo, Venezuela
- 1370 - R. Mundial, Bogotá, 24 h.
- 1400 - Emisora Mariana, Bogotá (91.5 F.M.)
- 1430 - Emisora Kennedy, Bogotá (HJKU - 1430 - 4775). They also announce the name of Emisoras Unidas
- 1460 - R. Nuevo Continente, Bogotá, 24 h. (91.7 F.M.)
- 1490 - R. Orientación, Bogotá (a change of name from R. Ritmos)
- 1520 - R. Latina, Bogotá
- 1550 - R. Fantasía, Bogotá

My first three days were really a mess as I was constantly with a terrible headache produced by the altitude and could not enjoy my stay much better, but business had to be attended to. Because of this I could not visit the Monserrate church on the cable-car to another high mountain close to Bogotá more than 9000 feet above sea level.

On Saturday 11 we boarded an Avianca plane to Barranquilla where we spent the Saturday night. We rented a taxi for a ride around the town, after that we went to the hotel for a night sleep, but I spent most of the night listening to the radio, here are the stations heard:

BARRANQUILLA

- 550 - R. Rebelde, Pinar del Río, Cuba
- 570 - R. Rumbos, Caracas, Venezuela
- 575 - R. Nacional, Bogotá
- 600 - R. Libertad, Barranquilla, 24 h.
- 640 - La Voz de Santa Marta, Santa Marta, 24 h.
- 650 - R. Girardot, Maracaibo, Venezuela

680 - R. Nacional, Zambrano
 710 - WGES, Miami
 720 - Emisores Unidas, Barranquilla, 0500
 750 - La Voz de Barranquilla, Barranquilla, 24 h., 30 kW
 800 - P J B, Bonaire
 810 - R. Sutatenza, Bogotá
 820 - La Voz del Río Cauca, Cali, 24 h.
 840 - Ondas del Caribe, Santa Marta, (with educational programs)
 850 - Emisora Nuevo Mundo, Bogotá
 860 - R. Ochocientos Sesenta (860), San Cristóbal, Venezuela
 870 - La Voz del Tolima, Ibagué
 890 - La Voz de Bogotá, Bogotá
 900 - La Voz de Cali, Cali
 910 - Unid. English speaking, probably Belize
 910 - La Voz del Río Grande, Medellín
 920 - Emisoras Fuentes, Cartagena
 960 - R. Sutatenza, Magangué
 1005 - R. Colosa, Neiva
 1010 - R. Sutatenza, Barranquilla
 1040 - R. Tropical, Barranquilla, 24 h.
 1070 - Emisora Atlántico, Barranquilla, 24 h.
 1100 - R. Reloj, Barranquilla, 24 h.
 1130 - Emisora Río-Mar, Barranquilla, 0500
 1180 - R. Petrolera, Ciudad Ojeda, 0550
 1190 - La Voz de la Costa, Barranquilla, 0500
 1190 - R. Cordillera, Bogotá
 1220 - R. Visión, Barranquilla (a change of name from R. Quince)
 1250 - Emisoras ABC, Barranquilla, 24 h.
 1280 - R. Sonorama, Bogotá
 1290 - La Voz del Turismo, Santa Marta (new station)
 1310 - La Voz de la Patria, Barranquilla (96.7 FM HJAK - 0600)
 1340 - R. Olímpica, Barranquilla, 24 h.
 1370 - R. Piloto, Barranquilla
 1400 - R. Variedades, Barranquilla
 1420 - R. Reloj, Cartagena (a change of name from R. Bahía, they also ID as
 1430 - R. Geledón, Santa Marta (new station) ("Monitor 75")
 1470 - R. Rodadero, Santa Marta
 1490 - Onda Nueva, Barranquilla (a change of name from R. Cumbia) 0600
 1520 - R. Minuto, Barranquilla, 24 h.
 1550 - Emisora La Voz Porteña, Barranquilla, 24 h.
 1580 - R. Príncipe, Barranquilla, 24 h.

I could not hear Emisora Atalaya either from Bogotá or Barranquilla, but I don't think they are operating on 800 kHz with PJB covering this frequency with such a wide range. As you can see there is a slight difference in frequency in Radio Nacional de Colombia from Bogotá, the same happened when listening from Colón. I could not check this from Bogotá due to the power of the station covering a lot of space on the dial.

Next day Sunday October 12 there was a school boys parade in commemoration of Columbus day, named in Colombia as "Día de la Colombiada", when the President of the country visited a small town in the Amazon jungle and said a speech in a local dialect. The school boys dressed in green paraded through the hotel street. Later we took the taxi again in order to seek the town in the daylight, a pleasing driver showed us most of the city with more than a million inhabitants. The studios of Radio Sutatenza 1010 could be seen from the outside only, we did not try to visit them.

In the afternoon we boarded a COPA plane (from Compañía Panameña de Aviación) and flew straight to Tocumen Airport at Panamá. It was raining when we arrived, no problem with customs and out to a taxi driving to Panamá. On recommendation we decided to travel

to Colón that evening by bus instead of waiting for the next day. The bus was almost full of local people, windows closed because of the rain, no air-conditioning and a tape player with local music blaring loudly. 50 miles of good road was smoothly covered in 90 minutes with stops now and then. We arrived at Colón at 9 p.m. and went to Sotelo Hotel.

The city of Colón, on the Atlantic coast of Panamá, is a sleepy and quaint tropical town in direct contrast to the capital, Panamá City. To the visitor, Colón will most likely bring back memories of the typical tropical port so often portrayed in Hollywood movies. But the appearance of Colón itself and the pece of its inhabitants is quite misleading. Cristóbal, the Canal Zone port is just a few hundred yards away, is one of the busiest ports of Latin America, and the Colón Free Zone at the opposite end of the town is a major transshipment point for world commerce. It started its municipal life as a railway terminal and a transit town for the "fortyniners" of the Californian gold rush. In those days it was named Aspinwall and became the Atlantic side terminal in place of Portobello and Nombre de Dios which had become impoverished and decayed as Spanish influence waned and the importance of the Isthmus as a land-link between the two oceans decreased. Colón 60,000 inhabitants are predominantly of West Indian origin and their descendants were brought to Panamá as workers on the construction of the Panamá railroad and later the Canal

Here is a log of the stations heard while at Colón:

COLON

530 - R. Rumbo, Cartago, Costa Rica
 540 - XEW, La Voz de la América Latina, México
 550 - R. Rebelde, Pinar del Río, Cuba
 560 - Circuito RPC (La Grande), Colón
 570 - R. Rebelde, Santa Clara
 575 - R. Nacional de Colombia, Bogotá
 580 - R. Rebelde,
 590 - R. Rebelde, San Antonio de Las Vegas, Cuba
 600 - R. Rebelde, San Germán, Cuba
 610 - Circuito RPC, Panamá
 630 - R. Liberación, Santa Clara, Cuba
 640 - C.P.R. (Cadena Panameña de Radiodifusión), R. Aeropuerto, Colón
 650 - R. Mía, Panamá
 670 - R. Progreso, San Pedro de Cacocum, Cuba
 675 - R. Sonora, San José, Costa Rica
 680 - R. Nacional de Colombia, Zambrano
 690 - R. Progreso, La Habana, Cuba
 700 - R. Reloj de Costa Rica, San José
 710 - WGES, Miami (testing at 0508 on 10/13)
 710 - R. Super, Medellín, Colombia
 720 - R. Rebelde, Colón, Cuba
 730 - R. Melodía, Bogotá, Colombia
 730 - R. La Exitosa, Panamá
 740 - R. Liberación, Camagüey, Cuba
 750 - La Equis (X), Managua, Nicaragua
 750 - R. Centenario, Quevedo, Ecuador
 760 - La Voz del Istmo, Panamá
 770 - R. Tecuandama, Bogotá, Colombia
 780 - La Voz del País, Cali, Colombia
 790 - S.C.N., Fort Clayton, Panamá, 24 h.
 800 - P J B, Bonaire
 825 - Titania, San José, Costa Rica
 834 - Belize, relaying BBC
 880 - La Fabulosa, Colón, Panamá
 900 - La Voz de Cali, Cali, Colombia, 24 h.
 910 - La voz del Río Grande, Medellín, Colombia

- 940 - R. Eco, Cali, Colombia
 940 - R. TV2, Panamá
 980 - R. El Sol, Cali, Colombia
 990 - La Voz de Medellín, Medellín, Colombia
 990 - R. Impacto, Panamá
 1000 - R. Mil, México
 1005 - R. Colosal, Neiva, Colombia
 1020 - Onda Popular, Colón, Panamá
 1025 - Ecos del Combeima, Ibagué, Colombia (from 710)
 1050 - R. Familiar, Medellín, Colombia (a change of name from Emisora Mil Cuenta, Frecuencia Melódica, de S.A.R., Sociedad Antioqueña de Radiodifusión)
 1065 - La Voz del Centro, El Espinal, Colombia
 1070 - R. Santa Fe, Bogotá, Colombia
 1080 - R. Tic Tac, Panamá
 1080 - R. Musical, Cali, Colombia
 1090 - R. Libertad, Colón, not heard
 1140 - R. Cristal, Medellín, Colombia
 1140 - R. Juvenil, Panamá
 1150 - R. Mía, Colón, not heard
 1155 - Ondas Orientales, La Unión, El Salvador
 1170 - R. Columbia, Puntarenas, Costa Rica
 1190 - R. Cordillera, Bogotá, Colombia
 1195 - R. Casino, Limón, Costa Rica
 1200 - R. Super, Cali, Colombia (a change of name from La Sultana del Valle)
 1220 - R. Cuadro, XEB, México (a change of name from La B Grande)
 1290 - R. Libertador, Cali, Colombia
 1310 - La Voz de Colón, Colón, not heard
 1325 - R. Columbia, Liberia, Costa Rica
 1340 - R. El Mundo, San Pedro Sula, Honduras (R. Cadena Mundo)
 1390 - R. Atlántico, Colón (1100-0500)
 1420 - S.C.N., Ft. Davis, Colón, 24 h.
 1450 - R. Monumental, Nicoya, Costa Rica
 1460 - Emisora Nuevo Continente, Bogotá, Colombia
 1500 - R. Tigre, Cali, Colombia
 1500 - La Voz de la Victoria, Colón, Panamá, not heard
 1570 - R. Once Musical, Colón.

