



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

VOLUME 44, No. 10

10 JANUARY 1977

See, this year, we remembered to change the year, hi. Many changes, etc. effective with this issue. First, all columns arrived Wednesday noon, so the whole thing is a day late getting to the printer. With luck, we can still get it in the mail on Monday. Holding pattern includes more Convention pix, DXCHANGE edited at HQ, and some other stuff.

Please take note that we have a new editor for DDXD, Eric Rittenhouse, 2315 Dwight Way, #101, Berkeley, CA 94704. As mentioned before, DXChange will be edited at HQ for the foreseeable future. Likewise, this issue contains the introductory edition of our new GRAVEYARD DX column, edited by Harry Hayes. See inside for details.

ON THE INSIDE.....

- * The 1977 Frequency-Check List - Joe Fela
- * Graveyard DX - Harry Hayes
- Clippings - Various
- Long Wave Converter Details - Jim Hagan & Bob Foxworth
- 1975=76 NRC Annual Report - HQ
- Preliminary Report: "The 'Loaded Beverage' Antenna" - Frank Pailey
- * The 1st Cayman Verie - Eliot Straus (Thanks also to others who sent copies)

NEW MEMBERS

- Bill Whitacre, 2609 Devonshire Ave., Lansing, MI 48910
- * Larry M. Abraham, 3939 Sherman, Bridgeport, MI 48722 (joined 9/15, never listed before, sri.)
- * Larry Fox, 38 Emerson Pl., Valley Stream, NY 11580 (as above, again, sri.)
- Richard H. Troyer, 13130 Wooster St., NW, Massillon, OH 44646 (re-joined 9/15) (also not previously listed, sri.)
- * Bill Sole, 1003 E. 9th St., Hastings, NE 68901
- * Daniel Goodlett, 1260 Broadway, #305, San Francisco, CA 94109
- Stephen Doherty, RFD 1, Box 710, E. Holden, ME 04429
- * David Legler, 128 E. Magnetic St., Marquette, MI 49855
- * Peter Orisko, 1932 New York Ave., Whiting, IN 46394
- * Guy Kullmeyer, 926 Travis, Eugene, OR 97404
- * Dallas S. Lankford, 1310 Piedmont, Austin, TX 78757
- * Gene Nix, 429 No. 33rd St., #302, Billings, MT 59101
- * Emery Swan, 3 Faculty Rd., Durham, NH 03824
- * Douglas Feldman, 599 Wycoff Ave., Mahwah, NJ 07430
- * Glen R. Neal, 1005 N. 5th St., Sayre, OK 73662 (re-joins)
- * Donald J. Vojta, 4308 N. Moody Ave., Chicago, IL 60634
- * David L. Lerson, 1301½ So. 1st St., Harlingen, TX 78550
- * Bill McCarry, 509½ Main, Mt. Vernon, IL 62864
- * Lyle C. Henry (K700, K9DKW/7) 4381 N. Baker Dr., Kingman, AZ 86401

Whew! That's a good load of new members. Welcome to the NRC folks, and again, apologies to those of you who have been with us a while, but didn't previously make it to the front page. That should be the last of our foul-ups resulting from shipping the membership stuff off to Connecticut.

RENEWALS, FLASH TIPS, ETC SEE PAGE 46.....

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

C. P. C. TEST SCHEDULE

MONDAY	JAN.	10	-	0100-0400	* WBRB-1340	* Wilkes-Barre, PA	1000/250U	NRC
				0230-0330	* WGLB-1560	* Port Washington, WI	2500	NNRC
				0330-0400	* WONG-1450	* Anniston, AL	1000/250U	NRC
				0300-0400	* WYNS-1150	* Lehighton, PA	10000	NRC
MONDAY		17	-	0315-0345	* KUMA-1290	* Pendleton, OR	5000U	IRCA
				0230-0300	* WSDL-1560	* Slidell, LA	10000	IRCA
SATURDAY	1/15	or 22-		0100-	* KWBC-1550	* Navasota, TX	2500	NRC
MONDAY		31		0300-0400	* KAJO-1270	* Grant's Pass, OR	5000U	IRCA
MONDAY	FEB.	21		0200-0300	* WOUZ-1400	* Green Bay, WI	1000/250U	NNRC
MONDAY		28		0200-0400	* KAAA-1230	* Kingman, AZ	1000/250U	NRC
MONDAY	MAR.	14		0630-0655	* WOI - 640	* Ames, IA	5000L	IRCA
MONDAY		21		0200-0300	* WIGM-1490	* Medford, WI	1000/250U	NNRC

NOTES:

- KUMA** - No pgm. details. Will use NDA Day pattern. V/s: Bob Bretz, CE; Box 278, 97801. Arr: Nick Hall-Patch.
- WSDL** - Annual PoP. No pgm. details. V/s: George A. Maynard, P, 620 First NBC Bldg., New Orleans, LA 70112. Arr: Jay Florian
- WYNS** - No pgm. details but will use PSA 63 w. 0345-0400. V/s: David R. Baldinger, CE; Box 115, 18235. Arr: Dave Schmidt & Harry Hayes.
- KWBC** - This is a PoP, but I can't find any additional details at presstime, and it's too late to look and get this out on time, sri.
- WGLB** - No pgm. details. V/s: Richard Blueborn, CE, Box 347, 53074. Arr: Davis.
- WBRB** - TT & mx. V/s: Mrs. Maribel Baltimore, Pres., 62 S. Franklin St., 18703. Arr: H. Hayes.
- WYNS** - Selections by Bert Kaempfert Orch., Glen Campbell, V/s: Robert F. Crandall, CE, Box 1450, 36201. Arr: D. Lewis.

An R-390/URR repair service oriented to the MW and SW DXer, has been opened in the Midwest. Charles A. Taylor, 936 N. Temple Avenue, Indianapolis, IN 46201 (317-635-2164) will now accept R-390s and R-390As for repair. Terms, aside from parts and shipping costs, will be discussed on an individual basis. Charlie has six years of R-390 repair experience in the U.S. Navy, as well as a week of school on the receiver. Other receivers may be accepted for repair on an individual basis, subject to the same terms as above. Call 317-635-2164 weekdays and Saturdays, from 1800 to 2300 EST; Sundays anytime.

international dx digest

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

New stations, changes, skeds, etc.

ALBANIA A new station is operating on 1156 khz, power/location unknown. (DSWCI)

AUSTRALIA 2GN Goulbourne, NSW is now on 1370 khz to avoid QRM to the new 3MP-1380 Mornington Peninsula (Melbourne), NSW now on 24 hrs w/5 kw. (Foxworth)

BELGIUM The BRT is testing a new 300 kw transmitter at Wolvertem on 926 khz. This will replace the 150 kw transmitter at Wavre. (SCDX)

CHILE CD59 R. Presidente Ibañez, Punta Arenas is now on 620 khz, ex-590; CA64-640 is now R. Nacional, ex-Esmeraldas; CA82-820 is now R. Nacional, ex-Regional; CA90-900, correct power is 1 kw; CG103-1030 now R. Nacional, ex-Simon Bolivar, and the correct address is Casilla 117; CA93-930 is now R. Nacional, ex-Coloso; CD109 on 1090, correct name is R. Minería de Punta Arenas; CA126-1260 is now R. Nacional, ex-Centinelita del Norte; new stn on 1320 khz, R. Lincocyan, CD132 with 100 watts, address Errazuriz 221, Cauquenas; CD133-1330 now R. Regional, ex-Vicente Perez Rosales; new is R. Sargento Aldea, Casilla 552, San Antonio, power/call unknown, on 1570 khz. The following stns are off the air (numbers are those used in WRTH): 8, 27, 31, 61, 66, 92, 97, 108, 109, 135, 137, 140, 148 and 151. (SCDX via DSWCI)

COMORO ISLANDS The island of Mayotte, which in the independence election voted to remain French Territory, will get a new station using 4 kw on 557, 1420 or 1457 khz. (SCDX)

COSTA RICA Correct powers for R. Centro on 800 and Estacion X on 900 khz is 5 kw.

CZECHOSLOVAKIA R. Prague was sked to test a new 1500 kw transmitter on 638 khz from 11/27 to 12/23, 0800-1400. 953 khz will also get a power increase to 200 kw. (SCDX)

ECUADOR R. Nacional Espejo-550 w/10 kw, ex-R. Juventud; R. Mambo-560 now 50 kw; R. Sucre-695 now 50 kw; R. Quito-760 now 25 kw; R. Noticia-1080 now 10 kw and R. Libertador is now on 1235 khz, ex-600. (MWC) * Correct call for R. Tropicana de Cuenca on 1390 khz is HCRAS and power is 5 kw; HCR21-1590, R. Mensaje is now 1 kw and is sked 1000-1400 and 2200-0215. (DSWCI)

EGYPT A new stn is on 1239 khz, power/location unknown. (DSWCI)

EL SALVADOR Correct power for HRRQ-1330 is 5 kw. (DSWCI)

FRANCE The Nice transmitters have switched powers and programs. France Inter is now on 1349 khz with 300 kw, ex-1554 and France Culture is now on 1554 with 100 kw, ex 1349. The following stns moved to new freqs from 1241 khz on 9/29/76; Lille-1070, Nancy-1349 and Toulouse-1160. All carry France Inter. (DSWCI) New stns are Nimes on 1594 and St. Quentin on 1484, both with low power.

GERMAN FEDERAL REPUBLIC Europe No. 1 on 180 khz is to increase power to 2000 kw. BR on 1602 khz is now 370 kw day and nite. (MWC)

GREECE Athens is now 200 kw on 980 khz. Heraklion is now on 953, ex-980. (MWC)

GUATEMALA Correct call for R. Frontera on 1620 is TGCM. (DSWCI)

HONDURAS R. Swan is to resume operations soon on 560 khz w/3 kw, 950 khz w/5 kw and 1160 khz w/25 kw. Antenna tower and part of tx bldg destroyed by a bomb in July 1976 being rebuilt. (DSWCI) * La Voz Evangelica, Tegucigalpa is on 1390 khz w/10 kw, ex-1380. (MWC)

INDIA New stns/changes are as follows: Poona 970 khz 1 kw; Pondicherry-1060 khz, 1 kw, ex-750; Rohtak 1100 khz, 10 kw; Madras B 1150 khz, 1 kw, ex-1420; Darbhanga 1160 khz 10 kw, Jabalpur 1350 khz 20 kw; Bhopal A 1440 khz 10 kw, ex-1520; Kanpur 1550 khz 10 kw. (DSWCI)

IRAQ The 2000 kw transmitter at Babylon is now on 1035 khz, ex-1038. (DSWCI)

ISRAEL "Galei Zahal" stns at Haifa on 1304, BeerSheva on 1367 and Golan on 1367 are to increase power to 20 kw, from current 5 kw at a later date. (DSWCI)

ITALY A new station is located at Milano with 30 kw. (DSWCI)

INDONESIA The following is a list of new stations from DSWCI.

540-Bandung, 10 kw	927-Pekanbaru, 50 kw	1134-Banjarsain, 50 kw
585-Surabaya, 100 kw	954-Kendari, 10 kw	1170-Semarang, 50 kw
630- ? ? ?, 100 kw	963-Jember, 10 kw	1185-Danjung Pinang, 5 kw
720-Jabon, 10 kw	972-Surakarta, 50 kw	1206-Denpasar, 10 kw
756-Purwokerto, 10 kw	990-Jakarta, 300 kw	1215-Semarang, 10 kw
801-Semarang, 10 kw	1008-Mediam, 10 kw	1233-Pontianak, 50 kw
810-Merakke, 10 kw	1052-Jayapura, 10 kw	1251- ? ? ?, 10 kw
845-Bandung	1080-SingaraJa	1287-Palembang, 50 kw
855-Nedan, 100 kw	1098-Sunensep, 10 kw	1323-Malang, 10 kw
Mataram, 10 kw	1107-Yogjakarta, 10 kw	1530-Padang, 10 kw
864-Cirebon, 10 kw	1116-Biak, 10 kw	1098-Jambi, 10 kw

Somewhere else (I can't remember where) I've seen the freq of the Jakarta stn given as 999 khs. (ND)

LIBYA The new stn on 539 khs is located at Tripoli, 500 kw. Another new stn is on 1061 khs, power/location unknown. (DSWCI) * Stns on 1124 and 1250 khs have reduced power to 500 kw from 1000 kw, and the one on 827 khs to 300 kw from 600 kw. (NWC)

NOBODOD Tetian, nominally on 1052 is now on 1057 khs with 20 kw. (DSWCI)

NEW ZEALAND NZ will adopt Daylight Savings Time from 10/31/76 thru 3/6/77. Time will be GMT plus 13. (Foxworth) // (DSWCI)

NIGARAGUA R. Monumental on 580 khs, ex-R. Nunum, now 10 kw; power for R. Americas on 790 is 3 kw; R. Hita-980, ex-Uho; correct call for R. Nunum on 1090 khs is YNMA; new is YHTY R. 11 de Julio, Managua, 1180 khs, address Apartado 3336, sked 1200-0400; YNIX R. Santa Maria is now on 1190 khs, correct location in Mandalee, sked 1200-0400; YNEB is now on 1330 khs, ex 1215, using name R. Cima, sked 1200-0400; correct location for R. Frontaran-1770 is Boaco; YHPT-1500 is now R. Minuto, ex-Reloj; new stn on 1570 khs w/500 watts, R. Matigusa in Matagalpa, sked 1200-0400.

NORWAY NRK is planning a 1200 kw stn at Stavanger on 1314 khs for 1979. Plans have to be approved by parliament but this is considered only a formality. (SWM via Boomer) I find this interesting - the first Nordic country to join the NW power war. (Boomer) They've got to do something with all that oil money. (ND)

PANAMA R. Cristal is now on 1340, ex-1320. (DSWCI)

PANAGWAY La Voz de Anashay is now on 570 w/10 kw, ex-560, 24 hours; EP6 R. Guaira on 840 is now 7 kw. (DSWCI)

PAKISTAN PBC can be heard on 585 khs w/Foreign Service, probably Islamabad w/1000 kw. A new stn is also on 1300 khs, w/off at 1810. (DSWCI)

PERU A new stn at Tacna is due on the air on 830 khs w/10 kw. (NWC)

PORTUGAL A new stn is on 962 khs, power/location unknown. (DSWCI)

SARAH MALAYIA Sandakan is now on 780 khs, ex-1080. (Stn via Maguire)

ST PIERRE ET MIQUELON According to an article in the Montreal Gazette for 12/13, France is building a high powered transmitter here to broadcast French culture to Quebec and Acadia. (Parmerie) Comments from Tom: "Enclosed article, from this morning's Montreal Gazette would seem to say that St Pierre will be up to the 50 or 100 kw class (or more)! If they expect adequate coverage of Quebec. No doubt there would be a freq shift to the lower part of the band also? St Pierre is one of the windiest places on earth in winter, so I'd kind of doubt any new antenna going up right now. Nevertheless, be on the lookout for the hi-power (and freq shift). I value my old 1000 watt QSL even more now!"

SPAIN New NRK stn at Logrono on 728 w/20 kw. NR12-Cabra is now on 1570, ex1133 and EPJ51 Huelva now on 1570, ex1097. The following local stns have increased power to 10 kw: RAJ5-809, RAJ8-1025, EPJ15-1025, EPJ56-1133 and RAJ43-1412. (NWC) NRK Zaragoza on 638 khs has increased power to 20 kw. (DSWCI)

SRI LANKA Trans World Radio is sked to begin tests from now 400 kw stn in Feb. 77. Freq not finalized yet. (DSWCI) Info from stn says freq will be 890 khs. (ND)

SWEDEN Power reductions: Notala on 151 khs to 300 kw from 600; Sundsvall on 593 khs to 10 kw from 150; Falun on 1223 khs to 10 kw from 100. (NWC)

SYRIA Dar El Zier is now on 827 khs with 60 kw, ex953. (NWC)

UNITED ARAB EMIRATES R. Dubai on 1106 khs has RR 0230-1630 Sharjah D/C stn will be testing a 300 kw transmitter in 1976 on 1575 khs. (DSWCI)

URUGUAY A new station has been authorized for Melo on 1390 khs with 2500 watts day and 1 kw night. CE32-1170 is now Radio El Mundo, exdur. (SOCI) * The SCSH stns on 650 and 1290 khs have increased power to 30 and 10 kw respectively. R. Continental on 730 khs, call. Ariel. Power now 15 kw. R. Oriental on 770 khs is sked 0900-0430. R. Cerro Largo on 1520 and R. Regional on 1590 both new 2 kw. (DSWCI) USSR New stations, location and power unknown on 701, 1205 and 1592 khs. (DSWCI)

YUGOSLAVIA Belgrade I on 683 khs to 1000 kw and Ljubljana on 917 khs to 600 kw. (NWC) * New stn at Radar on 1392 khs w/10 kw. (DSWCI)

INTERNATIONAL WATERS R. Caroline has been testing a new outlet on 962 khs, 312 meters, during the early hours of the morning, when their 192 meter service is off the air. On Wed. 11/17 both the 259 and 192 meter stns were off the air for over an hour and the new 312 meter net was tested in daylight hours between 1305-1400. // Contrary to previous reports, the HBI radio-ship Hebe 2 is still in Kijkerveer harbor, near Rotterdam, where it has been now for over 2 years. Hebe Ltd. in Switzerland claim that they have sold the Hebe 2, now that Switzerland has its own anti-pirate law. The Dutch govt had given the new owners 11/18/76 as the deadline for the Hebe 2 to leave Holland, but it has now been extended to 12/12/76. (SCHI)

From Dario Nonferoni, via RHC comes the following info on private NW stns currently operating in Italy:

1060-R. Effe, Udine, 24 hours, power less than 100 watts. Address Viale Volontari Della Libertà 10/G, 33100 Udine.

1205-L'Aradio Riviera Aperta, Bologna, power 300 watts, operates irregularly, mainly 1200-1700. Address is 1 Venturoli St., 40138 Bologna

1500-R. Sabbia, Roccone, power 10 watts, testing. Address Residencial Valverde, 63 Milano St., 47036 Roccone.

1615-Cama Radio Milano, Milano, power 100 watts, 24 hours, at times //6308 khs. Address Radiant, 41 Pava St., 20124 Milano. Currently do not verify, but they are interested in reports.

Some comments on Broadcasting in the USSR from Randy Seaver:

"USSR - Various reporters in IODE have reported Soviet Far East stns as 'FES', presumably meaning 'Far East Service'. In the 1950's they had such a service, but it no longer exists. The Far East stations receives the same program as the rest of Russia. The various programs are:

- 1) First program - this is generally a cultural program (dramas, operas, classical music, etc). The 10 note IS used on the hour is that shown in WTH and has been characterized by HERS as 'Kreslin Belle'. It is the same IS as the Foreign Service uses. Stns w/this prog include 665, 882, 973.
- 2) Second (Mayak) program - this is a news and popular music prog. The 10 note IS used is that shown in WTH and has been characterized by HERS as 'Midnight in Moscow' chimes. 6 pipe are played on the hour. Stns w/this prog include 948, 575, 840, 1525.
- 3) City program - this is a locally produced prog for some cities. I've heard no IS, but have had 6 pipe on the hour on 810.
- 4) Foreign Service - this is non-Russian prog, we hear OC and EK on 584 and 647 regularly. The IS is also the first program IS (so-called Kreslin Belle). WTH lists languages and frequencies (in meters).
- 5) R. Station Peace and Progress - this is a non-Russian prog that is supposedly entertainment rather than propaganda. It is broadcast on Foreign Service freqs and uses a 6 note IS at the opening of the program.

I have found the WTH 76 to be accurate w/respect to frequencies, programs and times, except on 840 (it lists 1st prog, we hear Mayak). For those interested, SPENK publishes an excellent review of Soviet broadcasting periodically; unfortunately is in SW only, but the program information is verifiable."

Member Chuck Hutton (known in some circles as Up Chuck) has drawn up a set of bar graphs showing TA skeds. The list is 34 pages long and has a separate graph for each frequency. Copies are available for the cost of learning and postage. If interested write to Chuck at 2114 Myrtle Lane, Apt. 1, Decatur, Georgia 30033.

With any luck at all, we'll soon be finished with this material, some of which I've had on hand for 3 months, hi.

06
 MEXICO The following info was culled from a long list sent in by Dick Clark of El Paso. This is more or less an updater for the Mexiglen list published in 1974. The only material I used is that which differs from info appearing in the Mexiglen list.

