



"You fellas have gotten it all together -- the finest club of its kind I've been privileged to be a member of!" (Dick Truax-LOUISVILLE)

ON THE INSIDE.....

- Reprint List Updater - HQ (typed - G. Cooper)
- Product Review - Dixidex Counter -- Bob Foxworth
- Precision Frequency Analysis - Ron Schatz
- Brazilian Info - Robert Veitmeijer, via César Objío (who also typed)
- A most interesting verie - Kelly Andrews

NEW MEMBERS

- * Robert Wessolowski, 1933 So. 33rd St., Milwaukee, WI 53215
- * David L. Bauhman, 511 N. 35th St., Camden, NJ 08105 (re-joins)
- * John Cessna, WAYC, P.O. Box 1, Bedford, PA 15522
- * Mike Bischoff, 420. Longfellow Ave., Deerfield, IL 60015
- * Michael E. Myers, 4148 Sheraton Dr., Flint, MI 48504
- * Tim Benko, 2748 179th St., Lansing, IL 60438
- * Burton Zachs, 1800 Engel Rd., Rm. 644, Lawrence, KS 66044
- * Stan Shedd, 1433 Fifth St. NW, Calgary, Alta, CANADA, T2M 3C1
- * Eugene W. May, Jr., WBSWKU, P.O. Box 582, Ann Arbor, MI 48107

RENEWALS

D. Fox, E. Bates, W. L. Cowles, R. Keeney, P. Shephard, J. Conrad, D. Simko, S. Steele, J. Schmelzer, C. W. Bailey, W. Breville, B. Podall, A. Maistriaux, T. Matthews, C. Wolff, R. Spareel, J. Bond, K. Mackie.

FLASH TIPS & SUCHLIKE

2/9: KNUJ-860 hrd by RJE, RGS, Schmidt, Musco, w/ polkas, march mx, IDs, code, TT; WJIC-1510 w/ code and TT vy wk u/WWEX etc., by Musco, RJE, Schmidt; WAYC-1600 hrd strong w/TT, IDs by Schmidt, RJE, RGS, Hansch, Musco; KAOL-1430 hrd by Hansch. Morse IDs hrd wk u/ CKFW, WVAM by RJE, Muscö. This was a good case for the code, especially as it was a good, high audio freq. (3 kHz.) allowing RJE to audio filter out most everything but the code, hi. 2/2: KPIA-1480 hrd w/ TT, c&w, IDs by Schmidt. KSOA-1430 only hrd wk TT -- nothing definite by Schmidt. 2/9: (again) KPSO-1260 hrd tone only, do ID or else by Hansch; WBRW-1170 noted weak u/WVVA w/ various TTs by Schmidt, 2/16; KVSH-940 apparently a no-show on a virtually empty freq. (RJE/RGS); KKYN-1090 not hrd due to CKKW (RJE-RGS) and KWIP-1580 made it another case in favor of code IDs with a few pieces of code IDs limping in thru the QRM & XEDM for a real goodie - RJE

TESTS listed inside for CJRW-1240 & KTGR-1580 rec'd here at deadline. The details should at least enable those who hear them to report. We'll get CJRW info out throughout the NE area, and also KTGR....

As of 3/1, CFGM-1310 will do no veries per John Sommer. Current v/s is B. J. Carnegie, Dir. of Communications, 10254 Yonge St., 14c 3B7.

NOTES &c FROM NJPC

Our deep condolences to member Jim Nall of Louisville whose father recently passed on.

WE NEED PEOPLE !!! - Due to Carl Junker's "retirement" from the hobby, we need someone to take over the Flash Alert Service. This person would mail postcard info on last minute tests to those who had supplied SASPs.

All old cards will be forwarded by Carl. Info would be gotten to FAS by phone from HQ, CPC-HQ, or the arranger. Generally, any Test notified between 10 and 4 days in advance would go this way as it would be too late for the advance bulletin, but in time for card mailings. Volunteers write HQ.

C. P. C. TEST SCHEDULE

MONDAY	FEB. 23	- 0300-0330	* WZYQ-1370	- Frederick, MD		NRC
		- 0300-0330	* KTGR-1580	- Columbia, MO	250	D NRC
		- 0300-0400	* CJRW-1240	- Sunnyside P.E.I.	250	U NRC
		- 0300-0400	* WSYB-1380	- Rutland, VT	5000	U NRC
		- 0330-0400	* WEWO-1080	- Laurinburg, NC	5000	D NRC
SATURDAY	28	- 0000-0200	* WPEP-1570	- Taunton, MA	1000	D NRC
MONDAY	MAR. 01	- 0300-0500	* KRYT-1530	- Colo. Springs, CO	1k	D NRC
		- 0300-0400	* WSYB-1380	- Rutland, VT	5000	U NRC
		- 0415-0445	* KVBR-1340	- Brainerd, MN	1000	U NRC
FRIDAY	05	- 0200-0245	* KOGA- 930	- Ogallala, NE	500	U NRC
MONDAY	08	- 0300-0400	* WYVE-1280	- Wytheville, VA	1000	D NRC
MONDAY	15	- 0200-0230	* WAFI-1560	- Middlesboro, KY	1000	D NRC/IRCA
MONDAY	22	- 0100-0200	* KSEK-1340	- Pittsburg, KS	1k/250	U NRC/IRCA
EVERY MM		- 0030-0230	* WFTN-1240	- Franklin, NH	1000	U NRC
		- 0100-0200	* WNAD- 640	- Norman, OK	1000	D NRC

DETAILS:

- WZYQ - TT, mx, code IDs. V/s Dick Davis, CE; 21701. Arr.: Dave Schmidt.
- KTGR - No program details. V/s Ken Kerenzie, CE; Box 412, 65201. Arr.: Neil Zank.
- CJRW - Mx, IDs, & P.E.I. info. V/s F. Mac Farlane, CE; 218 Water St. Arr.: Ron Musco.
- WSYB - Test on 2/23 is definite; test on 3/1 is tentative at this time. Will use day power & pattern. No program details. V/s John E. Hanley, CE; Dorr Dr., 05701. Arr.: Craig Healy.
- WEWO - TT & mx (may simulcast FM gospel mx). V/s David P. Bennett, CE; Box 512, 28352. Arr.: Schmidt.
- WPEP - TT, march mx, code & voice IDs. V/s Gene Faltus, CE; Box 1228, 02780. Arr.: Jerry Starr.
- KRYT - Rock mx & IDs; will probably simulcast FM. Test IDs on quarter hour. V/s Ken Love, 847 So. Circle Dr., 80910. Arr.: Wayne Heinen.
- KVBR - Upbeat mx, alt. w/IDs, 1 kHz TT & code IDs. Prepaid calls at (218) 829-8747. V/s Mark Persons, Dir of Engr, 411 Laurel St., 56401. Arr.: John Sommer.
- KOGA - Non Dir. for FC 0201-0215; DA 0215-0245 w/TT & mx. No V/s given. Address: Box 509, 69153. Arr.: Zank.
- WNAD - Will be testing nearly every MM until further notice. Will use open carrier w/frequent voice IDs & occasional mx. Prepaid calls at (405) 329-0640. V/s Rob Sullivan, CE; 73069. Arr.: Ted Fleishaker.
- WFTN - Will be testing every MM until further notice. Format of test --- 0030-0035; Talk on DX (reports, etc.) 0035-end; Cart with IDs, phone #s & code IDs. Calls welcomed at (603) 934-2500/934-5678/524-7273. Test may be extended until 0300 if phone response is good. V/s Chuck Morgan, Eng/Prod. Dir.; 401 Central St., 03235.

international dx digest

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" Phone 703-354-2135 Before 2200 ELT "All Times Are GMT "Deadlines Are Friday"

We'll start right out this time with whats been heard

- 529 -ALGERIA Ain Beida fair w/female AA vocal and weak audio level, 2355, 2/3. (Connolly) * Fair w/het fm beacon at 0015, AA mx. 1/31. (Waterman)
- 535 -SWITZERLAND Beromunster dominant w/man in GG, 2215, 1/27. (Connolly)
- 540 -GRENADA R. Grenada 2/9 first noted 1021 w/reel mx. TC and ID at 1025, mx at 1030, beautiful ID after mx at 1037. First time ever that I've found a trace of audio here. As strong as the other Caribbean outlets hrd this AM. Country 45 and tape sent. (Keeney)
- 550 -COLOMBIA HJKA 2/9 soft inst mx w/male ancr at 0659 mentioning R. Cadena Nacional and freq; also mention of Bogota. (Barnes)
- 555 -VENEZUELA YVKE Mundial, Caracas ID this way at 0532 on 2/2, quite weak for 10 kw. (Objfo)
- 566 -ST KITTS ZIZ 2/9 only 2nd time i've found readable audio here, hymns at 1018. I checked for Grenada as soon as this was heard. (Keeney)
- 595 -DOMINICA R. Dominica 2/9 1015 w/hymns and EE anmts. (Keeney) ((Connolly)
- 611 -UNID Strong het on WGLR on several occasions, e.g. 2200 1/26 and 2340 2/3.
- 620 -COLOMBIA R. Ciudad de Cali, ID at 0539, just stopped to listen this one because of the record they were playing, "Y te vas" (and you are going away) a beautiful song I bought on my trip to Bogota, 2/2. (Objfo)
- 638 -SPAIN La Coruña hetting CBN (CMQ not yet faded in), man in SS audible when o/ CBN - definitely the Spaniard, as not co-channel w/CBN, 2304, 2/3. (Connolly)
- 647 -ENGLAND BBC Daventry a regular. Noted w/play having man w/distinct Scotch accent, 2213, 1/27, reducing WSM to a het. Loud w/cl mx during excellent opening, again killing WSM/YVLH at 2243 on 1/29. (Connolly)
- 710 -COLOMBIA "R. Super de Medellin", w/a program of tangos at 0550 on 2/2 o/WGBS vy weak. (Objfo)
- 705 -ST VINCENT 2/9 no sign of this one on what I'd call a super Caribbean AM. (Keeney) Rob also mentions that he has sent a letter of inquiry to this one to find out what their current status is. Hopefully they'll let him know what they're doing and where at the moment. (ED)
- 719 -PORTUGAL Norte consistantly among the strongest TAs at local sunset. Atop WGN w/mighty sig and raucous het, w/inst jazz-rock mx, 2210, 1/27. Loud het present on several other occasions while driving home from work during local sunset period. (Connolly)
- 720 -JAMAICA RJR, TT at about 700 cycles hrd from t/in at 0909 steady thru 0942, then OC, but their supposed s/on and RS at 0945 did not make it - much QRM from the "Hi-Fidel" Cuban and WGN. (Cooper)
- 730 -MEXICO XEX 1/2 0600 w/m/amcr speaking slowly giving ID and playing Ranchera mx. Mucho KCBS slop; but, no KDWN slop. (Lobel)
- 735 -ECUADOR R. Melodia, s/off at 0552 w/NA sung by a female chorus, on 2/2.(Objfo)
- 737 -SPAIN Barcelona present as het, audio occasionally discernable against CBNM/CBL, 2246, 1/29 and 2219, 1/27. (Connolly)
- 740 -MONTSERAT R. Antilles 2/9 w/FF ancr 0931 o/u WKIS. Nice ID at 0943 for taped report. This gives me all of this islands stns. (Keeney) * Like w/RJR-720, so far I can't pull any programming on this 'un. The carrier appears around 0910 weekdays and an IS begins around 0925 or so - it consists of about 25 notes and takes about 1- seconds. So far, CBNM and/or Maracaibo have done him in beyond that - s/on is supposed to be 0930 for RS in FF. (Cooper)
- UNID LA Weak signal logged o/u WKIS on Tues AM 2/3, 0646-0726. They had frequent IDs w/6 cuckoo calls in the midst of anmts, and one "Radio Eco" ID caught at 0715. I find nothing listed like this! (Cooper) Sounds like the same one I hrd several years ago here using R. Eco IDs - I never did find out who it was for sure but I suspect the HJ. (ED)
- 764 -SENEGAL Dakar vy strong, effectively pushing thru WABC slop w/FF talk and native mx on an instrument sounding like a hybrid of xylophone, Trinidad steel drums, and ukelele; at 2225 2/3. (Connolly)
- 770 -GUATEMALA TGBX 2/9 w/some kind of LA mx and male/female ancr IDing as R. Fraternidad at 0649. Sig vy poor w/much fading. Hearing this was a real surprise considering output power (3 kw) and recent earthquakes. (Barnes)

04
773 -SPAIN Caceres actually stronger than WABC at local sunset, 2143, 2/3 w/man & woman in SS. (Connelly)
825 -COSTA RICA "Titania" is AN, a femme w/sort-a-sexy voice says "Titania" in the middle of every selection, making this an easy stn to ID. (Cooper)
818 -MOROCCO Rabat ultra loud w/AA mx (slow male vocal), style somewhat akin to that of some SS and Greek mx; HJED-820 merely a het, 0034, 1/27. (Connelly)
860 -DOMINICAN REPUBLIC HILR R. Clarin is back to NSP starting the MM of 1/26, the date of the WCOM test, as luck'd have it. They had been AN-6, off MMs till 0830. (Cooper) They weren't AN 2/9, Mundial was vy strong and made the KNUJ test tuff. (ED)
870 -PUERTO RICO WHOA 2/9 w/EE ID and into EE nx at 1000, sports-wx at 1007 SID and into mx w/above unid SS. (Keeney)
JUSA WWL New Orleans, s/off at 0600 w/NA on 2/2 just as the NRC Domestic Log says, Cuba stays on the freq. (Objfo)
-UNID KAIM?? 2/9 w/reel mx 0954 w/WWL off. Is KAIM still all rel, or is this how WHOA s/on? Unid SS s/on wiped out the ??? at 0956. (Keeney)
-UNID Strong MM 2/9 w/WWL off/testing. YL in SS non-stop talk from 0600-0618-checked later and was playing quiet mx. Who goes AN MMs? (Hutton) Cuba. (ED)
881 -UNID (BBC likely) Potent het on WCBS, 2248, 1/29. (Connelly)
900 -BARBADOS R. Barbados (CBC) 2/9 s/on 0930 "Good AM to listeners in Barbados and the Eastern Caribbean; the National Anthem of Barbados". Short s/on armt followed and into hymns. (Keeney)
910 -COLOMBIA La Voz del Rio Grande, Medellin, ID at 0610 on 2/2 w/local songs, vy good. (Objfo)
925 -UNID LA Seems NSP, but is vy weak, so far I can't pull an ID, or even get a logging. (Cooper) Likely the TL. (ED)
930 -MONTSERRAT R. Antilles 2/2 1040 w/British Airways ad, jingle ID, pop mx and promo as "The Caribbean Giant". All in EE. (Keeney) (Connelly)
935 -MOROCCO (Tentative) The likely source of low side het on CMM-940, 2211, 1/27.
945 -ECUADOR Ifesa, Guayaquil, ID at 0620 on 2/2, still here and announcing freq as 945 khz vy good, w/"Luna Rosa", Italian melody by man. (Objfo)
-UNID Another seemingly NSP SS, unid and vy weak. (Cooper)
960 -VENEZUELA R. San Sebastian, San Cristobal, ID at 0623 on 2/2, announces 24 h. operation. (Objfo)
975 -EL SALVADOR (Tentative) Thurs 2/5, 0642-0717 and on, attracted me as it seems d much too loud to be the Ecuadorian. IDs are infrequent, but are given as "R. Centro America" but city/country not heard - there's one listed on 970 in El Salvador w/this name, but only 1 kw. Not there Fri 2/6 - perhaps the earthquake did them in? (Cooper)
980 -MEXICO XEKE 1/2 0659 w/what apparently was a s/off. Good ID "Enkees Eh Kah Eh Radio Familita (not sure of exact word after radio). First stn on 980 other than KPWB. Report out! Also, hrd mention of Navojoa, Son. Mexiglen list shows 0700 s/off; so this checks. (Lobel)
1005 -COLOMBIA HJDF 1/2 0730 w/"Radio Colosal" ID and mention of Colombia and Colombian mx. Mucho slop from KONO and KGHV; but, both gone by 0800. HJDF clear w/S8 sig; S4 in fades. First time hrd, so report out. Recheck 1112 HJDF still audible. (Lobel)
1010 -MEXICO XEHL 1/2 0800 w/male ancr and ID "XEHL La Musica de Pegue". Good S9 signal. (Lobel)
1030 -COLOMBIA La Radio de Colombia hrd MM 2/9 using this slogan to the exclusion of the many others they have used. (Hutton)
-MEXICO R. Centro hrd during WBZ SP w/SS MoR mx, IDs and TCs at 0755. Good on 2/2. (Waterman) * 1/2 0835 w/ID XEQR - Mexico City mentions. (Lobel)
1043 -NOTHING hrd during good cx recently except for weak carrier back in the late part of Dec. Is Portugal back on or not? (Hutton) Portugal on 1034, not 1043. I'm not sure what their present status is - strong carrier noted on the freq on either 2/2 or 2/9 (I forget which) but no audio. (ED)
1045 -PANAMA Finally an ID on this previously unid as "Radio Canajagua", HOJ2 (call not mentioned), caught SM 1/31 at s/off 0745, whereas weekdays they go off earlier, around 0700. Sometimes they leave their OC on a long while after s/off-still not enough info to send a report. (Cooper)
1050 -MEXICO XEG 1/2 0845 w/mx in EE. Los Angeles CA phone number (213) 291-7802 (area code not given by ancr, but he did mention Los Angeles) given. (Lobel)
1110 -VENEZUELA Radio Mia, Valencia, is AN SMs and a cinch on the EG w/WTB off. They're tough to verify, though, still unverified here. (Cooper)

1115 -UNID ARAB Hrd here w/AA chanting around 2200 on either 1/28 or 1/19. (Cooper)
1120 -COLOMBIA R. Cartago, Cartago, pop mx and ID at 0640 on 2/2. (Objfo)
1140 -COLOMBIA R. Cristal, Medellin, ads and pop mx at 0646 on 2/2. Carlos Gardel sings a tango after ID. (Objfo)
1180 -COLOMBIA HJOV Neiva, 2/1 0655-0702 vy weak w/SS vocals, promo for mx pgm "Mañana" and IB "HJOV la Radio de Colombia". Someone else there but too weak to ID. (Zank)
1190 -MEXICO XEMBC 1/2 0904 w/S9 sig but not only stn on freq hrd. "XEMBC" ID at 0906. Ranchera mx. (Lobel)
1200 -VENEZUELA YVOZ 1/2 0930 what a vy nice and unexpected surprise for country 17 hrd. S8 sig w/ID Radio Tiempo. Mucho slop from 1190 KEZY (no sign of XEMBC). No sign of WQAI this first Monday of the second month of this bicentennial year. A report will definitely go to this one. (Lobel)
1220 -COLOMBIA HHAJ R. Vision, Barranquilla, loud o/WGAR/XEB w/SS-US pop vocals, clock chimes and TC by woman twixt ea selection, 0750-0810. Caracol and R. Vision IDs on hour. (Zank)
1230 -COLOMBIA R. Calidad, Cali, pop mx and ID at 0657 on 2/2. (Objfo)
1280 -HAITI R. Metropole, Port-au-Prince. Strange to hear this stn in operation at 0702 on 2/2 w/a sond by Dalida, too late for them. (Objfo)
1345 -KUWAIT Almost certainly the sig here 0227 2/10 (Mon eve, home from work w/flu). Played an IS several times, seemed to have lots of dead air, some chants (Probably Qu'ran readings) hrd at 0232 and times afterwards. Fair sig, S6 on peaks, rapid and deep fades but modulation seemed vy shallow. Sig was out at 0300 re-check. At 0229 a definite het hrd from 539 against 540, but not enuff there for audio, High-band cx were much better than low-band this nite, interestingly at this time, nothing at all noted on 1016. The 1345 sig was exactly on that freq (within a few hz error bracket) according to my \$30 freq standard. (Foxworth) Nice catch but you are still a bum - you just beat me to that HQ-150. (ED)
1375 -ST PIERRE A fairly good sig at times from 2310 onwards 2/9 and on past 0100 2/10, though w/bad fading. Had a drama, possibly French version of Mary Hartman? (Foxworth)
1380 -MEXICO XEBC 2/9 at 0639 w/mx and male ancr IDing as R. Eco. (Barnes)
1394 -ALBANIA Some EE talking by YL hrd at 2205 on 1/29. (Waterman) * Fair to good s/SS pgm, male ancr, 2311, 1/26. (Connelly)
1420 -VENEZUELA R. Vision, many ads about Venezuela and ID after every record at 0503 on 2/2, announced time as 12:05 AM, 3 mins fast. (Objfo)
1439 -LUXEMBOURG Nice level around 0100-0200 2/10 w/pops, some fading. Better bag all ---9 ending TAs in the next couple of years, before they move up. (Foxy)
1448 -ITALY Synchronized Italian stns logged and reported MM 2/2 0533-0616 fadeout, nx at 0530-0535, then pop mx. (Cooper)
1457 -ALBANIA (Tentative) YL talk in unid language 0445-0505 2/11. Faded on the hour so no IS or ID hrd, but as far as I know BBB plays mx w/EE anmts at this time. Excellent TA nite; at least 20 carriers detectable from 1100 to the top of the band. (Hutton)
1466 -MONACO Monte Carlo in GG at 0511 on 2/2, vy good. (Objfo) * Strong w/mx, then EE ID, 2300, 1/26. (Connelly) (Objfo)
1490 -PUERTO RICO R. Señorial, WZBS, stn hrd for the first time, ID at 0515 on 2/2.
1502 -UNID Stn here w/sedate mx 0100 2/10, running across the hour; WTOP being on didn't help, who runs this late here? Help from someone in Eu?? (Foxworth)
1525 -CHINA Urunchi hrd here w/fair sig 2329-2355 2/7 and again 2247 f/in-2355 s/off 2/8 w/good-vy good sig. 2/7 reception not as good but did hear "Internationale" s/off 2354 actually on telephone from Bob Foxworth after alerting him. 2/8 was much better providing my best tape of the "East is Red" IS 2300-2302 w/ID by m/f in RR. Seems to be favorable pattern change at 2300 as was poor till 2255 when carrier was cut but back on at exceptional level 2300 on 2/8. Was a bit poorer at 2355 s/off w/Internationale again. Pgm basically YL and brief periods of GC mx around 2330-2345. (Eckman) * Richard Eckman called w/tip that China was in, and hrd here at 2340 2/7 w/woman in RR on thru until 2355 s/off w/Internationale. Only a fair sig, but seemed just about alone on freq. I had checked that freq at 2320 w/negative results. Tried again the next day Sun eve 2/8 and they were in better, at 2310, and hrd on rx plus loop in basement even. Woman in RR again, some mx hrd at times after 2330, peaked at S7 but again, the vy deep rapid fade. Faded around 2345 so did not monitor s/off. Checked the freq around 0030 2/9 and a vy weak carrier on 1525 and a (Cont)