Our business ended in the afternoon of Tuesday 14 when we boarded the air-conditioned Canal Zone train to Panamá.

The Canal Zone is the strip of land 10 miles wide through which runs the Canal. It is under U.S. jurisdiction, but there is completely free access to land from the Republic of Panamá. Few visitors will want to miss seeing the operation of the Canal and to tour through some of the scenic parts of the zone.

In 1524, Charles V of Spain ordered the first survey of a proposed canal route, but over three centuries were to pass before the construction began. The French started a canal under de Lesseps, builder of the Suez Canal in 1880, but after 20 years of struggle, disease and financial problems, they were forced to give up. In 1903, Panamá successfully seceded from Colombia, Panamá and the U.S.A. signed a treaty in which a concession for a public maritime transportation service across the Isthmus was granted in exchange for an annuity. The following year, the U.S.A. purchased the French canal company's properties for \$40 million and began to dig. The average toll for ships using the canal is \$7,200 but they save about ten times this figure by eliminating the journey round "the Horn". The Canal is about 50 miles long and ships are "lifted" 85 feet in three lockages as they cross the Isthmus. The journey through the Canal takes about 8 hours and a ship is normally in Canal waters between 14 and 16 hours.

The Panama Canal Administration provides a guide service at Miraflores locks and there is even a special visitors' theatre showing Canal history and documentaries. There is a museum; and the Rotunda of the Administration Building is worth taking a look at for the stirring murals of construction days. The Summit Gardens are also well worth a visit. Just a 20 minute drive from the Administration Building, the gardens spread over 500 lush tropical acres where there are 15,000 varieties of plant life. There are also picnic and playground areas and a small zoo. The engineers who made the original studies for a canal favoured a sea-level project, but problems of excavating Gaillard Cut sufficiently deep, caused their decision to build a locking canal instead. However, the possibility of building a sea-level waterway, either in Panamá or in other favourable sites in Central America is still being studied.

I did not have time to visit any station at Colón but heard 1420 Southern Command Network (S.C.N. as they announce on the air) this station is located close to Colón at Fort Davis and 790 S.C.N. is located at Fort Clayton close to Panamá city. The trip from Colón to Panamá lasts some 90 minutes most of the time by the Canal. When we arrived took a taxi to the hotel.

Panamá City, the capital of the Republic of Panamá, with a population of over 400,000 lies on the crescent-shaped and palm-fringed shore of the Bay of Panamá, looking out towards the expanse of the Pacific Ocean. The word Panamá comes from the language of the Indians who originally occupied the site, but who have long since disappeared into the country's multi-racial community along with their language. It is believed to have meant "many fish". The main street of Panamá City is Central Avenue, lined with a maze of stores where all kinds of bargains in clothing, cameras, sound equipment, jewellery, watches and just about anything you can think of can be had.

For the sake of simplicity, Panamá City can best be explained by dividing it into three distinct areas. Firstly, there are the ruins of Old Panamá (Panamá Viejo) which was founded on August 15, 1519. Then there is the older area of New Panamá and the modern suburbs, hotels, and business section in between. Old Panamá met its end when it was razed in 1671 by the Spanish governors to foil any thought that the pirate Henry Morgan might have of using it as a fortified base after this successful capture and looting the city. After the burning of Old Panamá and the departure of Morgan, the Spanish Government set about building a new city of Panamá which is at today the downtown area of Santa Ana. Here the narrow streets and overhead balconies retain the flavour of Colonial Spanish architecture.

I only had time to IX after midnight Tuesday night and Wednesday morning, but time was enough for the following logging:

PANAMA

- 540 - R. Tropicana, Guayaquil, Ecuador
 550 - C.P.R. (Corporación Panameña de Radiodifusión), R. Aeropuerto, Panamá
 560 - R. Rebelde, Santiago, Cuba
 570 - R. Capital, Panamá, not heard (delete)
 570 - R. Rebelde, Santa Clara, Cuba
 580 - R. Rebelde, Baracoa, Cuba
 580 - R. Rebelde, San Antonio de las Vegas, Cuba
 610 - R.P.C. Radio Panamá, Panamá
 620 - R. Ciudad de Cali, Cali, Colombia
 650 - R. Mía, Panamá
 670 - R. Hogar, Panamá
 670 - R. Progreso, San Pedro de Cacocum, Cuba
 690 - R. Progreso, La Habana, Cuba
 700 - R. Revolución, Panamá, not heard
 710 - WGBS, Miami
 730 - R. La Exitosa, Panamá, 24 h.

- 760 - La Voz del Istmo, Panamá
 760 - La Voz de Barranquilla, Barranquilla, 50 kw
 790 - S.C.N., Fort Clayton, 24 h.
 800 - P.J.B. Bonaire
 810 - R. Iatina, HOG, Panamá (a change of name from Estación de la Comunidad)
 820 - La Voz del Río Cauca, Cali, Colombia
 840 - R. Libertad, Panamá, 24 h.
 870 - R. Musical, Panamá
 900 - R. La Voz del Pueblo, Panamá
 900 - La Voz de Cali, Cali, Colombia
 910 - R. Aeropuerto, Maiquetía, Venezuela
 910 - La Voz del Río Grande, Medellín, Colombia
 920 - Musoras Fuentes, Cartagena, Colombia
 940 - E. TV2, Panamá
 965 - Onda Popular, Panamá
 980 - R. El Sol, Cali, Colombia
 990 - R. Impacto, Panamá
 1005 - R. Colosa, Neiva, Colombia
 1015 - R. Reloj, Panamá
 1025 - Ecos del Combeima, Ibagué, Colombia
 1055 - La voz del Centro, El Espinal, Colombia
 1060 - Musical 75, Panamá (a change of name from R. Titania)
 1080 - R. Tio Tac, Panamá
 1100 - R. Mil, Panamá (they never ID as R. Mil Cien)
 1120 - R. Montunita, Panamá (not heard)
 1150 - Musora El Dorado, Bogotá, Colombia
 1140 - R. Juvenil, Panamá
 1170 - Ondas Istmeñas, Panamá (not heard)
 1190 - R. Caracol, Panamá (not heard)
 1190 - R. Cordillera, Bogotá, Colombia
 1210 - R. Díez, Panamá
 1230 - R. Calidad, Cali, Colombia
 1250 - La Grande, La BB, Panamá, 24 h.
 1270 - R. Femenina, Panamá
 1290 - R. Guadalupe (La Pentera) Panamá
 1330 - Canal 13, Panamá (not heard)
 1340 - R. Vigía, Cartagena, Colombia
 1360 - R. Reloj de Caracol, Panamá (new station)
 1370 - R. Universal, Puerto Cabezas, Nicaragua (new station)
 1380 - La Voz de Panamá, not heard
 1410 - Super Radio, Panamá
 1440 - Cadena Panameña de Radiodifusión, not heard
 1450 - R. Sintonía, Villa María, Colombia
 1470 - R. Libre, Panamá, not heard
 1510 - R. Eouis (X), Panamá
 1520 - R. Minuto, Barranquilla, Colombia
 1540 - R. Redaj, Panamá (a change of name from R. TNT)

Stations not heard were not found even on the telephone book, so it is supposed they are definitely off the air.

On Wednesday 15 afternoon we headed for Tocumen airport, this time in the daylight and could see some of the city. An Iberia plane was waiting to fly us straight to Santo Domingo.

Herb Jepko Nite-Cap Stations by Frequency
 as compiled by Greg Neumann

590	WVLK	Lexington, KY	1kw DA-2	1340	WNHC	New Haven, CT	250w ND
600	WSJS	Winston-Salem, NC	5kw DA-2		WPBR	Palm Beach, FL	250w ND
620	KTAR	Phoenix, AZ	5kw DA-N		WMBO	Auburn, NY	250w ND
	WVMT	Burlington, VT	5kw DA-2		WALL	Middletown, NY	250w ND
630	KIDD	Monterey, CA	1kw DA-2	1350	WHWH	Princeton, NJ	5kw DA-2
710	KIRO	Seattle, WA	50kw DA-N	1360	KSCJ	Sioux City, IA	5kw DA-N
840	WHAS	Louisville, KY	50kw ND	1400	KTUC	Tucson, AZ	250w ND
860	KTRB	Modesto, CA	1kw DA-2		KREO	Indio, CA	250w ND
920	WJAR	Providence, RI	5kw DA-N		WGIL	Galesburg, IL	250w ND
930	KAGI	Grants Pass, OR	1kw DA-N		WABY	Albany, NY	250w ND
970	KIAK	Fairbanks, AK	5kw ND		WICK	Scranton, PA	250w ND
	WFLA	Tampa, FL	5kw DA-N	1440	KPRO	Riverside, CA	1kw ND
	WANW	Waynesboro, VA	1kw DA-2		WAAB	Worcester, MA	5kw DA-2
980	WTLK	Wilkes-Barre, PA	1kw DA-N		WNFL	Green Bay, WI	500w DA-2
1060	WRMF	Titusville, FL	5kw DA-2	1450	KPSI	Palm Springs, CA	250w ND
1070	WIBC	Indianapolis, IN	10kw DA-2		KVEN	Ventura, CA	250w DA-D
	WINA	Charlottesville, VA	5kw DA-N	1460	WCMB	Harrisburg, PA	5kw DA-N
1090	WBAL	Baltimore, MD	50kw DA-N	1470	WWHO	Toledo, OH	1kw DA-2
1130	WCAR	Detroit, MI	10kw DA-2	1480	KBEA	Kansas City, MO	500w DA-2
	WISN	Milwaukee, WI	10kw DA-2	1490	WETO	DeLand, FL	250w ND
1150	KPLS	Santa Rosa, CA	500w DA-2		WKBV	Richmond, IN	250w ND
	WJBO	Baton Rouge, LA	5kw DA-1		WLOX	Biloxi, MS	250w ND
1160	KSL	Salt Lake City, UT	50kw ND		WBEX	Chillicothe, OH	250w ND
1230	WERI	Westerly, RI	250w ND		KVAC	Forks, WA	250w ND
	WHBY	Appleton, WI	250w ND		KENE	Toppenish, WA	250w ND
1240	KEVA	Evanston, WY	250w ND	1500	KXRX	San Jose, CA	5kw DA-2
1280	KFOX	Long Beach, CA	1kw ND	1510	WRAN	Dover, NJ	500w DA-2
	WGSO	New Orleans, LA	5kw DA-1	1590	KRAD	E. Grand Forks, MN	1kw DA-N
1310	WTIK	Durham, NC	1kw DA-2				
1340	KDEN	Denver, CO	250w ND				