560-XEVA Inactive	1270-XEW, name E. Sensacion
630-XEID Inactive	1300-XEEN, name E. Sensacion
680-XEFO, name E. Sensacion, La FO	1310-XEFT, name PH, R. Planta
790-XESU, name E. 7-90	-XESU Inactive
800-XEWH, name E. Sabajedera	1340-XEWH, name La Pantera
850-XEM, name La Chica 75	1350-XEHL, name La R. Centro
-XEEF, power 250 watts	-XETM, name XETM
950-XEFA, power 500 watts	1360-XEHI, name La Pantera
-XEGN, power 25 kw days, 5 kw nites	1370-XEHP, name E. Varieladas
980-XEGQ, name E. 98, La Voz de la Ciudad del Golfo	-XERC, name E. 13-70
990-XEGL, name GL, Radioaram	1380-XEKT Inactive
1010-XE—, new sta, 1 kw, E. Rosanico	1390-XEIV Inactive
1050-XED, name La D Grande de Mexicali	1450-XEQS Inactive
1150-XEHN, name E. Sensacion	1470-XEHC, name SON de Tijuana
1190-XEHC, power 250 watts	1490-XEAG, name XEAG, Canal Juvenil
-XEVW, inactive	-XEDG Inactive
1240-XEOD, name E. Mexicana	1590-XEHC Inactive
1260-XEOD, nite power 250 watts	

Some of the stns listed as inactive are new OPs that have not come on the air as yet. The new sta on 1010, I accidently cut the location off the item and now I can't figure out what it was - sorry bout that!

GREAT CIRCLE CHARTS For those of you that might be interested, GOC for some locations are available from the government. I don't have a complete list, but I do know that they are available centered on Washington, DC, Norfolk and somewhere near Seattle. The one centered on DC is number 5185 and the cost is \$3.50. It is available from Director, Defense Mapping Agency Depot, 5801 Taber Ave., Philadelphia, Pennsylvania 19120. If interested, write to them and they would probably send a list of what is available.

That is absolutely everything that has been building up here since last September! Glad to have that out of the way, hi. Only took 5 plus hours to get this prepared and typed - I started at 0400 this morning and its now 0910. Its only 12/28 so I won't start on what's been hrd yet - so far it doesn't look like it'll be that big but there's still 2 days to deadline, and who knows what will show up, hi.

Now, what's been heard

525 -COSTA RICA R. Humbo, Cartago, 0330 12/15 fair sigs but weak audio w/QM fa beacon sta "UPP". (Jones)

529 -ALGERIA Ain Baida fair w/f AA chants and inst ex, 2250, 12/10. (Connolly)

535 -GRENADA R. Grenada, Worms Rouge #800 12/11 fairly strong sigs in EN w/local ex. (Jones)

545 -DOMINICA R. Jumbo 12/25 0014-0035. Reggae ex, reverberated FF at room volume, numerous mentions of R. Jumbo. Who says there's no Santa Clause? (Swearingen) * 0110 12/11 strong sigs, FF/pop ex. (Jones)

548 -ALGERIA Good w/man chanting 0643 12/11; vy air, no sleep. (DeLorenzo) * Oran good w/AA pgs, //529, stronger than 529, 2251, 12/10. (Connolly)

566 -IRELAND (Location?) (Tullamore, ED) presumed, IS repeatedly until 0730 w/presumed a/cn, good carrier, but WNGA splash killing audio 12/23. (Straus)

575 -COSTA RICA TIRA R. Cucu good w/SS pop ex, ID and "OOO-ooo" sound effects at 0623 12/11. (DeLorenzo)

620 -HAWAII Kilo, KIPA a/off 12/5 1201 w/RTAS off. (Seaver)

630 -CUBA ONG Habana trashing KRCW 12/27, 1001 w/chimes for ID, "La Voz de Cuba", usual propaganda in ID. N/f anora. (Swearingen)

640 -UNITED This was not ONG; hrd on 12/24 at 0255 w/a sacx in SS w/reverb and mention of Venezuela. ONG almost absent. (Barnes)

647 -ENGLAND ESC Daventry 0624 main points of ex agn. to 0630 off w/note for listeners in Europe to tune to 31, 41, 49 and 75 meter bands. Then CG 12/27. (Straus) * Xint w/World Service in EN 0624 12/27. WIM TT troubleshoots. (Schman) Turned out to be a pretty big column after all - 12/27 must have been xint for T&I!

650 -COLOMBIA NJJI Bogota, 12/27 0700. Charleston, Bergen ex; TU for both Colombia and Panama. Balsera Monserate mentions. (Swearingen)

-MEXICO Los Mochis, Sta. XETM 12/4 1113 w/R. 65° ID. (Seaver)

-VENEZUELA YVLM good sig w/R. Vision Ede, 0918 12/27. (Baires) * ID sung by mixed group, 0907 12/27. O/u Monserate. (Swearingen)

660 -MEXICO XEHW Mexico, DF 0558-0607 12/26-27. US rock, disco ex; like a local here. ID format: whoop, whoop, whoop, "R. Uno" (reverberated), ex bridge (anything from rock guitar riff to "Marsas Concerto"), "La Liberacion", ex fade. Hard to miss. (Swearingen)

-ST LUCIA R. St Lucia, 0930-0959, Wahoo! Apparent a/cn didn't listen such to man talking, thought was WHSC, didn't know they were off WMA as they are rarely hrd, man in British accent, into ex 0945, ID "This is Radio St. Lucia, 660 khs, ___ aka". Waited for ID on hour but WHSC a/cn obliterated it. Weak EN under then both slaughtered by YVMA. (Baires)

-VENEZUELA YVMA 1003-1005 tuned in middle of their a/cn mentioned "Coro", is that a city? 12/27. (Baires) Core is city of license. (ED) / (Schman)

683 -SPAIN/TUGOSLAVIA Sevilla and Beograd about even - one w/sale in SS; other w/seed-cl ex, 12/23 0245. Still no positive ID fa Beograd but little else likely.

719 -PORTUGAL Forte w/man in FF, equaling WGN level, 2215, 12/7. (Connolly)

720 -CUBA ONG loud w/a/f in EN, WGN wq-w/a/big band jazz, 0946 12/19. (Connolly)

725 -SRI LANKA SHS 0230 12/19 good sigs w/Dyrek loop taki-taki/local ex and DJ comments. (Jones) * Potent w/Caribbean style reggae-rock, 2300 12/10. (Connolly)

730 -COLOMBIA Bogota NJOU R. Melodia o/u OKAC w/ID, f SS vocals, 0944, 12/19. (Con)

737 -SPAIN/UNIT Barcelona good w/s in SS 0328 12/23. Slow (approx. 1 hr) SAN w/ them. Perhaps Tel Aviv w/EN ahead at this time. Will keep trying for positive ID. (Schman)

740 -NORTHERNAT R. Antilles still escapes me w/an ID, 12/13 0920-30 tuning sig 10 sec long, 16-18 sec apart continuous. FF talk at 0930 and on. KCRS CG thru-out and TT at 0932 killed it. (Seaver)

750 -NICARAGUA YMI Managua, US rock, soul ex. "La Equis" in middle of records. In like a local w/MSB 12/26 0433. (Swearingen)

755 -PORTUGAL Lisbon good w/cl ex, then f in FF, 2304 12/10. (Connolly)

760 -COLOMBIA NJAJ Barranquilla. Panfare, mentions of "RGR"; "La Voz de Barranquilla", no WJR. 12/25 0336. (Swearingen) * Atop WJH w/ID, SS talk, 0630 12/19.

764 -SENEGAL Dakar noted often w/good sigs. (Connolly) / (Straus)

770 -COLOMBIA EJKH R. Tequendama w/MBC off, slnt sigs, ada, vocals, 0815 12/13. *Settling 2nd LA 0739 12/14. (DeLorenzo)

-JAPAN JOUB 12/13 1311 w/IJ w/KOB. KOB too strong to really hear. (Lobel)

773 -SPAIN Gacera et al fair w/a/f in SS, 2322 12/11. (Connolly)

782 -PORTUGAL/UNIT OS89 dominant w/pop ex 2205 2230 12/15; seemed to be man in GG w/so possibly Burg. (DeLorenzo) * Good w/disco ex, 2313, 12/11. (Connolly)

800 -NETHERLANDS ANTILLES PJB Bonaire 0190 12/11 strong sigs, SS religion. (Jones)

805 -UNIT LA 12/13 1114, likely CA, poor audio. Weak carrier 12/6 1115. (Seaver)

810 -COLOMBIA R. Sutatense, Bogota 0100 12/20 dominant on channel and good copy, ex in SS. (Jones) * U/Jumble of stns as I tuned across 810 at 0103 12/15. (Barnes)

818 -ANDORRA Sud Radio fair w/s in FF, 0600, 12/19. (Connolly)

-MOBODO Babat hitting loud peaks w/mixed group chant, 0212, 12/8. (Connolly)

825 -COSTA RICA TIOS San Jose, R. Titania, best ever this sta, 0650-0730, "Titania" (echo chamber) before each selection, some EE vocals, 12/10. (Straus) * Is such louder these early AMs and 0630 than here-to-fore, w/the sexy (I guess) femme cooing "Titania" in the middle of each record. (Cooper)

-COSTA RICA/PANAMA TIOS at first dominant w/s in SS w/professional style, then Macaracas, Panama rose atop w/fast SS talk (seemed like a political speech) w/several mentions of Macaracas, 0539-0540 12/19. (Connolly)

830 -UNIT Something speaking SS surfaced here briefly at 2330 12/22 w/possible mention of Maracaibo. Vanished w/VCOO before I could hear any more. (Barnes)

834 -SRI LANKA R. Balise a/off w/prayer EN 0602, xint, 0604 a/off anst, freqs, 6AM local return, 0605 NA. (Straus) * 12/11 0140 "Am chair copy", EN. (Jones)

840 -UNIT 0951 man in EN pgs, St Lucia of Haiti, British accent. 12/27. (Baires)

850 -GUATEMALA TUI Guatemala City, 12/27 0744, 1200. Mx variety: Mexican, tropical. Loose format, w/DJ talking o/shoulder to someone (who talked back), chuckling, stuttering, etc. (Swearingen)

-MEXICO/UNIT Sta later IDed as XETQ in Orizaba battling it out on this freq; the EE, usually dominant on this freq had a pgs of soft LA vocals at 0107 12/15. The other stn, whose location I don't know, had that sound like an amateur show, w/applause. At 0109 IDed as T. Tama de Plata. Who? (Barnes) Likely TUI.

- 852V -NORTH KOREA Pyongyang, R. Pyongyang outlet noted here 12/13 0950 //655, 1100 pipe (---). (Seaver)
- 855 -UNID TP 85 plus carrier 12/23 1118, Definitely 855, not 894. Possibly Indonesia, loops south of Japan. (Seaver)
- 860 -DOMINICAN REPUBLIC HILB, Santo Domingo. R. Clarin mentions, patriotic talk about paper industry. 12/27 1205. (Swearingen) * Super loud/clear 12/17 w/ID at 0830 as "R. Clarin en el ocasion pueblo". (Rychalsky)
- 863 -FRANCE Paris strong w/FF talk, sz 0439 12/27 seemingly //1554. AA pgs doesn't start until 0500 on French Culture net. (Eckman)
- 864 -UNID TP 12/15 1143-50, only traces of w/f, S7 at times. Also loops south of Japan. Intriguing and elusive sig here, S6 best, some audio 12/5 1204-1900. Deep voiced male in non-OC, non-EX, Austronesian type language. Perhaps Malaysia, Philippines or Indonesia. Only a carrier 12/6 1130. This may be a new Indonesian. (Seaver)
- 900 -BARBADOS 0936-0938 t/in w/X-mas carols. (Basires)
- 908 -ENGLAND Brookman's Park in late afternoons almost daily, but particularly on 12/24 arnd 2100, umn. (Cooper)
- 935 -MOROCCO Agadir powerful w/f AA vocals and accompaniment w/violin, drums and flute, 2325, 12/10. (Connally)
- 940 -MEXICO XEQ Mexico DF hrd on 12/27 at 0113 w/some kind of LA sx. M ancr then XEQ single. (Barnes)
- VENEZUELA YVW R. Punto Fijo good copy 0235 w/Dynak Loop, SS vocal pop sz, 12/20. (Jones) * Frequenced the one 12/13 1005, 1061 w/R. Rumbon sx and 2 note chimes. (Seaver)
- 950 -MEXICO Huava Roelia, Coah, XEYJ, "R. 95" 12/6 1019 w/call, slogan, Yankee Doodle. Must be 1 kw nites now. (Seaver) * Balanced power about 4 months ago to 10 kw per veris, explaining the many recent reports. (Hutton)
- 960 -MEXICO Huava Iaredo XEX. Hrd at 0713 on 12/25, w/some kind of LA sx and w/anor IDing w/call, also giving power. (Barnes)
- 990 -MEXICO XEEL Mexicali, BC 12/6 0657 a/off. A pest to me; but, perhaps some of you may want to know their a/off time. (Lobel)
- 1005 -COLOMBIA HJDF Faiva 12/20 0900 w/SS. Best ever. ID "Feliz Navidad de Radio Caracol". (Lobel)
- 1010 -MEXICO XEHL Guadalajara, 12/27 at 0647 w/some kind of LA sx and a IDing as "La HL". (Barnes)
- JAPAN Osaka, JONR briefly even w/XEHL 12/4 1059, pipe (---) 4 sec sequence, same pitch on the hour presumed JONR. No positive ID hrd. (Seaver)
- 1016 -WEST GERMANY Baden-Baden w/xlnt sig at 2115 on 12/24, w/alt background fr the Turk. (Turkey hiding before Christmas??) (Cooper)
- 1025 -SPAIN R. San Sebastian, 2nd report sent to this one in nicely on 12/24, 2047-2110 w/another stn seemingly in SS too. (Cooper)
- 1030 -MEXICO XEQS Mexico, DF, R. Centro mentions. "Johnny's Got A Girl Friend" whistle, sx in IDa. Totally dominating freq. 12/27 0032. (Swearingen) * ID as "Radio Centro, La Gran Familia Mexicana" 0800 12/13. (Strauss)
- 1035 -HAITI 4WEC 12/26 1000-1008 "Come All Ye Faithful" pops on at 1000, followed by "First Noel" 1008 a/on in SS. (Basires)
- 1040 -CHINA Shanghai 12/13 1248 w/lots of QM fa WHO and lots of QM too. (Lobel)
- 1043 -EAST GERMANY Log taken and report sent on whichever one this is - is it Burg or Dresden? I sent it to the Berlin address for DGR given in the WRTH, and asked where this station is. Logged also 12/24 2100-2153 (tuning back and forth from 1025) and also on 12/23, 2100-2124. They have five short time pipe going into the hour and one long on the hour. (Cooper)
- 1052 -ENGLAND Druitish, umn, w/strong sigs on 12/24 late afternoon. (Cooper)
- 1088 -ENGLAND/ALBANIA Both about even w/England in GG pgs 0446 12/27. Albania had 11aa sx. (Eckman) (Hutton)
- 1090,8 -COLOMBIA HJLA, nice ID 12/20 at 0502 as "Ondas del Navado, Manisales". Strong.
- 1097 -CZECHOSLOVAKIA Bratislava weak but fair sig at times, f w/nx in Slavic language, 0903, 12/27. (Waterman)*Potent at 0408 on 12/27. (Dangerfield)
- UNID SS TA 12/24, 2130-2200 - vy fady and betty - I hoped for Canarias, which are needed, but mid and not enough anyway. (Cooper) (Swearingen)
- 1110 -MEXICO XEYQ, Rio Bravo. "R. Juventud" mentions, ID 0032 12/26 w/0XFB.
- 1115 -NICARAGUA YFP R. Circuito has returned. Hrd 12/18 and other days to 0605 a/off w/mix of SS and SS rock, simple "Circuito" IDs. (Hutton)
- UNID SS LA Hrd 12/19 0645-0734 t/out, and gone after 0800. Noted again 12/28 0555-0600 a/off, w, I believe, the NA of the Dominican Republic. (Cooper)

- 1140 -MEXICO XEMH Monterrey hrd on 12/27 at 0524 w/LA sx and jingle. (Barnes)
- 1170 -COLOMBIA La Vos de la Heroica logged 12/25 0729-0737 o/WVA who did not a/off this year on 12/25, then they faded w/this and gone. Reported. (Cooper)
- 1176 -OSTIA MIGA TIQ R. Gaslao 0540-0604 a/off, xint peaks, EE ancr, Nat King Cole song, other EE NoB vocals, 0558 "Goodnight My Love", 0601 "This is radio stn TIQ ----- Central America signing off, 0604:30 power off after NA on 12/23. Tux for EPS list! (Strauss)
- 1178 -SWEDEN Horby on top after 0430 12/27 w/mid behind. (Dangerfield)
- 1187 -HUNGARY Szolnok vy good at 0505 on 12/27, first hrd in many a moon. R. Caroline seemed to be off. (Dangerfield)
- 1195A -MOROCCO R. Centromerico, logged 12/25 also, 0821-0858 w/such Christmasy sx and report sent. (Cooper)
- 1200 -VENEZUELA YWCE Radio Tiempo 1013-1015 w/2 a in rapid fire SS talk, ID 1015 12/27. (Basires) * Latin vocal, R. Tiempo mention, TG, 1 min inst, fade, onset of next vocal. Room volume. 12/27 0825-0905. (Swearingen)
- 1205 -CAYMAN ISLANDS Vy clear at 0310 12/27 while the 1555 outlet was not noted at this time. (Dangerfield)
- FRANCE Bordeaux fair w/man in FF, o/WCAU also, 0620 12/19. (Connally) * Fair w/female in FF 2155 12/15 then WCAU also. (DeLorenzo)
- SIBERIA LEONE Przetown probably the S7 plus sig 12/11 looping W. Africa 0620. Little audio. Noise level and QM makes this tough here. (Seaver)
- 1220 -BRAZIL R. Globo, Rio up fa 1180 hrd at 0725 w/Globo ID and a in FF, vocals on 12/13. (Strauss)
- 1232 -CZECHOSLOVAKIA Assumed 12/27 fa 0604 til 0613 w/quiet piano jazz, SAN but no audio fr Morocco. (Hutton)
- 1265 -ST KITTS H. Paradise 12/26 1009-1012 Christmas carols. (Basires)
- 1268 -WEST GERMANY DLF Bismarck xint w/male in GG various times between 0445-0630 on 12/27. This stn not particularly common here due to relatively northerly path. (Eckman)
- 1270 -MEXICO XEHT Nogales, Son. 12/20 1028 several good IDs w/XEAS off. Sanchez and Imae sx. Mention of Nogales at 1040. Hebeck 1210 and still there. (Lobel) * "R. Gary" AF 12/20, noted 0945. (Seaver)
- 1277 -FRANCE Strasbourg bagged at last 12/27 at 0554-0603 t/out. Fair sig, peaking nicely every couple of mins. Much f in FF taped. (Hutton)
- 1286 -CZECHOSLOVAKIA Praha-Welink strong w/male w/apparent sx, 0432 12/27. (Eckman) *Fair w/man in Slavic language, 0504, 12/19. (Connally)
- CZECHOSLOVAKIA/POSS UNID 3 different recent receptions, each yielding something variable. On 12/21 at 0350, a German type "compah" band w/tubes, etc. Not sure who. At 0030, 12/27, a man speaking in EE discussing opera and the last years of Mozart's life, followed by cl sx. At 0425, singing, vy strong sig. Too busy to stay. (Dangerfield)
- 1295 -ENGLAND Crowborough BBC poor/fair w/s talking, possibly FF, audio vy heavy. 0514 12/19. (Connally)
- UNID 2 stns after 0430, neither sounding like BBC which used to be the powerhouse here. (Dangerfield)
- 1304 -POLAND (Various) in well at 0024 on 12/27. (Dangerfield)
- UNID Stn here w/ON in Slavic-like language (definitely not SS, FF) 0429 on 12/27. Briefly vy strong. (Eckman)
- 1322 -EAST GERMANY probably. Amazing sig fa 0412 to after 0440 fa what was most likely R. Volga relaying Moscow. Woman in language like EE (later a man), and some most unusual, almost Mid-East type, folk sx. I would say was EE. (Danger)
- UNID Stn here w/s in what seemed to be GG peaking at good level 0450 12/27. WRTH lists R. German here but it's a R. Moscow relay. (Eckman)
- 1358 -EAST GERMANY Berlin-Kopenik quite good w/definite w in GG 0509 12/27. Domestic also troublesome at times. (Eckman)
- 1376 -FRANCE Lille xint //1554 w/AA pgs 0443 12/27. (Eckman)
- 1385 -CANTON ISLAND XEEL SS at times, 12/6 1026 w/XEL sx. Amazing sig of 250 watts over 5000 miles. (Seaver)
- LITHUANIAN SSR Kaunas quite strong at a/on at 0500 on 12/27. (Dangerfield)
- 1394 -AUSTRIA/ALBANIA 2 stns mixing here at 0428 12/27. One on top was almost definitely //1475 w/accordian sx; likely Graz which is listed //1475 in WRTH. Tirana all alone by 0557 w/Internationals. (Eckman)
- 1403 -GUINEA 12/20 0527. The het was here again; coming and going. Could not raise any audio. I'm going to get this one yet! (Lobel) * Xint many nites in Dec. as has been the case virtually all season except that they have better audio now. Noted f/in at 2004 12/14. Was xint at 0015 12/15 w/2 men in FF w/several (Cont)