- 1525 -CHINA (Cont) slightly better one on 1524.6 which is probably Turrialba C.R. though local NL too great to tell. I have hrd accounts of Mass DXers using beverages hearing China as early as 3 PM local time - how about some details. fellow? (Foxworth)
- 1554 -FRANCE Nice in nicely (ooooo!) w/FF man and into inst mx at 0526 2/2. No QRM to speak of. (Fox)
- 1562 -SWITZERLAND (?) No ID hrd but man talking in a hard sounding language which didn't seem GG at 0534 2/2. Foreign version of Bedaka's "Laughter in the Rain" w/the original arrangement just the vocal changed. (Fox)
- 1586 -WEST GERMANY Langenberg fair/good w/lite mx in WQQW splash, 0455, 2/3. (Connelly) * Quite strong in GG at 0518 on 2/2, YL talking then mx. (Objio) * Obviously the one in vy strong at 0548. Programming about the same as Connelly's 11/14 reception except this "show" included a man whistling the lead. Woman in GG 0550 2/2. Though I might be wrong, this transmission had the same audio quality that is always a tip-off to a VOA transmission. Obviously its not that much of a tip-off anymore. (Fox)

Some varies

- 740 -VENEZUELA YVNC Maracaibo. Nice v/1 SS in, signed by Rossana M. Gonzalez C, no title. Letterhead shows affiliates are: R. Rumbos 570,670; R. Carupano-1110; R. Punto Fijo-940; R. Barcelona-1080; and R. Sucre-600. Address is Avenida 25 (Paraiso) - Esq. con Calle 67 No. 24-88. (Cooper)
- 760 -COLOMBIA La Voz de Barranquilla sent pennant - nothing else - not counted.(ED)
- 899 -ITALY Turin I, artistic v/q w/EE typed unsigned message in about 4 months, Italian verie #4 here. The address for RAI stns is given as RAI-Radiotelevisione Italiana, Casella Postale 320, Roma. (Cooper)
- 1070 -COLOMBIA HJCG V/q received - map of Colombia and antenna in the center in green and white, w/multi-colored farm scene on reverse side. No signer.
- 1100 -COLOMBIA HJCN 3 colored glossy v/q received promptly. V/s is Ing. Mario Fric L, Departamento Tecnico. (Cooper, last 2)
- 1025 -SPAIN R. San Sebastian, postcard of San Sebastian w/"TNX QSL" written on it in 3 months for SS/EE report and 2 IRCs. (Waterman) Same garbage they have been sending for years. (ED)
- 1500 -HAWAII KUMU Honolulu, Roycroft v/q for tentative report and tape. Alan R. says to send all reports for Hawaiian stns to him and he'll make sure they get to the right people. (Keeney)
- 1529 -VATICAN STATE Vatican Radio, full data card in 3 weeks. (Waterman)
- 1602 -WEST GERMANY Bayerischer Rundfunk card w/picture of a man playing a saxophone in 1 month. (Waterman)

The reporters for this issue

- Clifford BARNES - Bellaire, Texas Eversonic transistor, 65' longwire
- Mark CONNELLY - Belmont Hill, Massachusetts Car radio, 2' whip
- Ernie COOPER - Provincetown, Massachusetts HQ-180C, SM-2
- Richard ECKMAN - Philadelphia, Pennsylvania BC946/453, Sanserino loop
- Geoff FOX - Lindenwold, New Jersey ARB, Sanserino loop
- Bob FOXWORTH - Mineola, New York HQ-150 w/SB620, GPR90, 2 lw's, SM-2A
- Chuck HUTTON - Decatur, Georgia R388/URR, Sanserino loop
- Rob KEENEY - Lawrence, Kansas HQ-180, SM-2
- Al LOBEL - Cajon El, California DX150A, Sanserino loop
- Cesar OBJIO - Banto Domingo, Dominican Republic HE-30, loop, 60' longwire
- Sharon WATERMAN - Bouthwick, Massachusetts HA600A, loop
- Neil ZANK - Lincoln, Nebraska HQ-160, SM-1

This and that

- LIBYA A powerful new transmitter has been noted testing on 827 khz with AA mx, anmts and some tone. (NEW Zealand DX Radio Assn) Looks like Libya is using this freq. (ED)
- LIECHTENSTEIN This country has been granted a frequency at the recent conference. Radio Liechtenstein will us 1386 khz with 500 kw with programs in German. This assignment becomes effective November 28, 1978 which is the date for the frequency changes to become effective. (Variety, via Foxy)
- SRI LANKA Trans World Radio has been granted permission to establish a 400 kw MW xmtr here to serve India, Bangladesh, Pakistan and Burma. Const is starting and the xmtr is scheduled to be shipped from France in June or July. Hope to be on in late 1976. (Religious Broadcasting via Starr) * * Thats it. See you in 7. 73 - DX.

DOMESTIC X DIGEST



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

-from the FCC...
- 1530 IL Benton application for 2.5Kw directional daytime.
- 1190 SD Huron KOKK granted pgm. operation by the FCC.
- 1600 NC Hendersonville WHVL seeks increase power to 5Kw daytime.

The FCC allows an additional station in Cheyenne,Wyo. & Provo,Utah to join one of ABC's 4 nets. So KNIE Cheyenne & KEYV Provo will join ABC net. Previous order by FCC stripping Star Broadcasting of the license of KISN Vancouver,Wa.---KOIL Omaha,Ne. ---& WIFE Indianapolis,In. has been upheld by US Court of Appeals in Washington. *****

Per 1/30/76 "Radio & Records"..KWSR Rifle,Co. was denied license renewal by the FCC. The denial cited logging infractions and other misrepresentations. Emergency Action Notification tests were not held in over a year, and a contest was allegedly rigged!

- Now more 1340 Khz. info from John Sommer.
- WFEB AL Box 358...sked: 0600-0100
- KIKO AZ Box 1543 Net A
- KFBR AZ 0800-0000 Net Ai
- KORV CA Box 1340, zip 95969 Sked: 0900-0300
- WGAA GA 0600-2300 Net AP
- WBIW IN Add: Heltonville Rd. Sked: 0530 (0645) 0000 (2300)
- WTRC IN Sked: 0530-0000
- WLEW MI 0530-2330 Net is AP
- WLAV MI 101-C Waters Bldg. SP: MN 0000-0500
- WHITE MI 375 Savings Bank Bldg. Net A Sked: 0500-0000
- KDLM MN Box 746 Net UPI Sked 0700-0100
- KXEO MO Sked: 0600 (0845) 0100 (0000)
- KCAP ME Add: 110 Broadway
- KHUB NE Net Ai sked: 0600-0100
- KBET NV 24 hrs. NSP zip 89501
- WDGR NH AP-UPI (maybe wire service, not audios)
- WMID NJ Box 1137 Net Ac
- WOOW NC Net Ac Sked: 0545-0205
- WCBQ NC Box 336 Sked: 0615-0000 Net APR
- KSET TX NSP
- KRBA TX 24 hrs. TSN (Texas State Net)
- WTWN VT 0530 (0730) 2315
- WSTA VI Address is correct, but St. Thomas, not C.A. SKED: 0600-000 local time....net: N

- WHAR WV Net: AP 24 hrs.
- WEPM WV 0545-2330
- WXEE WV Box 1340
- WRIT WI Add: 5407 W. McKinley Av. Nets: NIS & Ac
- KSGT WY Net A & IMN (Internatn. Net.) Sked: 0800 (1000) 0200 (0000)
- KYCN WY Box 250 Sked: 0800 (0900) 0000 (2300)
- KWOR WY 0800 (0900)-0000 (2100)

and 2 others from John
 680 WCBM MD 68 Radio Plaza, Owings Hills,Md. 21117
 900 KTIS MN 3003 Snelling Ave. N., St. Paul,MN

- TEST RESULTS:
- 540 WDXN Hrd: (DSB)(RA)(Bull)(John)(RLK)
 - 710 WQBX Hrd: (DSB)(John)(DS) Tent: (Bull)(RA)
 - 860 WGOM Hrd: (MPO)(BW)(HJH)(DS)(RLK)(BULL)(RA)
 - 740 WBOO Hrd: (RA) 1260 WJJJ Not hrd: (Everyone)
 - 1240 CJRW Not Hrd: (Everyone) 790 WSIG Hrd: (MPO) Not hrd: (PrM)
 - 1220 WRIB Hrd: (DS)(BW)(KDF)(DSB)(Bull)(RA)
 - 1430 KSOA Not hrd: (HWB--Starr--PrM) 1480 KPIA Hrd: (Starr & DWB) ne (PrM)

WRIB
 WASHINGTON, D.C.
 11/22/78



r c's
4th. MM:: KAMA 1060 (RLK-BS) WJDY 1470 (RA--John--DS--DSB) WPSC 1510 (DS)
WCBG 1590 (DS-RA) WCCR 1580 (John) WECB 1490 (DS) WGOE 1590(DS)
WLDY 1340 (RLK)(John) KLEO 1480 (John)

4th. TUE: WFTR 1450 (MPO)

sunset & evening

680 WPTF NC 1/26 Well o/ WRKO w/ down-MOR, nx 1700-1715, traffic rpts., wx
to 1730 ID & pattern change (PrM)
*740 KBAD NM 1/20 Ending s/off annct. 1914, then ISSB (RLK) still daytime!!
850 WIVK TN 1/28 Local tests. in wx 1738, no WJAC for a change (MPO)
910 CKLY ON 1/26 Atop 1734-1745 w/ sx, local ads, C&W mx (DSB)
1000 WVOV AL 1/27 Local ads, jx, 1748, strong in WCFL null (MPO)
WHWB VT 1/28 UPI nx till 1605, state nx to 1615, then sx (MPO) (DSB)
1060 WMAP NC 1/25 Clear 1659-1730+ w/ local mx till 1700, then "Powerline"
1150 WTYC SC 1/25 Briefly atop 1705 w/ C&W mx, female anncr., ID & local ads
1190 WIXE NC 1/28 Mx 1720, local ads, then more C&W (MPO) (DSB)
1210 WILY IL 1/28 Bank ad 1716, local mentions, then gone u/ WCAU (MPO)
1270 WBBF IL 1/26 First time here, 2100 w/ promo, o/u WXYZ (John)
1430 WVAM PA 1/28 Fair u/ WNJR/CKFH w/ RR & "Mx Radio-WVAM" ment. 2025(PrM)
1570 WSWV VA 1/26 S/off 1745, ment. FM 105.5 to be on till 10PM (DSB)

midnight to sunrise

640 KFI CA 1/26 Booming in o/ CMQ 0108 w/ talk show (AL) 1/30 O/ Cuban w/
nx-stock rpt., local wx, ID 0107 (SW)
680 CFTR ON 1/26 W/ WPTF off, think this w/ "Dr. Demento" 0022-0025, JX ID
0025, mixing w/ unid TT (BW)
KNBR CA 1/26 Barely there, thru jumble 0030 w/ CID into a public affair
type pgm (BW)
740 WKIS FL 1/26 Hrd. 0117 w/ RR, weak (HJH) I've never hrd. him weak!-HWB
KRMG OK 1/26 W/ MOR mx, TC & ID given at 0128 (AL)
830 WNYC NY 1/26 Noted on ET w/ 1K TT 0025, u/ WCCO (AL)
850 WKIX NC 2/2 Good on ET 0240-0300, non-stop hits of '73 & '74 (PrM)
970 WWSW PA 2/2 In well w/ CBS nx, ID & wx 0306 (SW)
1020 KGBS CA 1/26 Good w/ C&W 0057, NBC nx 0100 so was this w/ same the MM
before (1/19), but who has Rev. Ike here?? (BW)
1070 KNX CA 1/26 Loud, stronger than KFI, nx-nx-nx- & more nx, 0109 (AL)
1150 WDEL DE 1/26 Noted atop frequency 0035-0037 w/ s/off & NA (RA)
WJBO LA 1/26 AP nx 0100-0108, local nx/wx, then s/off w/ ISSB (LEB)
1190 CHTN PEI 2/2 Fair, mostly alone w/ EL MX 0050-0200, few spots, male
anncr., nx 0055-0105, no legal ID noted. Guess I'm the last to hear
this! (PrM) Most likely!-HWB, And to the few that still need him,
nx is :55 to :00, then maratime wx to :05 w/ full ID at end.--HWB
Oh yes, legal IDs in Canada consist of mention of "Call" or "General
Location", near the top of the hour!!
1330 UNID ?? 1/26 Non-stop C&W 0122-0129, & 0146-0150. Seems to steady for
WFTP, help!! (BW)
1340 UNID ?? 1/26 Someone 0348-0400 w/ TT & breaks every 3 min. for possible
IDs, but none hrd. (DSB)
WISE OH 2/2 Ending "Community Calendar" 0244, jx ID, then promo for a
"Dialog" pgm. Sundays--mx is RR, calls itself "WISE" (HJH)
1370 WCOA FL 1/26 Noted ID 0216 mx, on Tornado watch (MPO) 1/26 U/ WSPD 0216
w/ C&W mx, on for "Tornado Alert" (DS)
+1390 WCSC SC 1/26 S/off noted 0002, no SSB (DSB)
UNID ?? 1/26 U/ WFBL w/ ET- 1kTT, anncd. as ET 0338, but copied no call
letters. HELP!! (John)
*1400 KWON OK 1/26 Came up 0110 w/ s/off & choral SSB. Is 2nd. MM in a row
this happens, maybe he goes to 1Kw for s/off annct.!! (RLK)
1410 WPOP CT 1/26 Finally dug him from u/ KQV w/ NIS, ads, ID 0159-0200+
for Conn. #2 (BW)
1460 WCMB PA 1/25 S/off w/ SSB noted 2359, to return 0500 (DSB)
UNID ?? 1/26 ET 0134-0140 u/ WPNX, etc. Possible ID 0140 seemed KKOY,
or my imagination?? Help?? (DSB) Next time call & find out!--HWB
1530 WTTI GA 1/26 Another insipid ET' twirt 0045 & 0230+ noted by (RLK-DS-DSB)
WOBR NC 2/2 On for local emerg., noted 0410-0500+ (Starr--HWB)
1560 WBKC OH 1/26 ET w/ TT-RR 0205-0223+(John) 1/26 In well w/ mx, ID 0335
on ET (SW) 1/26 ET w/ Soul & RR mx, 0312-0320+, ID 0313 (DSB)
KKA A SD 1/26 ID as "K-K-Double A" 0228 after relig. pgm. (AL)
1590 WQQW CT 1/29 No WAKR, caught end of s/off 0105, unid TT u/ him (AL)
WCBG PA 1/26 Hrd. wx w/ "Bill Ramsey" thru slop after WQQW off-0110(AL)
1600 WCWC WI 1/26 Noted this one w/ ID 0115, then into RR mx (AL)

A general re-hash of procedure for reporting to DDXD seems in order, got
lotsa new members out there!!

1. I don't care if you write/print/or type, just so I can read it.
2. Date/initial each item reported. On "tests" or "i/c" just mark that
group of items!!
3. Write on one side of the sheet of paper only!
4. Items over 2 weeks old at my deadline here will be dropped, unless it
is i/c or test stuffs. Station changes will be used if reported
within a "reasonable" time.
5. Cut dates during the winter "DX SEASON" are the MMs before my deadline.
A deadline of 2/31 (obvious example!!) will not include items older
than the MM about 10 days before that date.
6. Reports don't have to be double spaced, but leave a little room (we are
using a modified "cut & paste" system here).
7. Any questions directed at DDXD people, and requiring an answer should
also have an SASE with it!

Now as to what should be reported:

1. Exotic or rare loggings.
2. Semi-rare loggings
3. Interesting DX or skip conditions.
4. non-regular equipment tests
5. frequency check info
6. station changes

semi-useless stuff

1. regular DX from your area.
2. clear channel DX (50Kw class A's)
3. UNIDS with little or no info to aid in identification!

That's about it, reports should be kept in similar to the forms seen here
in DDXD. All items will not be used depending upon the age, and the quantity
and quality of other reports received. Remember that this isn't supposed
to be a "brag" section, but to offer info to other DXers. Further I will
not include all info from most reports, have had cases where a small number
of "DXers" (???) have "faked" reception reports from info in this section.
The info here is enough to help you find & log a station, the rest is up to
you. And a final mention that loggings might be dropped if you're the last
DXer to log what has been heard by most others from your area. After all, if
most others have heard it, it's no longer real DX!(to most DXers)!!!!!!!

REPORTERS::

RA	Ray Arruda	New Bedford, MA	SX122/ TRF	SM
Bull	Tom Bull	Washington, DC	HQ180	SM
LEB	Lynn Burke	Newport News, VA		
DSB	Dave Burns	Woodbridge, VA	R390A	SM
HJH	Harry Hayes	Gouldsboro, PA	Zenith T-0	SM
RLK	Bob Keeney	Lawrence, KS	HQ180	SM
AL	Arnim Litteck	Port Elgin, ON		
dm				
PrM	Paul Mount	Teaneck, NJ	Ameco R-5, R 1551	SM
MPO	Michael O'shea	Buffalo, NY	HA600	LW
DS	Dave Schmidt	New Castle, DE	HQ180	SM line noise
John	John Sommer	Ft. Wayne, IN		
BW	Bruce Winkelman	Greensboro, NC	HQ180	Mini-loop
SW	Sharon Waterman	Southwick, MA	HA600	LW
Starr	Jerry Starr	Hubbard, Ohio	HQ180	Loop
HWB	me	Girard, Ohio	HQ180	Loop

Had some stuff from Wayne Heinen & from Craig Healy, but misplaced them
somewhere. This don't happen very often, but methinks my "little ones" are
hiding the stuff. This means WAR!!!

WGAG

"DORF"

Later,

HWB.

...and now to prove how dumb I am, here we go again....

DOMESTIC X DIGEST



editor.. Wes Boyd
980 W. Liberty
Girard, Ohio 44420

Must have gotten some really good stuff, as I forgot the "break". So I did a section I shouldn't have done. Thus here be DDXD part #2 ...Sort of a stereo AM thing!

First:: TEST RESULTS::

1430 KSOA Hrd: Not Hrd: (HWB--RLK--Bull--)
WJIC 1510 Hrd: (HWB--Silly--Starr--RLK--DS--)
KPSO 1260 Not hrd: (HWB--Starr--JWB--Ross) Hrd: (RLK)
KNUJ 860 Hrd: (HWB-- --JWB-- DS--RLK)
KOAL 1430 Not Hrd: () (JWB) Hrd: (Ross)
WAYC 1600 Hrd: (HWB--Starr-- --DS--Ross--RLK)
KPIA 1480 Hrd: (DS--ELK--WDF--WH--Bull--RLK--)
WFTN 1240 Hrd: (JWB)

KNIC
 NICE RADIO FOR NICE PEOPLE
 SUITE 304 BLDG.
 FIRST NATL. KANSAS 67156
 WINFIELD, KANSAS

r c's

4th. SAT: KFLN 960 per list (ELK)
1st. MM: WCNC 1240 per list (Starr--DS) WRBN 1460 (HWB--DS) WCNC 1240 (GJF)
KFSA 950 (RLK) KBTA 1340 (WH--RLK) KCUZ 1450 (WH) KGHL 790 (WH) KVSL 1450 (RLK) WNBV 1450 (ELK) KXOW 1420 (Starr)
1st. SAT: WDOC (JWB)
2nd. MM: KFGO 790 (HWB) WPRS 1440 (RLK) KRGJ 1430 (RLK)

WMEL 1580 1st. MM f/c now using call similar to WMEL (RLK) KRGJ 1430 now noted 2 months in a row on 2nd. MM at 0530-0545 (RLK) 3rd. MM WORV 1580 is in new list & old at 0300-0315, but in Jan. ran 0200-0215 (Starr) 3rd. TUE test of WABH in old list still exists, not in new list (Starr) Same is true of the 3rd. TUE KBRX 1350 check (Starr) And finally the 1st. MM KNBI 1530 check noted in Jan. by SILLY not hrd. in Feb. (Starr) (Verie here sez f/c is on 1st. SUN, Jan was an oddball job--HWB)

changes

580 WHP PA Noted ANing 2/7 & 2/8 w/ schmultz mx, so seems to have dropped the Sun. SP (DS)
600 KSJB ND Daily s/off (M-Sat.) 0202 w/ ISSB, returns 0630 (WH)
920 KDHL MN Noted s/off on 1/25 (a Sun.) w/ SSB at 0200 (ELK)
1310 WPRJ NJ Parsipanny call is now WQTK (RJE)
1370 WCOA FL Per verie, every other MM does an "experimental broadcast", so should ET on 2/23, 3/8 & 3/22, etc. (MPO)
1400 CKCB ON Does nx-wx-sx 0000-0004, then s/off & NAs, sez s/on 0500 (ELK)
1560 KPMS CA Weekday s/off now seems 0430, w/ ISSB (Starr)
1590 KCSJ ?? Think this is now NSP (WH)
WEEZ PA Noted off MMs 0208 now, former AN DJ now does mornings (DS)
1230 KDZA ?? Now AN MMs, & NSP (WH)
1350 KKAN ?? Is AN-6, off MMs at 0200 (WH)

What we have is a failure to communicate!

Starr finds 2 "CPs" in latest Broadcast Yearbook, but no further info on them...

800 WRKV CT Rockville 1230 *CP* CO Steamboat Springs

And now stuff from Wayne Heinen, who is still looking for a KPIK signer!