Herb Jepko Nite-Cap Stations by State
 as compiled by Greg Neumann

Ant.	Call	Location	Power	Freq. (kHz or mHz)
-	WOOF-FM	Dothan, Alabama	100kw	99.7
ND	KIAK	Fairbanks, Alaska	5kw	970
DA-N	KTAR	Phoenix, Arizona	5kw	620
ND	KTUC	Tucson, Arizona	250w	1400
ND	KREO	Indio, California	250w	1400
ND	KFOX	Long Beach, California	1kw	1280
DA-2	KTRB	Modesto, California	1kw	860
-	KHOP-FM	Modesto, California	4.7kw	104.1
DA-2	KIDD	Monterey, California	1kw	630
ND	KPSI	Palm Springs, California	250w	1450
ND	KPRO	Riverside, California	1kw	1440
DA-2	KXRX	San Jose, California	5kw	1500
DA-2	KPLS	Santa Rosa, California	500w	1150
DA-D	KVEN	Ventura, California	250w	1450
ND	KDEN	Denver, Colorado	250w	1340
ND	WNHC	New Haven, Connecticut	250w	1340
-	WSUX-FM	Seaford, Delaware	3kw	98.3
-	WAVA-FM	Washington, D.C.	50kw	105.1
ND	WETO	DeLand, Florida	250w	1490
ND	WPBR	Palm Beach, Florida	250w	1340
DA-N	WFLA	Tampa, Florida	5kw	970
DA-2	WRMF	Titusville, Florida	5kw	1060
ND	WGIL	Galesburg, Illinois	250w	1400
-	WAAG-FM	Galesburg, Illinois	50kw	94.9
-	WVPC-FM	Monmouth, Illinois	3kw	97.7

Herb Jepko Nite-Cap Stations by State
(continued)

Ant.	Call	Location	Power	Freq. (kHz or mHz)
-	WVLJ-FM	Monticello, Illinois	3kw	105.5
-	WHLT-FM	Huntington, Indiana	3kw	103.1
DA-2	WIBC	Indianapolis, Indiana	10kw	1070
-	WKKI-FM	Kokomo, Indiana	20kw	100.5
ND	WKBV	Richmond, Indiana	250w	1490
DA-N	KSCJ	Sioux City, Iowa	5kw	1360
DA-2	WVLK	Lexington, Kentucky	1kw	590
ND	WHAS	Louisville, Kentucky	50kw	840
DA-1	WJBO	Baton Rouge, Louisiana	5kw	1150
DA-1	WGSO	New Orleans, Louisiana	5kw	1280
DA-N	WBAL	Baltimore, Maryland	50kw	1090
-	WHDG-FM	Havre de Grace, Maryland	17.5kw	103.7
DA-2	WAAB	Worcester, Massachusetts	5kw	1440
DA-2	WCAR	Detroit, Michigan	10kw	1130
DA-N	KRAD	East Grand Forks, Minnesota	1kw	1590
ND	WLOX	Biloxi, Mississippi	250w	1490
DA-2	KBEA	Kansas City, MO (lic. Mission, KS)	500w	1480
DA-2	WRAN	Dover, New Jersey	500w	1510
DA-2	WHWH	Princeton, New Jersey	5kw	1350
ND	WABY	Albany, New York	250w	1400
ND	WMBO	Auburn, New York	250w	1340
ND	WALL	Middletown, New York	250w	1340
-	WALL-FM	Middletown, New York	3kw	92.7
-	WVOR-FM	Rochester, New York	50kw	100.5
DA-2	WTIK	Durham, North Carolina	1kw	1310
DA-2	WSJS	Winston-Salem, North Carolina	5kw	600
-	WMVR-FM	Sidney, Ohio	3kw	105.5
DA-2	WOHO	Toledo, Ohio	1kw	1470
ND	WBEX	Chillicothe, Ohio	250w	1490
-	WBEX-FM	Chillicothe, Ohio	18.5kw	93.3
DA-N	KAGI	Grants Pass, Oregon	1kw	930
-	KFMT-FM	La Grande, Oregon	1.45kw	98.3
DA-N	WCMB	Harrisburg, Pennsylvania	5kw	1460
ND	WICK	Scranton, Pennsylvania	250w	1400
DA-N	WILK	Wilkes-Barre, Pennsylvania	1kw	980
DA-N	WJAR	Providence, Rhode Island	5kw	920
ND	WERI	Westerly, Rhode Island	250w	1230
-	WAEW-FM	Crossville, Tennessee	3kw	99.3
-	WOWE-FM	Chattanooga, Tennessee	---	----
ND	KSL	Salt Lake City, Utah	50kw	1160
DA-2	WVMT	Burlington, Vermont	5kw	620
DA-N	WINA	Charlottesville, Virginia	5kw	1070
-	WGAT-FM	Gate City, Virginia	1kw	104.9
DA-2	WANV	Waynesboro, Virginia	1kw	970
ND	KVAC	Forks, Washington	250w	1490
DA-N	KIRO	Seattle, Washington	50kw	710
ND	KENE	Toppenish, Washington	250w	1490
ND	WHBY	Appleton, Wisconsin	250w	1230
DA-2	WNFL	Green Bay, Wisconsin	500w	1440
-	WAUN-FM	Kewaunee, Wisconsin	3kw	92.7
DA-2	WISN	Milwaukee, Wisconsin	10kw	1130
ND	KEVA	Evanston, Wyoming	250w	1240

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musings of the members

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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.

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

Hello again. Having two days off from school 11/13-14 I went over old DX tapes & put all the IDs on a Master Tape, also sent a buncha f/ups. I got through March to July. 11/14 @ 5:35 I got WJAB -1550, my first SSS catch in 1973, but heard by mistake (always the way, hi) in Bergenfield, /good signal w/ X but soon faded on R-5. WKCY-1300 also loud 4:37 but faded to WFBR. WICK-1400 for second time that day @ 4:54. 11/15- WLLH-1400, counts as one station, right? (Right, I guess - ERC) they were in 1-2am w/rr. I called, of course they were shocked. I also talked to a guy who used to work at the famous JFTN. I don't know how great CX are not being a TA-shooter & not around in '63, but this morning was something else! First noted was DAF-610 giving WX for Kansas City 1:58 & "Spirit of K.C." promo into rr. WIP faded back in & mostly over to 2:17 when lost, I believe WIOD was in there too. When WJAN-550 w/parallel to 590 & 600, good. WHN off, WHO in well, hooray for Icy Hot, since the station sells it, they give address, & I tape it. I got a good WHO ID, & same w/KGLC a while back. 950 had WJEN as usual w/ABC's Perspective. Then, 960. I had heard WELI, CHNS, CKWS here, one of last two dominant. Well, first 2:42, CK'S Sports w/rr in back. 2:46, WWST IDed on ET, new. 2:50 Tter, maybe WWST. Every time I turned the RX down to listen to tape, a new song would be on ten seconds later, 2:55 "One Day at a Time". At 3 I heard ID weak, didn't have tape on - they had CBS NX, I put tape on & the C/ ID, complete w/lam TC, CFAC in Calgary, what a shocker! I'm happy though, a new province. Gotta get it veried, boo the postal strike! While taping them the CBSer went into rr, then IDed as WEAV, the unk. 3:16 gave a nice phonetic ID. I'm hearing things I never thought of - KFI, where are you? No WVOG-TEST. I got a nice null on KB but nothing u/it. (Is that WKBW? -ERC) Back to 960 to see what else I could hear & found out soon as a Sutatenza ID rolling in, still in @ 4:16. They kept saying "Buenas Dias" & ringing a doorbell every two minutes. 73.

JIM GUTHRIE - 20 Trent Lane - Smithtown, New York - 11787

This is my first Muse in NRC. I've been BOB DXing since 1958 (at the tender age of 10) & got hooked on radio then. My main interest is in some of the strange & wonderful program formats found across the band, plus commercial networking. I spent the last few years working at WPHB-1260, WJPA-1340, & am now with WNYG-1440 (ex-WJAB). With most recent move back to N.Y. (I grew up here) I decided to explore the band using Hallicrafters 110 & an LW thrown out the window. I found old habits tough to break - WRSC-1390 2:30pm on top of WEOK, w/no WRIV ANYWHERE until 2:45 11/19. Ontward SSS I picked up others once thought pests while living in State College, including WJUN-1150 @ 3:30pm o/WONX; & WKOK-1070 @ 3:55pm. I also enjoyed WIOC WSPW CHRS CJTK & lots of Conn., R.I., Mass. before 4:30pm. As this is written, ECB sounds like some banana republic across the board, so listening to network programs on SW AFPS feed. Any NRCer type collect network program skeds? I will trade old & new copies. 73. (Welcome to the NRC, Jim - We hope you'll Muse often. When does WNYG have its r/c, or other tests? -ERC)

ALBERT S. LOBEL - 247 North First Street - Apr. 27 C El Cajon, Cal. 92021

My opinion on the subject of IRCA & NRC mergins has already been expressed in DX Monitor so I decided to get them in DX NEWS. I am against any such merger. The existence of two clubs is much better than just one. I am a member of both IRCA & NRC & feel that both clubs are excellent. It has been said that NRC because of its magazine format bulletin & its varied publications is a better club - Bull! IRCA is just as

(Lobel)

good & has some very good publications, the IRCA Foreign Log is just one example! As for the magazine format vs. the loose-leaf format, I don't see that makes a hill of beans; it's what's inside that makes the big difference. There are some very good items in both DX Monitor & DX NEWS. I wish both clubs the best of luck in the future & may both grow to many times their present size!