- 1403 -GUINHA (Cont) mentions of "Guinea", "Revolucion" all on tape. (Bokman) * Vy clear 0415 12/17 w/man in FF; into drum and flute sx after 0430, hrd while reading IRND of 12/13; in again next mite but weaker. (DeLorenzo) * Pair w/ African vocals and drums, 2387 12/11, during predominately low-latitude opening. (Connally) * Excellent sig (89 plus 20 at times), fair audio 12/10 0458-0605, drums across 0500, 0600, anthem sx 0601, then snre drums. On 12/11 0616-0702, beat ever talk by OM in vernaculars 0625, guitar sx 0945. No IDs hrd. Anyone have any idea when they consistently ID? (Seaver)
- 1410 -MEXICO IRMS Mexico, 89 hrd on 12/27 at 0640, vy faintly and alone on freq, w/ LA sx and R. Sinfonola ID given by a ancr. (Barnes)
- 1412 -YUGOSLAVIA Pristina in well at 0445 on 12/27. (Dangerfield)
- 1420 -MEXICO INF Ciudad Juarez, Chih. 12/20 1246 good ID w/MEXI off. Have sent reports before that have not been verified; logged as tape varie. (Lobel)
- 1421 -WEST GERMANY Saarbrücken atop freq at 0440 12/27. Had lunch there last summer. (Dangerfield)
- 1439 -LUKSEMBURG Harnach good w/s seemingly in GG 0447 12/27. Vy little domestic slop at this time. (Bokman) * Potent w/Musak, 0629 12/19. In EE w/pop sx at 0057 12/20. (Connally)
- 1440 -MEXICO IRMI Mexico, DF 12/27 0910 good "Radio A I" ID at 0911. Ranchera sx. See stn here; report ext. (Lobel)
- 1448 -ITALY A vy weak sig from the Italian symphony 12/27 at 0517, man up in II and into lively pop song and gens. (Hutton)
- 1457 -ALBANIA Durres, strong w/West in Ned IS 0430 12/27. F in uid lang. (Bokman)
- 1457 -ENGLAND Noted TT 12/27. Short tones, about 3 seconds apart followed (vy similar to what Daventry-047 does before a/on). Almost certain I hrd a "Radio A" ID at 0539. In any case British accented EE was audible 0601. WPTH lists only low powered outlets for Radio 4 on this freq. Perhaps a power increase? (Bok)
- 1466 -HONOLULU TVE xint w/IS 0442 12/27. GG rel pgs at 0445-0515. (Bokman) * 0500 12/19 good sigs on LW antenna, GG Xmas choir sx. (Jones) * Strong w/tyms in GG 0444 12/19; this was followed by w/f in GG. (Connally)
- 1470 -MEXICO 12/25 many Mexicans mixing here. No positive ID on any of these possible. Suspect IRMI, IRSM, IYXR. IRBNC off. (Lobel)
- 1475 -AUSTRIA Vienna vy strong sig w/band sx, GG talk; IS and ID at 0440. Also, vy really hrd on small pocket transistor. 12/27. (Waterman) * Never hrd so strong or clear as at 0430 on 12/27 (except, of course, when staying in Vienna last August). (Dangerfield) * Xint (better than Monte Carlo-1466) 2235 12/26 w/a in GG. Noted better than WDR-1586 at 0424 12/27 w/GG type sx. (Bokman) * Coc, breaking c/1470 and 1480 slop w/sx, vy fadey, 0443, 12/19. (Connally)
- 1475 -UNID Stn here 0430-0530 various times 12/27 w/Vienna. Slow SAN on Vienna when this one faded up. Perhaps the Ukrainian here as Iberians weren't all that strong at this time. (Bokman)
- 1484 -ENGLAND (Tentative) Noted apparent TT 0551 12/27 at same time as 1457 was TT ing. Several other stns under. (Bokman)
- 1484 -UNID At least 3 stns were strong after 0400 on 12/27. (Dangerfield)
- 1502 -POLAND Warsaw xint w/familiar piano IS 0530 12/27 then pgs in GG. Noted IS agn at 0600 but being chewed up by other stns (likely Spain) at this time. (Bok)
- 1525 -COSTA RICA Turrialba "R. Columbia" 12/6 1040, good ID 1102. Xint level for listed 1 kw. (Seaver) Varie for this one a couple years back gave power as only 400 watts! (ED)
- 1529 -VATICAL STATE Really giving it to WCKY on 12/19 0620-0640 and reported. Lots of carrillons, bells, organs, etc. and mass began around 0633 or so w/male Gregorian choir, etc. (Cooper) * May stop weak WCKY bet. continuous tolling of bells, 0617, 12/19. (Connally) * Good thru hvy WEDM/WPTH atop w/IS 0625 12/13.
- 1535 -UNID LA 12/6 strong OC 1101-1129, weak SS after 1130. No IDs (DeLorenzo) noted. (Seaver)
- 1538 -WEST GERMANY DLF xint; equalling strength of adjacent WPTH, w/pgs of lite jazz, 0442, 12/19. (Connally)
- 1546 -ENGLAND Capital Radio hr w/uptempo pops, TC and sx, IDs fr 0633-0708. Mixing and at times even w/unid stn in EE that did not pip on the hour, so an IBA probable. (Hutton)
- 1546 -UNID EE TA Logged w/band concert 0705-0751, then a man seemingly telling a childrens story in British accented EE. Rx was fairly strong, but speech way down in wad. It sounded BRClsh, so it could have been Bristol-BNC, but it also could have been one of the British Indies (not West - independent!). Anybody know for sure? This is loggable only 89s after 0700 w/off of WPTH. (ERG)

- 1546 -UNIDS 2 stns here 2232 12/26. One w/lite sx, other w/f in EE. Likely possibilities include England, Vinnitas. (Bokman)
- 1554 -FRANCE Rice fair to good w/a/f in FF, 0618, 12/19. (Connally) * 0605 12/19 good copy in spite of TT QM on 1555 khs, possibly R. Cayman. FF/early AM DJ commentary. (Jones)
- 1554 -FRANCE/UNID Noce good w/OC prior to 0430 a/on at 0425 12/27. Pant SAN noted as well. Judging from good Eastern European reception, the other stn may have been Kaunas though no definite ID noted. (Bokman)
- 1555 -CAYMAN ISLANDS 12/13 0355 strong OC here was most likely this one. (Lobel)
- 1560 -CUBA CMCB Cardenas 12/6 0905 vy strong suspect w/mx and frequent TCs. Slop fr 1550 too such for such to be intelligible. (Lobel)
- 1560 -MEXICO XEJFV Ciudad Juarez, Chih. 12/13 a/on and many "XEJFV R. Chemical" IDs by w/f ancrs. Hrd and reported to before but never varied. Does anyone know if they verify? Will go down as tape varie. (Lobel)
- 1562 -INTERNATIONAL WATERS (England) R. Caroline II was being hrd w/fine sigs up to 12/27. On 12/21, at 0242, I hrd a vy clear ID and time annt, in EE. Not noted tonight. (Dangerfield) * "Mi Anigo" is on this channel, hrd 12/20 0720-0740. Address? (Cooper) Its in WPTH. (ED)
- 1562 -SWITZERLAND Pair w/sacordian sx, f in GG 0658-0705 12/11. (DeLorenzo)
- 1562 -SWITZERLAND/UNID DD talk and pop sx, o/s 2nd stn w/orchestral sx, presumed to be Sarnen; WQR was off so reception was easy on TSP, 0610, 12/19. (Connally)
- 1578 -ITALY Genoa to good peaks w/definite II talk by man, sx way w/presumed to be the Portuguese stn, weak 1580 LA bet, 0609 12/19. (Connally)
- 1586 -WEST GERMANY WDR at local level w/some US pop sx 0616 12/27. (Bokman) * 0510-0630 12/19 unusually strong sigs which peaked at 88 on LW antenna. GG pop and holiday sx. (Jones) * Extremely loud w/man in GG //1602 w/road report mentioning snow and ice in some areas, 0438 12/19. Like a local w/search sx, man in GG, 0608 12/19. Still in at 0627 w/live performance of GG vocal sx. (Connally)
- 1594 -UNIDS At least 2 stns here jumbled up w/resultant SAN 0439 12/27. (Bokman)
- 1602 -WEST GERMANY BR München xint w/IS being repeated 0427 12/27. Not //1586 at the time. (Bokman) * Totally steartrolling 1600 domestics w/GG road cr report, //1586, 0439, 12/19. (Connally)

A few varies

- 683 -SPAIN Sevilla, after about 6 tries I finally got a v/q w/date and freq fr this common stn and usually good verifier! (ED) For SS report, tape, IRGs.
- 920 -DOMINICAN REPUBLIC 8" x 5" manila envelope was eagerly opened, only to find - a Christmas card - only! It's the only time I was addressed by a Christmas card! (Cooper) I've had a couple of LAs do this to me. (ED)
- 1178 -SWEDEN Korby, attractive blue/yellow map QSL showing xmt sites, definite and all details for EE report, tape and IRGs in 3 weeks air. Signer illegible. Country #92 here and one of sy acct wanted for years! (ED) For 12/3 report.
- 1205 -CAYMAN ISLANDS Mr. Dunlop sent 2nd v/l for this freq and says promised III Test is in the offing, but not yet-a-while. He cannot make separate IDs on the 2 channels as per my suggestion due to the way the relay system works. Maybe he could cut one off for 15 minutes, then the other another 15? (Cooper)

The reporters for this issue

- Clifford BARNES - Bellaire, Texas NS-9500, 110' longwire w/tuner
 Mack COONNELLY - West Yarmouth, Mass. Realistic TSP, internal loopstick
 Ernie COOPER - Provincetown, Mass. 2 HQ-180A's, NBC loop, SM-2
 Ben DANGERFIELD - Wallingford, Mass. HQ-180, longwire, SM-2
 Marc DELORENZO - Centerville, Mass. HQ-100, SM-2
 Richard ECKMAN - Philadelphia, Penna. Modified HQ-180A, Sanserino loop
 Chuck HUTTON - Decatur, Georgia R388, Sanserino loop
 Harry JONES - Vienna, Va. SPH-4, 135' inverted L, Dyack DA-3
 Albert LOBEL - San Diego, California DR150A, Sanserino loop
 Mike RAMIREZ - San Antonio, Texas HA600A, short longwire
 Konstantine RYCHALSKI - Bridgeport, Conn. Clock radio
 Randy SHAWNEE - Chula Vista, California HQ-180A, Sanserino loop
 Elliot STRAUSS - Asbury Park, New Jersey R390A, SM-2
 Paul SWABINGEN - Moran, Kans. Fisher 125, passive booster
 Pete TAYLOR - Vacation in Mazatlan, Mexico
 Sharon WATERMAN - Southwick, Mass. HA600A, loop, longwire
 DOWNEY - Danish SW Clubs International
 WEDXRA - New Zealand DX Radio Association

690 WAPE FL 12/11 W/ID wk but definite in WVOK null 1728. Lost to KSTL at 1731 checkback. No sign of CBF. (W'ski-WI)

740 WNOP KY 12/10 Noted ending sports, jx/ID, then Xmas mx. (DS)

750 WHEB NH 12/07 Vry strong w/rr 1720, no WSB yet. (DS-DE)

790 WSIG VA 12/10 1602-1604 ending nx, wx w/jx, then C&W. (DS-DE)

790 WSLV NY 12/14 Caught w/ad, SID 1549. (RjE-NJ)

790 WTUG AL 12/11 Fair w/soul to 1745 s/off; no SSB. (SF-TN)

860 WSON KY 12/19 Spots w/Henderson ments, s/off w/ID, no SSB.

860 WXAP GA 12/19 S/off 1730, no SSB. Late?. (W'ski-WI)(W'ski-WI)

910 CKLY OH 12/07 O/WSBA w/C&W 1725-1727. Rare on SSS. (DS-DE)

950 KXJK AR 12/11 W/ID 1746 into wx/nx. (W'ski-WI)

980 KUTI WA 12/27 Local nx/wx, ski report 1907-1910, inst mx to 1914 s/off w/no SSB. CKNW nulled. (NH-WA)

980 WKLM NC 12/21 Fair thru local WILK w/C&W 1655-1700 s/off w/ment of Arlington-Fairfax B'casting. (HJH-PA)

980 WMEK VA 12/14 W/ID and mx 1656 u/WTRY/CKGM. (RjE-NJ)

980 WSIX TN 12/18 Atop freq 1737-1828. Wonder if they forgot to change to nite pattern? WONE usually dominant. (W'ski)

980 WTRY NY 12/10 Atop w/rr and Jerry Tyler 1530-1550. (DS-DE)

1040 KPBC TI 12/11 W/contest plug o/WHO 1750. (W'ski-WI)

1050 KFMJ OK 12/18 Out of garble 1748 w/"best mx on KFMJ" (W'ski)

1050 KMIS MO 12/18 Rr into ID, spot 1743, then "mid-south wx". S/off 1744 ments KMIS-FM 106, no SSB. (W'ski-WI)

1060 WQIO OH 12/09 W/rr in KYW null, local spot 1623-1630. (DS-DE)

1070 WSCP NY 12/08 S/off ann. u/WKMB/WKOK 1628. (RjE-NJ)

1110 WUAT TN 12/17 Fair o/WBT w/C&W 1520. (SF-TN)

1170 WCLN NC 12/26 Rough thru WWVA FB, seemed to be rr, 2 call IDs hrd 1658. Into "WCLN regional area nx" w/AeNx sounder. (HJH-PA)

1170 WHLW NJ 12/08 Wk s/off u/WBRW/WWVA 1629. (RjE-NJ)

1210 WADE NC 12/09 O/WCAU w/local spot and rr 1647. (DS-DE)

1220 WAVN MN 12/23 Vy good w/"Requiem", then s/off 1731. (KDF-IL)

1280 WABK ME 12/21 Atop freq in WADO null w/ID 1555. (RjE-NJ)

1280 WGBF IN 12/10 Loud w/rr, "The River City Rocker" 1702. (DS-DE)

1280 WFSF DE 12/08 Briefly atop w/local spots 1640. (RjE-NJ)

1300 WAVZ CT 12/09 Atop 1701-1705 w/rr, WFBR in nx. (DS-DE)

1300 WCLG WV 12/09 W/quickie s/off after WKCY o/WFBR 1700. (DS-DE)

1300 WKCY VA 12/09 O/WFBR w/C&W, spots. Long s/off w/prayer and mx "Peace in the Valley". (DS-DE)

1310 WGSB PA 12/05 S/off w/muddy voice and song "I Believe" 1645. PT sez is they, and muddy audio is normal. (RjE-NJ)

1340 WLVL NY 12/07 Atop freq w/local ads, wx for "the Niagra Frontier", into promo for schmaltz mx. (DS-DE)

1380 KJET EB 12/23 Vy poor u/WMBE/KUDL w/s/off 1815. (KDF-IL)

1380 WTOB NC 12/18 W/call ID 1609, rr. Believe pattern switch 1715.

1400 WHMP MA 12/26 Exc 1458 w/C&W, fem DJ w/ID as "WHMP (HJH-PA) AM and FM stereo, Northampton". (HJH-PA)

1400 WMAN OH 12/07 W/sppt, ID/TC into CBS nx 1659-1700. (DS-DE)

1410 WOTT NY 12/20 Local spot, rr 1725. (RjE-NJ)

1470 WFSR KY 12/20 Wk s/off ann. u/WINH/WSAN 1715. (RjE-NJ)

1470 WWHY WV 12/20 Topping freq w/ID, C&W 1703. (RjE-NJ)

1480 WKOA KY 12/14 Good at 1730 s/off w/plugin for WKST 100.3, no SSB.

1490 WLRQ WI 12/19 W/rr; ments of "Stereo 95", "Super Q". (SF-TN)

1530 WCRJ FL 12/09 W/WCKY semi-nulled, pop rlg mx, thingle for "J-ville's Newest Radio Stn". S/off 1730. (DS-DE)

1540 WCOX AL 12/23 Fair/good w/local spot, ID, wx. (KDF-IL)

1550 WYNX GA 12/21 Fair w/s/off 1730. "Inspirational pgming". (HJH)

1580 WEYY AL 12/09 C&W, then s/off 1743-1745. "When we s/off, even the sun goes down". (DS-DE)

1580 WHEM TN 12/18 Tent w/s/off after WAMY 1745 12/18, 19, 22, 1748 12/21. Call sounds right, and def 250w. (HJH-PA)

1590 WARV RI 12/16 Fair w/s/off 1614. ~~FF~~ annrc w/rlgs Xmas mx. (HJH-PA)

MIDNIGHT TO SUNRISE:

570 WGMS MD 12/20 W/ET/TT/ID o/WKEN 0213. (KDF-IL)

710 WGBS FL 12/20 Clear 0231 w/MoR off & ETing. (KDF-IL)

810 WATI IN 12/21 Good at s/on 0715 o/u WBLW/WEKG, no SSB. (SF)

810 WCEC NC 12/23 Good on 0715 s/on o/WEKG, no SSB. (SF-TN)

810 WDMO WI 12/18 At s/on just ahead of WEKG/WBLW/WMTS. (SF-TN)

810 WDEP PA 12/24 Fair in WGY null w/s/on 0716, no SSB. (SF-TN)

850 WKBZ MI 12/13 Fair u/WJW 0530 w/SSB & s/on. (SF-TN)

850 UNID ?? 12/27 0345-0430 o/u Mexican mx in slavic-type lgg, must have been comedy, as mx, talk, laughter interspersed. Announcements sounded FF, Montreal ments 0437. (W'ski-WI) CKVL? - ECR.

930 WKY OK 12/20 Huzzah! KIIE off, this logged w/rr 0212-0229.

1060 KUPD AZ 12/27 0201 w/tlk, phone #, "and you're on the air w/KUPD". (W'ski-WI)

1140 WAWK IN 12/24 U/WRVA w/local spots 0747. (W'ski-WI)

1170 WCLN NC 12/17 Wk u/WWVA 0725 w/state nx, local spots. (SF-TN)

1220 UNID ?? 12/16 0024-0027, TT w/ID at end; WREV or WRIB. (DS-DE)

1240 CFLS PQ 12/10 0110 loud w/FF T=40. Still 250w? (DS-DE)

1310 CHGB PQ 12/27 Fr u/CFGM OC w/WNIC nulled. FF tlk 0510-25. (SF)

1310 CKOY ON 12/13 O/WISE/WIFE 0455 w/rr, contest promo. (SF-TN)

1320 WHOK OH 12/16 Fair 0600 w/SSB & s/on. (SF-TN)

1370 UNIDS ?? 12/27 0520-0600, one C&W (WSPD?), one rr, one MoR. All 3 EST, 2 had low temp, 1 lower than WSPD, maybe New England. One prob WCOA, as they had NA 0558, 0600 WFAW s/on o/all. HELP!! (MR-TX) C&W surely WSPD, NE rr poss WFEA - ECR.