740 KSSS Box 740, zip 80901 MBS net, AN-6, off MMs 0200-0700
1240 KRDO NNIS net---AN-6 MM SP 0200-0700
1300 KVOR CBS net AN-6, off MMs 0200-0600
1460 KYSN NO net, AN-NSP
1490 KIIQ Box 111, Manitou Springs 80829--net Ae, SP MM 0200-0730
1530 KRYT Net Ai
1580 KPIK Net Ac

Gee Wayne, it sure would be nice if you can get KRYT & KPIK to test for us...HINT!! To the newer members that don't know much about Wayne, he was once considered "Hamburg, N.Y.'s answer to Burt Reynolds", now he's slipped to "Colorado Springs answer to Dan Myers". Things are bound to improve!!!

sunset & evening

540 WRIC VA 2/2 S/off 1759 w/ stn. data, ment. located in Cedar Bluff, Va. then closes w/ a community chorus. (DSB)
710 WGBS FL 2/3 Equal to WOR 1743-1745, w/ MOR mx, rare at SSS (DS)
860 KOAM KS 2/2 Clear, little CJBC QRM, w/ "Nx Round-Up" to 1845, then to relig. pgms. (DSB)
920 WOKY WI 2/7 Tent. at 1805-1815 pattern change. Hrd. RR w/ some punched up selections. Call seemed WLKY, and this is all that comes close (HJH)
980 CKGM PQ 2/3 W/ RR 1757-1800, ID jx, atop WRC (DS)
1140 UNID ?? 2/7 Hrd. weak u/ partial null on WRVA, w/ RR & some C&W, went into Ae nx at 1830. KSOO maybe ?? (HJH)
1220 WSLM IN 2/2 'Crossroads' pgm., (C&W/Relig.) to 1830 s/off. Little WGAR at that time, ment. of FM 98.8 @ s/off (DSB)
1290 WHKY NC 2/6 Ending mx, 1743, to ID & RR, weak to fair level (HJH)
1580 KPIK CO 2/2 A suprise 1919-1929 w/ MST TC's, wx & much C&W, including a "KAY PICK EXTRA". Very deep fades & was only in clear for a few minutes at a time. (DSB) Now if Wayne gets in low gear----HWB
KTUF AZ 2/2 A bigger suprise than KPIK, off & on twixt 1943-2016 s/off o/ WCLS at times, w/ C&W. IDs as KTUF & Stereo KNIX. At 2001 DJ said he would be on for 6 more hours, obvious reference to FM. S/off 2016 sez FM on 102.5 & something about "America". Noted again on 2/3 w/ newscast at 1955 (DSB) Looks like FD started something!!---HWB

midnight to sunrise

550 WGR NY 2/8 Noted on OC 0215, Cuban/WGNG under (DS)
680 WCBM MD 2/9 Hrd. in passing, w/ ID on ET w/ OC-TT in CFTR null (DS)
740 KRMG OK 2/2 ET w/ MOR 0143-0146+, strong, ID 0145 (DS)
KBRT CA 2/9 ET-OC, ID 0436 (RLK)
790 WAEB PA 2/9 RR 0231-0234+, local HS promo. Only this & WTAR noted all AM (DS) I've heard WAEB about 3 times in 5 years!!---HWB
850 WHDH MA 2/2 On ET w/ TT & OC 0340-0400+, noted JX ID 0400 (Starr)
WKIX NC 2/2 ET w/ mx & IDs, played "Killing me Softly" 3 times (CRD)
UNID ?? 2/2 Noted 0145, then AN w/ non-stop RR (RLK) Maybe the FFER, or is Washington AN w/ RR -- HWB
900 WKXV TN 2/9 S/on 0600 ments, 500 watt PSA pwr., this o/ the mess (RLK)
920 WGST GA 2/2 Sx 0103, and local PSA, atop the channel (GJF) Who's She?
930 WJAX FL 2/2 In R. Antilles fade, hrd. wx & tide stuff @ 0545 (RLK)
970 WFLA FL 2/1 This w/ male anncr. & soft instr. mx 0225 (CB)
980 WSIX TN 2/1 Hrd. 0218 w/ soft mx & male anncr. (CB)
UNID ?? 2/2 Someone w/ 0100 s/off & choral SSB noted u/ KMBZ (RLK)
990 WHOO FL 2/2 Noted on ET-OC, ID hrd. 0255 (Starr)
+1070 KNX CA 2/2 OFF, 1st. MM, left KENR w/ C&W, and WTSO w/ MOR. Both hrd. @ 0400, assume WTSO now NSP (WH) Has been for over 6 months now--HWB
WDIA TN 2/2 S/on 0500 w/ anncr. o/ "roller Rink" mx, then SSB (RLK)
CBA NB 2/2 S/on 0459 w/ Oh Canada, then gone to WDIA s/on 0500 (RLK)
1230 WFVA VA 2/9 ET TT MX & IDs 0152-0200, some WNOR in there (DS)
1240 WTAX IL 2/2 Noted on ET w/ TT 0410, gave ID @ 0413 (RLK)
KCLV NM 2/2 RR 0213, request line numbers, ment. 24 hrs. a day (RLK)
1320 KWHN AR 2/1 W/ wx & s/off anncr. 0058-0102, good signal (ELK)
1330 WASH MD 2/2 ET TT OC 0020-0025, possible s/off ?? (ELK)
*1340 WBRE PA 2/1 In/out w/ NIS 0043-0058, got ID & wx at 0043, off at 0101 w/ SSB (DS)
*1380 WAMS DE 2/2 S/off 0001, early this week, then ET w/ 5Kw all AM (DS)
*1450 KSIG LA 2/2 S/off 0102-0103 1/2 w/ SSB, think s/on 0630 (ELK)
1460 UNID ?? 2/2 Two here w/ TT, one w/ rapid sweeps, noted WAXC s/off at 0030 u/ these. (GJF) One noted here was WRBN's f/c, & KSO is off at 0100 so not him!!---HWB
WOKO NY 2/2 Strong on ET w/ TT 0348-0352 (ELK)
1480 WSAR MA 2/2 ET 0255-0335+ w/ TT, ID at 0300 (WDF)
1490 WABJ MI 2/2 Surfaced w/ ID, TC 0129, then schmultz mx (DS)
WXIT WV 2/2 Again w/ automated RR 0240-0256; IDs as "The Rock" (DS)
WYTL WI 2/2 Think was on ET w/ TT 0128-0132, much QRM at times (ELK)
* WFAD VT 2/4 Noted w/ s/off 0009, then SSB, good clear level (HJH)
+1520 KYXI OR 2/9 In all AM after KOMA off, lite RR, NBC nx 0230 (RLK)
1530 WTTI GA 2/2 ET w/ mx 0203-0210+, uses RR mx (WH)
1550 KQWB ND 2/2 Solid on ET w/ mx 0214-0218 s/off, sez was on for 40 min. some slight classical QRM, suspect KKHI (ELK) No Doubt!!---HWB
1560 KCAA SD 2/2 S/off 0220, mo SSB--on ET/MX/TT 0226 (WH)
1570 KCLM PQ 2/2 First time here, 0135 w/ FF anncr. & RR, even w/XERF (RLK)

REPORTERZ::

BULL	Tom Bull	Washington,DC	HQ180	SM
JWB	Joe Brauner	Punxsutawney,PA	SX99/LW	A2515/loop
CB	Cliffard Barnes	Bellaire,Tx		
CRD	Conrad Durocher	Saugus,MA	NC109	LW
RjE	Russ Edmunds	HQland	HQ150/loop	HQ145/loop
GJF	Geoff Foxxxx	Lindenwood,NJ	ARB	loop
WH	Wayne Heinen	Colorado Springs,CO		
HJH	Harry Hayes	Gouldsboro,Pa	Zenith T-0	SM
Ross	Ross Hansch	Madison,WI	HQ180	Loop
ELK	Ed Kruddnejs	Middhole Hts.,Bh	HQ180	Fried
RLK	Bob Keeney	Lawrence,KS	HQ180	SM
dm				
MPO	Michael O'shea	Buffalo,NY	HA600	LW
DS	Dave Schmidt	New Castle,DE	HQ180	SM line noise
Silly	John Silliman	Girard/Hubbard,OH	Zenith T-0	
Starr	Jerry Starr	Hubbard,Oh	HQ180	Loop
HWB	me	Girard,Oh	HQ180	Loop

In case you wondered about the listing for Silly, he's moving over to Hubbard. Will be across town from Starr, on the west side. Oh well, there goes the neighborhood!!

95PEN

Later,

H.W.B.

A PREFACE TO "PRECISION FREQUENCY ANALYSIS" - RjE

Before one goes too far into the area of frequency measurement, it becomes apparent that probably a large majority of DX'ers are content to measure to the nearest kHz., or to whatever the closest readout they can get from their receivers is. For those who wish to go further, and who can make the financial commitment to do so, we present this article.

The single most important consideration, however, of this preface is to strongly caution that there are several dangerous, although unspoken implications in Ron's article. Most of these center around the idea that PFA is a short cut to DX'ing. IT IS NOT. It is an AID to DX'ing. DX'ing is, of course, HEARING a distant station, and not simply SEEING it on your scope or meter. In the years which have followed the introduction of Subaudible Heterodyne (SAH) Analysis, some dozen or so DX'ers have regularly used the technique. At present, about the same number use some form of Frequency Analysis, although perhaps half of them use a form of PFA. The caution is not to these DX'ers, but to the general reader.

PFA or its other counterparts is used to HELP identify a DX station, to ascertain that a station of an unfamiliar frequency characteristic is present and should be aurally pursued, to ascertain that an all-too-familiar station is there and may be ignored, but not to ID a station.

For most DX'ers, this should go without saying, but recently, we have encountered some problems in the area of ID'ing hets or carriers, and we at HQ felt, after reading Ron's article, that more strenuous clarification was necessary. We hope that in this way, we can forestall any such problems in this area. Thanks for your patience.

PRECISION FREQUENCY ANALYSIS FOR THE MEDIUM-WAVE DX-ER

Ronald F. Schatz

Any DX'er who has ever wasted his time relogging old catches or who has strained his patience on weak, poorly modulated carriers will appreciate precision frequency analysis. PFA can be used to identify the slightest trace of the faintest signal on the band - in far less time than it takes to wait for some elusive ID in a strange language.

But PFA goes further than the usual efforts at precision frequency measurement; if a PFM is to be reliable for future reference, then something must accompany the reading in order to account for any change in frequency between the time the measurement is taken and the time it is referenced in the course of the hobby; the statistical methods of PFA gather the necessary data to compute such a "frequency integrity figure" (FIF).

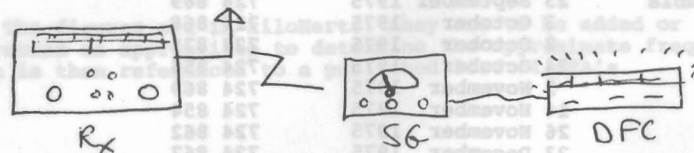
A station's exact frequency and the manner in which it changes is like a fingerprint or a signature; no two are exactly alike. A PFM-FIF combination, if compiled with sufficient accuracy, is such a fingerprint, and as long as no other station has a similar reading it may be acceptable for ID purposes and, with the cooperation of a sophisticated chief engineer, even for verification!

PFA, in its coarsest form, is the recognition that a signal on 834 kHz can only be Radio Belize, since no other station uses such an odd channel, but this is hardly "precision". Were another station to claim Belize's channel, then the reading would have to be accurate to the point that a difference would be noted in the two frequencies. To the nearest Hertz, Belize has been running steadily for a year on 834009 Hz; even if ten more stations were to occupy that channel, the chance of any one of them repeating Belize's frequency would be extremely remote. This is a radical example, however; on the average crowded channel a PFM to the Hertz is necessary in order to come up with a unique reading among the others present.

Methods of Frequency Measurement

PFA officially recognizes only two methods of accurately measuring station frequencies to the nearest Hertz; other methods are inefficient or subject to intolerable error (e.g., use of the BFO or local oscillator). One such acceptable method is indirect counter measurement (ICM), the other is called the "heteroscope" method (HSM).

1) Indirect Counter Measurement (ICM). Special instruments required are a digital frequency counter (One of Heathkit's "IB" series is recommended) and a stable signal generator. The set-up is illustrated below:



Note that there is no direct connection to the receiver; the generator signal is "broadcast" to it.

Before beginning, warm up everything for at least a half hour. Calibrate the clock of the DFC with the highest WWV frequency available (usually 15 MHz at night).

The author has noted that even the primitive IB-101 has a very stable time base that will easily restrict its deviations to within one Hertz for several hours, even at the 15-MHz level; this means only a maximum error of ± 0.07 Hz at MW frequencies, an ignorable factor if readings are only to be taken to the Hertz.

Measure the frequency in question by zero-beating the generator signal against that of the station; either steady the needle on the S-meter or form a circular lissajou on the oscilloscope. To insure accuracy, take several such readings, starting from scratch each time.

An alternative variation does not zero-beat the two signals; instead they are offset just enough to cause a very-low sub-audible heterodyne (SAH) which is then read against a watch "pulse-taking" fashion and either added or subtracted from the counter reading. Many find this method to be the easier of the two.

The average total error inherent in the ICM method is slightly over a Hertz in deviation, but the "mean" error is somewhat less than that figure.

2) Heteroscope Method (HSM). Special instruments required are an oscilloscope and a crystal calibrator. Again, warm things up, then align both the calibrator and the o'scope sweep scale against WWV.

As the reader can guess, the calibrator is used to form a heterodyne, which is then read on the scope by counting sine-wave peaks against the sweep scale. The HSM can be quite accurate, approaching that of the ICM method, but greater care is required in WWV alignment since there are more factors present for inherent error.

One definite advantage of the HSM is that it can measure the deviation limits of FM'ed signals, such as Rumbo-526; this is impossible with the ICM method. FM'ed signals may be recognized on the o'scope as a blurred sine wave, and on the counter as an inability to zero beat.

Statistical Analysis of Measurements

The frequency integrity figure (FIF) that forms an integral part of any PFA reading consists of at least four bits of data. We will use Columbia-725 to illustrate the derivation of this data:

Columbia	23 September 1975	724 869
"	3 October 1975	724 868
"	8 October 1975	724 875
"	24 October 1975	724 856
"	5 November 1975	724 869
"	14 November 1975	724 854
"	26 November 1975	724 862
"	23 December 1975	724 867

The average reading is 724 865 kHz.

The highest and lowest readings observed are 724 875 and 724 854 respectively; or +10 and -11 Hz of the mean.

The variance, or average drift, is ± 6 Hz of the mean.

This statistical data represents eight sample readings taken over a period of three months.

Putting the data together:

Station	Mean Freq.	Max.	Min.	Var.	Readings	Period
Columbia	724 865	+10	-11	± 6	8	3m

Obviously, a PFA is far more useful to the DX'er than a singular PFM, since the FIF gives an indication of what a frequency can and will do.

Referencing PFA Data

At present, few DX'ers have the necessary equipment to make good use of PFA's, let alone measure and compile such data, but we would like to describe two possible systems that are both fairly accurate as well as inexpensive.

1) Sub-Audible Heterodyne Analysis (SAHA). These are the heterodynes that oscillate your S-meter. The object is to count the complete swings of the needle over a period of time, compute the frequency, then to compare it with published PFA's. E.g., station A has a PFA of 1484 007, and that of station B is 1483 998. If your S-meter dips at the rate of 9 Hz, then stations A and B are the likely culprits.

SAHA is already a widely-used technique among trans-Atlantic DX'ers.

2) Heterodyne Pitch Analysis (HPA). Credit to Edmunds and Taylor (NJ) for first publicizing this "poor Man's frequency meter"; i.e., a guitar, piano, pitch pipe, etc. Here the object is to determine what musical note corresponds to the heterodyne in the speaker, then reference the table below:

A	.0275	.055	.110	.22	.44	.88	1.8
B ^b	.029	.058	.117	.23	.47	.93	1.9
B	.031	.062	.123	.25	.49	.99	2
C	.033	.065	.131	.26	.52	1.05	2.1
C#	.035	.069	.139	.28	.55	1.11	2.2
D	.037	.073	.147	.29	.59	1.17	2.35
E ^b	.039	.078	.156	.31	.62	1.24	2.5
E	.041	.082	.165	.33	.66	1.3	2.6
F	.044	.087	.175	.35	.70	1.4	2.8
F#	.046	.092	.185	.37	.74	1.5	3
G	.049	.098	.196	.39	.78	1.6	3.1
G#	.052	.104	.208	.42	.83	1.7	3.3
A'	.055	.110	.22	.44	.88	1.8	3.5

The figures are in kiloHertz; they are to be added or subtracted as appropriate to determine the approximate frequency, which is then referenced to a published list of PFA's.

Sequel

This article was first composed in November 1974, and finally appeared in IRCA's DX Monitor exactly a year thereafter. This version is necessarily updated.

The author recognizes the fact that PFA is a relatively technical discipline, and only a handful of DX'ers have the necessary equipment to make full use of it. Just about ANY DX'er, however, can make some use of PFA data. An S-meter and/or an alert ear are usually sufficient for SAHA; most DX'ers have both. A disc-shaped chromatic pitch pipe is available in most music stores for under a dollar, so HPA is within easy reach of any DX'er. We encourage all DX'ers to take advantage of these two PFA methods in order to better enjoy the hobby.

The following list of 30 PFA's are current as of December 1975 and will accompany reprints of this article. Future PFA's will appear on a fairly regular basis in IDXD:

PRECISION FREQUENCY ANALYSIS DATA

Current to December 1975

STATION	MEAN FREQ.	MAX.	MIN.	VAR.	#RDGS	PERIOD
Rumbo (FM'ed)	526 8..	+2..	-3	±1.	6	3m
Cucú	574 945	3	3	2	5	3m
Dominica	595 001	0	1	0	5	2m
Omega	625 052	40	19	17	8	3m
YSS	655 005	5	4	2	8	3m
Sonora	674 996	+1	-1	±1	7	3m
Columbia	724 865	10	11	6	8	3m
SRS	724 975	2	3	1	6	3m
Melodia	734 969	4	4	2	6	2½m
YSKL	765 045	1	1	1	5	3m
Uno	774 984	+4	-2	±1	7	3m
Titania	824 954	4	4	3	4	2m
Peninsula	825 034	1	0	0	5	3m
Belize	834 009	2	2	1	8	3m
Perú	854 040	1	1	0	4	3m
ZJB	884 998	+5	-3	±2	6	3m
YSQJ	904 873	1	0	0	4	2m
Juvenil	925 037	1	3	1	4	1½m
O. Popular	964 968	3	4	2	6	2½m
Atenea	975 203	1	1	1	5	2½m
Colosal	1004 962	+0	-2	±0	7	3m
Canajagua	1045 046	5	3	3	4	2m
CMJB	1059 172	3	3	2	7	3m
Artemisa	1160 909	3	4	2	5	2m
CRL	1164 989	1	0	0	4	1½m
Sonora	1187 911	+1	-1	±1	7	3m
Paradise	1264 986	0	1	0	4	1m
Plata	1294 950	5	2	2	7	3m
Siboney	1368 859	35	43	23	4	2m
Columbia	1524 510	3	2	1	5	3m

The Digidex Frequency Counter details have finally become available. Here is a brief summary. The device acts as a digital dial (frequency readout) on your own receiver. It is functionally the same concept as the Worcester MW receiver dial. The freq counter has a programmable offset to compensate for the IF frequency difference, and counts the local oscillator while displaying the received frequency. While it is possible to build your own unit, with parts costing perhaps \$100 or perhaps less (if you shop surplus houses), we'll still assume there is a potential market for such a completed unit. The basic model displays four digits (five are available for a \$15 surcharge) and readout is made to the nearest whole khz. (On freqs higher than 10,000 the one is dropped, this would have 15270 read out as 5270). The logic used is CMOS (Complementary metal-oxide silicon, a low-power successor to the TTL logic family) and the readouts are 7-segment LED (Light Emitting Diode) types. It may be used on any receiver whose VFO or HFO operates between 10 khz and 30 mhz.

To the left, a view of the unit. Features include a crystal controlled timebase and input limiter set for 1 v max. The IF offset programming and selection of up-or-down count is done manually. Case size is 50 x 125 x 200 mm. The unit is made in Finland. It is claimed to be suitable on all types of receivers, tube and transistor. It does NOT come with a power transformer, due to differing line voltages in varying parts of the world, the user supplies his own transformer capable of supplying 9 volts at 300 ma. minimum, but the instructions we have don't specify whether AC or DC is needed. Work and materials are guaranteed for six months.

The Digidex is coupled to the receiver's local oscillator via a small coupling capacitor. Instructions, parts and cable are supplied for the Trio, Kenwood and Selena brands of all-band receivers popular in Europe, but it's likely some technical assistance would be needed by many DXers in making this connection to another brand of receiver such as a Hammarlund, National etc. as is found here. The problem is that an incorrect connection to the local oscillator can pull the tuning off alignment badly causing sensitivity to drop, among other things, or even quench off the oscillator entirely. An isolation "follower" stage is an excellent idea to use here. Once the tap is made in the receiver, the offset must be programmed in, and this may be done easily enough by the user, by inserting clips in certain places on a board. Each one of the digits is programmed with a number (the complement of the IF, for 455 khz, use 10000 - 455 = 9545 so the 4 digits are programmed 9,5,4 and 5 respectively to make the counter starting that much "below" zero and so cancel out the IF difference.) Each number is programmed in Binary Coded Decimal, with each digit having 4 parallel lines representing 1,2,4 and 8. To program a nine, jumper the 1 and 8 clips, to program a five, jumper the 4 and 1 clips, and for the four, jumper the 4 clip only. Some receivers' passbands aren't exactly centered at 455, so the preset programming is adjusted accordingly. If you're not sure of the exact figure, tune in a known frequency signal and trim the preset to make the counter read exactly right. An additional option for multi-band operation (where the LO becomes below signal, instead of above it, or in case of double-conversion with a fixed first IF) is available, involving switchable diode matrix boards; the offset can be easily switched in for each band. Shipping instructions are on the next page. We emphasize - neither NRC nor this writer have tried the unit. We cannot vouch for its performance. We personally feel the price for the unit is a bit high, compared to what it would cost to duplicate the circuitry in this country (with the constructor's time not taken into account). However it is probable that these components are more expensive in Finland to begin with. If anyone does go ahead and get one of these, we hope he/she will share their experience with us in DX News. Hopefully, an American manufacturer (J.A.W.??) will market one of these at a competitive price some day as they are nice to use. In the meantime - it IS a "first" so we here at NRC are here with the info for your use.

-by Bob Foxworth

Number to be programmed:

Positions of the clips	1	2	3	4	5	6	7	8	9	0
	1	2	3	4	5	6	7	8	9	0

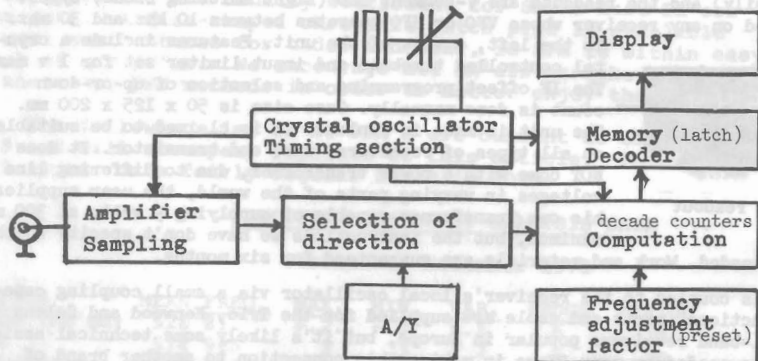
DIGIDEX FREQUENCY COUNTER:

Fig.1 The plan of DIGIDEX.