TONY LAGATTUTA - Box 6291 - Portsmouth, Virginia - 23703

11/14- WCKY-1530 & WKBW-1529 strong as late as 10am, in bright daylight. Unk faint signal on 710 u/semi-local WOR at times during daytime, possibly the elusive WEGG, but not WQBX. 11/17- WMAQ-670 clear as late as 9am. 11/18- WLSC-1570 fair @ 6:43am. WRCP-1540 clear @ 6:52. Unk behind WITN-930 @ 11am which I assume is WTHD, but I could not get a clear ID. WEMD-1460 @ 12:29pm fair to good. Unk u/WJDY-1470 @ 12:30pm I assume WPNC, but I did not get ID. WPNC has never been IDed in Norfolk area, but it is not that far away. WOBR-1530 fair daytime signal, & others on 11/18 are from home location about 1 1/2 miles from downtown Norfolk. Finally, the privilege has been mine to hear a pirate station, & it was WGC on 1610a on which channel I listened for the better part of three hours but never got a positive ID or location & same was given at midnight s/off. Format consisted of apparent Negro-type spiritual mx mostly. They were heard again on 11/20 w/better signal & had on preaching. On 11/18 twice I heard an ID on 1610a "WHUT - best sound around" & could this be another pirate, & not WGC? Any help? Pirates have been a special fascination to me. 11/19- WWWE-1100 strong @ 8:27am. KMOX-1120 strong @ 8:29. WGC-1610a mentioned GM 101/1 @ 10:53pm, & AM frequency as 1600. 11/20- WPRO-630 good signal w/set sitting on the floor. WIAM-900 u/semi-local WJWL @ 1pm w/positive ID, finally. WSL-610 @ 1:30pm w/WIP nulled. WAMD-970 good @ 1:30pm, not new, but good for near downtown Norfolk. R. Paradise-1265 "50,000w gospel voice of the W. Indies" very strong w/deep fades 8:05-9:45pm. WGC again strong @ 10:29 but no definite ID yet. Somewhere they are a local & I wish I were there. It is very reminiscent of WNYR-1160 back around 1958. Unk SS split on 725a @ 10:25pm. Unk beacon "NB" in code 530a & unk beacon MDN in code on 1690a both about 10:30-10:45pm. WBSC-1550 @ 10:56 w/CBE nulled. 11/21- A special treat this AM - I visited the XR of future WZAM-1110 near James River Bridge in Norfolk. They have a four-tower array & will have a null to protect WBT, & another in a N direction. Format unk yet & expect to go on in Feb. or Mar. WZAM-1110 will be 50kwD & is affiliated w/WMYK-FM in Moyock, N.C. At the site I had the pleasure of hearing CKOT-1510 good @ 8:20am & WKEG-1110 @ 8:34. Have a good week!

BILL COLEMAN Jr. - 114 Circle Drive - Rocky Mount, North Carolina- 27801

DX heard on 11/24: 12:59, WKIX-850, on w/mx & ET ID. 2:37, WKMF-1470 good signal. 2:45, WPDQ-1460 in w/good signal, & soul mx. 3:13, WNMT-1520 on for TEST w/good signal, & WKBW off! A check @ 3:45, WNMT still going w/TEST, but I noticed a strong signal on 1530 w/mx, so found out WTTI-1530 was on w/top mx & ET. KCKM-740 in good & @ 4am I heard an unID SA s/on, but seemed like it was more of a split station w/a bad hetrodyne behind it, sounds like FVI, any ideas on this, anyone? WBCG is still heard powering here every night, I won't believe it's a carrier-current until I inspect the operation - it's on 1606k w/a gospel format, amen! Some of the regular dominant nighttime stations usually heard best around 8pm in Rocky Mount: CBK-540, WSWA-550 (w/low het) WIS-560, WWNC-570, WCHS-580, CMW o/WGNT-590, CMKV w/WSJS (low het mixed)-600, WAYS/WSLC-610, WDNQ/WSUN-620, CMHQ on top of WMAL-630, CMQ/WHLO (& low het). After WHLO s/off KFI mixes w/CMQ - & NO het! WSM-650, WNBC-660, WMAQ-670, WPTF/WKOK-680. I will continue dominant listing soon. Equipment here at WDX4DNC are Hammarlund Super-Pro (military #BC1004), Realistic DX160, Allied SX190, & various LW, dipole antenna. I'm also into SW, FM, TV, & PSB DXing. For new members, age here is 31, & DXer, CBER, & ham since 1958, meaning 100% radio phreak! I have new WDX4DNC v/qs & local WCEC-810 bumper stickers for trade. Phone calls/prepaid welcome to 919-443-3116, best time 12-3am. Correspondence also welcome. 73s & 88s.

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

To the #2 issue of DX NEWS. 566, sorry to drop down the dreams of Connelly but I sure 100% Ireland it is not on the air at 2850 EST. On this channel AN is Sender-Fries Berlin, West Berlin - try it. 818, the station I suppose to be the Polish only for the good reason they have biggest power except RAI-Trieste-818 - please to Connelly, send to me your tape - I will solve the remaining doubts! OK? 935, 10/7 the unID signal may be Morocco but I wish precise it may be also AFN Europe Berlin or better the Super Supersuper Power Russian Lvov. It must be more than 300kw reported & often carry F.S. to Europe! At 7pm EST onwards hours, 1106 I assure to Alan he is all right about this channel. AFN Europe is all the time in EE! And by the way the Russian on 1106, Vilnius, has often chanting - so---. 1223, well here the Bulgarian stops often the channel because it is over all days till 9pm EST! So it is incorrect to say they are AN. So Bob Foxworth I think 99% it was really Bulgaria! Try again. I suppose for this time it insufficient & I pass to talk about my loggings. 10/1-5 was very favorable to the N.Y. area & N.E. coast stations, New here was CHRM-1290 Matane in FF w/good audio & in clear. Also CFGO-1440, WOR-710, CHER-950, WEZE-1260 was present at last. I had an EE unID on 1340 mentioning Canada CBC, so probably CJLS. Nothing of good in the days after that period except the 10/10 the China PBS-1310 very clear & strong @ 7pm EST. 10/16 offered to me to catch the Voice of Peace on 1540 @ 6pm-7 EST. They work 24 hours Fridays only! They usually close down @ 6pm EST. 10:20-30 has been a very good period. The following have been noted almost daily here: WCAU, WHN, WNEW, WINS, WOWO, WHAM, CHNS, CHER, CJON & R. France R.3 St. Pierre & Miquelon. New has been: 10/21- CHTN-1190 Vhatlo tetown (they have NX/WS every 15 minutes & MoR mx), ZYH-265 continental, Porto Alegre-1120; HJFT-1025 "Ecos del Combelma", a free channel after 7:30pm EST in Europe. 10/22 offered HJ-- "R Super de Cali" (new station on the same network of R. Super Bogota) on 1200.

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

As of 11/14 I am an AM addict for five years. As a personal profile, I am 22, single, & have racked up a total of 723 stations heard. I am employed, more or less, as a freelance magazine illustrator. I'm still looking for a real job as an artist/graphic designer w/a boss & everything, hi. Working for yourself is nice though, except no money. Yesterday (11/15) I experimented w/the old RCA Victor model 8R71 which is a tube type AM/FM radio, 40s vintage. I hooked the SM-2 on it. I had problems though in that the ground screw was "frozen" tight w/age & that it probably was never loosened since new, so I just wound some wire around it. I found the old RX could null better than my Zenith T-O. However selectivity on the high end of the band is poor. I could easily null out WARD-1540 & pull WPTN through in the mid-afternoon. Those who are familiar w/this model will easily recognize it on the TV show "Sanford & Son", as a model is included w/all the other junk in the house. Now, my DX. 11/9- AU CX, most stations out. 6pm, ZNS-1540 the only one on the channel. All DX, by the way, is done on the ZTO this week. 11/10- 12:55 am, WHAT-1340 Pa. w/tele-talk. 1:30- WBPZ-1230 Pa. w/"The AN Show". (Yowie, what a tremendous title! -ERC) 1:34, WAGL-1560 S.C. in super-strong for TEST. I failed to pick up WSNW, WEAG & WLYC TESTS, although TTs were heard on 1470 & 1050 at test times. 11/14- 5pm, WPNC-1470 N.C. "Mx Radio" w/s/off. 5:15, WSLW-1310 W. Va. s/off. 5:44 WEYY-1580 Ala. weak w/s/off. 11/15- Tentative W. Germany w/strong signal on 1586 w/EL vocals & talk at 2am. 5pm, WKLV-1440 W. Va. 11/16, @ 2:09am, WTRX-1330 Mich. in/out w/rr. 2:28, CX---1180, a new R. Reloj outlet here, good level, full network ID given @ 3am as @a Habana. This must be Harry Helms' unID ticker of 10:26 in IDX. CMCI-760 Cuba in well @ 3:05 w/WJR nulled, the big ticker, hi, w/R. Reloj IDs. 73.