1400 WKWK WV 12/20 ANing w/rr, contest promos. (HJH-PA)

1450 WMAJ PA 12/20 Atop w/rr 0020-0023. Local WILM off to 0100.

1530 WTTI GA 12/20 W/another of their absurd ETs 0157. (MR) (DS-DE)

1540 KXEL IA 12/20 S/off 0200 preceded by rlg. (MR-TX)

1560 KRBB OK 12/17 ET around 0430. (MR-TX)

1570 WGLX OH 12/27 Wk 0600 w/AM-Stereo FM ID into Ae nx. (SF-TN)

1570 UNID ?? 12/20 W/rr, FF talk, K-TEL Records ad 0142+ (MR-TX)

1580 WRDI NJ 12/17 0004-0007 w/ann. f/c, TT w/IDs. (DS-DE)

1590 WACA SC 12/25 Wk 0600 w/detailed s/on, no SSB noted. (SF-TN)

That's all she wrote! The inaugural ECR DDXD is about to reach its close... There are small green men dressed in HWB suits landing on my roof and the hands of the digital wristclock tell me that it's about time to call it a night. "It's a night".

REPORTERS to this edition of DDXD:

RjE	RUSS EDMUNDS	Kinnelon, NJ	HQ-150, 4ft Altaz, etc.
KDF	KARL FORTH	Villa Park, IL	HQ-160, SM-1
SF	STEPHEN FRANCIS	Alcoa, TN	TRF
Ross	ROSS HANSCH	Madison, WI	HQ-180AX, 4ft Loop
BH	BILL HARDY	Aberdeen, WA	HE-30, SM-1
NH	NANCY HARDY	Aberdeen, WA	HE-30, SM-1
HJH	HARRY HAYES	Gouldsboro, PA	T-0, SM
MR	MIKE RAMIREZ	San Antonio, TX	HA600A, Short Longwire
DS	DAVE SCHMIDT	New Castle, DE	HQ-180, SM-2, LW (silly)
GMS	GEORGE SEMKO	Bison, NY	TRF
W'ski	BOB WESSOLOWSKI	Milwaukee, WI	Philco Console
ECR	Footstool	Vomit, ID	Screwdriver

Finally, a Happy New Year to anyone who cares, good DX to those who still can, and a last big thanks to Wes, Jerry, John, and dear Alphonz....

73 and good DX de ECR...

Eric

Hi everyone. Welcome to edition number 1 of GYDX Achievements. This is not an actual column this time around but a listing of the rules to be followed when submitting material to the column.

This column is, as the name implies, a listing of the best GY catches for each submitting DXer for their entire DXing career. The Class IV or "graveyard" channels, as they are called are 1230, 1240, 1340, 1400, 1450 and 1490. Only catches on these 6 channels will be considered for inclusion in the listing.

GYDX Achievements will appear 7 times a year. The first six columns will be competitive listings for the six GY channels. The seventh column will be a "by frequency" count and grand total listing of GY stations legged by each DXer. The first column, to appear, probably in the 1/31/77 DXN, will be for 1230 kHz. followed in roughly 5 weeks by 1240 then 1340 and so on to 1490. I will post deadlines for submission as I decide my schedule. More on when to submit, below.

New, what you should submit. I want your best two catches for each GY channel, that is the two legged that are furthest from your location, past or present. For each entry compute first the distance in miles each catch is from your location followed by your name and location, then the station call letters, frequency and its location. Finally, include the date the station was legged if available. The reason I ask for the date of receipt is that it is being considered to have pre-1960 loggings separate from the rest. The interference from all night stations was much less in that era and would seem to qualify for a separate listing. This separate listing status is still undecided, but if I receive many pre-1960 loggings I will consider it.

The way your submissions should appear is below. I ask you to include the frequency of each catch on each submission and also your name. I will probably cut all into strips and rearrange in the proper order, thus I don't want to misplace anyone.

990mi. Jack GLOTZ, Conshohocken, PA WGNH-1230 Quincey FL.
945mi. Jack GLOTZ, Conshohocken, PA KLIC-1230 Monroe LA.

1005mi. Jack GLOTZ, Conshohocken, PA WGRM-1240 Greenwood, MS.
...and so on.

A sampling of how the column will look is below.

miles	DXer & loc.	station & loc.
1020	Beb BLOTZHEAD, Idabell OK.	WEEK Easton, PA.
990	Jack GLOTZ, Conshohocken PA.	WGNH Quincey, FL.
980	Filmore FLATCHEST, Cornwall ON.	WOLS Florence, SC.
945	Jack GLOTZ Conshohocken PA.	KLIC Monroe LA.

When submitting to the seventh column or totals column include the number of stations legged on each channel and the sum of these. Also the year when you started DXing from your listed location. A sampling of the column is below.

YB	DXer & loc.	1230	1240	1340	1400	1450	1490	Total
69	Beb BLOTZHEAD, Idabell OK.	24	18	35	20	30	15	140

Finally, the limitations. As it stands now we would like to include stations in the listing not exceeding 1 kw. at the time of receipt. Also, stations in the United States, Canada, Mexico, Cuba and Bahamas only will be considered for the listing as these are the only areas where GYs are really GYs. Conversely we find it necessary to include only contributors located in the above areas. This is done with sincere apologies to those outside the areas, but most will admit that it is much easier to hear a GY station a great distance in an area with little GY interference. This brings up the question of whether or not to include Hawaiian loggings of Mainland stations. Tell me what you think when you submit. One other limitation is that we want only two listings per channel per DXer. Thus your two best can be from two different DXing locations but not the two best from each.

Now on deadlines I would like to make the first for 1/20/77 if we are to make the 1/31 issue. You can submit your totals individually or for all 6 channels, this is up to you. I would think the latter choice would be the wisest as far as postage is concerned. Whatever you do, submit, we are looking for a big column. Who will be the top contender for 1230!!!?

Harry H.

Postal surplus could mean no rate hike in '77

U.S. Postmaster General Joseph P. Kamp says he will not ask for a rate increase in 1977. He says that the surplus of mailboxes and other equipment will be sold to help offset the cost of the rate increase. He says that the surplus will be sold to help offset the cost of the rate increase. He says that the surplus will be sold to help offset the cost of the rate increase.

APR 21 From the Louisville paper, from V. Murphy
BELLOW: From Bob Elwell

CLIPPING CORNER

From News/Washington, p. 22 of MICHIGAN, December, 1976:
House panel scores
FCC technology
The FCC has unveiled a comprehensive study claiming the agency's history is one of reluctance to reach decisions opposed by the industries it regulates. A industry list of other faults was also included: 1) failure to anticipate or keep pace with technical and commercial developments in communications; 2) insufficient public representation to offset the anxious attention paid by commercial interests; 3) a deficiency of technical expertise for analysis of complex issues resulting in a failure to adequately regulate broadcasting and telephone industries; and 4) inertial acceptance of prevailing patterns.
The panel, chaired by Rep. John Moss (D-CA), did not hand out only bad marks, however. "Today the commission seems to be growing in sensitivity to the public interest with respect to cable, television, telephony equipment and competition, although it remains bogged by powerful external pressures," the report concludes. Recommendations: a closer relationship with Congress and "serious consideration" of pending legislation to reorganize the agency; its large legal staff could also be balanced with staffers steeped in telecommunications technology, business, economics and behavioral sciences.

LONG WAVE CONVERTER DETAILS

by Jim Hagan and Bob Foxworth

Here are details of the long wave converter that is being offered along with the multi-core ferrite loop antenna that was just described in DX News. A schematic and foil pattern is provided below. The oscillator subassembly is a commercial item, available from International Crystal. The frequency of the crystal may be selected to suit the user's requirements. Suggested frequencies would be 3500 KHz which would permit the user to tune the first 500 kHz range on a bandspread range for the 80-meter amateur band on his HF receiver, or 3000 or 4000 KHz which would permit use of a digital frequency readout with minimum changing of the preset (e.g. 164 would come in at 4164 on the dial). The double-balanced mixer is a commercially available assembly and use of it allows the user to tune much closer to the oscillator frequency before undesirable osc. feedthrough effects become a problem. This represents a considerable improvement in performance over typical mixing type LW converters. The lowpass filter incorporated around L1 and L2 is effective in keeping out unwanted broadcast station feedthrough. This converter is intended specifically to operate with the ferrite core loop/preamplifier described earlier. Note that the operating voltage appears on the input jack. This allows use of a single coax cable between the preamp and the converter. The procedure for inquiries is the same as that described in the antenna article in DX News.

1920s Radio Fans Did Some Licking

The Ekko Co. of Chicago had the "perfect gift" for the radio buff of the 1920s, according to the fan already had made a crystal set. Executive verification.

Mr. Kelly had the U.S. verification stamps, of a possible 4th, along with one Cuban stamp and four Canadian stamps. Besides the American Bank Note Co. stamps, some ver-



ious radio stations, with an EPF in Los Angeles, to align their area and probably cheaper — stamps



The Illinois page in the album is almost blank.

received the popularity of the verification cards, according to George Scandola of Waverly, a longtime radio buff, because wing stamps appealed from the station. Instead of a postcard listing the specifics of the incident and the listener's name, the listener received a stamp that looked like all the other stamps, but with different call letters.



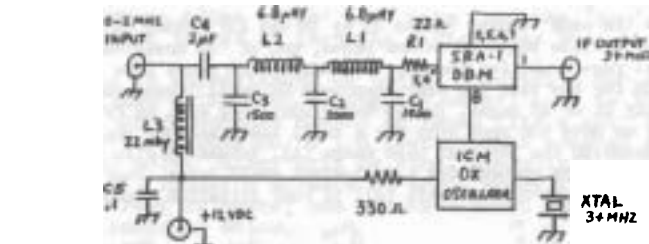
Stamps for Canadian stations, such as Toronto's CNRT, replaced the U.S. eagle with a heavy stamping on a few and some maple leaves.

The WHN (New York City) stamp typified the design for U.S. stations, with an eagle flanked by two transmission towers.

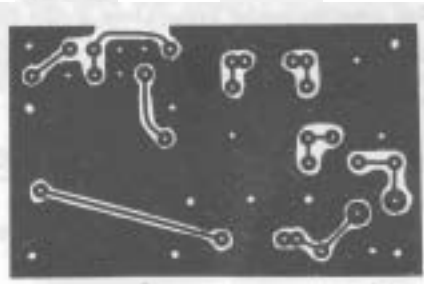
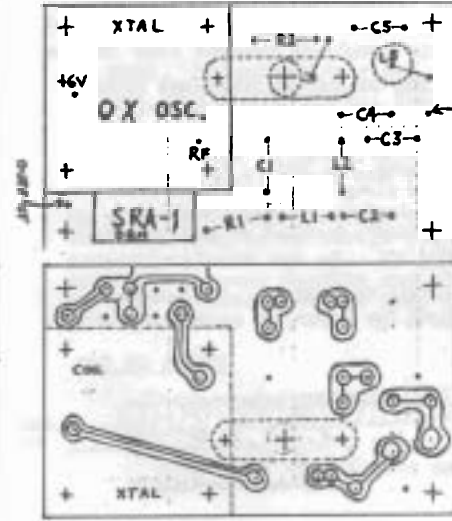
Mr. Kelly had a stamp from the fledgling (as they all were; the first commercial broadcast was in 1920) WCAD, now St. Lawrence University's FM station, WSLU, established in 1922. The gimmick never

CLIPPING CORNER

(From the September, 1971 Daily Times via Jerry Hoad)



- PARTS LIST**
- 1-0X Oscillator
 - 1-EX Crystal (above from International Crystal Co. Oklahoma)
 - 1-SRA-1 double balanced mixer. (Brooklyn, NY)
 - 1-coax jack .085
 - 1-2. uF 16 volt cap.
 - 1-.47 uF 16 volt cap.
 - 2-1500pF silver mica cap.
 - 1-3000pF silver mica cap.
 - 2-6.8uHf RF choke
 - 1-22. mHf RF choke (note multipliers u,m)
 - 1-330 ohm half watt res.
 - 1-22 ohm half watt res.
 - 2- connectors (ph. jack)
 - 4- 1/4 inch spacer
 - 4- 40x2 screw w/hex nut
 - 1- 4x2 1/2 x 2 1/2 alum'n box.
 - 1-PC board as shown to left
- * * *



The 1975-76 DX season will be remembered by NJPC as the year that the de-centralisation was implemented. Reprints, Publications orders and Membership functions were farmed out thus reducing the HQ workload significantly. As you may remember, this de-centralisation became a necessity rather than a dream for us during the past year due to our Treasurer's more frequent absences due to business, and our PubComm Coordinator's business commitments and impending (at that time) marriage.

The basic de-centralisation of Publications and Reprints proved to be fairly easy to accomplish, our only problems being the UPS strike and the resultant problems in getting logs out of HQ; and our failure to change the addresses on the reprint lists themselves. The de-centralisation of the Membership functions unfortunately met with more than a few snafus: missing names of new members on the front page (our apologies) missed address changes, and some internal confusion, but most of this is behind us now as we're 1/3 of the way through Volume 44.

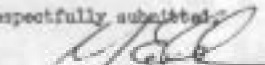
Following the rapid growth during Volumes 42 and 43, our membership total has slackened off a bit, and has stabilized just short of the 700 figure we reached for the first time in September of 1975. This is due to the normal attrition after 1-2 years of membership by those who don't stick with the hobby enough to maintain club membership combined with the large number of members who joined 1-2 years ago. No doubt also economic factors play some part in this, too.

Our bulletin content has been the same through Volume 43 as it was for Volume 42 in terms of approximate ratios of article pages to column pages, and of the breakdowns of the column pages. Our total page count for the year was 944, or 16 pages less than our projection. Our annual aim for the past few years has been 20 small issues and 10 large ones, each presumably 24 or 48 pages. Things being what they are, we frequently have to compromise as we have too much copy for a small issue and not enough for a large one, thus more issues in the 36/40/44 page range (4). Volume 43 also had 3 20-page issues, or, not enough copy on hand for a full-sized small issue. Your support in terms of articles and column support will tell if that situation changes for the coming year.

We have gotten out both a new edition of the Night Pattern Book and a new edition of the NRC Domestic Log during the past Volume Year, and both contain more useful material than ever before.

We have also arranged for the orderly transition from the current publishers to the new publishers, and in so doing, we will be achieving even more de-centralisation. The Louisville group will have to concern themselves primarily with only three of the many aspects of club operations which we took on in Volume 41: General club operations, bulletin publication/distribution, and treasury. The latter, too, would have been removed from HQ save for a request that it come along to Louisville as well. All of the de-centralisation process is, of course, designed to make operations smoother and faster, as well as to limit any one person's workload or indispensibility, thus assuring easier transitions in the future.

Finally, we have made arrangements with our accountant to supply us with balance sheets for publication in DX NEWS in the near future for Volume 43, as well as the long overdue sheets for Volume 42.

Respectfully submitted,

 H. G. Williams
 PubComm. Coordinator

T H E "LOADED BEVERAGE" A N T E N N A

Initial Report
 (Frank E. Dailey)

While attending the pre-Convention YAD at Jerry Starr's house, Wes Boyd and I had the opportunity to discuss the potential for what we chose to call the "Loaded Beverage Antenna". What this would amount to is upwards of 1000 feet of wire in an actual straight line of 600 to 750 feet. (As in actual beverage antennas, the longer the better - but space conservation is the premium here). If this approach proved practical, many DXers who didn't have the room for the real thing could perhaps use this instead. The antenna would be similar to loaded VHF antennae and in theory it appeared practical, but would it work at HF or MW (if you prefer) frequencies.

At present, I have not strung more than 700 feet, but it appears promising, and in hopes of getting other DXers to try it, compare, to other antennae (loops, LW's or true beverage antenna) and let us know the results. Hopefully, Boyd will publish a technical article later but this is the non-technical, initial report.

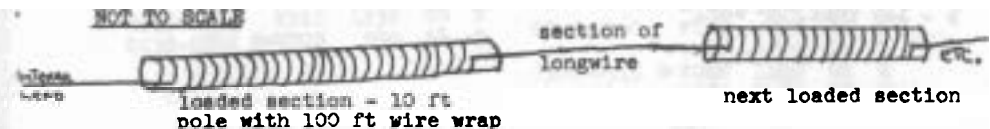
The basic concept is to run the basic longwire but to "load" it every so often to get more wire into the "run" so that the antenna appears longer to incoming radio waves than it actually is.

This is accomplished by taking a suitable non-conductive material, (closet poles, PVC tubing, or other) in 8 to 10 foot lengths, carefully wrapping your wire around it (much like a coil form or space magnet) until you have 80 to 100 feet of wire wrapped around this 8 to 10 foot pole. After this is done, the unit(s) can be spliced into the actual longwire antenna at about every 150 feet. Thus with an actual 600 feet of space, one can have about 1000 feet of longwire. A sketch is included below.



- * With this antenna WLW/WMAL/WJJD/WBBM/WJR are normally receivable at NOON. Likewise T/A's are rolling in long before expected. With my 500 foot (true length) antenna some beverage effects are noticeable on the high end. However more wire must be added before it becomes truly noticeable. But, for example, WAXC-1460 has been received at 2PM from Rochester in the afternoon over the much closer Albany and New Hyde Park stations....so it has possibilities. * (in Connecticut)

My purpose in this article is not to tell you we have a great new antenna; but, to encourage you to try this and compare it to your present antenna set up. If you do try one, please let Wes Boyd or myself know your results and or comments. I will be adding more wire as time permits and will keep everyone posted as to my results and those of anyone else who sets up a similar unit and lets me know the results.



THE 1977 FREQUENCY CHECK LIST

All times are in Eastern Local Time, except checks with underlined times. In those cases, the check is run on standard time throughout the year.

FIRST MONDAY

0015-0030	*WNCN	1240	NC	T
0015-0035	*WBRN	1460	MI	T
0030-0045	*WREZ	1390	NC	T
	*WGNX	1150	OT	T
0035-0050	*WBY	1450	MI	T
0045-0100	*WMEC	1560	MI	T
0100-0115	WSHY	1560	IL	T
	KPDN	1340	TX	T
	KIJV	1340	SD	T
0130-0145	*KPSA	950	AR	T
0145-0200	WMBH	1450	MO	T
0200-0215	*KFGQ	1260	IA	T
0205-0220	*KANT	1450	AZ	T
0215-0230	*KCUZ	1490	AZ	T
0220-0235	*KDXU	1450	UT	T
0230-0245	*KVSJ	1450	AZ	T
0235-0250	*KHTA	1340	AR	T
0245-0300	*KGLH	790	MT	T
0300-0315	*KQIK	1230	OR	TC
	*KMC L	1240	ID	T
0315-0330	*KVAC	1490	WA	TC
0330-0345	*KMTX	950	MT	T
0500-0515	*KXOW	1420	AR	T
0545-0600	KWAY	1470	IA	T
	*WMTL	1580	KY	T
0615-0630	*KIUN	1400	TX	T
0645-0700	KDLA	1010	LA	T
	KGRI	1000	TX	T
	KREH	900	LA	T

FIRST TUESDAY

0000-0015	*WHGR	1290	MI	T
0030-0045	*WIOS	1480	MI	TC
0100-0115	*WVAN	1430	PA	T
0100-0130	KNDK	1080	ND	Tb
0145-0155	*KWRP	860	AR	T
0215-0230	*KINO	1230	AZ	T
0230-0245	*KATO	1230	AZ	T
0315-0330	WEDD	1240	TN	T
0530-0545	*WYOR	1570	KY	T
0545-0600	*WBOB	1340	KY	T
0645-0655	KIRT	1580	TX	T

b - 1st Tues. or Wed.

FIRST WEDNESDAY

0005-0015	WIGH	1310	CT	T
	ND	Tb		
0100-0130	KNDK	1080	IA	Tb
0130-0145	*KANE	1240	IA	Tb
0215-0230	*WFLI	1070	TN	M
0230-0245	*WMFC	1360	AL	t
0300-0315	*WCUG	850	GA	t
0330-0345	*WHEP	1310	AL	t

b - 1st Tues. or Wed.