Conditions of sale

The price of the counter is US \$ 220 which includes freight and insurance. Delivery by surface mail to any country. Air surcharge on request. Digidex is insured during transportation. The customer has no risk whatever. The price of Digidex with 5-digit display is 235 US \$.

Payment can be settled in advance in one of the following ways. If necessary we will provide a Proforma Invoice.

- to our Postal Giro Account No. 898 34-8
- by International Money Order
- by cheque (payable to Erikoiskustannus Oy)
- by bank notes.

Remittances - please register all mail - can be sent in every convertible currency by using the current exchange rates. We reserve the right to adjust the price due to variations in exchange rates and general price level. Note that any local customs duties or taxes are not included. EEC/EFTA declaration will be enclosed. Digidex is manufactured in Finland.

To the following countries Digidex can be delivered on COD (Cash On Delivery, not postförskott) terms: Holland, Iceland, Austria, Luxembourg, France, Sweden, Germany (W), Switzerland, Denmark.

For further details please contact (enclose 1 IRC, 2 IRC's for Air Mail):

ERIKOISKUSTANNUS OY
P.O.Box 40
02210 Espoo 21
Finland

by Robert Veltmeijervia César Obijó

A bill, creating a federal state broadcasting organization called "Rádibras" has been submitted to the National Congress. As soon as this bill will be approved by the Chamber and the Senate, Rádibras will unite all federal radio and TV stations, 30 future MW stations and 19 transmitters in the tropical band.

These stations will not only carry government information, cultural programs but also popular music and commercial publicity, which will provide part of the necessary funds. The stations will be installed in areas where few private stations are in operation now.

As a start Rádibras will take over the following federal stations: TV Nacional de Brasília, Rádio Nacional de Brasília, Rádio Nacional do Rio de Janeiro, Rádio Mauá do Rio, Rádio Rural and Rádio MEC in Rio. The first MW stations will be installed in Manaus (540 kHz), Porto velho (560), Teré, AM (580), Boa Vista, RO (590), Rio Branco, AC (620), Coari, AM (630), Cruzeiro do Sul (640), Benjamin Constant, AM (670), Iábrea, AM (680), Uaupés, AM (690), Barcelos, AM (720), Manicoré, AM (730), Santo Antonio do Iça, AM (740), Eirunepé, AM (780), Feijó, AC (820), Caracari, AM (840), Cacaes, MT (620), Macapá, AP (630), Belém, PA (640), Ponta Pora, MT (670), Corumbá, MT (540).

Tropical band transmitters will be installed in: Boa Vista RO, Uaupés AM, Cruzeiro do Sul AC, Benjamin Constant AM, Porto velho RO, Manaus AM, Macapá AP, Santarém PA, Belém PA, Cuiabá MT, Aracaju SE, Brasília DF, Santa Maria RS, Florianópolis PI, Matto Grosso MT, Guajara Mirim RO, Rio Branco AC, Natal PB, Mamanguape PB.

Initials stand for states as: AC : Acre, AM : Amazonas, MT : Matto Grosso, PA : Pará, RO : Rondonia, RO : Roraima, SE : Sergipe, DF : Distrito Federal, PB : Pernambuco,

Rádio Mesrim in Caxias in the interior of Maranhao State suddenly went off the air some days ago when a group of personal enemies of the owner of the station invaded the studio, beat up the speaker and silenced the tx-equipment with gun-bullets. The reason for this noisy sign-off seems to be the reading on the air of an anonymous letter received by "someone" from "somebody else" in town. The station has been the scene of family riots several times before.

(from news-reel Rádio TV Bandeirantes)

Attached a list of future frequencies for Brazilian MW stations in the state of Minas Gerais. Preliminary lists have been prepared for Northern and North-Eastern States, Rio de Janeiro and Espírito Santo states, Sao Paulo area, Matto Grosso, Distrito Federal, Goias and the state of Santa Catarina. I still have to prepare lists of Sao Paulo state, Paraná and Rio Grande do Sul. These frequency changes didn't take place yet.

1090	50	1090	1	1090	1	1090
1090	10	780	1	1090	1	1090
1090	8	1090	1	1090	1	1090
1090	1	1090	1	1090	1	1090
1090	10	1090	1	1090	1	1090
1100	100	1100	1	1100	1	1100
1110	1	1110	1	1110	1	1110

Max. Power	New Freq.	Permitted Freq.	Station name,	location,	state
				Niteroi, Rio de Janeiro	
540					
560	5	560	R. Jornal de Itabuna, Itabuna, Bahia		
580	5	570	R. Eldorado, Criciuna, Santa Catarina		
580	5	550	R. Cataguases, Cataguases, Minas Gerais		
560	10	560	Educadora Maranhao, Sao Luis, Maranhao		
580	20	580	R. Reporter, Recife, Pernambuco		
580	5	590	R. Atlantica, Santos, Sao Paulo		
590	5	570	R. Pampulha, Belo Horizonte, Minas Gerais		
590	10	580	R. Relogio, Rio de Janeiro, Rio de Janeiro		
590	1	970	R. Araguaia, Brusque, Santa Catarina		
590	20	590	R. Cruzeiro, Salvador, Bahia		
590	1	590	R. Patrocinio, Patrocinio, Minas Gerais		
590	10	590	Dif. Roraima, Poa Vista, Roraima		
620	50	620	R. Panamericana, Sao Paulo		
620	10	620	R. Asuncao, Fortaleza, Ceara		
630	10	630	R. Bem Jesus, Curitiba, Mato Grosso		
630	5	650	R. Alto Piranhos, Cajazeiras, Paraiba		
630	10	630	Dif. Sergipe, Aracaju, Sergipe		
630	5	620	R. Mirador, Rio do Sul, Santa Catarina		
630	10	610	Nova Lisboa, Minas Gerais		
630	1	630	Dif. Uberaba, Uberaba, Minas Gerais		
640	50	800	R. Educadora, Brasilia, Distrito Federal (planned 600 kW for night service)		
640	10	640	R. Cabugi, Natal, Rio Grande do Norte		
670	50	780	R. Excelsior, Sao Paulo		
670	10	670	R. Cultura, Aracaju, Sergipe		
680	10	680	Dif. Maranhao, Sao Paulo, Maranhao		
680	5	660	Dif. Limoeira, Limoeira, Pernambuco		
680	10	680	R. Copacabana, Sao Conzalo, Rio de Janeiro		
680	0.25	1450	Dif. Ouro Fino, Ouro Fino, Minas Gerais		
680	0.25	1480	Dif. Campanha, Campanha, Minas Gerais		
630	5	550	R. Sociedade, Montes Claros, Minas Gerais		
690	10	690	R. Dragao do Mar, Fortaleza, Ceara		
690	5	710	R. Palmeira, Maceio, Alagoas		
690	5	690	R. Clube, Lages, Santa Catarina		
690	10	690	R. Mineira, Belo Horizonte, Minas Gerais		
700	50	700	R. Eldorado, Sao Paulo		
720	5	760	R. Cultura, Belo Horizonte, Minas Gerais		
720	100	720	R. Clube Pernambuco, Recife		
720	10	720	Carioca, Rio de Janeiro		
730	5	730	Dif. Juiz de Fora, Juiz de Fora, Minas Gerais		
730	5	640	P. Vitoria, Vila Velha (Vitoria), Espirito Santo		
730	1	730	R. Tuba, Tubaro, Santa Catarina		
730	5	690	R. Cultura, Ilheus, Bahia		
730	10	1260	R. Mulher, Sao Paulo		
730	10	730	Ed. Rural, Voz de Sao Francisco, Petrolina, Pernambuco		
740	100	740	R. Soc. Bahia, Salvador, Bahia		
740	5	730	R. Santos Dumont, Jundiai, Sao Paulo		
780	1	790	Sociedade Ponte Nova, Ponte Nova		
780	1	780	Educadora Uberlandia, Uberlandia, Minas Gerais		
780	1	780	Difusora Urussanga, Santa Catarina		
780	1	1060	Imperial, Petropolis, Rio de Janeiro		
780	50	780	Jornal de Comercio, Recife, Pernambuco		
780	1	1120	R. Clube, Sao Jose dos Campos, Sao Paulo		
800	100	800	MEC, Rio de Janeiro		
820	0.25	1450	R. Aimores, Aimores, Minas Gerais		
820	1	820	R. Barbacena, Barbacena, Minas Gerais		
820	1	820	R. Dif. Paraense, Sao Sebastiao do Paraense, Minas Gerais		
820	1	850	R. Tupaciguare, Tupaciguare, Minas Gerais		
820	1	820	Princesa do Atlantico, Macae, Rio de Janeiro		
820	1	760	R. Nereu Ramos, Blumenau, Santa Catarina		
820	5	820	R. Universidade, Recife, Pernambuco		
820	1	820	R. Universal, Santos, Sao Paulo		
840	1	850	R. Por um Mundo Melhor, Governador Valadares, Minas Gerais		
840	5	840	R. Rural, Concordia, Santa Catarina		
840	25	840	R. Excelsior, Salvador, Bahia		
840	1	830	R. Ed. Rural, Caico, Rio Grande		
840	50	840	R. Bandeirantes, Sao Paulo		
860	100	860	R. Mundial, Rio de Janeiro		
880	100	880	R. Inconfidencia, Belo Horizonte, Minas Gerais		
890	1	890	R. Emis. Santa Catarina, Florianopolis, Santa Catarina		
890	20	890	R. Tamandaré, Recife, Pernambuco		
890	10	890	R. Gazeta, Sao Paulo		
890	50	890	R. Planalto, Brasilia, D.F.		
900	25	900	R. Tamoi, Rio de Janeiro		
900	10	900	R. Nordeste, Natal, Rio Grande do Norte		
930	5	930	R. Araguari, Araguari, Minas Gerais		
930	10	930	R. Liberdade, Aracaju, Sergipe		
940	100	940	R. Jornal do Brasil, Rio de Janeiro		
960	10	950	R. Atalaia, Belo Horizonte, Minas Gerais		
960	10	960	Dif. Alagoas, Maceio, Alagoas		
960	50	960	R. Dif. Sao Paulo, Sao Paulo		
970	1	970	R. Sociedade, Caratinga, Minas Gerais		
970	1	970	R. Sao Joao del Rei, Sao Joao del Rei, Minas Gerais		
970	10	970	Feira de Santana, Bahia		
970	1	1080	R. Iracema, Ananguera, Ceara		
970	1	950	R. Educ. do N. E., Sobral, Ceara		
980	100	980	R. Nacional, Rio de Janeiro		
1000	100	1000	R. Record, Sao Paulo		
1010	5	1010	R. Sociedade de Juiz de Fora, Minas Gerais		
1010	5	740	R. Diario de Manha, Florianopolis, Santa Catarina		
1010	1	1020	R. Clube, Rio Largo, Alagoas		
1010	10	1010	R. Bahia, Salvador, Bahia		
1030	25	1030	Continental, Rio de Janeiro		
1030	1	1090	R. Tabajara, Tubaro, Santa Catarina		
1030	10	1030	R. Olinda, Olinda, Pernambuco		
1030	5	1020	R. Soc. Ed. Cariri, Crato, Ceara		
1040	100	1040	R. Tupi, Sao Paulo		
1060	20	630	Metropolitana, Rio de Janeiro		
1080	5	770	R. Clube, Patos de Minas, Minas Gerais		
1080	1	990	R. Teofilo Otoni, Teofilo Otoni, Minas Gerais		
1080	5	660	Sociedade de Nova Friburgo, Nova Friburgo, Rio de Janeiro		
1080	1	1160	R. Colmeia, Porto Uniao, Santa Catarina		
1080	5	1080	Difusora Caruaru, Caruaru, Pernambuco		
1080	10	1080	R. Guareja, Belem, Para		
1080	5	990	Ed. Rural, Mossoro, Rio Grande do Sul		
1080	50	1080	R. Independencia, Brasilia, D.F.		
1090	5	1080	R. Industrial, Juiz de Fora, Minas Gerais		
1090	10	760	R. Federal, Niteroi, Rio de Janeiro		
1090	5	1090	R. Colon, Joinville, Santa Catarina		
1090	1	1060	R. Clube, Vitoria de Conquista, Bahia		
1090	10	1090	Ed. Rural, Natal, Rio Grande do Sul		
1100	100	1100	R. Nacional, Sao Paulo		
1110	1	1110	R. Planalto, Araguari, Minas Gerais		

1110	0,25	1450	R. Brazópolis, Brazópolis, Minas Gerais
1110	1	1110	R. Orilandia, Nova Lima, Minas Gerais
1110			Chapeco, Santa Catarina
1110	1	1110	R. Anita Garibaldi, Florianópolis, Santa Catarina
1110	20	1110	R. Tabajara, Joao Pessoa, Paraíba
1120	20	1140	R. Cultura, Salvador, Bahia
1120	1	1120	R. Tupinamba, Sobral, Ceará
1130	100	1130	R. Maua, Rio de Janeiro
1130	1	1160	R. Vale do Itajai, Santa Catarina
1130	5	1130	R. Princesa d'Oeste, Xanxere, Santa Catarina
1130	5	1120	R. Paulista, Paulista, Pernambuco
1130	10	770	R. Atalaia, Aracaju, Sergipe
1130	10	1130	R. Mare Joara, Belém, Amapa
1130	5	1060	R. Tapuió, Mossoró, Rio Grande do Sul
1130	10	1300	R. Jornal de Sao Paulo, Sao Paulo
1130	50	1210	R. Alvorada, Brasilia, D.F.
1160	0,25	1510	R. Ouro Fino, Ouro Fino, Minas Gerais
1160	20	1160	R. Espiritu Santo, Vitoria, Espiritu Santo
1160	1	1160	R. Cariri, Campina Grande, Paraíba
1160	10	1150	R. Pioneira, Teresina, Piaui
1160	5	660	R. Tribuna, Santos, Sao Paulo
1160	10	1160	Voz d'Oeste, Cuiabá, Matto Grosso
1170	5	1170	Dif. Mossoró, Mossoró, Rio Grande do Sul
1180	200	1220	R. Globo, Rio de Janeiro
1200	5	1030	R. Princesa, Lages, Santa Catarina
1200	10	1200	Ceará R. Clube, Fortaleza, Ceará
1210	5	1210	R. Cachoeira de Itapemirim, Espiritu Santo
1210	1	1210	R. Clube de Verginha, Verginha, Minas Gerais
1210	1	1210	Dif. Garanhuns, Garanhuns, Pernambuco
1210	5	1210	R. Carioca, Feira de Santana, Bahia
1210	50	980	R. Nacional, Brasilia, D.F. (600 kW for night service)
1220	50	1180	R. Eldorado, Rio de Janeiro
1240	1	1370	R. Sociedade de Ubatuba, Ubatuba, Minas Gerais
1240	5	1250	R. Cultura, Joinville, Santa Catarina
1240	5	1240	R. Capitaribe, Recife, Pernambuco
1240	1	1240	Dif. Alagoinhas, Alagoinhas, Bahia
1240	5	1230	Dif. Amazonas, Manaus, Amazonas
1250	1	1250	Dif. Formiga, Formiga, Minas Gerais
1250	1	1240	R. Platina, Ituiutaba, Minas Gerais
1250	1	1070	Dif. Colatina, Colatina, Espiritu Santo
1250	1	1250	R. Soc. do Oeste Catarinense, Itapiranga, Santa Catarina
1250	1	1270	R. Geribaldi, Laguna, Santa Catarina
1250	5	1250	R. Esperanza, Estancia, Sergipe
1250	0,25	1450	R. Bahiana de Juiú, Bahia
1250	10	1190	R. Juazeiro, Juazeiro, Bahia
1250	1	1250	Educ. Rural, Coari, Amazonas
1250		1450	Rondópolis, Matto Grosso
1250	1	1250	Dif. Tres Lagoas, Tres Lagoas, Matto Grosso
1260	10	1260	Gazeta de Alagoas, Maceió, Alagoas
1260	5	1260	R. Educadora, Guajará Mirim, Rondonia
1260	1	1260	Vale do Jaguaribe, Limoeiro do Norte, Ceará
1260	10	580	R. Ed. Rural, Campo Grande, Matto Grosso
1270	5	1270	R. Carijos, Conselheiro Lafayette, Minas Gerais
1270	1	1080	R. Clube de Indaial, Santa Catarina
1270	1	880	Em. Rio Sao Francisco, Arapiraca, Alagoas
1270	5	1380	R. Dif. Paritins, Paritins, Amazonas
1270	1	1270	Educ. Rural, Tefé, Amazonas
1270	10	1270	R. Poty, Natal, Rio Grande do Norte
1280	100	1280	R. Tupi, Rio de Janeiro

1300	50	1200	R. Cultura, Sao Paulo
1300	20	1150	R. Tiradentes, Belo Horizonte, Minas Gerais
1300	1	1300	R. Cancela, Ituiutaba, Minas Gerais
1300	5	1260	R. Blumenau, Blumenau, Santa Catarina
1300	10	1230	R. Correio de Paraíba, Joao Pessoa, Paraíba
1300	10	1300	R. Iracema, Fortaleza, Ceará
1300	5	1300	R. Cultura, Cuiabá, Matto Grosso
1320	1	1370	Dif. Machado, Machado, Minas Gerais
1320	25	1090	R. Rio de Janeiro, Rio de Janeiro
1320	1	1320	R. Helval d'Oeste, Helval d'Oeste, Santa Catarina
1320	1	1320	R. Progresso, Maceió, Alagoas
1320	1	1370	R. Piratininga, Sao José dos Campos, Sao Paulo
1330	1	1060	R. Itajubá, Itajubá, Minas Gerais
1330	0,25	1470	R. Jornal Fluminense, Campos, Rio de Janeiro
1330	5	1330	R. Clube de Blumenau, Blumenau, Santa Catarina
1330	5	1330	Serrinha, Bahia
1330	25	1330	R. Dif. Liberal, Belém, Pará
1330	1	1500	R. Cacique, Santos, Sao Paulo
1330	1	1340	Difusora Aquiduanã, Aquiduanã, Matto Grosso
1340	5	1340	R. Guarani, Belo Horizonte, Minas Gerais
1340	5	1330	R. Soc. Oeste Catarinense, Chapeco, Santa Catarina
1340	1	1210	R. Santa Catarina, Tubarao, Santa Catarina
1340	10	1340	R. Arapuan, Joao Pessoa, Paraíba
1340	10	1340	R. Gurupi, Sao Luis, Maranhão
1340	1	1340	R. Educadora, Crato, Ceará
1350	5	1080	R. Educadora, Coronel Fabriciano, Minas Gerais
1350	5	1350	R. Cultura, Poços de Caldas, Minas Gerais
1350	1	1410	Tupaciguara, Minas Gerais
1350	1	1460	Dif. Mimosa do Sul, Rio de Janeiro
1350	1	1350	R. Estadual, Canoinhas, Santa Catarina
1350	1	1350	R. Borborema, Campina Grande, Paraíba
1350	5	1370	Dif. Sul Bahiana, Itabuna, Bahia
1350	5	1350	Ed. Sao José, Macapá, Amapá
1350	5	1350	Rio Branco, Acre
1350	5	1310	R. Progresso, Juazeiro do Norte, Ceará
1350	5	1340	R. Metropolitana, Mogi das Cruzes, Sao Paulo
1330	1	1140	Dif. Cacique de Sao Caetano do Sul, Sao Paulo
1360	10	1360	R. Uirapuru, Fortaleza, Ceará
1370	5	1050	R. Capixaba, Vitoria, Espiritu Santo
1370	1	1350	R. Vale do Itajai, Itajai, Santa Catarina
1370	1	1370	R. Colmeia, Sao Miguel d'Oeste, Santa Catarina
1370	10	1380	R. Continental, Recife, Pernambuco
1370	1	1370	Difusora Teresina, Teresina, Piaui
1370	5	680	R. Cultura, Campo Grande, Matto Grosso
1390	10	1390	R. Jornal de Minas, Contagem, Minas Gerais
1390	5	1420	R. Itituruna, Governador Valadares, Minas Gerais
1390	0,25	1530	R. Progresso, Monte Santos de Minas, Minas Gerais
1390	1	1290	Paracatá, Minas Gerais
1390	1	1390	Soc. Triangulo Mineiro, Uberaba, Minas Gerais
1390	5	1390	R. Sul Fluminense, Barra Mansa, Rio de Janeiro
1360	25	1360	R. Guansbara, Rio de Janeiro
1390	1	1390	R. Diario da Manha, Lages, Santa Catarina
1390		1470	Sao José, Santa Catarina
1390	1	1390	Dif. Pescueira, Pesqueira, Pernambuco
1390	0,25	1450	Jornal de Itapatinga, Bahia
1400	5	1250	Difusora Pocos de Caldas, Minas Gerais
1400	25	1400	Rocquete Pinto, Rio de Janeiro
1400	1	1400	R. Rural, Rio do Sul, Santa Catarina
1400		1450	Sao José de Cedro, Santa Catarina
1410	10	1180	R. Ribamar, Sao Luis, Maranhão
1410	10	1410	R. Verdes Mares, Fortaleza, Ceará