DAN R. BARTEK Jr. - 4 Hanford Way - Fairport, New York - 14450

Hello there everyone! I did some CCB DX back in 1969 & QSLed 15 stations: WCBS WOWO WSM WBAL WWVA & WSM-650, clear channel. This station aired c/w back in 1926! 50 years ago! Jimmy Thompson, Dr. H. Bates, the Carter Family, the home of the Grandole Opry. I hope my SM-2 sets here soon! 73s to all. (Please DOUBLE SPACE, DAN! -ERC)

DAVID E. FOX - 333 Douglas Street - Reading, Pennsylvania - 19601

DX for November: DX TESTS of KNUJ, WSNW, WAGL, WEAG, WEXY & WNMT were all logged & reported. Some other catches were: 11/3- WADE-1210 from 7:10-7:35am w/nearby giant WCAU amazingly nulled. 11/8- WFIG-1290 6-6:15am w/quick s/on, NX, WX, & Community Calendar. Later on at 5:15pm WEYE-1290 was noted w/crazy s/off & no SSB. At 5:20-5:32 WATO-1290 was in well w/FB scores & many Oak Ridge spots. 11/11- WMYR-1410 in well o/WPOP/KQV w/rr & Jimmy Michaels as the DJ from 6:02-6:22pm. Earlier on 11/11 from 5:52 to 5:59, WUNI-1410 w/c/w & plug for H.S. FB game. 11/13- WAGE-1290 heard for first time (how did I ever miss this one before?) from 4:36-4:59pm w/contemporary mx & many Leesburg area spots. 11/15- CKCB-1400 was in w/ID, NX, WX & NA @ s/off, 12-12:05am. 11/16- WGAC in fair on 580 w/"Interstate 58" c/w show. At 4am, an ID popped up for "News Radio 13" as WRBC-1300 was logged for the first time. Too bad they didn't stay long enough for a report. 11/17- 2:50-3am CFCN heard for first time, rr, & talk about Grey Cup week. They s/off @ 3 for XR maintenance. Are they NSP or not? 3:01-3:05, KMAM-1530 was heard w/a short ET. 11/20- 5:55-15pm WWHY-1470 noted w/NX, WX, & many Huntington area spots. 11/22- Luckily I caught PoP of WADD-1560 from 3:12-3:25 am. 11/23- WGBF-1280 as the "River City Rocker" blasted in 4:42-5:42PM. 11/25- 7:10-7:12 I heard traces of WTBO-1450 for first time w/WX from "WTBO WX Central". 4:59-5 during s/off I noted WARR-1520, no SSB. 5-5:15pm, WTGR-1520 was heard very well w/rr & many Myrtle Beach spots, no SSB @ s/off. 11/26- 4:59-5:26pm resulted in WKMG-1520 o/most everything in WKBW null. Also ID at end of NX of WIDD-1520 @ 5:20 & quick s/off, no SSB. On 11/26 & 11/28 I heard traces of WDEF-1420 s/off @ 12:07. This could be a good shot for EC DXers who can null WHK-1420 on AU evenings. Semi-local WCOJ-1420 s/off @ 12. 11/28, WEWO-1080 floating u/WTIC very well 3:50-4:20pm. Veries: WOKY-920 WMIR-1550 WNVA-1350 WMTR-1250 WOKI-1550 WADE-1210 WCCR-1580 WATO-1290 WAGE-1290 WSNW-1150 WSID-1010 WKYB-1000 WCPC-940 KMAM-1530 WEAG-1470 WADD-1560 & WINN-1240. Good DX.

CHARLES A. WOLFF - 4911 Proctor Road - Castro Valley, Calif. - 94546
Greetings! Once again, not much new DX to report, but a few thoughts to kick around. I thought my antenna plans were going to be in #6, but I guess the Worcester RX took preference. Hopefully, they will have appeared before this Musing does. On 11/20, local TV Ch. 2 carried a two-hour special "Talk to the FCC." Featured were FCC Chairman Wylie & several local FCC officials. The public could phone in their questions, which the commissioners would try to answer on the air. Perhaps the Louisville group could do a lot of letter writing to the FCC & local TV stations & get something like this set up for next Labor Day? With the Chairman making a special appearance at the Convention? It could make for a very interesting meeting. Re the merger: No Way. Re antennas: I've noticed that some of the antennas which do the best job of nulling the higher frequencies are those which won't tune all the way down to 540. For those who have the room & the desire, what about having two separate antennas, which could be quickly interchanged w/a jack & plug setup on the coax? Seems to me some of the smallest antennas, which often won't tune below 850 or 900 or so, really tear things up on the top of the band - better nulls, sharper tuning, etc. I hope all have a nice Christmas this year; don't forget what it's all about. 73.

TONY LAGATTUTA - Box 6291 - Portsmouth, Virginia - 23703

I hope this finds all in best of health. I really enjoyed the technical data in DX NEWS of 11/17 on the new Worcester RX. I would love to see one perform & meet its inventor. 11/24- WINX-1600 atop @ 7:12pm. XEG-1050 atop @ 9:30. WDEF-1370 atop @ 9:55. WWDC-1260 atop @ 10:02. WCAE-1250 atop @ 10:35pm. 11/25- WOKJ-1550 atop @ 6pm. WQOK-1440 atop @ 6:30. WKSX-1420 clear @ 6:35pm & atop for quite some time. WDXR-1560 atop @ 10:32pm w/WQXR nulled. WHGC-1610a weak to fair w/preaching @ 10:38pm. This Charlottesville Va. carrier-current, according to fellow NRCers, comes in here weak to fair w/fading, just about nightly. It was formerly WGC but changed to WHGC. Best wishes until next, in 7. AS THEY SAY IN DENVER, KOL.: "KTLK". COME TO LOUISVILLE CONVENTION.

RON B. SCHILLER - 1951 N.E. 28th Court - Lighthouse Point, Fla. - 33064
Veries in from WJLS-560, a green & white v/q; Dominica -1150 v/l in FF; Caribbean Lighthouse-1165 v/f; & a v/l from WDAF-610. 11/17- 4VAA-895 fair @ 8pm, 4VMN-910 topping 8:37-8:53, some FF, some SS! 11/19- Unn WHK battling WBSM @ 4; on 910 NIS station probably unn WRNL. 11/22- WHLW-1170 again in before dusk @ 4:30pm. 11/24, TEST from WNMT-1520 in w/fairly good signals w/the Colombian for company, 2:57 on. Dave's "Onze Coo" all but clear on 1140, only QRM from Cuban jammer on 1142, 3:40-4. YVQJ-1080 "R. Barcelona" ID noted @ 4:05. Second Puerto Rican of the morning & #31 overall, WVOZ-1400, Carolina, w/"R. Voz" IDs u/local NSP WFTL/WSGA & later new WJHO QRM 4:08-4:34, second P.R. grave-yarder. Unn WAGL-1560 atop @ 5:05pm & ERC's HI-- "R. Popular-920" booming in @ 5:30. 11/26- Positive ID on the 908 Todelar Colombian as "Emisoras Fuentes" HJAE, down from 920, where I verified 'em some months back. Sounds like 100kw! This, 5:50-6am. Unn but real surprise to hear an old "neighbor" who never seemed to "get out" well, WTTM-920, Trenton, N.J. s/on 6:02 atop all. Reverse Aurora that AM produced booming signals from unn WGY, WDEL (good bet for Del. for those who need that state), CKLW & WIVK. 11/27, evening IAs unusually good. 535's audio readable for a change from Grenada. 11/28, KTOK-1000 squeezing between HJAQ et al @ 3. Bob Selleck: I think your 920 unID in 11/17 issue is the new HI--, Radio Popular. ERC: 980 unID YV is likely YVTB who s/on @ 4. 73. (Thanks, Ron!) Count my vote as 100% AGAINST the proposed merger!

DAVID GLEASON - Once-Q - Box 101 - Guaynabo, Puerto Rico - 00657

Hola. Since WQII has now received two reception reports from the NRC, I thought a Musing was in order. Ernie Cooper was the first to hear Once-Q, followed by Kermit Geary. Both sent very fine reports. WQII is on the air 24 hours a day, seven days a week on 1140 w/10,000w. DA-1. The format is modified Top 40, with most music and all announcing in SS. Bevaue of the organized nature of the format mechanics, I can definitely verify reports based only on when the announcer talked, when there was music, ads or NX, etc. Give it a try. We will also be sending cecals with the veries, & I'll send a T-shirt to the first report from W of the Mississippi. The Once-Q name means Eleven-Q in SS. Local WRAI dumped its AN show, leaving WKAQ, WBMJ, WUNO & WVOZ. WKVM-810 is preparing to go to 50kw, & s/off @ 11pm AST in order to do antenna & phasor work. Finally, I do not favor an IRCA-NRC merger. The problems & potential conflicts do not seem worth a potential gain of a handful of members. 73. (Ron, above, felt the same way in stronger words! -ERC)

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

On a recent visit to my siter's in Rantoul, Ill. I had the pleasure of meeting NRC member John Hathaway of Champaign. I also had the pleasure of discovering that he had two super radios for sale. So the next week Wayne Murphy & I went to Champaign & picked up an SP-600 for myself & an HQ-180 for Dick Gruax. Both of these are in mint condition. My brother-in-law has a 150 acre farm in Rantoul & he is going to let us set up a beverage antenna there next year. So unless things change here it'll be a 4 1/2 hour drive from the Convention site to the beverage site (hi). Now to new DX, all but the first listing are on the newly acquired SP-600: 11/6- KQYX-1560 s/off 6:15. 11/17- WLLS-1600 w/a good signal u/WSTL at noon, on other RX I could not null out WSTL a bit. KEYX-850 great signal @ 6:25pm. R. Popular, D.R. dominating 920 @ 9:35. Anyone have call letters for this? 11/18- WLUX-1550 6:15pm. 11/21- Antigua -1165 6:30pm. 11/22- WJLE-1480 s/off 5:32, WRMB-1500 5:45pm. WGUL-1500 5:46, heard w/"At this time WGUL in New Port Richey" THEN FADED INTO OB* livion. WISZ-1590 tearing up super-pest WAKR @ 5:58pm, HJHN-960 R. Suta-tenza on top @ 7:30pm. This night 11/22 was a super night for HJs. I heard many unID SSBs but TVI took over before I could ID them. Frequencies were 650, 670, 700, 850, 860, 910 & 1000 (not R. Mil). Most were presumed to be Colombians. 73. AS THEY SAY SOME PLACE IN CUBA, "CMDL." "CROSS the MASON-DIXON LINE" and "COME MEANDER DOWN to LOUISVILLE." Next Labor Day weekend! Plans are already well under way, so a great time is assured! Be part of it!