FIRST THURSDAY

0100-0115	WPCF	1430	FL	t
0110-0120	*KRPF	960	LA	T
0145-0200	*WARI	1480	AL	t
0200-0215	*WZYX	1440	TN	M
0230-0245	KDCA	1450	ND	T
0245-0300	*WMPA	1240	MS	t
0315-0330	*WBIF	1400	MS	t
0345-0400	*WSVL	1520	IN	T
0415-0430	*WKCB	1540	KY	T
0430-0445	*WLSI	900	KY	T
0445-0500	*WTKY	1370	KY	T
0600-0615	KTCB	1470	MO	T

FIRST FRIDAY

0000-0015	*WBBG	1360	VA	T%
	*WBTX	1470	VA	T
0015-0030	*WBBZ	1360	NJ	T%
0100-0115	*KPV5	960	MO	T
0130-0145	*WRTA	1240	PA	T%
0200-0215	*KSLV	1240	CO	T
0215-0230	*WPHG	980	VA	M
0225-0235	KORN	1490	SD	T
0245-0300	WARI	1480	AL	T
0330-0345	*WBSY	1310	TN	t
0340-0400	KNIN	990	TX	T
0445-0500	*WGOX	900	AL	t
0545-0600	*WHIC	1520	KY	T
0615-0630	KXJK	950	AR	T
0630-0645	KDDD	800	TX	T

* - Friday after 1st Thursday

FIRST SATURDAY

0000-0015	*WSBS	860	MA	T
0030-0050	WERY	1590	MI	T
0035-0045	*WFLB	1380	MI	T
0100-0115	*WATO	900	MI	T
0105-0120	KNIR	1360	LA	T
0115-0130	*KSNY	1450	TX	T
	KRLV	1060	NE	T
0200-0215	*KXUL	1390	AZ	T
0215-0225	*KYOA	1490	AZ	T
0215-0230	*KPSB	1340	AZ	T
	KHTA	1340	AR	T
0245-0300	*KSDM	1400	MO	T
0300-0315	*WIRV	1550	KY	T
0315-0330	*KRVK	1460	KY	T
0330-0345	*WBSV	1570	VA	T
	*WEEJ	1440	KY	T
0400-0415	*WBPO	1470	KY	T
	KODE	1230	MO	T
0415-0430	WTLO	1480	KY	T
0430-0445	*WPRY	960	KY	T
0445-0500	*WDOC	1310	KY	T
	*WNOV	1360	WV	T
0530-0540	*WDDY	1420	VA	T
0530-0545	*WHIS	1440	WV	T

FIRST SUNDAY

0100-0115	KCII	1380	IA	T
0145-0200	KSQA	1430	MO	Ta
	WDAN	1490	IL	T
0200-0210	*KBOQ	1020	NM	T
0215-0230	WNAV	970	IL	T
0430-0445	*WTWY	950	KY	T
0445-0500	*WAIN	1270	KY	T
0500-0515	*WLBQ	1570	KY	T
0530-0535	*KHYE	800	KY	T
0640-0655	*KHOZ	900	AR	T

a - 1st or 2nd Sunday

SECOND MONDAY

0015-0100	*WS30	1440	NY	Te
0100-0115	WJON	1400	MI	T
0115-0130	*WCAZ	990	IL	T
0130-0145	WMOB	840	AL	T
0145-0200	*WYNY	680	KY	Tb
0200-0215	*WTYM	1600	MA	T
	KXPO	1340	ND	Tb
0215-0230	KEXO	1230	CO	T
0230-0245	*WTCB	990	AL	t

0230-0245	*KFGO	790	ND	T
0345-0400	*KPRK	1340	MT	TQ2
0415-0430	*WTCO	1450	KY	T
0430-0500	*WJEB	1350	MI	T
0445-0500	*WANY	1390	KY	T
0500-0505	*WFTG	1400	KY	T
0530-0545	*KRGJ	1430	NE	T
0545-0600	*KZNG	1340	AR	T
0615-0650	*WFRS	1440	IL	T

b - MM in same week as 15th
c - MM closest to 15th
e - 2nd or 3rd MM

SECOND THURSDAY

0000-0015	WRAA	1330	VA	T
0015-0030	WHLI	1270	NY	T
0030-0040	*WCVL	1490	VA	T
0030-0045	*WHLN	1410	KY	T
0100-0115	*WREL	1450	VA	Tb
0115-0120	*KJRK	900	NE	T
0145-0200	*KJHR	1350	MO	T
0215-0230	WBSI	1450	IL	T

SECOND WEDNESDAY

0100-0115	KORO	1230	TX	T
0145-0200	*WHUB	1400	TN	T
0200-0215	*KTYN	1430	ND	T
0215-0230	*WFLI	1070	TN	M
	*WATM	1590	AL	Tm
0230-0245	*WBUH	1420	MS	t
0300-0315	WAUD	1230	AL	t
0400-0430	*WAML	1340	MS	t
0500-0515	*WAMI	860	AL	t
0515-0520	*WBOB	1230	IN	T
0530-0545	*WNSB	1340	KY	T
0545-0600	*WKCT	930	KY	T
0545-0555	ELYN	1360	AR	TQ2

SECOND THURSDAY

0000-0015	*WIDG	940	MI	T
0115-0130	WLOT	1300	WI	T
	KLTB	1470	KS	T
0120-0130	*WABC	1300	IN	T
0130-0145	*KATZ	1400	KS	T
0200-0215	*WYNE	1390	MS	T
0215-0230	KDCA	1450	ND	T
	WNAI	1450	MS	T
	KRBN	1450	MT	T
0245-0300	WYDE	850	AL	T
	WPTO	1330	MS	T
0300-0315	*WBSB	1240	GA	t
0345-0400	WJZU	1450	MS	t

SECOND FRIDAY

0000-0015	*WBSG	1360	VA	Tx
0005-0010	*WBSG	610	OT	T
0015-0030	*WWEZ	1360	NJ	Tx
0045-0100	*WWSH	1360	NY	Tx
0100-0115	*KXIT	1410	TX	T
0115-0130	*KOKX	1310	IA	T
0130-0135	*WHRG	710	AL	t
0130-0145	*WRTA	1240	PA	Tx
0145-0150	*KXJM	1370	ND	T
0230-0245	*KBIH	1240	IA	TQ1
	*WNSL	1260	MS	t
0245-0300	*WBLO	1470	AL	t
0300-0310	*WLDQ	1360	AL	t
0400-0415	*WRIF	980	TN	t

x - Friday after 1st Thursday
x - 2nd or 3rd Friday

SECOND SATURDAY

0005-0015	*WBAH	1450	CT	T
0105-0120	*KNLV	1060	NE	T
0115-0130	*KJEP	1290	LA	T
	*KBOM	1270	ND	T
0120-0130	*KFRB	1400	NE	T
0145-0200	*KOMA	1580	IA	T
0205-0220	*KSHO	1260	CO	T
0215-0230	*KIMX	1450	NM	T
0230-0245	*KPAQ	1400	CO	T
0400-0415	*WSPC	1240	KY	T
0415-0430	*WPTW	1360	KY	T
0430-0445	*WSPR	1470	KY	T
0445-0500	*WSPF	1490	KY	T
0530-0545	*WGRK	1550	KY	T
0545-0600	*WNCR	1330	KY	T

SECOND SUNDAY

0110-0125	*KTIQ	1350	OK	T
0115-0130	*KOCR	1240	SD	TQ3
0145-0200	*KSGA	1430	MO	Ta
0200-0215	*KALO	1250	AR	T
0530-0545	*WIGK	1250	KY	T

a - 1st or 2nd Sunday

THIRD MONDAY

0000-0010	*WVWH	1350	GA	T
0015-0100	*WBSG	1440	NY	Ta
0015-0030	*WVPL	920	MI	T
	*WBBQ	1340	GA	T
0040-0050	*WCON	1450	GA	T
	*WTON	1240	VA	T
0050-0100	*WBSG	1450	SC	T
0100-0115	*KSEE	1340	KS	T
	*WDAX	1410	GA	T
	*WLBH	1590	TN	T

0100-0120	*WLOP	1370	GA	t
0105-0120	*KXEO	1340	MO	T
	*KROX	1260	MO	T
0110-0130	*KAMI	1580	NE	T
0115-0130	*WWSH	1240	GA	T
	*WGAU	1340	GA	T
0120-0135	*WDIC	1430	VA	T
0130-0145	*KWKY	1150	IA	T
	*WAYX	1230	GA	T
0145-0200	*WNYR	680	NY	Tb
0200-0215	*KXPO	1340	ND	Ta
0230-0240	*KBYM	1240	MT	T
0300-0315	*WCRV	1580	MS	M
0315-0330	*WBTS	1480	AL	M
0330-0345	*WKIG	1580	GA	M
0345-0400	*KXCL	1450	MT	T
0515-0530	*KXLR	1150	AR	T
	*KOAK	1400	IA	TQ
0530-0545	*KGCX	1480	MT	TQ1
	*KMUS	1380	OK	T
0630-0645	*KTXJ	1350	TX	T
	*WOKZ	1570	IL	T

b - MM in same week as 15th
c - MM closest to 15th
e - 2nd or 3rd MM

THIRD TUESDAY

0000-0010	*WPED	810	VA	T/
0010-0025	*WGAP	1400	TN	T
0015-0030	*WFIG	1290	SC	T
	*WAHT	1510	PA	T/
	*WABH	1150	VA	T/
0050-0105	*WGTV	1400	SC	T
0100-0115	*KPSO	1260	TX	T
0110-0120	*WLOV	1370	GA	M
0115-0130	*WVNA	1590	AL	TN
	*WEHH	1590	KY	T
0125-0140	*KBRK	1350	NE	T
0215-0230	*WPEH	1420	GA	M
0600-0615	*KMBL	1450	TX	TQ
0615-0630	*KCCT	1150	TX	T

f - Tuesday after 2nd Monday
/ - Tuesday after 3rd Monday

THIRD WEDNESDAY

0000-0015	*WTVL	1490	ME	T
0015-0025	*WNBZ	1240	NY	T
0105-0120	*KPSO	1260	TX	Ta
0130-0145	*KVRG	1240	AR	T
0200-0215	*KEMM	1510	MO	T
0215-0230	*KFMO	1240	MO	T
	*WFLI	1070	TN	M
0230-0245	*KXIT	1340	NM	T
0245-0300	*WOKS	1340	GA	t

0300-0315 *WFIX 1450 AL t
0315-0330 *WSBB 1230 FL t
/ - Wed. after 3rd Sunday

THIRD THURSDAY

0030-0045	*WNMT	1520	GA	TN
0100-0115	*WJZM	1400	TN	T
	*WCPM	1280	KY	T
0110-0120	*KVSH	940	NE	T
0200-0215	*WHII	1570	MS	t
0215-0230	*KERR	1230	CO	T
0230-0245	*WJOE	1080	FL	t
	*KTEM	1400	TX	T
0300-0315	*WAGF	1320	AL	tM
	*WSMG	1450	TN	t
0400-0415	*WHOC	1490	MS	t
0430-0445	*WSSO	1230	MS	t

THIRD FRIDAY

0000-0015	*WTVL	1490	ME	T
	*WRDI	1580	NJ	T
	*WDDL	1440	PA	T/
	*WDRD	1080	NC	T/
0000-0020	*WERA	1590	NJ	TQ
0015-0030	*WERO	1130	PA	T
0045-0100	*WMSN	1360	NY	Tx
0100-0115	*WBBK	1260	GA	t
0115-0130	*WYHI	1570	FL	t
0145-0200	*KJAS	1170	MO	T
0205-0220	*KARS	860	NM	Tz
0215-0230	*KRTN	1490	NM	T
0315-0330	*WJLJ	1060	MS	t
0615-0630	*KPCR	1240	NE	T

x - 2nd or 3rd Friday
z - 3rd or 4th Friday

THIRD SATURDAY

0000-0010	*WMS	1400	ME	T
0100-0115	*WSYL	1490	GA	TQ
0135-0150	*KONI	1280	NE	T
0215-0230	*KORT	570	NM	T
	*KALG	1230	NM	T
0545-0600	*WLOW	1300	SC	T
0555-0600	*WYNA	1550	NC	T

THIRD SUNDAY

0100-0115	*WLNH	1510	IL	T
	*KWLA	1400	LA	T
0115-0130	*KFPW	1230	AR	T
0130-0145	*KHUB	1340	NE	T
0145-0200	*WKLK	1230	MN	T
0215-0230	*KOAL	1230	UT	T

0640-0650 *KBYL 970 LA T/
0645-0700 *KBBM 1430 AR T
/ - Sunday after 3rd Saturday

FOURTH MONDAY

0000-0010	*WFSB	1510	SC	T
0000-0015	*WCMS	1050	VA	M
	*WCBO	1590	PA	TL
0015-0030	*WJDY	1470	MD	TL
	*WOSD	1400	NJ	Ta
0030-0045	*WVPL	920	MI	T
0045-0100	*WGOE	1590	VA	M
0100-0105	*KREY	1590	OK	T
0100-0130	*WJMC	1240	WI	T
0105-0120	*KROK	1260	NM	T
0110-0125	*KOZA	1230	TX	T
0115-0130	*KIDY	1260	TX	T
	*KPDN	1340	TX	T
0120-0135	*KIMS	1480	NE	T
0130-0145	*WCVB	1450	IL	T
0145-0200	*WECB	1490	PA	T
	*WIDY	1340	WI	T
0200-0205	*KAMA	1060	TX	T
0200-0215	*KCCO	930	NM	T
	*KOBE	1450	NM	T
0230-0245	*WMBI	1240	MS	T
0300-0315	*WCCR	1580	IL	TL
0330-0345	*KTMH	1400	NM	TQ3
0350-0400	*KIDK	1340	MO	T
0400-0415	*KLEO	1480	KS	T
0525-0540	*WANV	970	VA	T
0530-0545	*WHPD	1310	PA	TL
0645-0700	*KCRV	1370	MO	T

a - Monday after 4th Sunday

FOURTH TUESDAY

0000-0010	*WPRD	810	VA	T/
0000-0015	*WVPO	840	PA	T
0000-0030	*WQTK	1310	NJ	T
0010-0020	*WKVT	1490	VT	T
0015-0030	*WAHT	1510	PA	T/
	*WCHN	1440	VA	T/
	*WABH	1150	VA	T/
0100-0115	*WPTP	1450	VA	T
0130-0145	*WBJJ	1270	AL	t
0200-0215	*KIEK	1250	MT	T
	*WENK	1240	TN	T
0315-0330	*KSCB	1270	KS	T

/ - Tuesday after 3rd Monday
/ - Tuesday after 4th Monday

-5-

FOURTH WEDNESDAY

0005-0010	*WASR	1420	NH	TO
0110-0125	KPEL	1420	LA	T
0115-0130	*WOCV	1290	WI	T
0130-0145	WATN	1400	WI	T
0145-0200	*WBFN	1500	MS	T
0200-0210	*WLSM	1270	MS	t
0200-0215	*KLTJ	1560	MO	T
0215-0230	*WFLI	1070	TN	M
0230-0245	*KHAK	1300	AZ	Tu
0300-0315	WYAM	1450	AL	t
0330-0345	WBSR	1450	FL	t
0345-0400	WSNT	1490	GA	t

FOURTH THURSDAY

0000-0015	*WLYN	1360	GA	T
0015-0030	WSKE	1050	PA	GM
0130-0145	KLLA	1570	IA	T
	WKAK	1500	AL	T
0135-0150	WDWS	1400	IL	TQ1
0230-0245	KASL	1240	WY	T
0245-0300	*WHLY	1530	AL	t
0330-0345	*WFSH	1340	FL	t
0345-0400	*WRTB	790	TN	t
0400-0415	WWSG	1450	TN	M
0430-0445	*WGSB	1370	TN	M
0640-0650	*KYMO	1080	MO	T

FOURTH FRIDAY

0000-0015	*KUDL	1440	PA	T/
	*WHDH	1080	NC	T/
0100-0115	WZZQ	1300	AL	TL
0115-0130	*KELD	1400	AR	T
0130-0135	WERG	710	AL	t
0130-0145	EGVL	1400	TX	T
0145-0200	*KBIW	1450	OK	T
0205-0220	KARS	860	NM	Tu
0230-0245	KPCB	1380	SD	T
	*WFRN	1240	AL	M
0245-0300	*WHPA	710	MS	T
/ - Friday after 3rd Thursday				
g - 3rd or 4th Friday				

FOURTH SATURDAY

0130-0145	*KERS	1340	AR	Tu
0140-0155	*WASD	1370	NY	T
0200-0215	KSRC	1290	NM	T
0215-0230	*KIML	1270	WY	TL
0230-0245	*EPLN	960	MT	T
0300-0315	WQJU	1450	MS	t

0645-0700 KDFN 1470 TX T
 a - 3rd or 4th Saturday

FOURTH SUNDAY

0015-0045	WJFI	1340	NC	TL
0100-0115	KCNW	1480	LA	T
0115-0130	KWON	1400	OK	T
0200-0215	*WHEU	1240	IN	T
0640-0650	KSYL	970	LA	T/
/ - Sunday after 3rd Saturday				

KEY TO SYMBOLS:

- - Regular check per monitoring service
 - * - Regular check per constant reception and/or station
 - T - station checks with Tone
 - t - station checks with Dial Tone
 - M - station checks with Music
 - O - station checks with Open Carrier
 - C - station IDs in Morse Code
 - Q - Quarterly Check (every 3 mos.)
 - Q1 - 1, 4, 7, 10 months only
 - Q2 - 2, 5, 8, 11 months only
 - Q3 - 3, 6, 9, 12 months only
 - ≡ - bi-monthly checks, odd months (1, 3, 5, etc.)
 - m - bi-monthly, even months (2, 4, etc.)
 - L - check made during last week of month.
- Other symbols are defined in the list.

ACKNOWLEDGEMENTS:

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Ernest J. Wesolowski, Ron Musco, John Sommer, Forest E. Osborn, Phil Blytheway, Harry J. Hayes, Sharon Waterman, W.R. Ritayik, Kelly Andrews, Bob Walker, Dave Schmidt, James Hopkins, Bruce Golden, and Bill Stone.

Several monitoring companies also supplied a list of their checks.

Any additions, deletions, corrections, should be sent to -
 Joseph Fela
 150 Robert Place
 So. Plainfield, N.J. 07080

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.

KARL JETER - 2816 Frontier Trail NE - Atlanta, GA - 30341

Greetings. I'm finally out of school for the holidays until 1/4. Besides work, I've got lots of DX time - time for my annual "December DX Blitz." Last year I got 60 or so newbies & I'd like to top that, but I'm off to a slow start so far as not much new is coming down the wire. Here's recent stuff: Cayman-1555 is a regular in the eve & morn here, heard 11/26 well @ 10pm w/"time pips" & into BBC World Service. 11/27 - R. Conora-675 Costa Rica noted well w/SS mx & IDs. Dakar-764 11/27 also @ 12:57a, w/their IS, weak, but there. Whoops, Sonora's time was 12:45am. WKKO-860 FL heard w/ET/TT & ID @ 1:58. Also they had mx during that ET. One surprising thing lately is that Guinea-1403 is about the best TA on almost any given night, even when CX are off & the regulars aren't heard, I can generally get audio, although weakly, from this guy. Must've jumped up power, eh? On 11/29, during an SSS try, I heard WBUL-1220 AL w/s/off 5:45pm. I thought this was a newbie until I realized it was old WBVI! 12/6 brought umn WSGA-1400 well on top of the mess @ 1:13am w/"Gal Friday Contest" promo. Local NSPer wasn't NSP this AM (12/6) as they were off, but had either OC or TT most of time, so same difference, hi. I am mourning the loss of WSB's deceased MM SP - R.I.P. Back to 12/6, Em. Monserrate-650 Colombia heard well @ 3:20 w/WSM off - frequent mention of Bogota. 12/7 AM, KDFN-1500 heard w/s/on o/WTCP & WSB harmonic @ 7. This one plays a Kate Smith version of SEB, also mentions KOEA-FM. Old test friend WRBJ-1580 MI in this AM, way o/usual, 7:11am w/WX. Finally, WTAB-1370 NC noted w/ET/TT & ID @ 1:25am on 12/11, this umn also. Further comments on verie returns. In the past, I have had much better returns than here lately. I used to get about 60-65% return even a year ago, but I'll bet half that now. But I'm stubborn (foolish?) enough to keep after 'em as the ones two years ago I thought I'd never hear from did eventually answer. Only one verie in Dec., KTMN-1530. Have a Merry Christmas & Happy DX New Year! 73.