January, 1976

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- L19 MEDIUM WAVE STATIONS IN ITALY, D. Monferini. (1975)
- F19 A DXPEDITION TO COLOMBIA AND PANAMA, C. Objio. Account of a DXpedition through parts of these two countries.
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1450	10	1420	R. Glube, Belém, Pará
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1460	5	740	R. Clube, Dourados, Mato Grosso
1470	1	1140	R. Sociedade, Muriaé, Minas Gerais
1470	1	1210	Difusora Uberlândia, Uberlândia, Minas Gerais
1470	1	1050	R. Cultura Angrense, Angra de Reis, Rio de Janeiro
1470	5	1390	Difusora Cariacica, Cariacica, Espírito Santo
1470	0.25	1460	R. Glube, Gaspar, Santa Catarina
1470	1	1470	Em. São José, Mafra, Santa Catarina
1470	5	1400	R. Espinharas, Patos, Paraíba
1470	5	1360	Educadora Rural, Santarém, Pará
1470	1	1210	R. Educadora Parnaíba, Piauí
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1470	10	1290	Salvador, Bahia
1480	1	1480	Dif. Sociedade, Frutal, Minas Gerais
1480	5	1320	Difusora Petropolis, Petropolis, Rio de Janeiro
1480		1480	Imarui, Santa Catarina
1480	5	1290	Ri Rio Mar, Manaus, Amazonas
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1470	5	910	R. Liberdade, Caruaru, Pernambuco
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1490	1	1490	R. Glube, Santo André, São Paulo
1490	1	1360	Difusora Corumbá, Corumbá, Mato Grosso
1490	1	1490	R. Cultura, Xaxim, Santa Catarina
1510	1	1510	R. Clube, Curvelo, Minas Gerais
1510	0.25	1510	Difusora Ubirá, Ubirá, Minas Gerais
1510	1	1510	R. Cultura, João Moutlevede, Minas Gerais
1510	1	1470	R. Clube, Três Pontes, Minas Gerais
1510	1	1510	R. Teresopolis, Teresopolis, Rio de Janeiro
1510	1	1510	R. Jaraguá do Sul, Santa Catarina
1510	1	1510	R. Dif. Santa Catarina, Lages, Santa Catarina
1510	5	1430	R. Clube, Santarém, Pará
1510	1	1510	Difusora, Floriano, Piauí
1510	1	1510	R. Iracema, Iguatú, Ceará
1510	5	1240	Difusora, Campo Grande, Mato Grosso
1510	1	1510	Paranaíba, Mato Grosso
1520	1	1520	R. Correio da Serra, Barbacena, Minas Gerais
1520	0.25	1520	R. Cultura da Cássia, Cássia, Minas Gerais
1520	1	1520	R. Clube, Itauna, Minas Gerais
1520	1	1520	R. São Lourenço, São Lourenço, Minas Gerais
1520	1	1520	Uberlândia, Minas Gerais
1520	1	1510	Educadora Goitaca, Campos, Rio de Janeiro
1520	1	1480	Solimaes, Nova Iguaçu, Rio de Janeiro
1520	0.25	1530	Agulhas Negras, Rosendo, Rio de Janeiro
1520	1	1520	R. Dif., Imituba, Santa Catarina
1520	1	1500	Peju de Educ. Popular, Afogados da Ingazeira, Pernambuco
1520	0.25	1520	Surubim, Pernambuco
1520	1	1520	Iracema, Maranguape, Ceará
1520	1	1520	Marabá, Mogi das Cruzes, São Paulo
1530	1	1530	R. Cultura, Dorcas de Indaí, Minas Gerais
1530	0.25	1530	Soc. Radio Oliveira, Oliveira, Minas Gerais
1530	1	1510	R. Sociedade, Passos, Minas Gerais
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1530	1	1530	Difusora, São Joaquim, Santa Catarina
1530	1	1530	Bituri, Belo Jardim, Pernambuco
1530	5	870	R. Clube, Itabuna, Bahia
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1530	1	1530	R. Independência, São Bernardo do Campo, São Paulo
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1540	1	1540	R. Clube, Conselheiro Lafayette, Minas Gerais
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1540	1	1580	R. Clube, Passa Quatro, Minas Gerais
1540	1	1540	R. Clube, Três Corações, Minas Gerais
1540	1	1540	R. Três Rios, Três Rios, Rio de Janeiro
1540	0.25	1540	Agrotecnica, A Voz de Lavoura, Santa Teresa, Espírito Santo
1540	1	1540	R. Clube, Capinzal, Santa Catarina
1540	0.25	1540	R. Cruz de Malta, Leuro Mueller, Santa Catarina
1540	5	1070	R. Cajazeiras, Cajazeiras, Paraíba
1540	1	1540	Valença, Bahia
1540	1	1340	Difusora, Itaguatiara, Amazonas
1550	0.25	1550	Dif. Carmo do Rio Claro, Carmo do Rio Claro, Minas Gerais
1550	1	1550	R. Cultura, Divinópolis, Minas Gerais
1550	0.25	1550	R. Cultura, Monte Carmelo, Minas Gerais
1550	0.25	1550	Difusora, Santa Rita do Sapucaí, Minas Gerais
1550	1	1550	Campista Afonsiana, Campos, Rio de Janeiro

1540	1	1510	Sete Colinas, Uberabe, Minas Gerais
1550	1	1520	R. Clube, Sao Joao de Meriti, Rio de Janeiro
1550	1	1550	R. Ararangué, Ararangué, Santa Catarina
1550	1	1520	R. Cacanjuré, Caçador, Santa Catarina
1550	1	1550	R. Clube, Sao Joao Batista, Santa Catarina
1550	1	1550	R. Guarujá, Guarujá, Sao Paulo
1550	1	1550	R. Regional, Bahia
1560	1	1560	R. Cultura, Itabirita, Minas Gerais
1560	1	1560	R. Cultura d'Oeste, Lavras, Minas Gerais
1560	1	1560	R. Leopoldina, Leopoldina, Minas Gerais
1560	1	1560	Sociedade, Manhuaçu, Minas Gerais
1560	1	1560	Siderurgica Nacional, Volta Redonda, Rio de Janeiro
1560	0.25	1560	R. Dif., Sao Francisco do Sul, Santa Catarina
1560	5	750	Cultura do N. E., Caruarú, Pernambuco
1560	0.25	1560	Educadora, Santo Amaro, Bahia
1560	0.25	1560	Presidente Wenceslau, Ponte Pora, Matto Grosso
1570	1	1430	R. Clube, Guaxupé, Minas Gerais
1570	0.25	1570	Difusora Itapecerica, Itapecerica, Minas Gerais
1570	1	1570	R. Cultura, Uberlandia, Minas Gerais
1570	1	1570	R. Clube, Valença, Rio de Janeiro
1570	0.25	1570	R. Cultura, Bem Jesus de Itabepaana, Rio de Janeiro
1570	1	1570	Radio Dif., Rio Negrinho, Santa Catarina
1570	1	1570	R. Videira, Videira, Santa Catarina
1570	10	1190	Treiri, Natal, Rio Grande do Norte
1570	5	870	R. Jundiense, Jundisi, Sao Paulo
1580	0.25	1580	R. Clube, Campo Belo, Minas Gerais
1580	0.25	1530	A Voz de Manhumirim, Minas Gerais
1580	1	1580	R. Caué, Pedro Leopoldo, Minas Gerais
1580	0.25	1580	R. Clube, Rio Paranaíba, Minas Gerais
1580	0.25	1580	R. Cultura, Santos Dumont, Minas Gerais
1580	1	1580	Conceição de Macabú, Rio de Janeiro
1580	1	1490	Difusora, Rio Bonito, Rio de Janeiro
1580	1	1580	R. Alvorada, Blumenau, Santa Catarina
1580	1	1580	Maravilha, Santa Catarina
1580	1	950	Planalto, Carpina, Pernambuco
1580	1	1580	Em. Radio Vox, Muritiba, Bahia
1590	1	1590	R. Congonhas, Congonhas, Minas Gerais
1590	0.25	1590	R. Clube, Fronteira, Minas Gerais
1590	0.25	1590	R. Clube, Nepomuceno, Minas Gerais
1590	1	1550	R. Cultura, Visconde do Rio Branco, Minas Gerais
1590	0.25	1590	Difusora, Duque de Caxias, Rio de Janeiro
1590	5	1420	Jornal de Ilheu, Ilheus, Bahia
1590	1	1570	Em. A B C, Santo André, Sao Paulo
1600	1	1570	R. Cultura, Alfenas, Minas Gerais
1600	1	1470	R. Difusora, Ituiutaba, Minas Gerais
1600	0.25	1480	Lagoa Formosa, Minas Gerais
1600	0.25	1580	Montanhosa, Vicoso, Minas Gerais
1600	0.25	1470	Dif. Vele de Paraíba, Barra de Pirisi, Rio de Janeiro

Since November 27 Radio Novo Mundo de Sao Paulo has been heard testing on the frequency 930 KHZ. Tests are being carried out during daytime and at night. IDE mentioned: "Radio Novo Mundo transmitindo em Ondas Médias na frecuencia de 930 KHZ de Sao Paulo em fase experimental". Programs consist of popular international and Brazilian music, IDE and slogans as "o som brasileiro de Sao Paulo" or "a Mensagem da renovação do Brasil". If a permanent transmitting license should be issued in time, the stations will be inaugurated on January 25 next year and will broadcast "popular music, newscast, and independent editorials. No power output has been mentioned so far. QTH of the station is: Rua Consolação 2570, Sao Paulo, Brasil. Leading personnel are: Dr. Carlo Barbieri Filho, director Presidente (a well-known lawyer and economist in Sao Paulo and president of the World Anti-Communist League)

WOHN

RADIO 1440

P.O. BOX 666
HERNDON VIRGINIA 22070
(703) 437-8620 - 471-7676

January 2, 1976

Mr. Kelly Andrews
819 Tipperary Drive
Greensboro, NC 27406

Dear Mr. Andrews:

This is in response to your reception report dated December 28, 1975. We have checked our logs and with the operator on the air at the time of your reception and have found that it indeed was WOHN that you heard. We therefore are happy to acknowledge your reception report as it is quite accurate. We were testing one of our audio processing units on the air at the time as it was giving us some trouble the day before. Only a couple of level adjustments were necessary so that explains the rather short test period.

We are in a state of limbo right now as the station has been sold to a new owner and at the time of this writing the final settlement has not been made, so we do not have a regular testing schedule except for our monthly frequency check which is performed on the second Monday of each month between Midnight and 1:00 AM, USUALLY, that is! I don't want to promise that, but that would be the most likely time to catch us, as any of our other tests are performed on an irregular basis. This will change when the new ownership takes over. Hopefully then we can announce to the DX clubs, etc., our regular testing schedule, but that will take a few months yet.

For general information, we operate on 1440 KHz with a daytime power of 1000 watts and a PSA power of 500 watts, both directional in what is essentially a cardioid pattern to the west. We are daytime only right now, but the new owners plan to apply for nighttime operation under the new relaxed FCC rules.

WOHN**RADIO 1440**P.O. BOX 888
HERNDON VIRGINIA 22070
(703) 437-6620 - 471-7678

We operate a Gates BC-1G transmitter into a Gates matching phasor unit into our three $\frac{1}{4}$ wave towers. For whatever that may be worth to you.

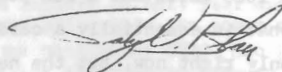
Our programming is Top-40 rock, with live jocks. WOHN has had a record in the past two years or so of producing many fine on the air personnel, obviously nothing fantastic but many of our jocks have found work at other large stations, WPGG, WEAM, WLPL, WRC (when they were rock), and others. We service the suburban area of Northern Virginia west of Washington, D.C.

Unfortunately, in the past WOHN also has been known to be rather lax on verifying reception reports and cooperating with DX'ers. This disturbs us, and myself as I am also a DX'er from time to time, and we plan on making efforts in the future to better our relationships with the DX organizations and the individual DX'er. Perhaps we could sometime be considered a good catch, and always a friendly one.

I hope this letter has been of interest to you and has possibly spurred you into hunting for us again in the future. Sometime after the new ownership takes over here we are scheduled to get new transmitting and audio equipment which we will be testing on the air quite extensively, so maybe you could keep an ear open for that. I have no way of specifying a time for these tests yet, so perhaps you could write us again in the near future and hopefully we could give you more details.

Thank you again for your interest and again I hope this letter is sufficient verification as we do not have verification cards at this time. Obviously it is NOT such a long way to Tipperary after all!

Very truly yours,



Gary W. Blau, Engineering
P1-24-10793

musings of the members

editor: Ernest R. Cooper

31

5 Anthony St.

Provincetown, MA. 02657

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

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

I loved the way WQBX blasted WOR's signal here. Compliments to those who put out the new Pattern Book. The improvements are: larger binder that doesn't wrinkle the pages, drawing in of the ND coverages, including Mexican (I bet if RFS could steal the Cuban patterns they would show a lot of the U.S. covered). WLYV-1450, Ind. was off the air during the early AM & early evening of 1/25 so I took a log on WBNS O. & WKAM Ind., both on 1460. I wasn't home during the daytime so I couldn't log WPGW-1440. Last week brought two new states verified, KFGO N.D. on r/c & WBT N.C. after months (still no WPTF nor WFRC veries). WDXN had a hard time while XEWA was on, until the XE's apparent s/off @ 2:30. WDXN-540-TEST leaves only 800k on which to hear a U.S. station. Local WGOM-860 on TEST was about normal strength - fair. 1/26, I had r/c's of KLEO-1480, WCCR-1580 (unn) WLDY-1340 (off @ 1:40). ET@ WBKG-1560 O. (what's the address?) & u/WFBL & a c/w was a lk TT announced as ET - I couldn't catch the call; KAMO is a possibility. WREN-1250 Kans. is becoming regular w/WTAE usually testing. I haven't heard WEMP Wis. lately.

HARRY HELMS - 115 West LeRoy Street - Fort Mill, South Carolina - 29715

DX has been super dull of late, with no low band TA openings since early Nov. & only the same tired old high-band stuff. The big addition here has been an Allied/Radio Shack SX190 SW RX, thanks to NASWA Frendx bulletin. It doesn't cover the BCB, alas, but it outperforms my HQ-180 on SW - in other words, it is very very good, & has a lk readout to boot. Also via the Jan. issue of Frendx, Turks & Caicos Islands may have a BCB outlet on 1550. No mention of power or sked, but presumably it is // to their 4788k SW outlet, which has been active till 7pm EST. It has also been reported active around 6:30am. The Turks & Caicos Is. are located between the Bahamas & the Dominican Republic, & should be quite possible if they have sufficient power. Of course, there's no assurance they're on, hi, although I have heard their 4788 gw outlet. RFS? Most welcome verie recently is Istanbul-1016, along with pennant and a Turkish flag (!). Other veries: KNUJ-860-TEST, Deutschlandfunk-1538 & pennant, v/l WRAM-1330-TEST & tourist folder. Nice-1554 was re-reported to get Telediffusion de France's beautiful new v/q. Did any WC members hear any TAs in Oct. & Nov.? The way the signals were here on the EC, I'm surprised that no one further W has reported reception. I'm glad to finally see some comment appear in DX NEWS concerning some of the more questionable loggings reported this season. But, as RFS said, most members eventually wind up blowing one sometime. I'm no exception, hi. 73 & hopefully better DX before Summer arrives.

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

Well, just as I was beginning to think CX were improving, We were hit w/a messy Aurora, hi. Little DX since first week of the month. WESB-1490 tentative on r/c, if that's what it was. 1/15, 12:16, w/TT, u/slop. Finallym CIG0-1410 made an appearance - their pattern is definitely in trouble. On top local-like w/sub-zero WX (before it hit N.Y.C., hi) & c/w, clear o/KQV & a non-existent WPOP. This, 12:31am, 1/22. On top again 1/27, 1:21, superstrong, killing all competition. I tried all other needed stations up that way w/no results. TT-1420 12:35 1/22, lost u/WHK. WBRE-1340 on top w/NNIS, o/WENT, MoR, 12:40. SS above 550 mess assumed to be unn YV pest. Day stuff tried 1/22 but no skip, so only WGNQ/WHYN/WTAG/WHP heard in the pre-600 area of the band, all surprisingly strong w/good groundwave. Someone on 540 w/apparent s/off 1:02, mentions of "viente y cinco kilopilos" // & so-&-so kilowatios. Who's this? TT u/WTIC @ 1:16. Thazzit. 738.

32
 BRETT L. HANAVAN - 845 First Avenue - Chula Vista, California - 92011
 I've been a member for over a year now so I guess a re-intro is in order. I'm 14 years old, have been DXing since late 1973. My first catch, other than locals, was KBOI-670, which I picked up on my clock radio. It was so amazing I explored the dial some more & picked up KOMO-1000, KTWO-1030, KSWB-1020 (now KBCQ). My first real DX RX was a Sears Com/Trek-9 portable. From the Com/Trek I've stepped up to an HQ-180C & SPR-4 for SW. I started out w/a 50' LW. I now use a Sanserino loop & a 100' LW. The phono cable from the Sanserino Loop to the HQ-180 went out, or shall I say came un-soldered on the morn of 1/2. It took three weeks to find out what the problem was. The LW was used during the three weeks, so not many new stations were heard. 1/12- KOH-630 3:11am w/NBC NIS. 1/14- KBIY-730, 8:03pm. w/rr, into s/off @ 8:05. 1/22- WWWE-1100, 12:42am, finally logged. This one is tough in San Diego or So. Cal. due to XEPRS' slop. KAVR-960, 7:41pm, w/Kaleidoscope of Country Music program, o/u KOOL/KNEZ. 1/25- WDXN-540, 2:47am, on TEST w/a lot of IDs, TT, & c/w. No go on this until XEWA went off @ 2:30. WTMJ-620, 3:26am w/WX, into MoR-1sh mx, Wis. #1, state #39. Totals are now 524 heard in 39 states & 19 countries. Dome midday DX was done Sat. 1/24. Noted were KFBK-1530, KTAR-620, KDOWN-720, a possible KOB-770, KGO-810, KNKS-620 & KMJ-580. That's about it for now. 73s.

CHARLES A. WOLFF - 4911 Proctor Road - Castro Valley, California - 94546
 A great big Bay Area Radio Freaks welcome to DAN MYERS who may be moving to this area soon. I talked to him on the phone 1/11 in Concord. Boyd & all may rest assured we'll treat him well; maybe even show a little respect! The 1976 IRCA Convention will be in San Francisco - it's official now. All CGB DXers, regardless of club, are welcome; write to me if you want info. BARF will also be having a DXGT on 3/27-28. Both meetings will be at Don Kaskey's Raphael in San Francisco. DX has been slow here, but is picking up as I get involved in a contest set up by Wayne Murphy, Neil Dickerson & a couple others. OAX4U, Lima, & XEHL Guadalajara have been logged in an effort to "clean up" 1010 before KIQI gets approved for 10kw NSP. Those who don't believe - just watch! I've also been spending some time on 1230, something I did for a month or two last year. Heard so far during Jan.: KGEE, KWG, KWTC, KRIZ, KCEN, KGFJ, KRDG, & KPRL. (ERC - don't you just LOVE typing lists of stations w/no frequencies, no locations, & absolutely NO "tip" value?) (No! Hi- ERC) Las Vegas news has surfaced a time or two, so I'm hoping KLAJ will make an appearance; heard & verified about a year ago. KGEE was very much the dominant station last year, but this year is heard only MMs w/most of the others off. KYJC heard last year, hasn't been yet this year. This is also my first frequency ever w ten different stations logged, which may give you an idea of why "total heard" listings for WC DXers are usually a bit lower than for EC people. The past few months have been spent chasing down a few un-verified clear channel stations & getting their QSLs: KMOX, WCBS, WBZ, etc. WFEA never ferified (drat!). Is there anybody in the Manchester, N.H. arwa who'd be willing to try to "walk" a report through there for me, or who knows a recent v/s for them? I can send a copy of the tape. Domestic DX Achievements needs your totals; some day I may even manage to eliminate all the mistakes. LOUISVILLE & San Francisco, '76.

WAYNE HEINEN - 1028 Pike Drive - Colorado Springs, Colorado - 80904
 303-634-5120. Here's another week in review. V/1- KIGA-980, KOLT-1320. v/f- WRFX-1300-TEST. v/q- CKRM-980. That's it so far. DX: 1/21- r/c, KPSO-1260, some TT & ID 1:17; went off @ 1:18am. KROD-600 for a report 1:31-1:47 w/rr. 1/24- KWKA-680 w/c/w 1:35-1:48am u/KNBR, r/c-TT KFLN-960 2:30-2:41 s/off, lots of IDs, CBK-540 re-logged 2:52-3:04 s/off (I lost my original v/q somewhere), KOB-770 "Jock Radio" & "Cob Radio" w/c/w, 3:08-3:21. KTIS-900 ET/TT/mx @ 4:20-4:29 & on. MM 1/26- Two tentative TESTS: WGM-860 heard TT & CW ID @ 1:34. WRIB-1220, I heard some TT & a few CW IDs - problem here was cl mx station w/flute - I copied the flute a few times & got calls like GRS & FRPZ, but I think @ 3:01 & 3:14 were they. Others this MM, unn, KAMO-1390 ET/OC w/lots of IDs,

(Heinen) 1:19-1:33 & on, KKJO-1550 w/ET/mx/TT. R/c- KAMQ-1060, five minutes of TT 2:04-2:09, ID at beginning & end. r/c- KIXY-1260 1:16-1:21am w/IDs & TT. Trying to get this place organized is really tough, between new business & new location. I hope to get a new FET-Altizimuth loop going before the season ends. Nice to meet & DX with John Bradley, the Springs' other DXer. Any Western area DXers are welcome to drop a line. Re HWB etc. 1520 mystery, I get the same thing & haven't been able to ID it either. 73s & best.