BRUCE BOOMER - 103 Norma Avenue - Nutter Fort, West Virginia - 26301
 Greetings. First I must apologize for reporting foreign DX in GMT in my last Muse - I goofed - sorry! Recently I got ambitious & put up a 300' LW & the results have been fabulous. The bottom end of the band has really come to life & its NW/SE bearing has been most useful for Caribbean stations. CX in mid-November have been fantastic for the S w/sd much coming in that I can only report here on some high points. 11/17- Nice-1554, the only TA noted then, w/phone-ins & a wide variety of mx, 9:45-10:25pm. 11/21 & 22 - Caribbean Radio Lighthouse was in around 8pm on 1165. WVVVA let up a little from its usual blasting signal & the splatter wasn't bad. Address given on a request show was Box 383 St. Johns - different from that on ERC's verie from them. 11/22- ZBVI-780, B.V.I. w/soul mx @ 9:55pm, but soon gone. They were heard several times the next few days but never enough to report. Much-wanted Anguilla-1505 was in weakly & fighting an unID SS around 9:20pm on 11/24-25. I got enough for a report but had to listen a lot to the tape to dig enough details out, hi. Grenada-535 also made it both 11/24 & 11/25 around 9:10pm. Montserrat-885, Barbados-900, ZNS-1540 & others were giving local-like signals at times those days. I got enough details on Dominica-595 from under the WMBS splatter to finally send a report. Other stuff: 11/25-Martinique-1310 was in for a couple minutes @ 6:47pm. IDed by checking SW // of 3315k, country #40. WACA-1590 Camden, S.C. s/off 5:15pm, WLSG-1570 Loris, S.C. s/off 5:16. WJNJ-1600 Atlantic Beach Fla. 5:27 to s/off @ 5:31. WASC-1530 Spartanburg, S.C. s/off @ 5:30. WENG-1530 Englewood, Fla. s/off 5:30. "La Emisora Popular de la Barranquilla" (HJLQ?) on 1520 w/ID @ 6pm. R. Principe, Barranquilla, on 1580 w/ID @ 6:01pm. 73s.

BILL FAIT - Box 753 - Willoughby, Ohio - 44094

DX had been rather slow here. Since I've started working s/on at WELW, I've been getting to sleep early, & there goes most of the prime DX time. My only recent foreign catch was Bahamas-1540 @ 6:55pm on 11/9. Yesterday afternoon, 11/25, NRCer John Sally stopped over for a few hours, & we had a fantastic time comparing our DX & QSLs & RXes. I do all my DXing with a DX-160 & SM-2, while John DXes w/the Realistic Model "Long Range TRF" FET RF amplified portable (cat. #12-655). I was surprised to find his \$30 portable performing about equal w/my DX-160 & SM-2; with my RX on the LW, John's outperformed mine all up & down the band. However, with me using the SM-2, daytime DX was the same for both of us. WMAQ-670, WGN-720, & WLS-890 were all in nice @ 2pm, & WCFL-1000 was audible w/WSUM. WBZ-1030 & WSM-650 were barely audible @ 3. The best catches we both had were WBZY-1140 @ 2:15, WISR in CFTR null @ 2:50 on 680, & CJRN-710 @ 3pm in CHYR null. Also heard b' me was one John couldn't hear on his RX, WOBL-1570 in CHLO's null. Finally, we listened with John's receiver on 710 & mine on 730 @ SSS to hear the "Cheer Radio" pattern & frequency change. John Sally & I would like very much to get in touch with other Cleveland-area NRCers & maybe set up a little BCB monitoring group to share DX Tips by phone. John may be reached at 216-585-1712 & I'm at 216-731-4419. 73.

BILL ANDRES - 101-25 115th Street - Richmond Hill, New York - 11419

I'm glad to see Javetski got the renewal message on the #6 DX NEWS front. Keep up the good work, John, & good luck w/your research on a loop that's able to null out the train noise on the Hell Gate Bridge. 11/10- Beautiful WAGL TEST, thanks, Neil Zank. The WSNW TEST ID @ 1:18, too. Later that morning, all alone, WWSW-680 w/WX & SID and back to mx @ 6:15, I guess on 500w. WRKO covered @ 6:30. MM 11/34- XEDF-970 R. Tres, good signal w/WWSW & others, XEDF w/"whoop whoop" & ID for a whole bunch of other Radios @ 1:18. Newie here, thanks, ERC for tip. Loud ET/TT way o/WTIC-1080 2:12-2:45, faded out, who? One other unID ET, a lk TT on 1580 4:30-4:57 then off. CBJ s/on @ 4:59 indicates it might have been they, but noise & fading on 11/24 was really severe, & couldn't continue carrying the signal through it. Anyone have a suggestion for a vertical LW that's more economical than the helium route? Has anyone tried the balloons and reel of wire? 73.

ERNIE J. WESOLOWSKI - 1416 Pasadena Avenue - Omaha, Nebraska - 68107

Being Thanksgiving Day, it's time to send my best wishes to all for a Merry Christmas & GOOD DX during the Bi-Centennial Year. November was good again this year. 11/9- I found the signal of KEND-1590, Lubbock, Tex. running AN w/NIS. 11/10- KBCQ-1020 for s/off @ 1:43, still using 10kw at night. 11/15- WILY-1210 11l. for s/off @ 5:45 pm. 11/16- Strong Aurora, brought a 100% signal from KRSP-1060 Salt Lake City from 7:05 to 7:14pm s/off, no sign of KYW. 11/17- WEXY-1520-TEST heard only 10%. 11/22- KIRT-1580, Mission, Tex. s/off-SSB @ 6:47, readability at 90%. 11/23- WKUN-1580 Monroe, Ga. s/on @ 7am about 50% readable. 11/24- KSIR-1470 Colo. TEST heard at end from 2:30-2:35 only 10% w/different TTs. WNMT-1520-TEST heard 95%. KYME-740-TEST heard 75%. A surprise on 1440 brought WHYY in Ala. running AN-rr. I haven't heard him since 1958. 11/26- KIKC-1250, Forsyth, Mont., new station, testing w/TT & OC 2-2:15am s/off, maybe an f/c? 95% o/u WREN, 5kw D-1. Then WITZ-990 Jasper, Ind. s/on @ 7:29 $\frac{1}{2}$ into local NX, 75%. My four day DX trip to Mo. & Ark. was canceled - too much snow! Nov. v/l's: KWSL-1470 KPBA-1590 KAWW-1270 WGN5-1450 KBCQ-1020 WRBL-1420 WLFA-1590 WJDY-1470 KRME-1460 WHBN-1420 WBBR-1580; v/f WGRY-1590 & v/q, XETRA-690, mailed from California.

PAUL SWEARINGEN - Route 1 - LaHarpe, Kansas - 66751

As a first Muse, the following is likely to be unhelpful to most DXers & amusing to all. I am 30, single, a former DJ & NX announcer (last at KUDL in 10/73) & also former newspaper editor, employment counselor, cemetery lot salesman, political campaign press aide, booking agency, & much etc. I am currently teaching English, Spanish, & Journalism at a nearby high school & supplementing that income by freelance writing & photography. I am also Allen County Bicentennial Chairman, a 4-H Club community leader & county photography leader & got roped into trying to form a local Jaycee chapter. The above will explain why I (a) don't get much time to DX; (b) am single, & (c), don't sleep much. My equipment leaves something to be desired: an ancient Hallcrafters S-120 w/the air conditioning duct system as antenna. Nevertheless, I try harder & can report such Thanksgiving week catches as the following: WERC-960 Ala. @ 2am 11/28 w/ID & NX. 11/27- WGY-810 o/u KCMO @ 12:45-2am w/mood mx; XEDM-1580 Hermosillo, Son. w/many commercials, soccer game at 12:25pm & such regulars as XERFM-660 (Mexico City, not Cali, Colombia, as reported by Bruce Boomer in 11/24 IDXD - IDs as "R. Uno, Canal de Juventud" w/ Moog theme), XETRA-690, CJBC-860 (u/XOAM), WCFL-1000, WBZ-1030 like a local most of the evening, & a very tentative KXLF-1370 Mont. Who else would be likely to give a temperature of plus-8 in MST? A question or two: Who might the SS u/Habana-640 be? So far I have only heard soccer games the past few nights. And where to the code beacons SBT, 1608a & MDE, 1650a, originate from? Current totals: 428 heard, 38 states, five provinces. It may be better when I get around to getting some decent equipment. 73s. (Welcome, Paul, to NRC & Musings, and we hope you will become a regular in these pages! -ERC)

DAVE SCHMIDT - 42 Chelwynne Road - Castle Hills - New Castle, Del. 19720

Another for the fold! DX: 11/19- WGBF-1280 w/rr 5:36-5:45 pm "River City Rock"; gone at pattern switch. 11/20- WMBT-1530 2:08-2:20 pm, copied ten commercials, one contest & two records in that period, hi. 11/22- WYAL-1280 4:57-5pm w/NX then s/off. WANS-1280 5:17-5:27pm w/sports program. Otherwise, they're rr. 11/25- My parttime employer & Ben Dangerfield's friend taken for a report, WEEZ-1590 6:58-7:13pm w/rr. They are in the clear here on 250w non-DA at night, normally 1kw you would never hear them. I understand they're looking for new call letters in upcoming ownership change. 11/26- WELS-1010 4:58-5pm, I managed to catch a spot, closing Ralph Emory program, then s/off. WMEV-1010 IDed @ 5 but faded, rats. WGUN-1010 5:12-5:29 w/c/w, then "University Almanac" & s/off. After they went off, WFGW & WBIX were both IDed but quickly gone. KLRA then took over. WINS was absent for once. Replies are slow but coming back: v/q- WLOK-730 WGBR-1280. V/l- WEAG-1470 w/CM. Where are all the Philadelphia-area members? From the Membership List, you might think we'd have another LOUISVILLE! I believe WRCP has the biggest difference between regular daytime power & PSA power, 50,000w day, 26w. PSA! They have the nerve to say it in their s/off! What some stations won't do just to get on the air, hi! 73s.