BRUCE REYNOLDS - Route 2 - Box 608 - Warrensburg, MO - 64093

Time to check in again, though nothing much to report. KDKD-1280 is now on Si net & play contemporary mx, formerly c/w. KUDL-1380 u plugging upcoming call change to KCNW & will stay all-NX despite the demise of NIS. DX: 11/14- KICD-1240 s/on-SSB 7:30am. 11/15- KFML 1390 4:45pm w/free form type programming. Strange, I had never noticed this one before, but heard several times in the late afternoon since. KOKC-1490 o/mess 7:13pm & KQTY-1490 likewise @ 7:50. Both had c/w mx. 11/16- KCOL-1410 u/WING 6:56pm. 11/17- WEIC-1270 u/WBFF/KFJZ/WCMR @ 6:35pm w/SX, then rx. Veries: v/q- WIMS-1420. v/f- KFLA-TEST. v/l- KQTY KCOL KAYS KWOS & KLWT. I hope all enjoyed the holidays & will get lots of good DX in '77!

BOB SELLECK - 18 Coleman Street - 2-B - West Haven, CT - 06516

At long last I return to these pages, having recently acquired an early Christmas gift in an HQ-145-A. MW is on a single band with dial markings every 50k, & the BFO doesn't work, but it beats using nothing, & excels over the Meissner AF surplus when it worked. Next step is an PET for my loop. ERC, look out - I'm going on a verie rampage. Nice session at George Kass' recently, especially getting DX NEWS a week early. Only DX has been WIQT-TEST while setting up new RX. Decent signal, even u/WCFL's Rev. Ike. Phoned the announcer who said he'd received calls from IN & FL after WCFL s/off. I hope for more next Muse.

NEIL BANK - 2445 "E" Street - Apt. 6 - LINCOLN, NB - 68510

The NRC '77 LINCOLN Convention goes will be afforded protection from Injuns through arrangements with the Seventh Cavalry - seven members of the U.S. Cavalry. DX from this Homestead follows: 11/5- KIKR-900 Conroe, TX 6:16-6:31pm NX & into s/off. 11/14- KDMS-1290 El Dorado, AR on ET w/rr & ID 2:35-2:45. 11/17- KWNS-1290 Pratt, KA @ 7pm ID into NX, KALM-1290 Thayer, MO earlier in day at s/on. 11/21- WYNN-540 Florence, SC on TEST w/TT & IDs. 11/23- WKST-1270 Prichard, AL on announced r/c-DT 1:32-1:45 s/off, KXJK-950 Forrest City, AR 5:42-5:55pm w/NX & farm markets. 11/24- WLSM-1270 Louisville, MS on r/c 1:59-2:06 w/Buzz tone & IDs each minute; WGOW-1290 Sparta, WI noted loud w/TT & ID as ET @ 1:30. 11/25; a good Thanksgiving w/KSNN-1290 Pocastello, ID 7:05-7:15pm w/rr, spots, & s/off. 11/26- KSRC-1290 Socorro, NM 6:45-7pm w/SS ranchera mx into EE s/off on the hour. 11/26- WESC-660 noted shortly after their s/on. 11/27- KJGK-1420 Junction City, KA loud on ET with counts, OC & ID. 11/28- CJBK-1290 London, Ont. peaked up ANing w/rr & IDs. 12/6- WTAW-1150 College Station, TX fair-to-good on TEST 1:50-2:05 w/c/w, TEST ID, into Fighting Aggie Band mix. And sorry to say, that's it for my new DX. It seems to be an uphill battle for new catches with me this season so far, few TESTs heard. Veries in from f/ups: WDBL, KEEY, KPAG KGFY, all v/ls. Veries in from new seapn: CBNM, KBMO, CJRC, CHSM, CFNS, CFRG all c/qs, & KWNO, WKKQ, KTCH, WPHB, WTAX, KXRV, KBUL, KNWC, KIKR, KFGQ, CKJD all v/ls & v/fs. The two biggest sized veries I have received are both from SD - KKAAs v/q - the letter I received today from KGFY (18"x25"). Season's Greetings to all NRCers.

SKIP DABELSTEIN - 8209 West 78th Street - Overland Park, KS - 66204

A little DX to report since last Muse. Unn r/c from WIDG-940 heard @ 12:01 11/11. Much-wanted KPAG-1400 Pagosa Springs, CO heard on 11/15 @ 2:30 w/Pop. Later, KNIX-1580 Tempe, AZ heard w/c/w till s/off @ 7:30. This is the third call for this one, previously veried as KYND & KTUF. 11/22 brought TEST from WYNN-540. I hope nobody missed this due to the incorrect date in the DX Calendar. It made the IRCA bulletin OK & I usually check both postcards of notification to the clubs for agreement but Russ says the NRC card did say 11/26. I did call the Nebraska guys & Wes Boyd to get the word out to a few. 11/23 brought PoP from KDUZ-1260 Hutchinson, MN @ 1:30. Two new XE loggings on 11/29, XEAW-1280 @ 2:03 folo by KEYJ-950 @ 3:15. V/q from WNIL-1290 & v/f KFLA-1310. Totals now at 1,879. Where are all the DX TESTs this year? I knew my moving the past Summer would cut back my CPC time considerably, but after listening to everyone at Louisville, I thought sure we'd have a lot more participation. I find it ironic that we have less than a dozen active CPCers in the Club, yet some TESTs receive 39-40 reports from NRC members. This marks my 17th year in the NRC & it seems as time goes on & the larger we get, the less support we have in Musings & CPC. The problem of having a "Let George do it" attitude is that George gets tired too! As for the Lincoln Convention, we have already lined up a real nice motel & two featured speakers. In addition to the NRC Convention Labor Day weekend, the Nebraska State Fair will be running; about a ten minute drive from the motel. 73s & DX.

JOHN CLEMMER - 2937 West Gilbert - Peoria, IL

I've been a member a couple of months so I thought it about time for a Muse. I'm 18 years old, a freshman at Bradley U. & I'm majoring in business administration. I've been DXing about two years & have heard 28 states. I have very few veries, something I hope to improve upon. School's been keeping me real busy here. Here's what little I've heard: 11/17- WBT-1110 @ 5:55pm o/KFAB who usually booms in here (first NC station). 11/19- WNOE-1060 LA a surprise folo by WXJK-950 Forest City w/fair signal around 5:45pm. I finally got CA w/KFI-640 on 11/26 @ 11:40 w/talk. 11/28 found KSAL-1150 @ 5:30pm, then KQYM-1560 MO w/rr & plug

(Clemmer) for "Super Q Radio". One I forgot WDDT-900 MS s/off @ 6pm on 11/17. Anybody have any idea who carried LSU-Tulane game on 11/20? I hope to have more to report next time after long Christmas break; time that I can spend DXing. (I hope!) Good DX & 73. (Welcome to the NRC & our Musings group, John! We look forward to much more! -ERC)

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

Season's Greetings to all members. I had the pleasure of getting two Kansans in one week, 12/5. KEDD-1550 Dodge City w/barely audible ID in mess @ 6:30pm. Then MM 12/13 I had f/c on 1530, KNBI, Norton w/IDs @ 1:13 & 1:17 as sked w/much slop from Rev. Roosevelt Franklin on KXEL-1540. Just before WIQT-TEST, I heard r/c from WCAZ-990 Carthage IL alone, no GBW or WNOX, @ 1:24am ID. I had WIQT 1:40-1:55. I got correct phone number from Karl Forth & gave 'em a buzz. Signal was erratic & pesty XBOY played havoc at times. NY #20 in my book. I found out last week I'll be on afternoon shift through at least July. We've got over 256 more cars to buklrd from NYC Transit Authority. Those beauties with the big "M" on the side, New Yorkers. I usually split quitting time between 12:30 & 2:30am, though a lot of workers put in 12 hours regularly. I occasionally try for a f/c when I get home, but they don't ID often enough for me, very disappointing. I'm anxiously awaiting my new Domestic Log. I understand UPS settled last week & I'll have plenty of updating to do. I sent my money order in 9/20 I think. I'm looking forward to Bob Kramer's get-together on 12/26. I haven't really seen everyone, locally, since last June. It's just a bit difficult with my family & work sked. However, I haven't lost my interest. I've been an AM DXer for ten years & it's a most challenging hobb. I hope to have another Musing before 1977. By the way, Bob Del Giorno is sure waking things up with his 8:15-12 morning shift at WAIT-820. It's a much-needed improvement. The 38-year-old DJ is the only "personality" they will have for the time being, according to station management. Merry Christmas, & 73.

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

I guess this Muse will be the last for '76 or the first for '77. Things have finally shaped up & lots of new stuff has been heard, to wit: 11/26- WCBC-1270 5:10-5:23pm w/Information '76 NX program. 11/29- WAOK-1380 1:02-1:13am w/soul, w/local WAMS on (I'm in their main lobe, too). Later on, CJSS-.220 5:38-5:50pm w/NX, many spots, even CBS network stuff. I also noted WJML-1110 eating up WBT @ 5:13pm. 12/9- WKCY-1300 4:50-5:58pm w/c/w, then s/off. I hear this one is a roughie to verify, so a PP/c sent with report. Newie WCRJ-1530 5:22-5:30pm, now on RS w/WCKY nullled, evidently they're running a pop-religious mx format. 12/10- WTRY-980 3:25-3:48pm w/rr, heard nightly but never this early, WMBS-590 4:14-4:30pm w/MoR & CBS net stuff, long-sought, & WZAP-690 4:38-4:50pm w/c/w. I've heard WMBS many times in the past, even set up a TEST with them in '70 but waited six years later before finally reporting them hi! Veries: v/q- CJSS-1220, v/f CJJD-1280, v/l-WCBC-1270, bringing the magic total to 844. I've finally gotten bits of audio from the very over-modulated pirate running on 1610, giving mentions of E PA's most listened-to station, and frequency given as 1580, & I believe the call is either WEMK or WAMK; mention of "MK Radio," noted caught in the rumble. They're usually on after midnight, sometimes peaking as high as +plus-20 on the meter but the bad level of modulation makes this a rough one. I would appreciate knowing if others have heard it. In my CPC efforts this year, six requests went out, two NO's back, one "might be" and three no answer. I've hit the lemons evidently, hi! That should do it from this end from the First State DXer! Happy Holidays to all.

THIS IS A BIG ISSUE FOR OUR FAMOUS MUSINGS SECTION! BUT, THEY COULD ALL BE NICE AND FAT WITH YOUR CONTINUED INTEREST, NRCers'. IN 1977, PLEASE GO ALL OUT TO HELP MAINTAIN THE QUANTITY - AND QUALITY - OF MUSINGS!

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

I have been absent from the Double-Spaced DXers' column for some while, for a few reasons, but I am looking forward to an interesting, if sporadic, season. Reason one is that I've been involved in some research, and reason two is that my Richmond Hill location has been deleted due to the arrival of my sister's first child, a born DXer if I ever saw one - if his enthusiasm for adjusting the TV color is any indication. So all my junk is out here in Copiague, far enough from home here/totals to warrant a new log because ~~DX~~ are so different. So my ~~ANERS~~ will be limited to a few sporadic trips into the Hill on nights when TESTS from Nevada-Idaho-Alaska or Hawaii are sked. The last log in the book isn't even from here - it's from a dorm up at SUC Brockport, where I spent a few days visiting my girlfriend. Naturally, even with a clock radio, a few neededs down here - most importantly WJAC-850, whose 800-miles-long-by-four-inches-wide signal apparently goes through Brockport on its way to the North Pole. Along with "96 FIR", another needed. Was this guy always WFIR? (No -ERG) I finally got paid for DXing - after all these years. Election night at WBAB I came in early & commanded an office, filled it with three RXes, a loop & two tape decks & played National Desk. The NX Department was obviously impressed by the job we did on Hurricane Belle, where several Nught Crew folks, with the help of a few RXes, traced the storm from 4pm till 6am, & saw about 98% of our predictions in print the following day in Newsday. So we got an encore. J+m Guthrie at WPHB can tell you about the Nigh Crew. Once we put the cards away we somehow manage to sound like a real radio station, hi. For those who asked about the Realistic TRF (\$30). It's worth it if you like the performance of a good car radio that's portable. And, for what it's worth, I'm in favor of more swearing in DX NEWS to lend more of a spirit of re-enactment emotions when reporting. I just can't remember the last time a 1530 TTer way down in the mud was just about to ID when WCKY unleashed this awesome ID & I said "Oh fudge." 73.

ELLIOT STRAUS - 1410 Bond Street - Asbury Park, NJ - 07712

Big news here since last Muse is country #67 in the form of LS-10 Argentina, R. de la Plata on MM 12/6 @ 3:30am. (Frequency? - ERG) Also WOR-710 was off for first time I remember in at least three years. I logged WKJB, P.R., Rennes, France; & HJNX, all 710, also I heard WGBS Miami testing. I wish WOR would do this more often. At the same time MM WGBS-880 was testing with some OC, WINS-1010 was on OC @ 1:25am, WWRL-1600 s/off @ 2 w/all three verses of SSB sung. Possible on 926 was Belgium @ 5:15-5:30 on 12/4 w/EE rr & Dutch TX (I presume language), but I couldn't understand enough to ID. Recent veries: WCSH-970, WRIV-1390, WGCH-1490. I've got out 103 reports since 1/1/76, w/54 veries back so far. I still have hope for about 25 though. The R-390A w/SM-2 combo is serving very well, I guess I'll let the loop go till next season. Funny, I always thought I couldn't live without a good LW but after it's Fall I realized the SM-2 is much superior. MM 12/6 finally paid big dividends after five hours every MM since September. 12/6 - Seven new stations, one new country, & five reports out. I have a hard time hearing anything new at all except for SSS, SM & MM. Well, I guess that's all the news from the Jersey Shore for this Muse, and Felice Navidad y Ano Nuevo a todos.

JOHN HOOGERHEIDE - 105 Bayside Lane - Brandenburg, KY - 40108

I'm still concentrating mostly on SW where Thailand-9654 is latest new country logged. On BCB only to try to log and verify whatever countries are not available on SW bands. Two BCB veries in - R. Cayman in eight days for 1555 & friendly FF letter for FF report from R. Jumbo-545. They stated program was beamed towards Martinique and Guadeloupe. I sure hope you BCB verie seekers get better returns than I do on SW - only about 35-40% replies.

AS THEY SAY IN SIKESTON, MO, "KSIM". "KEEP SENDING IN MUSINGS."

HARRY J. HAYES - Star Route - Box 226c - Gouldsboro, PA - 18424

I've been concentrating my efforts lately to the "lower regionals", namely 550 to 630. I've been neglecting these of late & am finding out there's a lot to be heard here. 11/29, 10:36pm Cayman Is.-1555 s/off, in fair w/BBC NX. 11:01, WHOA-870 PR heard w/fair signal for a change w/s/off. 11:40, 1403 station in w/musical chanting, assumed to be Conakry. 12/2- 5:15, WLIL-730 TN in w/religion. 12/5, 2am, WWNC-570 NC in w/c/w & NBC NX, fair u/WMGA. 12/6- An UNID FF on 570 heard @ s/off @ 12:08am. I thought I heard mention of Moncton; also noted by Dave Schmidt. 1:22 to 2:30, WKTY-580 WI in w/poor to good signal w/rr. 1:31, WGAC-580 GA on ET, excellent signal. 1:46, WHBQ-560 TN good signal w/T-40. 1:54, WOW-590 NE, first time heard, w/excellent signal, o/Cuban, had T-40. 2:05, CBK-540 SA. local like signal. 2:17, a station advertising KLRO-FM on 860, I take this to be XWMO. Am I right? 5:03pm, WSJS-600 NC good w/sports report, fighting it out w/WICC/WCAO. 12/7- Up early this AM to bag WDOH-730 Oneonta, NY @ 7am u/WNAK's PSA, w/local NX, "Oneonta Radio NX." CX have been outstanding, as evidenced by the unusual NW opening of MM 12/6. Total stands at 900 even heard, 45 veries. I also have several taped but count not up to date. I recently made a state by state count & find I have 121 bagged for PA & 126 for NY State. I was surprised to see NY come out on top, but I guess a lot is due to those upstate openings I had in the Fall. 73.

JERRY BOND - 143 Burwell Road - Rochester, NY - 14617

Greetings everyone. With the DX season in full swing I thought I'd better heed ERG's plea for Musings & send one in. I'm at a new location now & have been for about two months & even though I'm only two miles from my former apartment I've managed to hear over 40 new stations here. Among the new ones heard this Fall are the following: 10/17 - WRYM-840 loud @ 6:17pm s/off. 10/18- WVOX-1390 @ 12:01am. 10/19- WBVM-1550 @ 5:34pm like a local. 10/22- The new CKNS-930 Espanola, Ont. came in for a few minutes o/WBEN @ 5:48pm. 10/25- Canadians just covered the dial around SSS this night & five new ones were heard: CKWB-1000 @ 5:30pm, CHNC-610 @ 5:39, CJSO-1320 like a local @ 5:46, CFCF-600 @ 5:58 & CHGB-1310 w/a beautiful ID in the clear @ 6pm. Two other newies heard that evening were WTSN-1270 @ 5:51pm & WFAD-1490 @ 6:27. 10/26- WLNH-1350 in @ 6pm s/off. 10/28- WJBQ-1440 noted @ 5:41 w/a "Stereo JBQ" SID, WHWB-1000 @ 5:55pm & CJLM-1350 @ 6:07. 10/29- WIZR-930 @ 5:53pm o/WBEN, WTTT-1430 @ 5:57pm w/marching mx, WWEL-1430 @ 6 s/off, WANN-1190 for my first SSS catch ever on 1190 beside local WHAM-1180, & CFCF-600 in well @ 6:42. 10/30- CJMT-1420 in good w/nice ID for me @ 5:15pm & WFLN-900 @ 6:05. The last week of October turned out to be about the best period of good SSS DX to Canada & New England that I've ever heard. In recent years SSS DX has yielded mostly stations in the S & Midwest & it's nice to hear other areas for a change. 11/2- CKCB-1400 @ 5:26pm, CHYM-1490 @ 5:29 & WTTN-1580 good @ 5:31 s/off. 11/4- WCSH-970 @ 10:35pm & WLBZ-620 in @ 11:04 for two new ME stations (both NIS) within 1/2 hour. Also heard were CJEM-570 @ 11 & CHLT-630 w/an SID @ 11:03pm. 11/5- CFCL-620 @ 5:47pm & WFAR-1470 in @ 6:02 for my first SSS logging on 1470 beside local WAXC-1460. 11/8- KATZ-1600 made it through the mess @ 5:21pm. 11/9- KTOE-1420 in @ 5:37pm. 11/18- CFNB-550 made it through @ 8:55pm w/no sign of usual WGR. More next time - good DX, everybody!

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

The biggest news here DXwise has been the reception of station #601, WSMA. I hope the next 600 will be easier now, but I'm sure I can't bet on that. Also I finally did my log over again in celebration of 600 stations heard. Instead of using a notebook, all DX information will be put on index cards. 73s.

O.K., MEMBERS - AS YOU READ THIS, 'TIS ALREADY 1977, AND IT IS TIME TO THINK ABOUT PICKING YOUR VACATION DATES AT WORK. WHY NOT MAKE SURE YOU GIVE YOURSELF VACATION TIME AROUND LABOR DAY SO AS TO BE ABLE TO ATTEND THE N.R.C. CONVENTION IN LINCOLN, NEBRASKA, SEPTEMBER 1-2-3-4?

JIM CRITCHETT - 1635 Walbridge Street - Red Bluff, CA - 96080

The "Hopping Cricket" is back DXing! After ten months of comparative inactivity near Anderson, CA we bought a house in Red Bluff & I started DXing 11/21. Over 260 stations have been heard IDing already, 12/13. For re-introduction, I am 70 years young, & married to Frances. My present receiver is a Drake SPR-4, w/a Sanserino Loop, and earphones, so as not to disturb Frances with the noises. A very good DX location this is - Oregon, Wash. & W Canada stations come in about as well as in Yreka from 1973 to early 1976, and signals from the E & S are better. I am wondering why their local DXer did not report that KPLY & KPOD had swapped frequencies? The excellent Yreka DXer told me, & I heard KPLY on 1310 11/11, off @ 5pm PST near Anderson, & 11/30 here, off @ 5. My only new stations so far are KUPL-1330, ex-KPOK heard @ 11:13pm 11/24, & KNWS-1280, ex-KNAK @ 7:36am, 12/13. No reception report, no veries. I certainly wish that 1976/77 NRC Domestic Log ordered 11/12 would arrive! It is badly needed. Season't Greetings & best wishes to all.