JOHN BRADLEY - 3835 Hawk Lane - Colorado Springs, Colorado - 80917
 Another DXer makes his debut Muse in the NRC. I'm 20, employed at KKFM, a faithful IRCA member, & a DXer for over two years. My RX is a DX-150A w/70' LW. Recent catches on 1/19: KBMI-1400 usually dominating the channel w/NIS, KPRC-950, KOVO-960, KQTY-1490. KVYL-1370 is running a contest during January awarding \$50, \$25 & \$10 to people who hear them from the three farthest points outside Oklahoma. Just after their s/on @ 6:56 on 1/19 they aired promos asking for collect calls to the station. I phoned & was put on the air in Holdenville, Okla. Thrills! Who says DXing doesn't pay off? Maybe I'll pick up some extra \$\$ if you EC guys don't enter. I'm also a collector of SCs & other radio trivia, mostly stickers & buttons. KYSN stickers & KRYT buttons are for trade if you'll write with some goodies. Wayne Heinen recently moved here from Buffalo, N.Y. & has helped me tremendously w/DXing. Happy Ground Hog's Day. 73s. (Welcome to the NRC, John, and we hope you'll join Wayne and be a regular Muser! -ERC)

DAN FLAK - 2451 Bonita Drive - Highland, California - 92346
 I have just finished with my courses, but haven't had time yet to get to the dials. I did have time to write "The Problems of the WC DXer." I have had to opportunity to DX from both coasts, so I can tell you about the advantages and disadvantages of the WX. The sole benefit: The channels are less crowded. The baddies: terrain, geographical position, state sizes, time zones, power distribution and population densities. I'm sure that an Appalachian Valley dweller and concrete canyon residents can synpathize with someone trying to DX out of a hole, but Western mountains rise steeper and higher than anything the E can provide. Your antenna could well be 10,000' below the strrain within 50 miles. On the prospect of logging all states - let's define a "difficult" state as one which has no full-time 50kw station & is at least 1,000 miles away. The E has six of these, the W has 13. On logging countries, the W has the Big Pond, the E has the Atlantic puddle. Although we are closer to Mexico (what difference does that make when they have their super power rigs) we are generally further from SA & the Caribbean. There is also a language problem. ED DXers must know FF, EE, & GG to ID most Europeans. The WCer needs to know Japanese & Chinese to ID Asia. On SRS & SSS, the ECers s/off earlier than we do. They s/on sooner, but a DXer is more apt to be at the dials at SS rather than SR. On logging stations, a plot of stations heard on a map corresponds with the population centers. If I am to hear anything, I must point my antenna N/S along the coast, or E/W along I-10. Nulling these areas aims the antenna at "white areas" where there are no people; hence, no stations. On states' sizes, the ECer has more states within a 1,500 mile radius of his antenna than does the WCer. I challenge any ECer to rebuff these issues, & I apologize for going over 30 lines. 73. (I count 28, Dan - hi - ERC)

TED FLEISCHAKER - 3023 Tremont Drive - LOUISVILLE, Kentucky - 40205
 Not too much to report these days as I have been so busy that I have had little DX time, but I did fine a good catch on 1580 - WAMB, Waynesburg, Pa. on an unannounced test a few nights ago, & have heard a few of the TESTS. I was out of town a few days also & found Nashville, Tenn. a real DX bad spot - only bright station was WMOB-840 @ SSS o/WHAS. Lots of interference from locals & spurs there, too, but I just had a portable, so I can't be 100% sure. BEAT THE HIGH COST OF MUSING! SEND IN TWO AT A TIME! WE'LL HOLD THE SECOND ONE FOR THE FOLLOWING ISSUE. BE SURE TO DOUBLE SPACE.

RAY ARRUDA - 48 Woodlawn Street - New Bedford, Massachusetts - 02744
 It's been a cold month of January in New England, but DX for the most part has been good. 1/28- 12:04-12:15am - WASR-1420 r/c was not heard, just WHL under a loud local, WBSM. This will have to wait another month for a crack at "the real thing." WSIG-790-TEST of 1/29 also was tried but not heard. 1/31- 1:56-2:12am - I finally received enough of WIXY-1260 to send them a report. They were fourth on the channel w/WEZE/WNDR/WWDC. 6:21-6:41pm tuneout that PM, CFOR-1570 almost in the clear w/CKLM way under which I thought was quite strange. CKLM bothers everybody in E. Mass. MM 2/2 was not too good: KNBI-1530 r/c was tried for 1:10-1:30AM & some bits of TT were heard, but nothing else. I don't think it was KNBI though so I didn't send a report. KSOA & KPFA TESTS were tried but not heard. WSAR-1480 was on ET w/mx & OC on/off a good part of the AM. Four veries received this past week: WDXN-540 WLTC-1370 (#500!) WTTI-1530 & WRBJ-1580. This brings Heard/Verified totals to 1,007/502, all domestic.

STAN MORRIS - Route 3 - Bradford, Massachusetts - 01830
 1/22- WQBK-1300 s/off 4:45pm, now all-talk on AM per s/off & Barry Farber plugged as 6am talk host - if memory serves, he was WOR's AN man for several years. WICH-1310 briefly @ 4:48 u/WORC, first time heard on 1310. WSLT-1520 in again to 5pm s/off - new pattern? Then a new one, WEXM-1520, Exmore Va. to 5:15 s/off, good at times, old-time mx. then plug for FM. 1/23- Thanks to tip from Ernie, WBOC-740 PoP heard o/WKIS w/c/w, TT, DODE IDs & voice IDs, 2:03-2:30am. TT noted on 1300 at 2:43, no IDs & gone by 2:48. WNOX & Herb Jepko (WHOO?) fighting it out on 990. PM, On 980, WKLM Wilmington, N.C. to 5:30 s/off, then WRC. Earlier, WGH atop 1310 @ 5:13pm. German again on 1570 u/CKLM, 5:40pm, fair to weak. 1/26 AM- TT on 1560 @ 1:09, no ID. TT on 1490 1:18 off/on, also FFC, no ID, as most announcements came when the TT was loudest. FFC off @ 2, also QRM from WBCB. KCRG-1600 evidently now AN-7. KFH-1330 atop channel @ 2:15. CFJR-1450 on top most of AM. CHYM-1490 again on top this week - pattern foul up? Like a bomb, 2:19. CHRM-1290 Matane Que. over all 2:45am. TT also on 1290, no ID. CHVD-1230 topping channel and now is on three-station AN net - Calls CFED Chapais, & CJMD Chibougamou also given but no sign of them. TT noted almost continuously before sked WQBK TEST, during, & after, but no IDs audible. WBKC-1560 Chardon, O. ID 3:49am. CJAN-1340 Asbestos Que. good this AM, @ 4. PM, CBAQ-1530 Rogersville, N.B. o/all @ 5:03 & noted CJMT topping CKTL on 1420 so I looked at 1470 hoping for Bagotville but only CFOX & another weak EE. CHTN @ 6 covering 1190 like a blanket. CJVL strong on 1360 & CIGO-1410 covering WPOP this PM, but no CKDY-1420.1/27- WCMS-1050 c/w well o/WHN's @ 5pm, looking for WGAY or WADC. WSVA-550 on day non-DA for Shenendoah Valley flood watch, 5:19. WSKI-1240 noted w/road closings & cancellations also. 2/2- The 1490 FFC turned out to be CJMC, short ID as "CJMC Nouvelle" after lam NX, then continuous mx. What I thought was TT was there again till 2 CJMC s/off so it's a het I guess. CHVD atop 1230 1:30. WKIX-850 N.C. ET 2, WAJR-1440 TT 2:18, KKAAs-1560 c/w, ID, TT 2:18. WGEE-1360 Wis. equal to WDR on AN @ 2:36. 1480 had TT @ 4 w/WSAR IDs notice o/TT, SS in background. KCRG-1600 strong again. (WGEE-1360 s/off @ 3, Stan -ERC)

CONRAD A. DUROCHER - 437 Essex Street - Saugus, Massachusetts - 01906
 Welcome to the Wonderful World of the Wee Hours. 1/26- WRIB-TEST came through easy @ 3:15am w/frequent CW IDs. 1/27- CHTN-1190 P.E.I. coming in strong @ 5am w/sports report. I need info on this one. 1/30- On 820 from 5:30-6pm, WAIT Chicago & WOSU Columbus piggy-backing w/NX & traffic reports. 2/1- PJB-800 bombing in @ 8-9-plus playing R. Nederland's "Mailbag" program in EE & SS from 6:00-7:10pm. This seems to be a regularly sked program on Sundays. 2/2- I tried for r/c of KBTA-1340 Ark. but heard only TT through garbage, no ID. Here's a tip for those trying for WHDH-850, Boston. Their MM ET has a recorded SID which is slow in starting so it sounds like "W-W-W-R-R-R-U-W-HDH, Boston." Test was heard 1-3am & ID was every ten minutes. Later, everybody!

TWO AT THE NEW RATE FOR 3/4 LESS THAN ONE AT THE OLD RATE! HOW'S THAT FOR ECONOMY? SEND IN TWO MUSINGS AT A TIME, FOR TWO ISSUES OF DX NEWS!

NEIL G. ZANK - 2445 "E" Street - Apt. 6 - Lincoln, Nebraska - 68510
 DX between MM TESTs has slowed somewhat for me, but still some pleasing additions to my logs as listed herewith. 12/28- WLO L-1330 Minneapolis for the first time 3:15-3:30am w/MoR & spots. 12/29- WGIL-1400-TEST w/TT & c/w plys CW IDs 3:11-3:21am. 1/3- WPEO-1020 Peoria 5:20-5:35pm SSS w/gospel mx & IDs. 1/5- TESTS from KIMB-1260 Kimball, Neb. fair to good w/Big Band dance mx o/WNDE tele-talk; WDSL-1520-TEST QRMd the first five minutes by KYXI Oregon. SSS brought WTTN-1580 Watertown, Wis. 4:45-5pm & WAPL-1570 Appleton, Wis. poorly when I tuned out WTTN. 1/6- WJSO-1590 Jonesboro, Tenn. good on ET 2:15-3:10am w/TT/OC & a little rr. 1/12- KNIC-1550 good w/TEST during sked period, KJAS-1170, Jackson, Mo. good on ET/TT/rr 3:30-3:45am; WVOY-1270 Charlevoix, Mich. fair w/much fade on TEST, John Denver records & IDs, 5-5:15am. 1/14- WATM-1590 Atmore, Ala. fair w/r/c-M & IDs 2:15-2:30 during logging of WDBL-1590, Springfield, Tenn. on ET/TT/OC & Osmonds 2:03-2:47am. 1/15- A Happy Day with my FIRST TA - WDR-1586 fair w/GG talk by woman & man plus instrumental mx 1:59-2:48am. 1/19- TESTS of WRBJ-1580 fair u/o XEDM 1:30-2 & KACO-1090 fair w/c/w & Might Ten Ninety IDs. 1/21- XENL-860 Monterrey, N.L. 7:25-8am good in SS w/romantic vocals. 1/22- XEZR-850 Zaragoza, Chin. wiped out KOA w/SS lively vocals & call letter IDs, 7:30-8am. 1/25- WDXN-540 on TEST w/lots of TT & IDs fair mixed w/XEWA 1:20-2am, & @ SSS KSTR-620 Grand Junction, Col. fair w/fading 6:35-7 w/c/w & MoR, WX & spots. 1/26- WQBK-710 fair to good on TEST between TT of WHB. 1/27- KOIL-1290 apparently off during their Tuesday morning test period & ID & PSA surfaced from KCUB Tucson, then gone, & only KTRN left. And that's all my DX, so 73s till the next time.

02139

MICHAEL GOOD - 413A Burton House - 410 Memorial Drive - Cambridge, Mass.
 Time for another Muse. This time, the highlights of my 1976 DX, starting on 1/5. WFTN-1240 N.H. heard @ 12:31 w/TEST, poor in graveyard mess. WWJ-950 Mich. fair w/mx @ 1:06am. Back home, I was two miles N of their XR, which made them my closest local. 1/9- CJEM-570 N. B. w/NHL scores @ 11:59pm, then ID & s/off w/short version of O Canada @ 12:03am. 1/12- HJAH-1070, Emisora Atlantico @ 3:33am w/mx, many ads on half hour, & full ID w/call - first time I can recall hearing any station S of Mexico use call letters on BCB. WKAP-1320 Pa. @ 3:51, heard on ET alternating two songs with occasional IDs until 4:06am - report sent, & v/q received ten days later. WOL-1450 D.C. @ 4:13am w/concert ads & ID. 1/19- YVKE-550 R. Mundial heard @ 12:45am. They gave at least partial ID after each song, & taped w/ID including call, to start my Cambridge tape collection. I tape only unusual stations, or s/off announcements on stations I want to report. Two stations heard on 1330: WHBL Wis. w/s/off @ 1:58am using "Battle Hymn" for Wis. #1, & then @ 2, WHOY Ohio w/WX & crek mx. I missed MM 1/26 while on tour w/M.I.T. Concert Band, but 2/2 was nice: WDEL-1150 @ 12:37 s/off for Del. #1. WCAR-1130 Mich. poor u/WNEW w/NNIS & Detroit WX @ 12:45am. First TA heard in a couple months was a new one - Nice-1554 @ 1:40am. And I was finally able to null two N.Y. pests enough to log CFRB u/WINS @ 1:07, & KXEL u/WPTR @ 1:54. V/1 received from WLNH-1350. 73.

Republic

CESAR F. OBJIO - Calle Enrique Henriquez 69 - Santo Domingo, Dominican
 Hi friends. In the first place, please take note that there is a new house number in my address. Telephone is the same 687-3597 available till 0300 GMT workdays, no collect calls, please. Well, on 1/26, Duarte birthdays, this is just like your Washington birthday. We visited San Pedro de Macoris & with us was my Sony TFM-1000-WA. A lot of stations from Santo Domingo were heard, from Puerto Rico were heard: WPAB-550 Ponce, WAEL-600 Mayaguez, WKJB-710 Mayaguez, & WPR-990 Mayaguez. My main interest was to check the Eastern part of the country & most of the stations were heard on their frequency, for instance: in San Pedro de Macoris: HIRV-1060 Radiomar, HIHD-1100 R. Oriente & HIBS-1200 R. Veintitres (23). From Hato Mayor: HIAN-1460 R. Magua. From El Seybo: HIRP-1490 R. Seybo, From Higüey: HIRM-1410 R. Sol & HILF-1440 R. Cayacoa. From La Romana: HIMG-1360 R. Rutas Musical, HIBD-1540 La Voz de la Romana w/QRM from R. El Mundo, Santo Domingo, & HIRJ-1570 R. Juventud, also QRM-ed by the new R. Turismo (a change of name from R. Union, Santo Domingo).

(Objio) From Venezuela, Rumbos-670, R. Caracas-750, QRMd by R. Libertad Santiago, YVNN-940 Punto Fijo, R. Falcon-1350, Cumarebo, good. Some stations from Santiago were also heard: R. Quisqueyana-660, Ondas del Yaque-930, & R. Santa Maria-590, La Vega, very strong. Only two from Netherlands Antilles were heard: R. Victoria-960 & R. Kelkboom-1435. All this logging was on daylight about 2pm from the Central Park, no night listening. This will be all for the time being. See you, and a Happy New Year to everybody. Ernie, EXCELLENT, your Mothball Memories. 73 in 76. (Thanks Cesar - muchas gracias! -ERC)

HARRY J. HAYES - Star Route - Box 2260 - Gouldsboro, Penns. - 19424

The highlight in this reporting period is a super intense opening into Mexico City on 1/31 & 2/1 between 11pm & 12:30am. I was listening to WCFM-1000 when a Mexican faded up @ 11pm, & took over the frequency w/the SM-2 off! It turned out to be XEOY-1000, R. Mil. With the SM-2 on the signal had great strength. I tuned around & many other Mexicans were in, including the big guys on 730, 900, & 940 w/great signals. On 690 a tentative XEN, R. Sistema was way o/CBF who had hockey. No IDs heard, but programming was somewhat up tempo SS mx. Two announcers joked and laughed between records but no IS, even at midnight. Aaarrrgh! On 830 there was a station there, strong w/SS mx & announcer who just gave names of songs & artists between selections, this about 11:40pm. When I checked back after 12 they were completely gone. Does XELA s/off @ 12 EST? Opening died by 12:30am. Other BX: 1/24- 6:35pm, HJND-570, tentative causing strong bet here. 7:12, HJGX-700, Call w/ beautiful signal & Sutatenza IDs. 1/25- 7:12pm, YVLL-670 R. Rumbos, good signal w/American MoR. 7:58, YVLT-830 good, IDs after each song. 8:15, TIXE-625 Costa Rica MoR, good signal, Omega ID. 1/26- 1:17am, WKIS-740 Fla. weak w/rr. 1:37, WGOM-860 Ind. on TEST in fair to poor w/severe QRM from HILR. 2:25 WGOE-1590 Va. on ET w/announcer and songs like "Theme from Ironside" TV Show & a messed up version of "Peter and the Wolf." This station is always on an ET, so much I'm not quite as sure if this is a daytime only station. 2/1, 1:15am, WTRN-1340 Pa. w/ads for store in State College. 1:35, WDR-1586 W. Germany w/polkas. I believe that's who it was, but too much QRM from T-Storms. Other EU hets in also on high band. That's it for now.

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

Hello-hello-hello. Not much o' nothin' to report, but here's what we's got, hi. The WSIG-790 TEST made a poor showing, if any. I heard a TT way under the WAEB/WEAN mess & CKLW slop, the latter disappearing when they went into NX @ 12:20. For those w/short memories, all this was 1/29. The TT disappeared @ 12:30 so I assume 'twas WSIG, but nothing close to an ID was heard. More 1/29: CHEF-1450 on top w/Canadian rr @ 12:45. WGSB-970? I was listening around 1 for a s/off or something, but I think I heard Portland mentions as local NX items @ 1:04. Of course, earlier (at 1) I had heard a mention of watts & was almost sure it was a s/off of some kind (if not WGSB), but the log has no other 1 s/off's. Do, who knows? WFEA-1370, their unique s/off noted @ 1:30, straighten out log (not 1:18 s/off & not AN). Anyone needing WFEA (DOES anyone?) should tru around 1:30 if they don't change it. The announcement is read by a female o/song "Love to Love You Baby." & she mentions XR in Merrimack & concludes w/"now shut out the lights & go to bed." Weird way to run a station, hi. Another femme DJ is Lee Taylor AMs on "14-WFBL"-1390. She reminds me a bit of Paulie on WXLO-FM, N.Y. but a much better style. CIGO-1410 in again 1:34 w/usual c/w, should be easy for anyone u/NNIS mess. 1/30- I drove to Wesleyan U., Middletown, Conn. I heard WMMW-1470 as a local, now to hear them at HOME, ho. All heard mainly were Conn.-Mass. stuff that I hear at home, WRCQ-910, WGNX-1150, etc. I'm not sure from my notes, but I think WCDQ-1220 was running Ac NX, not A1. Other stuff irrelevant/undecipherable as the portable's dial is even more crowded that car rig although more sensitive. 1510 became 1550 & 1600 became 1560, hi. That's all. I may not be back for a while, as next term now begins. Oh well - 73s. (DXing's more important than school! HI - ER C) TWO BY TWO, SEND YOUR MUSINGS THROUGH!

TIM MILLER - 410 Snyder Hall - URH - Champaign, Illinois - 61820

I have recently returned to school here after a month home in Chicago during semester break. Since arriving here, I have added a second RX to my DX Den, the new Realistic TRF long-range AM portable. I left the SX-110 home & am using this one here. I've found its performance to be as good or better than the SX-110 hooked to an LW. Anyway, here's what's been heard with the TRF: 1/20- WGVN-1260 w/c/w on "Chuck Early Show" to s/off @ 6:15 w/AM/FM ID & Dixie. Then WHBQ-560 fair to poor w/KLZ in WIND null w/rr @ 8:45pm & on. A bit later, HJBU-680 R. Nacional in Zambrano fair in somewhat AU CX w/many Bogota & Colombia mentions, etc. This @ 10:35pm for my third HJ. 1/22 yielded one newbie - YNX-750 "Estacion Equis" from Managua, for country #17, o/WSB 10:15-10:35pm w/much talk (NX?) & full ID. They disappeared by 11. SM 1/25- WDXN-540 on TEST. I tuned this one in/out several times from 1:35 to 3:20. Also KKA-1560 fair w/Cuban Minute Man @ 3-3:10 w/CBS NX, c/w & K-K-Double-A, 16-Radio IDs. 2/1- SSS session yielded KNUJ-860 5:40-6:02pm on top w/good signal. some Wis. mentions, Beer Barrel Polka mx, & KNUJ ID. WLIJ-1580 @ 6:18 w/c/w & Shelbyville mentions, poor @ 6:30pm s/off. An excellent MM session on 2/2 yielded 11 new stations (Total heard now 642), including a Mexican, Cuban, Canadian, three Colombians, & a P.R. (country #18). It started w/XEVIP-1560 @ 1:07 end of CBS NX & s/off announcements. This, just after WDXR s/off leaving KKA alone. CMDN-870 Guantanamo good w/WWL off, had La Habana program // to most other Cubans. This was Cuban #14. WJPR-1330 w/KFH, giving record dedications - I'm not sure if RS - they IDed @ 2:01 just before two TTers did their thing (unID). Also CKOY-1310 @ 2:37, KPJA-1480-TEST 3:06, HJAQ-1000 @ 3:30 for HJ #4, HJED-820 @ 3:33 w/WBAP off, KLVI-560 alone after WIND s/off @ 3:42, HJHN-960 Sutatenza outlet in MAGANGUE very strong o/WERC @ 4am s/on, & finally, WKAQ-580 w/loud "on Kay-Ah-Koo Mas Musica" ID @ 4:10. Also tentatives on R. Eco-940 from Cali @ 10Kw w/two-note chimes after each NX item. Is this they? And unID w/Gerner Ted Armstrong & "The World Tomorrow" on 1370 u/WSPD @ 5:02. Who might this be, WFEA? I need N.H. Latest veries include KNX v/a, GM, etc. VJ- WGOR, KIML. It's time to slox - as they say in Jenkins, Ky.: WREM - "Where Radio Enthusiasts Meet," Don't forget LOUISVILLE on Labor Day Weekend! 73s & C U N 14.

CRAIG HEALY - Box 182 - Cumberland, Rhode Island - 02864

Well, you gotta start somewhere & a Muse is as good as any place. I'm around 30, married & I work as CE for WGNB, WNRI, & WRIB. The recent TESTs from WNRI & WRIB brought 76 cards & letters from 23 states & one province, from Cal. to Mass. I'd say 98% of themall was of excellent quality, legible, accurate, & complete. The few bad ones were for the most part just carelessness - no time listed, inaccurate items, & plain old lack of detail being the major complaint. At that, I only had to refuse one verification & the person was invited to resubmit more detail. As of 2/3 all my mail has been answered. If anyone doesn't hear from me in a couple of weeks, try again as it must have been lost. Next, in regard to WOR's CE, Martin Petersen Jr.'s letter, if WOR has a signed contract with an advertiser to air spots during the WQBZ TEST, or if the show on WOR is sponsored at that time, then they are legally required to maintain their 24 hour operating sked if able. After all, he did mention sponsorship commitments. I wouldn't be so quick to roast a man who may one day help us. (He already has pledged to do just that -ERC) As to what has been heard here lately: WDXN TEST heard fairly well; WIBG/WNCT-1070 and in RS; WAPI/WFLI-1070 and in ET. I didn't find either KSOA or KPJA TESTs on 2/2 due to static. A front or something went by here & it was like August revisited. That's it for this time around. I'll be doing more announced TESTs as time goes on. Maybe I can get all 50 states to verify ME! (Welcome to the NRC, Craig, and your TESTs were indeed welcome to all of us! Please Muse and TEST often! -ERC)

WE EDITORIALY BUTTED IN ABOVE TO SAY WOR'S C.E. WILL HELP US. EXPLANATION: HE WILL NOTIFY YE ED WELL IN ADVANCE OF NEXT YEAR'S TWO SILENT MMS SO THAT WE MAY WORK UP A TEST SKED WITH ANY 710 STATIONS INTERESTED! WE FEEL THIS IS A TREMENDOUS GOOD WILL GESTURE ON HIS PART AND WE SALUTE HIM.