BOB FOXWORTH - GPO - Box 2111 - New York, New York - 10001

The new Worcester RX looks like it has some interesting circuitry in it. I hope it will be useful to any DXers who obtain one, & when that happens, I'd like to see a write-up on it in DX NEWS. We recently acquired an SM-2 that was non-operative & repaired it & it is working fine, though not quite as well as a big air-core loop has for me. However I don't have the room for the big loop at the moment. The SM-2 amplifier does seem a bit noisy & this is noticeable when looking for really weak DX but for general use I think it does pretty well, bringing in signals from some areas (e.g. nightly WINZ-940 after CBM s/off w/good signal which cannot be done w/either LW & giving good nulls on such as Cubans, etc.), but on the other hand I find I get better reception from Europe on one of my LWs. The moral is to use both wires & loops, as many as possible. European reception, incidentally, has been extremely poor for the entire month. It seems the geomagnetic disturbances have been almost continuous, alternating between uniformly poor CX & strongly AU CX. MM 11/17 was the best in a while w/such as CBK-540 & CBW-990 booming in w/a nice stereo tape of both, simultaneously made, each at room level. There was good opening to the NW then, w/good signals from CFRN-1260 atop, WMT-600 strong in Cuba's null (during unheard WVOG-TEST), tentatives on several other western Canadians who were all unnn here. WLYC-1050-TEST on 11/17 too, & Caaguazu-645 was in well. On government of clubs, I have always felt that the primary concern of most DXers is getting info on DX. These DXers, if we can use the term, who judge a club on the basis of who runs it, & whether they have a constitution, rather than considering how much DX info the club can offer & who purposely refuse to even read a bulletin because of their dislike of the so-called lack of democracy, make one wonder just how great is the feeling of love of DXing, & how much is the feeling of wanting to be part of a political process. Most of these "politically involved" DXers don't contribute much of value anyway, so perhaps the "un-democratic clubs" are better off without them. Even so I wonder who today can truly point to one single un-democratic radio club in NA? I don't think there are ANY. Often the complainant is just making himself look foolish, it seems. Let's be here to help each other. 73.

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

11/11- WLAM-1470 unnn strong 12:12am w/rr, SID. K.C.-Dallas FB game heard on unIDs on 1440, 1510, 1340, 1230. Who was running it? (The NFL maybe? -ERC) WQAM-560 now a superpest, heard nightly topping 560 in WFIL null w/rr, promos, etc. 11/11-16. WTLB-1310 heard for first time in RS, 2:25am w/rr. 11/14- Trying for WMYR-1410, I heard unID s/off w/ISSB @ midnight w/WPOP. Before that, I heard one w/EZ mx, may not have been the same station - my list has WMYR as Top 40, can anyone verify any of this? WMY! the only sked 12 s/off! 1410 @ 12:16, someone w/SS MoR vocals, who? WFAS-1230 may have been the one running old Paul Anka stuff @ 12:25, perhaps an ET or sked change, weak. 11/16- My RX became Tone City. 1420, lowpitch, locallike TT 2:01-2:02 out. WHK getting torn up by HJ mx 2:03, the SS about to speak as my ears & composure were bhattered by the Tter returning w/deadly high TT, breaks to 2:08. TT-1410 2:10 U/WPOP/WING, 1k TT on 1350 @ 2:11. WKLX-1350 appeared to be off. WFIL/WQAM/WHYN?/WGAN?/foreigner mess on 560. HJKL-610 assumed unnn LA there. Someone w/gospel-1160 - Radiolandia? This 2:48 & earlier. So much for a SM, Auroral, 11/16 in the hear of the NRC 1975. SSS 11/16- Only non-local noted was WFLI-1070 in well w/rr 4:58 etc. 11/20- Newie WOTT-1410 bombing in atop WPOP & others w/ID, NX, WX, rr 4:32 on. Relog 11/21 5:02, PM. Unn WPRW-1460 split frequency w/Wax-C, both rr 4:38. WNYG-1440 on too late this month, should s/off 4:30 but on to 4:45 every day! WENE-1430 heard 11/20-21, "instant pest". WZCK-1420, new, into s/off 4:42 on top 11/20. Some joker running TTs 4:43 on 1350, assorted lk & piercing high TT. 11/21- Re-log WJBQ-1440, WHK-1420 earliest ever (4:10). WBZA-1410 second log, 4:29. Newie WCTN-950 w/sports 4:35, CHNS QRM. UnID s/off on 1000 @ 4:44 w/"gospelized" SSB. Rare WBBO-1340 heard w/local ads 4:46 on top. That gremlin may have been responsible for the mess in my 11/17 Muse but more likely 'twas yours truly. WBUX-1570 obviously was not QRMED by WNTN - WBVM-1550 was. Both like a local w/uptempo MoR. By YL NX on 1390 I meant NX w/a female newscaster, not women's NX! 73s.

ELLIOTT R. STRAUS - 1410 Bond Street - Asbury Park, New Jersey - 07712

This being my first Muse I guess an introduction is in order. I am 27, single, & work for the U.S. Post Office, trying to deliver those veries through rain, sleet, & dispassionate Chief Engineers. I have been BCB DXing 1963-65 & 1972 to present with time out for the Service & some SWLing. RX here is a Collins R-390A/URR which is truly a pleasure, & a 115' LW. I'm in the process of having an altizimuth loop built. I am located about three blocks from the Atlantic Ocean. So far this season 30 TAs heard & 41 career TAs. Totals are 910/390, 42/40, 8/7 & 46/19 countries. I've been concentrating on foreign DX lately; TA, LA & CA. Of interest may be the QST "Dial-a-Prop" forecast by dialing 516-883-6223. You get a recorded propagation forecast day by day for the next week as well as other DX info & the call is cheap after 11pm. It's in Westchester, N.Y. The R-390A/URR is a gem with its direct frequency readout. I got it for \$200 & the trade-in of my SW-4A. Now all I need is a good loop to go with it. I'm glad to see all the Jersey members on the Membership List. Best TAs so far are Oran-548, Mainz-1016, Int'l. Waters-1187, Swiss-1562, Vienna-1475. Latest verie, WKIG-1580 Glennville, Ga. for an MM test period. MMs have been nothing too great lately but where there's a will there's a way. Best 73s to you all & I hope to Muse again often. Adios for now. (Welcome, Elliott, and we all hope you make good your hope! Good DX! -ERC) (Ron Schiller, now of Fla. used to DX from near you & did fabulously!)

HARRY J. HAYES - Star Route 2260 - Gouldsboro, Pennsylvania - 18424

I've noted quite a few Auroral days this month. This doesn't do much for the TA situation but some nice domestics were had because of it. 11/16- 5:30pm WEAW-1330 Ill. s/off w/WOJO-FM ID; WEAW call not heard, nor location, so not counted. 6:18, KRLD-1080 Tex., first time heard w/WTIC nulled, had MoR. 11/20- 4:46pm WRKL-910 N.Y. good s/off w/WGBI nulled. 5:15, WEIF-1370 W.Va. w/s/off. 11/22- WNRG-940, Grundy, Va. finally heard @ 4:23pm w/good signal. 5pm, WMNA-730 Va. in well w/Mutual NX & EL mx. 6pm, WLIK-1270 Ky. finally bagged w/"Instant Scoreboard" show, a nationally syndicated show, apparently on 500w. WUOK was also in on this channel from Md. & also was never heard before. AU apparently wiped out super-strong WXYZ. 11/26- WRNC-1240 N.C. in w/gospel mx all morning "Christian Radio WRNC" ID heard @ 1:10am. Then a real surprise; WENK-1240 Union City, Tenn. w/fair signal w/rr. I wonder if they go AN now as this was heard @ 1:23am? More of my GY stuff appears in DDXD. These GY's can sure yield their share of surprises if one's willing to dig these guys out - get it? "Dig these guys out?" Maybe I better shuddap while I'm ahead. CUN7.