HM2 MICHAEL S. HARDESTER, USN - Naval Regional Medical Center - Box 2723 APO, San Francisco, CA - 96331

Howdy! As yet, no real DX, but good news. My wife arrived on 12/7, then all of the household goods (including DX gear) arrived on the 10th. I've finally gotten DX gear & household articles set up, and I hope to be DXing in a week or so. Only casualty in the DX gear were two Sanserino Loops (LW & BCB) which arrived with very very loose wire. Both are re-wired & ready to go. For those interested, the precision frequency measuring gear arrived intact & appears to be functioning without problems. AFRTS-650 (Zukeran area, not Kadena) was noted on 649.980. We're living in Navy housing at Naha Air Base (26°12' N; 127°39' E) & from the housing office publication: "The walls of the new housing are 5/8" plaster applied to expanded metal lath attached to 3/4" thickness of insulation." So, DX may be fun with a loop. Other "bad" news is my decision to begin work on a master's degree while here, but I think it's for the better - at least I'll get to use my GI Bill educational benefits before they're chopped off. 73 & a Happy New Year of DX.

GARY BRODEUR - Box 231 - Placentia, CA - 92670 714-996-7686

I'm 23, recently married, live in Fullerton and manage a convenience store in La Habra. Since my work hours are set now, I can register for classes again this Spring: Radio & TV at Fullerton College. I will keep using my wife's Lloyds Multiplex and the car radio until I rebuild Heathkit GR-64. 11/10 - UnID-780 @ 9:15pm, interview with Sir George Shelly & Chicago Symphony Orchestra performing Carl Nielson's Symphony #1, KCRL or WBBM? 12/3 - KGYN-1210 @ 6:30pm. 12/4 - KRVN-880 @ 4:39am, livestock report, u/low bet. (Is this PST, perhaps? -ERC) KBCQ-1020 @ 5:12am w/soft rr where KSWS formerly broadcast, a call change? (Yes -ERC) 12/8 - WHAS-840 9:35-9:45pm w/strong signal, NX & c/w or rr. At 9:47 - later, WBAP-820, WCCO-830, WWL-870. 12/11 @ 6:01pm "This is KJ Country - KJJJ-910" mixed w/KNEW. WLS-890 @ 6:12pm w/rr & "Star is Born" promo. KMLO-1000 @ 6:20pm; I received this decent lkw daytimer whose frequency KOMO dominates after s/off. I have heard many unID Mexican stations, but virtually no SAs, TPs, nor Canadians. I'll probably be slow about getting better equipment, a decent antenna, my ham ticket, etc 73s. (Welcome to the NRC, Gary, & please Muse regularly! -ERC)

KEVIN MOLANDER - 5555 Banff Court - Concord, CA - 94521

With nothing to do on a Saturday, I thought I'd break down and send in a Muse, which is a first for the WC, hi! DX from the past couple of months goes something like this: 10/18- 6:30am, KSJB-600 ND heard w/a fair s/on, CJOR & others interfered with this one. 8:01am, CKUA-580 Alta. w/a on u/KPKD. They immediately started playing instrumental ex. 11/8- KTHM-1380 s/on @ 7:31. This one is tough in the Bay Area, but relatively easy in the Los Angeles area. Same morning @ 7, KIDN-1350 CA, ex-KKAM was heard s/on u/KRLC. 11/15- Malaysia-1475 very

(Molander) strong this AM. They were noted playing pop mx. 11/24- R. Jumbo-545 in very strong at about 9:05pm in FF. About two minutes later they were completely gone and there was absolutely no sign of them. Do they s/off around this time? (Yes -ERC) 11/25- VOA-1180 FL heard w/super-loud s/on @ 6:29. After s/on they went immediately into SS programming. By the way, this was a new state for me. CFNS-860 Sask. noted w/weak s/on & "Oh Canada" at about 6:55am. On the same morning @ 8, I think I heard KXXR-1440 s/on approximately two or three seconds before KPRO signed on. Unfortunately this is a tentative reception as my tape recorder wasn't running! 11/29 @ 5:02am KANC-1080 AL was heard w/a great signal. At 5, they IDed as "KANC Anchorage" & went directly into pop. That was AL #5 heard here. 12/6- R. Clarin-860 D.R. heard w/ID @ about 4:30am. 6:22am, WQXR-1560 w/calls, cl mx & mention of Unicef's 30th anniversary, w/poor signal at this time. TIOS-825 C.R. heard on 12/9 at about 1:20am w/only "Titania" ID. They played SS pop mx. Recent reports out to KNX-1070, KRLA-1110, KEWQ-930, KNCR-1090, KCVR-1570, KRGO-1550, KTFI-1270, WCCO-830, XEMO-860, KATA-1340, CKNW-980, WJR-760, KHQ-590, WHAM-1180, WWWE-1100, KMO-1360, CKWX-1130, KZAM-1540, CHQM-1320, KFAB-1110, CFCN-1060, WQXR-1560, KVI-570 & WSM-650. V/q: KNX KRLA KTFI WCCO KGNW WJR WHAM KMO KFAB. v/l- KCVR KEWQ. On some stations all I can manage to get is one spot and one set of call letters - is this enough for a report if that's all I manage to hear. That's about it from Concord. 73. (Welcome to the Musings & the NRC, Kevin, & please become one of our regulars! -ERC)

WAYNE HEINEN - "The Pike's Peak DXer" - 2603 Paseo Road - Colorado Springs Work load increases, DX decreases; that's life. /GO - 80907 Some veries in of late include: v/l- KBZZ-1400, WOC-1420, KWYS-920 (r/c is last Sat. 3:45-4:00), KNIX-1580, CJVI-900 KMTX-950. v/q- KVOO-1170, KDMN-720 WOC-1420, XEG-1050, CFQC-600, KTFI-1270. v/f- KIDN-1350, KBCQ-1020. Veries stand at 592. To DX. 11/29- State #49, KORL-650 o/u the Colombian w/rr & some commercials for a decent log, 3:10-3:30. KSTN-1420 3:47-4am. SM 11/27- KOFI-1180 here to get o/SS 1:33-1:49. 12/6, MM- I got first few minutes of WTAW-1150-TEST w/s/on about 3:02am & quickly blitzed by KNWZ. Loggings of TPs have arrived to, w/USSR-647 & N.Korea-655, also TA's on a few MMs. Looks like E side of Colorado Springs will be a good DX location I hope the New Year goes well. I sure could use to see more v/s & more verifying DXe s out there. Neil Zank, could you look into KRVN? Seems they're been slow to non-existent. Once again anyone with problems on any of my locals please drop a line & I'll see what can be done. 73s, all.

RON B. SCHILLER - 7657 La Bolsa Drive - Dallas, TX - 75248

Santa arrived on 12/3 with my all-time record number of veries in one day: ELEVEN! Nine v/l, two v/q: KZEY-690, KCMC-740, KLMR-920, KAYK-960, KZYM-1220, KOKE-1370, KNCK-1390, KGBC-1540. v/f- KBCQ-1020 & v/qs from KHOW-630 & KAYC-1450. Since then two additional v/l's: KANE-1240 & KCRS-550. Cms from KZEY KLMR KNCK KAYC KANE & KCRS. Recently heard: 12/3- KWCO-1560 BB game 11pm (BKB?? -ERC) 12/5, a trio of newies on 1330: WJPR @ 7:45, WDAL @ 8 & KVOL s/on SM @ 8:01. 12/6- One spot heard from WTAW-1150 TEST 3:24, nothing after, dunno if off them or bouncing over, very long skip noted with Californians in well. I logged KGBS-1020 still on that call, all talk, @ 4. Unn CFRB-1010 Toronto blasting in @ 4:05. KHOZ-900 8:45 w/ong WX-cast. 12/7- Raretry at SSS DX. KAPB-1370 ripping up nearer KFRO @ 6:08-6:15pm, KDKI-1360 s/off 6:15, KCOH-1430 local NX circa 6:25. Long unheard WGBF-1280 topping WGSO @ 9:25. They didn't answer early 50s report, so another try. Ditto situation w/WIRL-1290 atop all 9:33-9:59pm. Unn WLO-590 topping the Cuban @ 10. 12/8, KVLG-1570 through the Mexican Monster 6:15 on, local KTER off already. KAJN-1560 s/off 6:30, little late methinks! 12/9- Conakry-1403 in fairly well at midnight, Lisbon-665 in too. KMMJ-750 w/KSEO @ 8; WSJC-810 o/KGMO/WBAP spill 8:05 on; KGKO-850 s/on 8:15 u/KOA & SS. 73.

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

Time to recap 1976 for the annals, for posterity, and whatever else we have here, hi. I did NOT have a very good DX year. In '74 I

(Fader) heard 215 new stations, in '75 252 newies, and in '76 (through 12/18-68! The drop was a result of not DXing, due to school work, work work, etc. In DX, as in life, you can only take out what you put in. (Good saying, huh? H1). I've had 24 Musings in the last 24 issues - once I miscalculated the deadline and had three in one issue. To the silent (non-Musing) majority: A Muse takes only five minutes and very little effort. Here's an AT-40 updatr: WFHR-1320 Wis., new 12/4. Per Jeff Cohen's recent Muse, KIKM-910 is apparently AT-40, so I may have erred in listing KIKM-1590 instead. Or, they may both carry it as far as I know. And now a re-intro: I'm 17, a freshman at Queens College (C.U. N.Y.) majoring in Bio-Premed. I'll likely transfer after next year. I've been working for the Music Dep't. of WQMC-590, and maybe I'll get into engineering. Other interests include: stamps, coins, SC's, rock mx, (Boston, Aerosmith, Led Zep, Fleetwood Mac, April Wine), bowling, pool, pinball, cardplaying, basketball, tennis & tournament ping-pong. Now if I could only get more interested in Chem & Physics, maybe I'll have an easier time in school, hi. I'll have a report on "Dominican DX with a cheap portable and no loop" for your collective perusal after a week there 12/24-1/1, but final exams begin 1/10. Help! Enough of this garbage. 73.

HARRY W. JONES - 9612 Atwood Road - Vienna, VA - 22180

The threat of a strike by Editor ERC has prompted the writer to Muse again. I have previously mentioned my return to CEB DXing after a lapse of nearly 40 years. Both, as a professional electronics engineer and student of radio propagation over nearly four complete sunspot cycles, I regard our MW hobby to be the most challenging, technically, of all DXing pursuits. I would like to hear from NRC members who are involved in commercial broadcasting. During my under-graduate days in Columbus, OH, I worked as a broadcast engineer for WHKG, WOSU, & WBNS. After receiving my E.E. degree at Ohio State U., I went to work for Westinghouse Radio Stations Inc. with engineering duties at WBZ-A (Boston-Springfield) & KYW (Philadelphia) until the call came for active duty in the U.S. Army Air Force in 9/41. Post-war, I returned to Westinghouse International Co. and did MW consulting work for All-India Radio, Radio Free Europe, & Westinghouse "Group W", including the resolution of Cuban BOB interference problems under NARBA agreements. I still hold valid FCC radiotelephone and radiotelegraph first class operator licenses, along with the amateur extra class license. Reception of TA signals has deteriorated in recent weeks but LA & Caribbean stations are usually "armchair copy" here. A typical AU night on 12/10 produced the following stations between 8 & 9pm on my Drake SPR-4 & 135' inverted L antenna: R. Cayman-1555, R. Grenada-535, R. Jumbo-545, CMQ-640, YVLL-670 R. Rumbos, SR9-725 Surinam, PJB-800 Bonaire, R. Belize-834 & XEW-900. I am still trying for Ecuador, Brazil & Peru. 73 & Season's Greetings to all.

BOB WESSOLOWSKI - 1933 South 33rd Street - Milwaukee, WI - 53215

I heard a couple of interesting f/cs lately. (Could someone please explain the diff between a r/c, f/c, ET & PoP?) Anyone have an idea who's the persistant TTer on 1060? I listened to the tone from 1:26 to 2:32 on 11/28 & checked back every five minutes till 3 & got no IDs at all, just a lot of Philly NX from KYW. (You sure that isn't a thousand-cycle HET from the Cuban on 1059, Bob? -ERC) I heard the tone after midnight on 12/4 & 12/7 also. I got an unID-1230 tester on 12/7 @ 1:18-1:27 who really was playing with the controls. I heard about five different tone levels including some wowing. It sounded like a f/c produced by Emerson Lake & Palmer. Too bad I couldn't make out an ID. DX NEWS has been more interesting lately with more new Musers adding input. Maybe if some of the "old-faithful" Musers would tell us their feelings (foolish/self-conscious - I don't know what to say, etc.) when they wrote their FIRST Muse, a few more will decide to give it a try. How about someone else from Wisconsin putting down their Pabst and picking up a pen? Just in case anyone cares about my "WMMM" promise in my last Muse, it stood for "Write Many More Musers." 73s.

MIKE WHELAN - 1654 Bathurst Street - Apt. 401 - Toronto, Ont. M5P 3J9
Hi everybody. After seeing how easy it was to Muse last time, I just had to do it again. DXing started late for me this year, mainly because of school, but since picking it up again for the new season, my totals have gone up 25 in the past week-and-a-half & with most of them being reported! Some of my catches: 12/5- 4pm, WEAW-133C IL, WJPS-1330 IN, WHBL-1330 WI all logged within minutes of each other. 5pm, WAWA-1590 WI. MM DX 12/6 started out slowly but picked up @ 2am w/CFAC-960 Alka. giving the NX, WX, SX @ 12. 2:30 I had 1460 off except for WBNS OC. Fading in at that time was WKOK LA but still weak. Going back a few days to 12/3 when WHBG-1360 VA was heard w/f/c @ 12-12:15 w/ID at end. 1-1:15, KFVS-960 MO in good w/frequent IDs. 12/7- WIOS-1480 MI w/code IDs @ 12:30am. 12/8- CMJN-780 fighting it out w/WBEM @ 7pm. 12/9- WIDG-940 MI in excellent w/f/c & many IDs to 12:15. WLOA-1550 PA w/s/off @ 5. 12/11- WMTS-810 TN in great for s/off @ 5:30pm. Before that KOAM-860 KA with record offer @ 1:45am for state #36. 12/12- At 2am R. Clarin w/mx/talk & fantastic clear taped ID at the hour, for country #9. Totals here now are 407/160, 36 states & eight provinces, nine countries, five verified (not six as previously mentioned). I must mail my reports now so I'll say 73 & Happy New Year to all!

GRAY SCRIMGEOUR - 227 Hanna Road - Toronto, Ontario M4G 3P3

Greetings, and Season's Greetings. Not much time to DX, or Muse, but here's a little. JAC: 'Tis Lockeport, N.S. (cf. CBHC-740 in question); my postal records show Lockeport has been the name since 1871 - previously Locke's Island. 11/13- R. Cayman-1555 7:30 pm ID. 11/14- R. Melodia-730 12:30am. 11/18- WMNA-730 5:15pm s/off, CKNS-930 // -CJNR-730 6-6:30pm, R. Jumbo-545 8pm. 11/29- CKDR-900 u/CHML w/GJRL ID 1:05am, unID SS on both 1085 & 1375, unnn CHTM-1190 & CFAC-960 both S-8. 12/1- WFLO-870 4:30-5pm s/off, WMAZ-940 5:08 w/CBS NX. 12/2- WKOK-1070 4pm, WPIK-730 4:45 s/off. 12/4- Conakry-1403 // -4910 SW outlet 6:20-7:10pm for country #60 from Toronto. Modulation on this one a lot like TA receptions in California - weak & fading. 12/5- SS-640 u/CMQ 1:15-1:30am, is the Colombian still ANING here? (Yes, I believe so -ERC) 12/9- WLOA-1550 s/off 5pm, WRAN-1510 to 5:24pm o/WMEX. 12/11 - 1580, on SSS I had two unIDs; seemed to be WKUN s/off 5:30pm, leaving WEYY, but not positive; CHNR-1600 putting strong but sporadic signals on both 1618 & 1582. On vacation this August, I noticed exceptional daytime reception at Providence Bay on Manitoulin Island - water skip, with only LPRT's close by. Now Espanola has its first high-power station Manitoulin's first local. No Monday lectures to give for a while, so maybe I'll get some midnight DXing in. Best to all.

DICK TRUAX - 3003 Gleeson Lane - Louisville, KY - 40299

By the time this sees print it will be the New Year, so a belated best wishes to all. DX since last Muse is sporadic but better. 12/5- WOKI-1550 TN w/SID & rr @ 5:35pm, I've been looking for this for a long time as FM is semi-regular here. WTAW-1150 TX on TEST w/polka mx 2:32am. On 12/6, then while hoping for KBGN-910 WRNL VA was logged w/ID & NX @ 3:03am @ WORD SC w/rr & ID @ 3:18. No sign of KBGN is it was on. Also I am the last to log KRGO-1550 UT @ 3:24am w/e/w & ID. Highlight of the month was a four day trip to Acapulco on 12/11-15, won through work sales program. With the aid of a Realistic TRF borrowed for the trip I did some DXing 12/11 & 12/12. 12/11, the following US clears were noted between 11pm & 12 - KFI-640 WSM-650 WBEM-780 KGO-810 WBAF-820 WHAS-840 (Home, sweet Home) WWL-870 WLS-890 KNX-1070 KMOX-1120 WOAI-1200 WLAC-1510. Only regional noted both nights at very good level was KILT-610 TX. On 12/12 it must have been semi-AU as Chicago & St. Louis didn't cut through the hets, & WHAS barely made it. Strongest stations both nights were naturally WBAF & WOAI w/WLAC a very potent second place. I wish I had taken a tape recorder & had more time to listen - it is an ideal location for DU DX, but the band is as crowded as at home, only w/SS from all over Latin America. More as it becomes news.

CALVIN AUGUSTINE - 3422 Brookside - Rapid City, SD - 57701

Can you believe this? Here I've been a member of NRC for eight months & here is my third Musing. Guess Ernie's empassioned pleas have been getting to me, hi. On the evening of 12/2 I finally got a chance to spin the dials a bit, & ran right into a problem. At 11:17pm ELT I was getting a beautiful signal from Alberta, but the only problem was all the IDs said I was listening to CHEC-1090 in Lethbridge. I know the dial is not that accurate on my DX-160, but that was ridiculous. So, I decided to check with someone who would know what was going on, so I gave Wes Boyd a call. I sure enjoyed talking with him, & I learned a lot from the conversation. Only problem is, when this month's phone bill comes, I'll probably have to hock the ol' DX-160 to pay Ma Bell, hi. Courtesy of Wes, I found out I was listening to CKTA-1570 in Tabor, Alta. which carries // programming w/CHEC-1090, lots of good rr mx. I sent the request to Tabor, & got a v/1 & CN back in a week. On 12/4 I was back at it, & noticed KEND-1590 has dropped NIS & is now c/w & calling themselves KEND, Country Radio-16. They were walking in solid @ 12:17 & stayed that way till I tuned on. At 1 I caught WDXR-1560 w/NBC NX folo b/s/off @ 1:05 They were coming in so good they were burying KKAA until after they signed off. At 1:17 I finally found everyone's new nemesis, KRG0-1550. I had a but of trouble nulling out KKJO, & they still fought it out every few minutes. If you can imagine what KKJO's rr & "1550 Country Cargo" & their c/w sound like coming in at once, hi. I hope Ernie retypes this mess. (How else?? -ERC) My typewriter doesn't seem to know how to spell tonight, hi. As they say in Scottsbluff, NE, Come Over to Lincoln Together. You will all get to see my smiling face there Labor Day weekend. 73s.

STAN SHEDD - 1433 Fifth Street NW - Calgary, Alberta

I'll try to get off a brief Muse while waiting for KKIS to fade back in so I can get off a report. I just spent 45 minutes trying to ID an FF station on 1310 - no luck. Anyway, KKIS is back. I received a nice v/1 from KSEN. Hardly noteworthy DX, however, his letter seems to indicate that the night pattern shown in the pattern book is not right. He did not indicate what their coverage was, but was surprised to be getting into Calgary. CX are good tonight. YNX is in like Gangbusters. UnID SS on 550, format sounded like Cuba. I'm going back to the dials & see what else is good. One last word for those of you S of the 49th - remember Canadian postage to the U.S. goes up March 1 - get your supply of 12¢ Canadian stamps soon. 73s & the best of DX in '77.