ELLIOT R. STRAUS - 1410 Bond Street - Asbury Park, New Jersey - 07712
 Greetings & felicitations from the Jersey Shore. Domestic DX has been good the last few MMs here with more new stations logged than I thought possible - 130 approximately since acquisition of an SM-2 12/3. Of course, many hours were spent at the dials. I don't have to be to work till 3pm so I can get some sleep after a long MM. Best new stuff: CHTN-1190, P.E.I. a regular here now on MMs w/WOWO off, province #9 & a good log sent - I hope they verie! Also KHOW-630 Denver, the 700 Jamaican, many decent TA openings of late, about 1-2am, their SR. I sent out 68 reports in December & only 25 returns so far, but in checking old veries from the 60s, many took months to get back, with the record WSAN-1470 four years & eight months. So there's still hope, I guess. We had a terrible storm last MM 2/2 w/85 mile winds, 100 temperature, & snow, worst storm in years since ocean temperature keeps rain from turning to snow. Well anyway, it ripped my lead-in wire from my LW antenna off, but miraculously the 60' high LW stayed intact. It's a perplexing problem to get it back hooked up but with the SM-2 I only use the LW to check what I usually receive on a frequency, then use the SM-2 to find something different. But! I leave for the Sunshine State on 2/2 for a 12-day stay so my thoughts will be far from DX, most probably deep in the racing form, hi! I heard WTTI-1530, Dalton, Ga. testing MM 2/2 from 12:57-lam, then SSB, but in rechecking @ 2:07 till 2:27 they were at it again - they're 10,000 D. Best DX to you all and enjoy!

S. C. - 29405

GARRY C. ECKART - Lot 255 - 6000 Rivers Avenue - Charleston Heights, Clementon, N.J.. I raised totals to 261 stations, mostly daytimers. Only six stations were received at night between 1190-1470k. Other frequencies in this range were complete jumbles w/two or more stations coming in no matter where I rotated the SM. On 1/22 I received NYC pirate WCPN very poorly, so I added an LW to other antenna jack along w/SM on other antenna jack. In came in at 8.5 on S-meter with some fading. He gave coin box number 212-766-9979, so after calling that number a few hundred times I finally got through. He says he used to be an NRC'er a few years back. I asked him for a v/q - he said he didn't send any. I bought the Realistic "Long Range TRF" radio for a good mobile RX as TRFs don't have problems with ignition noise. It turned out to be an excellent RX. In N.J. it outperformed my DX-160 & SM. I don't hook up my SM to it - I get equal results with or without it. Question: When mobile, 25 miles N of Richmond, on 940k I received a station from Montreal - gave station call CBC. I looked up in White's Radio Log but it is not listed. Did CFM change its call letters or is this a new station or are my ears out of order, hi. Best of DXing to everyone. (Garry, the "CBC" designation is for the entire network - Canadian Broadcasting Corporation - the Montral EE member on 940 is still CBM -ERC)

BOB COLYARD - 126 Forest Drive - Lakewood, New Jersey - 08701

Hi everyone. I've really got the building bug lately. Right now I'm scavenging parts so I can build an LW RX, but I'm afraid by the time I get all the parts together & finish it, Spring & Summer'll be here. Also a few years back the Radio Amateur's Handbook printed a circuit for a device called the "Select-a-ject" that was designed primarily for code use. With it an audio frequency could be peaked or notched. The frequency & bandwidth of the peak & notch could be changed independently. The circuit was fairly simple using RC, to networks in regenerative & degenerative audio amplifiers. Well, I partly built one then while I was going to tech school, but I never finished it. So recently, I dug through my junkpile & found the old circuit board. I got the rest of the parts needed & finished it. The peak works fine, but the notch doesn't because of signal clipping in the amplifiers. Too much gain! So my next project is to figure out how to bring down the gain without destroying the circuit or adding too many parts. Enough of this mumbo-jumbo. CX have not been too great & even though I still have my noise problem, I have managed to log some new DX anyway. 1/25- Algeria-529. MM 1/26- Radio Difusao Portugal-665 2am while WNBC was off. I had to go over the

(Colyard) tape a lot, that's a tough language. I listened for CJRW-1240 but WGBB was too loud to hear anything else. I finally heard my first TEST since being with the Club, WRIB-1220. I dug it out w/WGAR. 1/27- I looped out WWL to find WHOA-870, San Juan "surprise". I've been looking for this for a while now. 1/30- At 2am I noticed KFI-640 real loud, as good as WSM-650. Well, for now - 73s.

JOSEPH FELA - 150 Robert Place - South Plainfield, New Jersey - 07080

Recent veries are v/l's from WRMF-1060 & WRIB-1220, v/l's from WBAW-740 & WFTN-1240, and a v/c from WVOY-1270. All except WRMF were for Specials. Recent DX: 1/12- 3:51-4:05am, WVOY-1270-TEST L&C w/John Denver stuff (or so it sounded). A weak WEIC under it for a second addition. 1/19- 12:29am, Poland-1502 S-7 so IS was taped for the files - many other TAs also in. 12:45, WRAW-1340 briefly on top w/ID only. 1:03, CHNR-1600 s/off. 1:07, WFTN-1240 on top at times with unlisted DX program. 1:29, WJTN-1240 ID on TT, loud. 1/26- 3:01am, WTTI-1530 ending ET/M. 3:08, WRIB-1220-TEST fairly good in spite of WGAR. 3:34, WBKG-1560 ID on ET/M - rock before ID, Sinatra after it. 2/2- 3:10 am, KPIA-1480 in/out w/WHCM/WSAR ET (plus others) on TEST. 3:13 ID in fairly good, others in the mud. Someone - probably WSAR - was running 1,000 Hz TT besides KPIA during the TEST. I hope you fellows who count stations by hearing bits & pieces of tone caught the right tone - they were both the same pitch. Totals now 2,077/1,099. 73.

HARRY SCHOOLS - 1606 South Newkirk Street - Philadelphia, Pa. - 19145

I joined the NRC last month & this is my first Musing. As a short intro, I am 19 years old & I've been DXing off & on for about two years. I first heard of the NRC through Tom Sundstrom, & most recently from Joe Jones at WDEL & Jerry Starr of WHOT. For the time being I am doing my DXing w/a standard AM table radio. Until I reach my goal of 400 stations logged with this radio, I will not graduate to fancy receivers & antennas. Using this table radio w/no external antenna makes logging new stations more of a challenge. My totals to date are 292 stations heard w/158 verified. As for states I have heard 32 and verified 31. I need N.H. but WFEA-1370 does not seem to verify. I wonder why? Not much DX lately since I've been studying for my Technician class amateur license. I'm getting a little long here so I'll say 73s. (Welcome aboard, Harry! Please Muse often, and please double space? -ERC)

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

MM 2/2 brought TT on 790 2:45-3 which I assume to be KGHL Mont., good signal w/WTAR, a c/w, & a politician. KPIA-1480 Mo. varied from excellent to barely readable on TEST. KSOA didn't make it through unnn WIRE. 3:40 tune-in till 3:46, TT that sounded like a r/c on 930, but nothing listed. Second time recently a strong tester o/WWJ - I just caught enough to suspect KFSA, Ark. WTAX-1240 Ill. strongly on top w/TT 4:14-4:30 & before. I have a question for the experts on TAs: Over the last two seasons, & on two radios I have heard BBC Foreign Service on 1570 w/no het w/CKLM/CFOR/CHLO. It's not MW, so I presume it's an SW. (The BBC verified it but that doesn't prove anything - they would verie a newspaper if they thought it was a report.) I was told by WOWO their MK SP was 12-5am but I don't believe it. WCCO says they never carried Dr. Dewento on AM, & not any more on FM. WRAM-1330 Ill. says 42 reports were received on TEST from 21 states. He thought that's pretty good for 1,000 D-3.

HAL WEEDEN - 1008 17th Avenue - West Belmar, New Jersey - 07719

Hi! This is my first Musing in nearly a year. I got a sample of IRCA's DX Monitor back in early January. DX NEWS is a much better publication! I'm getting very few replies to my reports. On 1/13 I received a v/q from WFER for a report of 3/16/75. How long should I wait before I send out f/ups? (No set rule, Hal - as for me, I send 'em the following Summer when DX is slow -ERC) Only new station here is the WCPN-1620a pirate noted on 2/1 @ 12:42am, w/woman talking. What is the policy on logging pirates? 73s.
 AS THEY SAY IN CHICAGO, "WCFL." "WE CAN FLY TO LOUISVILLE" If we do, . . . as they say in Salisbury, N.C., "WSTP." WE SHOULD TAKE a PLANE."

DAVE BURNS - 1002 Stevens Road #1411- Woodbridge, Virginia - 22191

Not having Mused since October, I thought I'd send in a report while I'm home for a change. Nov. & Dec. were completely wasted months, DX-wise, as my employer, the USAF, sent me off to such exotic places as Dayton, O. & Montgomery, Ala. for a good part of that period. Worst part is I now own an R-390A & haven't even had a chance to figure out how to use it. Almost all DX has been confined to SSS, but before getting to results, another tip to novice DXers: Take care of your logs & veries especially if you lose interest in the hobby. I started DX-ing in the late 50s, quit in the mid-60s, & started back up two years ago. I still haven't located most of my old records & just recently my folks up in Mass. sent me some v/ls they found stuffed in a box. These, some of my best, included: KPBM-740 N.M. (now KBAD), KOOL-960 Ariz., KROE-930 Wyo., KFBB-1310 Mont. (now KKIN), KYNG-1420 Ore.-TEST, KHOK-1560 Wash. (now KGHO), KWIZ-1480 Cal. (then lkw) & foremost KORL-650, KAIM-870 & KHAI-1090, all Hawaii. All were heard on Cape God circa 1960-63. Some are pretty tattered & I have yet to find my best v/qs. Obviously their value to me goes without saying. So be careful, you never know when the DX "bug" will bite you. Now to more recent activity: 1/3- WGTW-1580 12:37-1:01am w/ET, instrumental mx & ID @ 1:01. 1/19- KXEO-1340 Mo. w/r/c 1:18-1:20, unnn, but still nice to hear, KFDF-1580 6:15-6:30pm w/c/w, ad for store in Van Buren, & s/off @ 6:30. 1/21- WMMT-1520 & WXPN-1520 both noted w/s/off @ 5:41 & 5:45pm respectively, then another surprise w/KMAR-1570 noted @ s/off @ 6:28. I also heard someone on 1570 w/ABC NX after KMAR s/off but couldn't dig out an ID. 1/25- WDXN-540 TEST-Pop good from 1:04-1:32am, & @ SSS, WMAP-1060 w/NX @ 5 & WTYC-1150 around 5:05, MM 1/26 was very frustrating w/mostly unID TTs monitored all AM. What WAS IDed included: WTTI-1530 w/ET-rr & definitely unnn @ 1:30; WEIC-1270 w/rr @ 2:30, WRIB-1220-TEST u/WGAR; WQBX-710 also on TEST u/WOR around 3:20, & finally, WBEC-1560 w/ET around same time. At SSS, CKLY-910 clear w/c/w @ 5:40, WSWV-1570 s/off @ 5:45pm, 2/2, SSS, two goodies: KPIK & KTUF on 1580 around 7:15-8:15, both w/c/w. Bye!

JOHN A. CALLARMAN - 1122 Maple - Mount Vernon, Illinois - 62864

I'm up o/500 IDs taped now, as a result of my most recent activities. 1/25- WGAC-580 w/pattern change @ 5:45, w/full SID just before change (I wish they'd all do that). WELQ & WIBW in each other's nulls @ 5:59:40 & 6:00:20 IDs - KSAC apparently not on Sundays, but taped ID @ 6 the following day good. KBHS-590 s/off 6:39 but not enough to count; excellent CBC-Barbados ID on 900 @ 7, & I found KOB-770 at good level to 7:15 pattern change; KGNC-710 ID @ 8 between "Face the Nation" & CBS NX, though the pattern is unfavorable. 9:53½ found KCIM-1380 ending a CYO BKB tourney. 1/26- WQBX-710 very good on TEST, but I set 1220 tape wrong & it didn't start till after the R.I. TEST. That evening in addition to KSAC, I took routine Taped ID (TID?) for KWNT-540; KWTO-560 noted 6:05, & WEPa-710 w/ s/off beginning @ 6:13 w/A Cappella SSB. WCHS-580 TID 9pm. 2/2- KPJA-1480 good on TEST, but WTHI-AN w/similar c/w & girl DJ made it tough; WTHI gal complained @ 3:46 that someone phoned in & called her a turkey - that wasn't an NRcer, was it? On 1430, there were patches of TT heard, but surprisingly, CKFH/WIRE were too strong for any KSOA ID. I left for work ' set tape on 1360 in WSAI null, ' found KRYs good w/Top 40 till 6am s/ons started; WLAW first @ 5:47:45, then KFFA without mention of location in 5:59:20 s/on. That evening, 6:03 found WTNK-1390 ending NBN NX, not shown as such in log or updater; KJIM-870 found in WFL null 7:03-7:15 s/off, & I'm surprised they've dropped their long-time MoR Big Band format for c/w. WMIX' night operation target date is late Mar. or early Apr. Three towers are up & lit, phasing units are in, so is XR, but ground has been frozen too solid to dig the radials. Pattern will be E/W bow-tie w/deep nulls N & S; this necessitated building a new site W of town, very visible from I-64, because site five miles N would not cover the city of license. WMIX-FM is AN-7 w/billings doubled in 2½ years) & WMIX will be An-7 w/separate programming. Most of the DXers for whom our night pattern will jam 940 already face KIOA MMS - except me. DEADLINE IN PROVINCETOWN IS EVERY THURSDAY. PLEASE DOUBLE SPACE! -ERC

KEN ONYSCHUK - 16771 Shea Avenue - Hazel Crest, Illinois - 60429

Hi Guys & Gals. Last Musing was early December so here is a bit to report. Thirty-six new stations since I moved here 10/1. Total now up to 631 as of 2/2. Recent news: WWCM-1130 Brazil, in on 12/26 @ 5:25:30 w/High School sports, then s/off, good signal mixing w/WISN, Indy #34 wanted badly. WIDG-940 St. Ignace @ 7:02am on a weekday in late Jan. WVOY-1270 Charlevoix, Mich. heard :/ID @ 6:55am s.me week. I forgot to mark date in book, just the station by state. KNUJ-860 New Ulm, Minn. 2/1, 5:50-6:10pm, poor to weak w/polka mx, ID, NX, obituaries, then fade. I thought I had WDMG - much wanted - but unsure. KLIK-950 Jefferson City on 1/27 in well after local WJPC s/off for half hour till pattern change @ 6:15. Neb. #6 finally caught in KAMI-1580 Cozad w/f/c on 1/17, & one weak ID. Tenn. #21, WDXI-1310 Jackson 1/28 in good 5:50-6pm. Tex. #24, KPBC-1040 Dallas w/ID weak but clear @ 8:30am. W.Va. #11, WOAY-860 Oak Hill w/ID @ 5:30pm on 2/1. CJFP-1400 Que. w/FF ID @ 12 on 1/16, very good for a graveyard. Other news, WIND-560 is taking up ABC NX though no specific affiliation. Great SM of DXing between 8:20 & 9:15am w/KPBC-1040, KCTA-1030, KXEN-1010, WCAZ-990, & an unID ABC mixing in between 8:45-8:55. I am finishing a project of compiling stations by state by frequency so far, 4,176 stations in U.S., 325 in Canada. Texas is #1 w/282. I will correct earlier error. ABA St. Louis Spirits on WIL-1430 according to St. Louis papers. I hope San Antonio Spurs fans enjoy hearing Jerry Stembridge doing play-by-play on WOAI-1200. I first heard him in '67 w/the Dallas Chapparals on KRLD. I'll see what I can do later this month on getting 1976 major league BB networks early. But of course it will be mixing with my present following of H.S. BKB which can really dominate local stations at night. I am surprised to see so few Ill. stations on at night - only 22 of 123. Finally Tues. 2/3 KCHA-1580 Ia. w/ad & ID @ 6:32, & WBBA Pittsfield, Ill. w/s/off @ 6:45 w/FM plug. Total now 633 - 38 in four months here. 73 for now.

PAT HARTLAGE - 9200 Wendell Way - LOUISVILLE, Kentucky - 40299

2/2. My absence from Musings has been due to virtual inactivity during the last month. After a two week vacation in sunny Florida starting 2/3 I hope to again return to serious DXing. My only January loggings were 1/4- WCMB-680 @ 1:42am giving local WX; France-1554 same date @ 9:35pm. 1/6, I caught the s/off @ 5:30 of WKDE-1000. Finally on 1/10 during a good Aurora XEZL-1130 was blasting in @ 8pm w/frequent "ZL" IDs & mentions of Jalapa. Veries recently include WRBJ, WHEB, WJKY, KIKK, WRAM, KSL, WCCP. In the help-needed department, I need the tube sequence for the add-on Hammarlund noise limited adaptation. The three tubes involved are 6BH6, 6AL5, 6BE6. Thanks to the fine efforts of the CPC I've added several states this season. My few CPC efforts didn't pan out but I'll keep trying. I urge all members to plan early to attend the LOUISVILLE Convention. Remember WWAM - We Welcome All Members. 73.

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

Week, it's been a busy last week & as usual, I managed to send in my report for the Domestic Supremacy Ratings too soon. I've had some good GX here the past few nights & days & have logged 21 stations the past four nights & days. Included are several goodies, like KELO-1320 in Sioux Falls, which even Mr. Murphy claims not to have heard, & also the f/c from Cuthbert, Ga. WCUG-850. (Date, time, please? -ERC) I called the CE there I he said they are moving into new studios soon & may go from days to AN or maybe NSP. They were really killing KOAM & also WJW the night I heard them test. Also due to AU 2/4 in the early evening here, WABC vanished long enough for me to log KOB-770 for my 39th state. I've also been doing lots of late night f/c listening w/the new list & have managed several most evenings, & also some regulars which I failed to look for, but found time between the f/cs. I lost my TV/FM rig to 93MPH winds a couple weeks ago, so I've been busy w/the insurance man, etc. getting them back. After all, when our season ends, FM-TV begins! Recent catches: WLBB-1170, KSTL-690 (elusive one, heard 2/4 afternoon), KROF-960 & WNAD-640 (on ET @ 1:30am). I look forward to seeing all in LOUISVILLE this Fall - until then - good DXing! COOP HAR FUSCHIUS SAY: "REMEMBER; HE WHO HESITATES IS LAST."

KARL JETER - 2816 Frontier Trail N.E. - Atlanta, Georgia - 30341

It's been a while since I Mused last, so I think I'll take Ernie's advice & MUSE! DX of late has been sparse, mostly MMs & an occasional SSS session, but results overall haven't been too bad. Last part of Jan. brought (finally) some audio out of Langenburg-1586, cl mx, & female talk, 1/19 @ 1:47am. That same MM, I heard KZRK-1540 w/ID during ET @ 2:26. Best SSS session of new year occurred on 1/21 when I "sat" on 710 & logged three newies, & re-logged two of my Texas receptions (from here). First down the pike was W200 Asheville N.C. w/local NX & ad @ 5:26, & s/off @ 5:30. Shortly after, WTPR, Paris, Tenn. rolling in L&C w/Mx, NX, & s/off @ 6. Then, WEPA Europa, Miss. turn w/gospel mx & ads to 6:15 s/off. Later, KEEL Shreveport & KGNC Amarillo were logged from here - all this on 710, a frequency I hadn't tried in months! TESTS heard include WRBJ-1580 very good on open channel w.mx, promo from "a Chicago DXer" & "Mary Had a Little Lamb" a la touch-tone phone (strange, hi), around 12:08am on 1/19; also WDXN heard w/s/w on 1/25 @ 1:23am. The only other was WQBX, another 710, heard poorly u/WOR's mess - why did WOR have to run a drama program? That's not a very good percentage of TESTS, but I slept through KACO-1090, & WRIB-1220 was heard by other Atlanta DXers; oh well. (OTHER Atlanta DXers?? -ERG) February DX includes MM 2/2: KEVIP-1560 heard after WDXR s/off @ 1:05; Nice-II-1554 logged @ 1:45 w/male-female talk; r/c of KBTA-1340 noted w/1k TT, IDs @ 2:41 & 2:50 am, & oh yes, KPJA-1480-TEST heard also w/ID & TT 3:06am. SSS session 2/3 yielded WCIL-1020 u/looped KDKA w/local NX w/female, ads, then s/off, same female @ 6:14-6:30pm. When I replayed tape of s/off, WPEO-1020 ID was heard in there @ 6:30. Up to 1540, & KGBC Galveston heard first time w/c/w, sports, & SID @ 6:50pm. Out of time; I will mention the multitudes of veries received next time. 73s.

JERRY STARR - WHOT Radio - Youngstown, Ohio - 44505

In reference to Dr. Tom's comments in the 2/2 DX NEWS, any of you who were members in the mid-60s remember that we went round & round before on the subject of a "reluctant verifiers" list which was generally assumed to be a blacklist of sorts & undesirable to the NRC. I might note that all the non-verifiers Tom listed in his Musing have been verified here in recent years with the exception of WHYP & WBNX. The verie situation is in a state of constant flux just as the broadcasting business is. The reasons for a change, either way, in verification policy are legion: change of staff, change of management, change of CE, understaffed stations, - the list goes on & on. Considering the nomadic tendency of many radio people, QSL policies can change overnight. A former good verifier may hire a new CE who doesn't answer at any time. However, that station can just as possibly hire somebody else who will answer reports - it could happen next year, next week, even tomorrow. Considering the number of variables that enter into the situation & the total unpredictability of station changes, such a list, aside from the ethical standpoint would be impractical. Otherness; HWB musta misunderstood my notes on several f/cs in the 2/2 DXDD. WORW-1580 has always been on 3-3:15 & is still listed as such in the new list - however, in Jan. '76 it was HEARD @ 2-2:15 which is a change, still third MM. WABH-1150 was listed in previous list on third Tues 12:15-12:30 but is not in the new list. It was HEARD in 1/76 at the same time as always so should be added to the new list. Let me too add my comments about the "Mothball Memories" - GREAT! Keep it up - it gives an added dimension to DX NEWS. 73 to all.