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

Hardly a trace of a TA in the past week, but the LAs have been in every night to varying degrees. 11/23- The only US log of the week was s/off of WUST-1120 @ 4:45 on 11/23. 11/24- SS strong all evening. UnID-1025 & 1045 @ 7:30pm. Carabobo-1040 ID @ 8. UnID SS atop 970. YVKY-710 Caracas o/WOR @ 8:20pm. Another strong one on 615, rarely heard frequency here, but unID. Colombian on 908 very strong, & another HJ on 1055 @ 8:45pm. Finally another on 1015 @ 11:10pm, but again I failed to ID 'em. 11/26- 4VEC-1035 easily readable w/WBZ splash. HOJ2-1045 excellent @ 7pm. At 7:30 Dominica-595 heard for first time on that channel u/horrible WEEI hash. Carrier level was as good as St. Kitts-555, but audio very poor. 11/27- HJDP-1005 strong @ 1:20am. Then at SSS two 1580 s/off @ 5:45pm said lk, but I couldn't catch calls; either should have been new here as I have no lk stations that should s/off at that time. Dominica-595 better @ 7pm w/EE female. TIWA-575 @ 11:45pm, fair signal but unID on 605/615/625 just before 12. At 12:15am 11/28 R. Melodia-735 in Qto in quite well, & R. Uno-775 ID @ 12:30am. At 9:30pm, YSS-655 very good. 11/29- YVLH-650 R. Maracay @ 11:30pm. 11/30- HRYW-945 w/Panamericana ID @ 11:30pm & strong SS on 975, but no familiar slogan or ID noted in over half an hour so I went to bed. Four new ones in this bunch bring me to an even 3,300 heard (that's almost 100 a year average, but I wish I were doing that well recently, hi!) 73. GREAT SHOW OF MUSERS THIS WEEK, BOYS! KEEP UP THE GOODWORK! -ERC

TED FLEISCHAKER - 3023 Tremont Drive - Louisville, Kentucky - 40205

Not too much goin' on in LOUISVILLE these days, but I guess the city is saving it all up for the bit Convention next Labor Day weekend. The reception has been good to me at least, & I have been logging quite a few new stations. Totals are about 225, which isn't too terrible a showing, considering I started all over in September which seemed funny after 11 of 12 years of DXing. I have been doing a lot of QSLing also, as that is my pet project - I never was a station tape recorder like some members as I prefer the veries. I have passed 50 already since the end of Sept. with about 47 letters still out in the mail, so I am working for 75-80 by the end of the year. I had a good opening to the LAs the other evening - I logged ZNS1 (a relog) as well as 4VEH, ZDK St. Johns, Antigua, & several more new ones for me. In the U.S. (as I am mostly a domestic DXer, not much interest in TAA) I have received KIKR, Conroe, Tex. & KWRG, New Roads, La. which as a matter of fact veried in just a week! Anybody out there have an address for KGGH, Houston, Tex.? I sent for a verie & the P.O. returned the letter stamped "non-delivery due to failure of sender to supply complete address. Do not reuse this envelope." They can sure get picky, as this is the first AM request ever returned this way. I had one FM request returned last Summer from San Antonio, so I guess the Texans are just choosy. Looks like some good CFC TESTS ahead - I hope I can get some rest & hear 'em - Until next time, Merry Christmas & Happy New Year to all!

MICHAEL E. LEWIS - 1450 West Stone's Crossing Road - Greenwood, Ind. 46142
Greetings. This is my first Muse, so an introduction is in order. I am 15, have been DXing on & off for two years, & have been an NRC member for three months. I am DXing on a very tight budget, so I decided to get a good antenna before a good RX. I should receive my SM-2 within the next month. My RX is the best thing I have around, which is a Sony HP-319. It is actually the AM band on a stereo RX, but it does have fair selectivity. I am mostly interested in the domestic DX. I tape my DX, because I feel that tapes are more valid than veries. Also less expensive, if you have a tape machine & some extra cassettes on hand, hi. I have been "practice DXing" for the last three months, & will continue to do so until I get the SM-2. I have heard 129 stations in practice sessions, w/102 of these being taped. My local nighttime pests are WIBC-1070, WNDE-1260, WIFE-1310 & WIRE-1430, all from Indianapolis. WIRE is c/w, IDing as "The 'I Like You' Station", WIBC WNDE & WIFE are all rr, w/WIBC sometimes leaning toward McR. My best catches in practice DXing are WSPA-950 WTTI-1530 WAAZ-570 WSGN-610 & KWHN-1320. I got WTTI on an ET w/rr one night when I happened to wake up @ 3am & decided to turn on my RX. At the time, I didn't even know what an ET was! (I don't know the date). I congratulate the NRC for a fine magazine, as well as a very informative New Member Booklet. My interests other than DXing are basketball & c/w mx. All letters are welcome & promptly answered; & I am especially interested in hearing from DXers who tape their IDs. I'll Muse again after getting & testing the SM-2. Season's Greetings. (Welcome to the NRC, Michael, & please do Muse again, and often, too! -ERC)

DAN K. PHILLIPS - 100 Hilltop Drive - Talladega, Alabama - 35160
Greetings from the DX Capital of Alabama! Would you believe there are now TWO DXers in this city? David Shapiro has moved to Talladega from Iowa. It sure makes it easier DXing now that I have someone to share my catches with. Latest DX: 10/27- WPOW-1600 5:08am over frequency. KWHN-1320 s/on 6am. 11/5- WLS-1350 s/off 6pm w/terrific signal. 11/6- WBTX-TEST 12:58am while partially asleep. 11/10- WSNW-DX @ 1:05am. Verie already back; took four days. KPBC-1040 6:32pm for call change. 11/13- WVOH-920 s/on 6am. 11/29- Fantastic evening for LAs. R. Uno-660, Colombia in clear 8:02pm. R. Sonora-675 Costa Rica ID 8:30. 12/1 - WHUB-1400 testing 2:15-2:35, clear ID 2:18 by CE who lived in same house with me in college. Small world! WROA-1390 ID 2:30am - what was this station doing on at this time? Sounded RS. WQBA-1140 clear ID 3:28, one of most-wanted catches - I have tried for them for past 15 years; very strong while testing. 1580, surprise catch in KRZI @ 3:58am in KLOU null. 650, R. Vision, Maracay, Venezuela @ 4:22am w/good signal. Amazing how

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

CHAPTER VIII - SOME FAMOUS OLD PROGRAMS

Some of the 50kw stations in the Old Days had some well-known and widely-listened-to late night programs. Probably the most famous of these was from WLW-700, in Cincinnati called "Moon River." It was designed for making one drowsy, and it consisted of organ music, very much down-tempo, with poetry reading over it, in a very slow tempo also - romantic-type poetry. It was on every night at midnight. A similar program was carried at I believe the same time, or perhaps an hour later, on WHAS-820, Louisville. Since these were clear channels, these programs had practically coast-to-coast audiences, some DXers, but many others tuned just to hear the program. Another well-known late program in the East was WKBW's popular "Back Home Hour" Sunday nights from 11 to 12. It featured request hymns, sung by the choir of the Buffalo Tabernacle, which owned WKBW in the 30's. Even into the 50's, Rev. Churchill, pastor there, was the principal verie signer of WKBW. Then there was a widely-heard (in the North-East) telephone-in request organ recital, of popular tunes, every Saturday night on old WPG-1100 in Atlantic City, starting at 10:30 and running till the phone stopped ringing, usually around 12:30am. And in those days, the big network prime-time evening shows were all done twice so that everything would be LIVE. So that the EST and PST time zones'd hear the top programs between 8 & 10 pm, they were repeated for the West Coast. It was possible then to miss a big show, like the Wednesday night Fred Allen Show at 9 EST, and still catch it at midnight on the repeat show on KFI or KOA. In fact, the last year of the two NBC networks, the Red Network (WEAF, WMAQ, KFI, KOA etc.) would handle the show, but some EST Blue network stations would carry the repeat show at midnight, like WJZ-760 (now WABC-770). In those days, the network outlets had a hard and fast rule of NO RECORDINGS EVER on the network! The first exception was the repeating of the eye-witness description of the docking of the German airship the Von Hindenburg at Lakehurst, N.J., when tragedy struck and the dirigible exploded in front of the eyes of the announcer. Most of you have probably heard/seen this event on TV repeats. NEXT WEEK: THE MEXICAN BANDITS.

(Phillips) strong the signals have been this year so far. This is shaping up as a terrific DX season, lots better than last year. All we need now is some DXer to invent the ultimate antenna, a rotatable loop directional in only one direction. Till then, 73. (I believe there is such a loop, Dan - a *Ren Schatz* invention, isn't there? -ERC)

ERNEST R. COOPER - 5 Anthony Street - Provincetown, Mass. - 02657
(The Cape Tip DXer) Only verie this week (or is it a verie?) is a pennant from La Voz de Barranquilla (HJAJ-760) w/no letter or card. Back to the dials: Tues. 11/25 found WRKO-680 off @ 1:46 but nothing making it on that channel as everything's directional away from Boston! An UNID R. Tropical noted on 620 & also a CMQBan. Herb Jepko is also on WJAR-920 & WERI-1230 in these parts. Log on R. Santa Fe-1070 c/u Emisora Atlantico 2:17-2:44 w/Sante Fe the winner by 3-1, hi. Wcers, eat your hearts out, hi. Thanksgiving morn: Log on YVMR-1080 "R. Universal de la Capital" in Maracay w/WTIC's cl mx for a report. An RCN-1160 Colombian noted on top @ 3:03. Fri. 11/28- 1:13, O Canada heard on 910. Unn KRMG-740 atop w/MOR @ 1:20. On 635 an AN SS which MAY be an Ecuadorian - he's too weak so far to be sure of ID. "Cuban Minute Man" heard on 1165a @ 3am. SM 11/30- WHAS-840 off today, but on/off testing & of course they picked the wrong times to come on as I tried to ID an SS on that channel 2:40-3:26am. MM 12/1- Report finally sent to WKTQ-1320 who was AN for Pittsburgh Teachers' Strike w/femme emcee on teletalker. The UNID Colombian on 1160 again @ 3:10. WDBS & WHN were noted off - too bad this wasn't WLYC's TEST morning. A maze of SSES clogged 1090 for the WTBJ TEST @ 3:30 but someone was running an old TV sound track of Johnny Carson's 11th Anniversary of the Tonight Show - was this WTBJ? CKKW? The latter was noted w/c/w earlier in the morning. Does XEG-1050 use SS w/ the "Carlos Camache Programs" beginning @ 4? TX was in CST, so more than likely only this. 12/2- Log on R. Melodia-730 w/CKAC 3:06-3:37, & WANR-1520 on top w/WKBW off but during local NX time, WKBW tested. CUNT.