WAYNE MURPHY - 1411 Phyllis Avenue - LOUISVILLE, Kentucky - 40215

Greetings all. I've added a pre-amp to my loop in the last two weeks, thanks to Dick Truax, who was nice enough to build it for el' fumble fingers. It has cured the gain problem on the upper band (1000-2000k) of my R-390. I'm not sure whether the problem was due to mal-alignment or if that's the way the R-390 is, but in either case it was a lot easier this way than trying to find someone competent enough (and cheap enough) to align it, though it now appears new member Bob Walker's brother could have done the job for nothing. In any case, I've

(Murphy) found out first-hand that amplifiers aren't necessarily compatible with an urban environment. Daytime DX is almost impossible with the loop now as the amp yields spurs to the point of ridiculousness, including one from WBRT-1320 on 1380, which isn't even a local! No major problems have been encountered at night, which is when I do most of my DX anyway. I haven't repintrod for a while, so this might be a good time for it: I'm 19, a sophomore at Bellarmine College, majoring in Accounting. I started DXing in Summer of '73, & joined NRC one year later. I am also a member of IRCA. My primary interest is domestic DX, though I have been getting more into foreign of late. I plan to take a trip on the Greyhound "Ameripass" this Summer, if I can get the time off from work, and plan to visit several places throughout the East & South. Details have yet to be worked out, however. State #46 arrived MM 2/2 in the person (station?) of KGHL-790 Mont., on the r/c. I didn't think this was much of a possibility since my null of WAKY, which isn't much anyway, goes N/S. I thought I'd give it a try anyway & there it was (scientific, huh?) I've used up my space so as Leonard Post-Toasties would say, Ernie, get me out of here. ('Bye, Wayne! -ERG)

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

OK, people, better hear WHOM-1480 & verie them (if that's your thing) QUICKLY - Billboard magazine has an article in 2/7 issue about a possible change to WJIT. Seems listeners don't like to listen to a station whose calls they can't pronounce phonetically (WADO-1280, for example) & SSers apparently don't say "noom" for WHOM. Does that make any sense? I know I have no idea how to pronounce WPLJ (whiplage?) Oh well. Paul Mount: Beacon UUP location is Ottawa, I believe. With that out of the way, DX: Slim indeed. 2/1- WTGR-1520 o/WKBW w/rr, should be widely heard w/new DA. R. Paradise incredibly strong @ 5:49pm w/"to believe or not to believe" bit. MM 2/2- Gcupla tones. 590 @ lam (from 12:57) then cut; WBNY-1450 tentative on r/c very strong, times check & possible ID; 1420 @ 1:07; 1350 @ 1:08, 1440 @ 1:14. All were 1k TT and strong, but I had no time to stick around. I hope some are reported so I'll know who I missed, hi. Someone on 1240 w/"Musicradio" SID, ID may have been WHUM but this would contradict log. Does anyone know: a) were they on? And, or: b) Are they Musicradio? Time was 1:10. There was a TT there too, natch. WGBB may have been off @ 1:10, definitely was @ 1:18 when I noticed something was missing. FFCs topped 1230 & 1250. Tues. 2/3, SSS: WKBI-1400 a newie, w/mention of St. Mary's in NX @ 5:37. WPTF-680 like a bomb @ 5:43, ditto WAPE-690 5:44, but WZAP WYOK WRNG WCAW WBAM etc. still are unheard! CX poor through 2/6. I forget AM DX & watching Johnny Carson now that my program calls for getting up @ 7 or so for my first period. Did CKGB-680 used to be CKBG, or is Vane Jones simply displaying the "headline accuracy" for which he is famous (hi) in an old edition? Did anyone ever hear of Sonnet brand, cheap, made-in-who-knows-where radio? When is next eclipse on ECNA? What is wrong w/SM-2 when lower end starts to go? (It has a stronger high end -ERG) Back to DX: 2/7- The mystery MoR-580 1:03 o/mess. WBKC-1560 strong on ET, 1:08, loads of corporal IDs, even a "testing 1-2-3" bit @ 1:22. They played c/w, MoR & bubblegum rr, 1968 type. KSL in well @ 1:09, all clears too. What is " - . . . -" on 535k? Please? 73s.

CLIFFORD BARNES - 4506 Maple - Bellaire, Texas - 77401

In this Musing, I would like to make some comments on the antenna tuner, or Pi-network coupler, whose plans are published in the article "Living with a Budget Receive" in the NRC booklet "Getting Started in MW DXing." First, it is a physical impossibility to wind 112 turns of #18 wire on a core 4 5/16" long as recommended in the article. #24 wire can be used instead, & if the coils are spaced closely enough, there will be ample room for mounting the core (in this case, 1 5/8" diameter PVC pipe). Also, it is impossible, in the Houston area at least, to find the 250 pfd condenser recommended in the article. A second 365 mfd condenser, easily obtained, can be substituted for the lower-value component: In fact, with the lower inductance of the coil described above a condenser of higher value will be needed. As to how well the tuner works, I don't know, as the device has yet to be completed. And now, a

44

(Barnes) mystery: On 1/26, @ 2:45am EST a suspected LA, IDing itself as "R. Aquis" on 1440 was heard w/male announcer and some kind of LA mx. The 1974 WRTVH doesn't list a R. Aquis on this frequency. Anybody know who this is? 73s.

ALAN MERRIMAN - Box 6 - Fairfax, Virginia - 22030

I got ERC's report yesterday & I guess I owe him one, so here it is. DX has been very good, mostly on MMs - we've had a bunch of fine TESTs this year, & the CPC deserves a big round of applause. Veries have wandered in from CHQR CKKW KNIC WGOM WMPL WRIB WRWH WIVY WMTY WNRI WDLM WEER WWSN WRAM WZYQ WIXX WMCT WANR WBAW WTBV WVOY. The WIXX verie (WEXY's old call) is for a 1966 report, and comes through the help of Ron Schiller. Needless to say I'd given up on this one - thanks a lot, Ron! Here's DX: 2/15- WDLM-960 @ 1:43. WRAM-1350 @ 2:01. KXRB/KIUC both heard, both un. CHQR-810 a surprise @ 3:41, good. WWSN-1240-TEST @ 4:24. 12/25- WZYQ-1350 @ 10:40 for call change. (from what, Alan? - ERC) WEER-1250 @ 11:30 for frequency change. 12/29- WANR-1520 @ 2:13, VERIE FROM Gary Seagull, thanks. WBAW-740 @ 3:26. 1/5- WMCT-1390 unlisted f/c-TT @ 12:22. WEED-1390 at same time also testing. 1/11- Playing around in the afternoon I stumbled across one of my most wanted stations, WTHU-1450 @ 4:05pm, excellent in WOL null & no sign of usual WFTR. 1/12- KNIC-1550 @ 2:36, kinda rough. WVOY-1270 good @ 3:36. 1/19- WRWH-1350 w/r/c-TT ending @ 12:05:30. WLSC-1570 w/r/c-mx @ 12:30. WTBV-1090 excellent on TEST but an hour early, @ 2:02. WEIG-1270 good @ 2:30. Unn WKIG-1580 w/r/c-mx @ 3:12. WRBJ/WSUB/KACO not heard. 1/26- WMPL-920 r/c-TT @ 12:16, ID every 40 seconds or so. WBVM-1550 noted 12:30 to after 2, sounded like PoP, un. WGOM-860 @ 1:31, poor. WRIB-1220 good @ 2:55. WQBX-710 very rough w/WOR " 3:06. 2/2- KPIA-1480 @ 3:05. Unn KQWB-1550 noted ending ET/M @ 2:17. WOBR-1530 on after 3:30 due to WX emergency. WMTL-1580 tentative onr/c @ 5:46. 2/8- WZAP-850 to s/off @ 6:15. 2/9- KNUJ-860 poor/good @ 1:32, severe XEMO & Mundial QRM. WAYC-1600 excellent @ 3. KAOL-1430 probable as someone using code here but very poor & I didn't spend much time with it. WBRW/KPSO/WFTN not heard. That's it. See you when I have something else worth reporting. 73.

WAYNE HEINEN - 1028 Pike Drive - Colorado Springs, Colorado - 80904

A call to local KPIK yielded an "Oh, are we supposed to answer those letters?" - so I'll be going to see what I can do there in a little while. DX of late: 1/31- KSWO-1380 10:46-10:58pm, w/r. 2/2- WTTI-1530 2:05am on ET/mx w/ID, KCUZ-1490 r/c-TT 2:21. KPIA-1480-TEST excellent @ 3:04am s/on. WXGL-1350 w/automated c/w 3:32-3:48 & on. KWFT-620 s/on @ 4 w/instrumental SSB & CBS NX. Veries back, v/1: WRIB-1220-TEST, nice letter for tentative on code IDs. CE said my FLUTE code was a 50w pirate (GFRX) hi!, KFLN-960, KPSO-1260, KSDN-930, WIBV-1260, KOCA-930, KTIS-900. v/f- KKJO-1550, KXEO-1340. v/r- KDEF-1150, KTRM-990. v/q- CKRM-980, KOB-770, CBK-540. (I had lost my original verie from Buffalo), WGOM-860 for code ID & TT on TEST. Lastly, v/GM- KNIC-1550-TEST. V/s will all be in ERC's column. It sure would be nice if more people would send in v/s. I use them all the time & I think it makes for a lot better totals. Right now my return is running about 65% on reports out one month. Thanks much to Isaac Eaves, another RBE RX fan. After ten years of having the RX I finally get a chance to get a schematic. That's it from the home of the Cave of the Winds. 73.

ROB KEENEY - 22-12 Stouffer Place - Lawrence, Kansas - 66044

Thanks to Neil Zank, I had a great time in Lincoln 2/4-6, even though the KU-NU BKB game didn't come out the way I planned, hi! It was nice getting together w/NRCers Bob McCoy & Skip D. & new member Roger Besch. I finally got to hear Skip's famous NEBE ta pe I & became dizzy viewing all his veries! Recent veries in from KNIC-1550, CM plus verie statement, v/1 from KFRU-1400 & CM & v/q WGOM-860. I have many reports still out & f/ups are due on most. Highlights of MM 2/o were the loggings of state #48, N.J. in the form of WJIG-TEST & country #45, Grenada-535 @ 5:30am w/NX. Caribbean was in great 2/9! New publications, NRC Pattern Book & IRCA Foreign Log Vol. 4 are both well worth

(Keeneey) the \$\$\$\$. Starr's article on the WMRX was very interesting. How about everybody writing a few letters for the CPC next year? I've logged three new states this season thanks to those hard workers. Only a few guys have been writing letters this year. Help take the load off their broad shoulders & try a few letters! That's all, DX & report! 73.

JAMES E. CRITCHETT - 3900 Gaines Lane - Anderson, California - 96007

Regular DX for me came to a screeching halt on Sun. Aug. 24, 1975 when I left w/a busload of Senior Citizens for Alaska. I didn't DX, even there. I met a widow lady from near Anderson, & after a further time of getting acquainted, fellow DXer Clarence Freeman officiated at the wedding ceremonies in the Yreka Methodist Church on Nov. 12. We commuted between there & here until Sat. Jan. 24 when we moved my belongings to this house. My SPR-4 & Sanserino Loop are set up on a table in the bedroom, & I started DXing Wed. evening, Jan. 28. DX time is limited from about 8am to 5pm, except Wednesday evenings when Frances attends Lodge meetings. No trying for DX Specials or f/cs. I started at 540k, & have reached 1130, 81 stations have been IDed; others heard, but no call letters yet. No hurry. WSB-750, WCCO-830, WHAS-840, WWL-870, WLS-890, WHO-1040 & WLW-700 best. Don't count on long DX reports from here. Thanks to all you who wished us a happy life together; it has been, and will be! Best DX to all. (CONGRATULATIONS, JIM & FRANCES! -ERC)

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

1/12- The ETs of newies avoided me that morning. Not much IDable heard except on 1270 where the Cuban was dominant o/GJCB. Later that day at SSS the S was in strong. From 5:30 to 6pm ZDK-1100 a-land & R. Carupano-1110 strong. Even an SS o/WCAU-1210 & a seperable un-ID SS on 1211. 1/25- At 11:45pm England-647 in quite well & an SS on 645 unID. 1/26- Guadeloupe-640 in well @ 5:50pm. 1/28- At 10:30pm two un-ID signals on 825 in/out, one a man in SS talk, the other a female singer also in SS. 2/2- From 11:45pm on the Costa Ricans were as strong as I've ever heard. Also an unID SS on 665 & 735, not usually noted here. Other unusual signals noted after 12 on 757, 865, 925 & 944 w/weak piano mx. 2/4- 11:20pm saw weak signal on 737, mx on unlikely frequency of 1092, & strong mx on 1155, all unID. 2/6- At 5:45pm Dakar-764 in strong, 737 a strong het, very little audio, 746 had light audio, 818 w/AA & 827 also appeared to have AA man & talking/chanting. At 6:03 a loud anthem s/off on 1205. At 6:07pm a strong het noted on 1493. At 7:05pm I noted a strong signal on 827 w/man talking, continuing w/almost rock-steady signal & changed to mx @ 7:20, then what may have been high-pitched SID at 7:30pm, LOOPED PREDOMINANTLY E. At 9:20pm again two signals on 825, only a het on 827. Man in SS IDed as R. Peninsula w/woman singing underneath. At 9:30 AA very strong on 818. A trace noted on 548. Costa Ricans again good on 775 & 625, & someone on 615. At 10pm an EE ID on 11075 which took me by surprise so I really didn't get it, then into light cl mx. An SS on 1176 unID. And @ 10:15 an EE on 1608 that may have been the pirate on a lower than usual frequency. 2/8- La Voz de Barranquilla ID on 760 @ 12:15am. 2/9- WAYC TT an easy catch on 1600 TEST w/ID @ 3:05 on essentially a clear channel. Then s/off-1560 @ 3:08am w/SSB, likely KPFC about equal to the usual SS from P.R. I enjoyed a great Sunday afternoon visiting w/Mark Connelly & some of the boys at his place. It was a pleasure to see & hear how he snares the goodies from his twin beverages - (whoops - that wasn't supposed to be coke & peps, but that's the way it came out, hi!) 73.

MORRIS SORENSEN - Leaf Rapids, Manitoba - ROB - 1W0

Here are a few recent loggings: 1/9- CIOK-1310 Alta. @ 8pm; CFOK-1370 Alta. @ 8:30. 1/15- CKDR-900 Ont. finally @ 8:47am. 1/19 - WRBJ-1580 Mich. @ 12:13-12:20am weak on IRCA TEST w/much XEDM QRM. Verification in from WRBJ-1580, v/1 & GM. With the mail situation here I sent out very few Christmas cards this year. All the best in '76.

WE RECOMMEND THE "TWO FOR THE PRICE OF LESS THAN ONE" MUSINGS SCHEME WHILE WE'RE STILL ON WEEKLY. AFTER THE OFF-SEASON SKED SETS IN, THAT'D MAKE FOR SOME "GOLDEN OLDIES" MUSINGS, WE THINK. HOWEVER - UP TO YOU!

DARIO MONFERINI - 8 Via Davanzati - Milano 20158, Italy
(Just in via Area & Espresso -ERC) Hello all from the "Spaghetti" country, hi! At first let me say my modest opinion about the problem concerning to extend to 2000k the BCB & to have 10k wave plan extended in all parts of the world; I agree w/Bob Foxworth's opinions & only to join an example here in Europe we have it yet on 980k where thanks to R. Algeria now operating 24 hours a day stop any tentative to try to this channel to other continents! Soon I pass to looking at the TAs, European Signalizations over preceeding DX NEWSes: #9: Vinnitza-1546 - I may confirm here in Europe this channel is still operated by a Russian station located in Ukraina & carrying foreign service at various times, so may be correct your logging, Connelly. #10: R. Melodia-1600 Barquisimeto heard also in Sweden but still no one knows the correct address. #11: W. Germany-520 Hannover - I personally don't know any increased power for this station so still 20kw. 782, unID TA, yes, Radio Clube Portugues really suppressed on 782 & 1034 so your station, Connelly, may be only DDR, a real superpower noted in Jan. now NSP! 809 surely R. Skopje now 1200kw. 1034k as said - sad. At 12/14, RCP already off the air. 1115k Yes, surely it was the abulic morning show of RAI second common service over probably RAI Pisa, 50kw (hard to be definite from your location). 1475k @ 6:41pm all Spanish SER stations carry same program named "Hora 25" (This all days except Sat.) Usually the program ends @ 7:10pm & you may have the shot to hear the local ID. O.K. Connelly? On 710k, Super Radio Medellin - this is your unID, Ernest, OK? (Thanks, Dario!-ERC) #12: 737 till 2/2 not yet in operation the new super power expected from Morocco. Quite strange channel because yet in operation the Mauritanian on 737? 1466, sorry, Eaves, to crash your hopes but I'm 100% sure no stations are presently in operation on that channel @ 10:02pm here in Europe (There is a reason, TWR is terrific booming here, hi!) (Dario sent in two Musings which we'll make into three - ERC)

ERNEST R. COOPER - 5 Anthony Street - Provknctown, Mass. - 02657

The verie situation is pathetic - only one, from R. Maracaibo-740; #3,967. I've been sending a snapshot of me with each report - maybe this is the reason?? DX Down the Fortnight: 1/31- At 12:57 to 1:02am I heard children singing an anthem, probably TGW - I wonder if they're alive now after that tragedy? Log & second report to CHVD-1230 AN-FFC atop here often, as today, w/v/s supplied by Stan Morss, who visited me on 1/29 - a great time was had! The 1045 SS is Panama's HOJ2, but still not enough. They were still on @ 2:51am today, whereas they usually s/off on or before 2am. SM 2/1- With another Morss v/s, a second try for a verie to CKTL-1420, still another AN FFC, easy SMs w/WBSM off. The SS u/CKTL though was a Colombian today, not a Venezuelan, as they mentioned "Teatro Popular", "Caracol" & Radio Bahia." MM 2/2, Groundhog Day - Foggy/rainy @ lam start of DX session, but by 3, winds of over hurricane force in gusts went whistling down Anthony Street! My fifth Italian logging ever today on 1448k @ 12:33-1:08, weakish, this is a common wave with many stations, mostly 1 & 2kw, but there's one 50 and one 25kw. WTTI-1530 once again ETing, KRMG-740 doing same @ 1:38. The two Mo. TESTs were covered by ANs here, 1480 by WSAR testing. Unn WAJR-1440 ET/TT @ 2:20. WOBR-1530 also having a WX emergency like us, on @ 3:47 & on. 2/3- Today an SS dominated 740 @ 1:49-2:25, a "R. Eco", otherwise unID. Unn WVMT-620 noted @ 2:29, Vermont is seldom heard, even here! WCOP-1150 not on @ 2:33, odd. 2/5- "R. Centro Americana"-975 heard & logged w/hope of more another night, but not noted since- I hope the earthquake isn't the reason. 2/6- Snowing. Still another FFC AN reported for second try in CFLS-1240, again with Stan's v/s. Unn CHEX-980 atop @ 2:12. ET/mx on 1550 2:29-3:57 when they suddenly died, w/no IDs noted at all?? They used MoR - Bobby Vinton, etc. SM 2/8- An MoR w/NX @ :30 u/WEAN, unID, @ 2:30 WGEE-1360 heard s/off @ 3:06 w/SSB, not enough. WOOK topping 1340. CUN7.

IT LOOKS AS THOUGH OUR MUSERS HAVE COME BACK STRONG. PLEASE KEEP IT UP, AND YOU NEW LADS AND LASSES WHO HAVE RECENTLY INTRODUCED YOURSELVES - PLEASE STAY WITH US AND SEND IN MUSINGS REGULARLY! STICK TO 30 LINES AND STICK TO DX CHATTER. USE A.M. & P.M., E.S.T., PLEASE! DOUBLE SPACE!

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

CHAPTER XVI - "CHICAGO HEIGHTS" (part 2 of a series by DICK NORTHUP)
Probably the oldest station in Chicago was KYW, licensed in 1921. They had 1,000w on 560 & later increased to 1,500w. It was one of several Westinghouse stations of the early days, along w/KDKA, WBZ etc. An auxiliary station, KYWA, was added about 1926, as well as an experimental facility, KFKX, which had moved to Chicago from Hastings, Nebraska. KYW was indeed a Chicago oldtimer, but was eventually moved to "greener pastures", for a time in Cleveland & then on to Philadelphia. Another station on 560 was WJKS, Gary, Ind. a bit later, licensed in 1928 & sharing time w/WIBO, a far northside station. The latter was originally on 1330 dividing time w/WBEM. WMAQ was about the same spot on the dial then as now, 670 & in the mid-20s shared the band w/WQJ; at the Rainbow Gardens on the N side. They were owned by Calumet Baking Powder Co. & they ran a late show (to 12 or later) featuring a jolly Irishman announcer & MC named Jerry Sullivan, who was later with WSBC, if I recall. WQJ was bought out by WMAQ who then had 670 to themselves. WGN also has always been about the same as now. Licensed in 1924, it did operate briefly in 1922 or '23 under the call WDAP. A "sister" station to WGN made its debut in 1926 when WLIB, also 720, went on the air. This was owned by Liberty magazine, a weekly publication, & was, I think, a Chicago Tribune venture also. WEBH held forth on about 810k & was owned and operated by The Edgewater Beach Hotel on the N side w/a power of 750w. This was a grand hostelry with its Marine Dining Room & some of the finest dance orchestras of the time as well as cl ex was featured. WENR took to the air in 1925, sharing time w/WLS until it expired about 1951. WLS of course, stands for "World's Largest Store" (Sears, Roebuck & Co.). They were farm-oriented & their main programming featured the weekly "National Barn Dance" & Bill Hay. This even predated WSM's "Grand Ole Opry" by a year or so. Sharing with WLS was WCBD in Zion, Ill. This was o&o by Wilbur Glenn Voliva, a religious freak, who believed the Earth was flat. He used to preach fear-raising sermons predicting the end of the world, as well as his idea on diet. He was ever giving diatribes against pork & oysters - "Hogs, the scavengers of the earth, and oysters, the scavengers of the sea More CHICAGO next week.

NYC AREA GET-TOGETHER.....

No, HQ isn't having a get-together, but the MAD-men (Metropolitan Area DX'ers (a multi-club group) are.

WHERE: At Malcolm Kaufman's house, 32-14 73rd St., Jackson Heights, Queens, N.Y., 11370 (212)-457-8213

WHEN: SUNDAY, FEBRUARY 29, 1976 at 12 noon.

WHAT: A multi-band, multi-club GTG w/ DX talk, refreshments...

DIRECTIONS: By subway, take the IRT #7 Queens line to 74th St., and Broadway; walk to 73rd, turn right, pass Long Isld. Svcs. bank, walk about 6 blocks, and it's on the left just past 33rd Ave. BY CAR, call Malcolm or organizer Chris Hansen at (212) 595-1473.