GERIS HANSEN - St. Joseph's Seminary - Dunwoodie - Yonkers, NY - 10704

Hello to all, it is the season for all to Muse, for any reason. So, for my part, I am sending this Muse to Ernie, Bay-State-way-wending. DX is slow, for several reasons, 'tho Winter's best, of all the seasons. My final exams are given this week, so I am really not at peak: DX is taking second-billing, to Moral, Church, and bottle-killing. However, in the week just ended, I heard a station which I'd tended to think that I would never hear in New York City of places near. 'Twas WERI-590, which, to me, is really fine-ty. I sent them a report post-haste, I hope that they don't think it waste and that a verie, new and shiny lands in my lands in my mailbox, neat and tiny. And when it does, I'll pass the word that from my hometown I have heard. I think it's time that I was closing my Musing, since I hear you dozing; however, be assured that I will Muse again, or by-and-by; and to the Club, my warmest wish that every call for which you fish in airwaves clear, which I call heaven, will come to you in '77. Before I forget, we're having a meet on the New York City DX beat in January of this year, we hope that we will see you here. For date and time, I hope you'll write and I'll direct you to the site: 73s to all and to all a good night. Hi! 73s

FRANK E. DAILEY - RFD #5 - Route 12 - Preston, CT - 06360

Hello again DX Freaks. Long overdue in this MUSINGS Dep't. There's not too much DX due to not too much time at the dials. Best catch lately has been KRLD sneaking in u/WTIC (50 miles; 50 kw) w/

(Dailey) Monday night FB. Thanks here to Scott Strentzsch for his // logging. Some other thanks to Ron Musco for KRG0 & WGRJ tips. The "Annual-Every-So-Often" Connecticut GTG was a moderate success. Edmonds, Stonier, Kemp, Sollect & our "distant" guest Elliot Strauss. Sorry for such short notice to anyone else who would have attended if we could have gotten word out earlier. George Kass hosted the event. I don't know where we'll have them when he moves to St. Louis. (In St. Louis, match! -ERC) By the way, G.K. now has over 500 B.C.'s (and that's not British Columbia) all different. I'm only at 101. (We collect beer cans - almost as much fun as DXing, hi!) Other stuff in of late has been Jumbo-545, Cayman-1555, SWF-1016 & about ten non-exiting domestics. Super-post WABC off 12/15 @ 3am. I spent one hour on 770 & no KOB, just HOL-83 & HJXX, R. Tequendama, Colombia, & the FCC wants KOB to give WABC MORE "protection" - that's a laugh. Looking at NRC Log Updaters (thanks, J.C. fine business) I think the C.R.T.C. has gone berserk. Many Canadian lkw are getting 5 & 10, 10kws are getting 50kw & now they're even authorizing a Nfld. on 750k. Merriman, I think they don't want us to hear AK - it's a conspiracy! ERC- cong-rats for #4,000, I'm mesmerized by Mothball Memories - nice. Here & now is time to tip the hat to the hyper-active, humble, Hubbard hero Jerry Starr, and the generous, geriatric, Girard genius, Wes Boyd. Thanks for DDXD - both for the tips, and the humor. Again thanks and FUST. Happy Holidays to all.

FRED NORDQUIST - 7945 Boxford Road - Clay, NY - 13041

It's been at least a year since my last Musing. I almost didn't renew my NRC membership this month (Dec.) but finally decided to, because BOB DXing is still in my blood. So tonight (12/8 @ 10pm) while I'm trying to ID a 20/S-9 signal on 1572k & the TAs are in at 25/S-9 level on 1602 & 1586, I'll write this report. DX highlights during 1976 were as follos, all new to log: 1/11- HJAH-1070 Barranquilla, 7:04 pm, WLFA-1590 Lafayette, GA s/off-SSB 5:59pm. 3/1- W100-1000 Carlisle PA SID/rr 6:10pm, WYNX-1550 Smyrna GA gospel record ad 6:35pm, CMKL-1200 Santiago, Cuba "R. Reloj National" 7:30pm. 3/4- WPAM-1450 Pottsville PA temperature, 6:58pm. 3/10- WLGC-1570 Loris SC s/off w/mx 6:30pm. 11/15 - WXVA-1550 Charlestown, WV s/off 5pm. 11/28- WKNX-1210 Saginaw MI rr/SID 5:15pm, WPEO-1020 Peoria, IL gospel/ID s/off 5:45. Equipment run-down: RX- Hallicrafters SX-110, Antenna system - 28' KW strung NE/SW @ 26' AGL, & a 4' home-brew NRC-style loop (un-amplified). My new location is two miles due N of my old N. Syracuse address; therefore my DX totals remain intact. Totals now at 657 heard, states 39 plus D.C., provinces 8, countries, 31. I'm glad to see WCFL cut out the noisy rr & replace it with relaxing EL mx. Time spent on BOB DXing is being time-shared w/FM DX & editing the Northern FM-DX column for the WTFDA; as well as radar work at GE, & keeping my wife, one daughter (7), & two sons (3 & 1) happy, hi! I hope you all had a Merry Christmas & a Happy New Year - and keep spinning those dials faithfully. 73.

MIKE O'SHEA - Route 1 - Lowgap, NC

First off, apologies to ERC for the "long time no muse" but, with my relocating to down here in "tobacco country" I have been quite busy. Still, I am able to do a pretty good amount of DXing in a very good spot for it. All of it has been done with a TRF. Some recent DX: 12/6- WOND TEST poor to fair around 1:30 w/a code & voice ID. 12/11- WSGA-1400 GA good w/ID through mess @ 10:34pm. Earlier, WGOK-900 AL w/s/off @ 5:59, very good signals, no SSB, WGTN-1400 SC @ 10:44pm w/ID, mx, then gone. 12/12- WSIB-1490 SC good w/ID, local ad. I was also able to hear WYNN's TEST, even though I didn't know of the real date, thanks to waking up at this odd hour for some strange reasons. (Maybe someone up there likes DXers, hi). If you DXers in cold & snowy Buffalo are reading this, why not do me, ERC, & the rest of the Club a favor & Muse to show that Buffalo really exists. 73s, Merry Christmas, & Happy New Year to all.

AS THEY SAY IN SYLVANIA, GA - WSYL-1490 "Wanna See You in Lincoln!"

ED GEHRINGER - 820 Graduate House West - West Lafayette, IN - 47906

Forgive me for not Musing since the Convention. On the other hand, this way you get to read only the highlights of my DX - no wading through the trivial stuff. It's obvious CX have been excellent for everybody else, but not for me. I'm on the eighth floor of a pretty massive building, where I can't get anything without putting the RX near the window, & pointing the antenna N/S. That means most of my good DX comes during AU CX, which there has been a shortage of this year. On the other hand, CX have been favorable enough from the W that I've logged for myself many stations I only heard before on the Louisville beverage. Examples: (RXes are two Grundig portables & a TRF, with passive boosters). On 10/18 @ 2:45am, CPCH-1060 Alta. At 3:07 on 11/22, CBX s/off w/anthem. It was barely heard then, but came in much better from 1:30-2 on 12/3, leading me to try for much-sought but never-heard CPUS-1410 BC. Two rockers were fighting it out: one was WING OH, & @ 1:55, a definite ID for "C-fun, Vancouver's #1 most-music station". Not only that, but they were in for over three hours, usually on top. If any of you other Easterners want to know what to listen for, they sound exactly like CHUM. Also on 6:20 @ 2:45 on 11/29, "CK" w/c/w, must be CKCK Sask. Like everyone else, I've had no trouble with KRGO-1550 UT. They're in most mornings. Too bad - makes KKHI much harder here. Other catches: At 7:49pm on 10/15, XENU-1550 NL; @ 2:44-3 on 10/25, CHTN-1190 PEI - quite clear, first-ever PEI here, a very professional-sounding operation for such a small town. At 2:58 on 10/31 during the first-noted of the now-commonplace WHAS SP's, HOLBO, R. Libertad, Panama. At 12:56am 11/15 u/CPQ, TGV-640, La Vos de Guatemala, w/a/off & children's choir singing anthems. At 1:20 on 11/15 on 1580, w/WLS off, someone w/rr u/KLOU, but still unID because of, of all things, CKLM splash! I sympathize with you New Englanders. A brighter note: At this location, 175 miles NNE of Mt. Vernon, IL WPIX has NOT proved to be a pest. They're virtually never heard u/CEM, don't even make it u/XEQ, usually. After XEQ goes off, WPIX is most heard, but a small margin o/XIOA. WYLD & YVNW occasionally override them. The only station I heard last year but not this year on 940 is WJZZ.

GREG HARDISON - 1549 Knox Drive SE - APT. B-6 - Marietta, GA - 30060

As they say in Elkin, NC, WJPM - "Well, I finally Mused!" Greetings, fellow dial-twisters. Long time no Muse, thanks to a heavy work load and various other activities, so here goes a re-intro. I'm 19 years old, single, & working for a major tire manufacturer in Atlanta. Equipment includes the ol' faithful SX-110, and an SM-2 w/home-made booster circuit. Working nights has badly cut into DXing time, however several TAs, mostly hats, have been heard here recent weeks until 1:30 or 2 ELT, notably Algeria-529 u/the North Bay Beacon-590; plus hats nightly (morningly) on 638, 773, 782, 836, 880-908 w/audio. Strongest TAs here are France-944, Germany-1016, Portugal-1034. Also I usually get a strong hat on 1052, w/little or no audio. Another "regular" I'm curious about is usually equal to the mess on 1400, Conakry? By the way on 11/28, this hat was audible till 3:45am! Daytime DX is interesting though. Regulars there include CMQ-640, weak KBXY u/WESC-660, WMAQ-670 (when WRMG splatter allows), WLV-700, WGN-720, WBAP-820, w/SAH in null, weak WOSUT, WHAS-840, WLS-890 very good for 600-plus miles, audio heard all day long. Same story on WJJB-1160. I'm sitting at a good potential DX spot, on top of a ridge, however the neighbors keep the TV on 28 hours a day, hi, plus WFOV-1230 is 3/4 mile away and VERY NSP, which pretty well kills 1210-1250. Anybody hear anything about the CP application in Atlanta for 1150 w/2,500 D-3? I personally don't see how it's possible - 1150 here in daytime is a mess dominated by a reasonably strong WQOW. By the way, I've also dabbled a little in LW lately on an RCA portable with fair luck - only logs: France-164, Europe #1-180, very weak NBO-200, Monte Carlo-218, & Algeria-251. Which brings to mind a question: Anybody on the ECNA remember AAO55-179k, the old 5kw Army test station in Hagerstown, MD? Are they off now, or what? That's it for now, good DXeses (hi) & LXXIII's. AS THEY ASK IN CHICAGO, "WLS?" - "WILL LINCOLN SURVIVE?" Sept. 1/2/3/4!

MARK CONNELLY - 52 Asden Street - Arlington, MA - 02174

With the advent of the home computer hobbyist, it is likely we shall soon see computerized DXing. The integrated computer & RX could have scanning programs stored to read the signal strength on frequencies considered key indicators at a given time such as 719, 764, 818 & 782 AT EC 838. Each hour a new set of key stations would be scanned, based on previously observed & computed "best stations" from a desired area as a function of time. If signals in the "first layer" of channels exceeded a given level, subroutines would be initiated to scan second & third levels of stations. The computer-RX could do a bandscan of 9k multiple channels (TA's), 10k multiples, 5k multiples for LA splits, or all signals detected in a total sweep. Printout of CRT display could show absolute maximum signal strength for each station detected during a given time period, instantaneous time vs. strength plots for several stations simultaneously using a fast-scan mode, etc. Precision frequency measurement would be incorporated in the output, keeping good records of "drifters". The computer would be programmed to recognize a TA opening, AU CK, daytime skip, new stations, etc. & to act accordingly. The unit would activate tape decks when desire-to-undesired signal on specified channels exceeded a pre-determined acceptable level; a 2-track tape would have actual reception on one track & coded data (time, date, exact frequency, strength, auto bandwidth setting, auto-tuned antenna settings, adjacent channel QRM info, A-index, etc.) on the other track. The bandwidth setting would be optimized to peak readability criteria influenced by desired signal modulation percentage & audio frequency characteristics & by the nature of unwanted QRM. A loop or phased aerial system would first peak for the horizontal & vertical plane directions of absolute maximum desired signal RF level. This info would be stored, then the system would retune for optimum readability (this taking into account QRM nulling as well as desired signal peaking); this second setting would also be recorded. Reception from different locations at the same time could be computer-compared. Antenna design & testing would be easier. A VEP pocket pager could be alerted during an opening to summon a DXer to the dials. These techniques can be applied to LW-MW-SWBC-Haz-FM-TV w/the result making serious research easier.

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

DX has been unbelievable in the six weeks since I Mused last. Every evening I've been home it's been possible to get some TA's, & usually quite a few. I missed the two weeks just before Thanksgiving as I had a church business trip to Minneapolis that also allowed me to celebrate with my mother on her 83rd birthday. Car radios make good DX while travelling, but they don't bring in many TA's hi! A fair SS noted on 1525 @ 7:10pm on 11/9 & again @ 11:06pm on 12/8, who? Another noted several evenings between 6-7:30 on either 1418 or 1419, unID. 11/25-4:40pm, first WIQT s/off, then WHWB, leaving WRAR & WQFL. 11/26 @ 4:52pm WHFD o/WCBS. 11/27 @ 4:45pm WVAB-1550 s/off folo by WRHC s/off @ 5:30. 11/28- Piano mx very good on 1546 @ 7:05pm. 12/12- On 1520, WTHE s/off @ 4:45 leaving clear WGR. Excellent TA CX late on 12/7 & early 12/8 showed many channels not usually heard here. Starting at about 11:30pm 12/7, good signals on 1016, 1097, two on 1106 (one in EE), 1124, 1205 FF, 1268 GG, 1277 good mx w/FF talk between selections, 1286, 1349 FF, 1358 GG, & as 12/8 began, 1367 w/f-announcer, then n-talk in unID language. 1376 FF, 1385 w/m/f talkers, 1394, two on 1403, 1448, 1466, 1475, 1493 rarely noted & unID, 1554, 1562 w/f announcer & mx o/WQXR, & 1588 w/piano mx & EE song. Today, 12/13 showed only a few TA's w/818-AA the best, but the most SS stations that have been heard for a long time. Between 8 & 9:30pm, SS stations clearly heard on 31 split frequencies and many even channels. Unusual ones were on 558, 605, 705, 757, 943, 1003, 1005, 1081, 1418, 1471 and lastly 1552, which gave good signals but seem deep fades for reception of what would be my 70th country on BCS. 73! (Curt is coming to my GTG here on Sat. April 2 - are you??? -ERG)

A GREAT MUSINGS SECTION THIS TIME, GUYS! BUT IT'S AN ACCUSATION OF THREE WEEKS' MAIL! BUT KEEP UP THE GOOD WORK - LOOKIN' GOOD! -ERG

MIKE COLLINS - Apt. 731 - 91 Strawberry Hill Avenue - Stamford, CT 06902
Hello all. It's been a long time since I've Mused & part of the reason is that my new job at Associated Press has been consuming a lot of my time, leaving little for DXing. I am now in charge of the metro broadcast (radio/TV) wire for the NY metro area, including the city, Long Island, & Westchester/Rockland/Putnam counties. Even though it takes up a lot of my time it's a fun and rewarding job. I'm now living in Stamford, on Long Island Sound about 30-35 miles ENE of NYC. The NYC stations are subject to a surprising amount of interference at night here. WCAR can easily be heard o/WNEW many nights before WCAR cuts power & is still evident even on their night pattern early in the morning around 6am. WENH is cut to ribbons by CHUM many nights, & CFRB gives WINS a hard time. During the day, all of the L.I. stations come in well (from WING Sag Harbor to WGBE Freeport) except for the two Riverhead stations. WRCH-1570 is too weak to make it & WRIV is knocked out by WSTC-1400 whose tower is about one block away. WGGH Greenwich is surprisingly weak at only five miles away. Before 888 sometimes, while still 1,000w, it is often heavily garbled with interference & on non-AU nights is almost lost in the noise on 1490. The three-tower array for WDJZ Bridgeport is up (between exits 26 & 25 off the Conn. turnpike) & it will be on next month (Jan.) w/a strictly MoR format, with personalities. (Sinatra, Steisand, etc., not beautiful ex, no rr). The station will be directional E & should be very strong in New Haven. Longtime WICG DJ Frank Ferak will be the morning man. WDJZ has had a CP since 1963 but has been held up getting zoning authorization for its towers. Despite rumors about Don Imus going to the WC, I see he's signed a new three-year contract with WNBC. I also note Jerry Williams (ex-WBB-WBBM-WMBX) who recently joined WTIC is returning to Boston, 2-6pm on WMBX. WMBX is now NBC b the way, & WNLG-1510 New London is CBS.

STAN MORSE - Route 3 - Bradford, MA - 01830
12/16- WENJ-1000 peaked at s/eff 4:30, taped, & reported, first time o/WIQT/WFWM who also go off then. CBOA on top of 1350, no sign of local WBBB @ 845. Habat-818 in with another Arab 6:10 & on. 12/20- WLLH-1400 Kings to 1:20, then CKRV Drummondville for another report to 2am. WVOY-1000 on ST 2:30 to 2:40, no veris from previous try several years back a report. WROO-940 Wartburg, TN fair - about equal to Pun- to Pige 3:33-3:50 - sloop from WPHN also. Veris from WYH, nearest not verified is now WJGR (reported). FM, R. Jumbo in well about 6:10pm for four new stations reported in one day - got to go back a few years to catch that! Somebody in WKKI mull u/WROW - I'm hoping for QJOW but it's going to take some work & be there ahead of 888 at Albany. Veris, WZAN & YK.

WARREN E. GREENBERG - 145 Cottage Road - West Roxbury, MA - 02132
Recent veris received as follows: R. Nederland (Bona re relay)-800, WFBC-1330, Greenville, SC, WERE-1300 Cleveland, WTAE-1250 Pittsburgh, WJCR-1440 (ex-WAAB) Worcester, WING-1410, Dayton, OH. I hav n't had much time at the dial in the past couple of weeks, but I should be getting back to the dials over the Christmas vacation. During this time I will be in a new receiving location for eight days, and that is St. Petersburg, FL, where I will be on vacation. Now I have a computer program written in Fortran that keeps track of my verification records. Such as sorting by state, then by frequency, then by call, the outputs all of the above. This keeps all my paper work down. All I have to do is punch a new data card for every card received. That's it for now. I will write another Musing after my trip to Florida in which I will report the new catches (if luck is with me).

CARL DURNAVICH - 3800 West Division Street - Stone Park, IL - 60165
I have found an unID CBC station on 930 - any ideas? Maybe it is that NWT station that is just dying to find itself in my log. I have been DXing the SS & FF like crazy. We have two guys here, one ex-Cuban and one ex-Haitian. I pull the stations in & they translate. It works well for all concerned, as the guys get great happiness in hearing

(Durnavich) their native tongue, and the log beams as well! They enjoy MW much more than SW because of the local flavor which they notice. I guess it is like an American who would listen to the VOA & then compare with a favorite local. If anyone needs translation in French, Greek, Italian, or Spanish - send a tape along - real or cassette - and the boys will be glad to help after mid-January. Please keep it to a possible new country of such, as the avalanche may be too much with our asked. The CE 1580 sent a nice v/1 explaining that I did NOT hear WJTV upon a tentative report. I admire this letter more than my best veris, 'it shows there is more behind a QSL than a card with call letters.

MIKE MITOCH - Box 533 - Lorain, OH - 44052

Well, after almost two years of membership in HRC, I've finally gotten around to Musing. By way of an intro, I'm 28 years old, & employed at National Gypsum Company here in Lorain. My equipment is a Realistic DX-120, & a DX-160 w/a 30' LW. Also in the shack are a Realistic Pro-TB scanner, & a Tennesee Memoryscan, the two of which give me 24 VHF channels to listen to. I started DXing circa 1963 on an old 1929 Philco, and have enjoyed the hobby on and off since then. I DX BCB, SW, LW, but lately I have been listening in to the 80 & 40 meter ham bands. I'm studying my code & theory now, hoping to get my ham ticket sometime in 1977. I would enjoy hearing from you "hams" out there. Also of interest, I guess, I'm also in the IRCA, & edit their Eastern Roundup section. And before I forget, I have in the way of totals: Total stations 26/15, states 13/10, provinces 2/2, & countries, 5/4. I had more than that, but a few years ago, during a move from one side of town to the other, all my QSLs & logs were lost somewhere along the line, so I had to start over from scratch. Before I close this Muse, let me wish Eric Kittenhouse much luck with DXDD, & thank Wes for the fine job he's done. Only DX this past weekend (12/19) was listening to the 80 meter band for the HRC Ham Net - I didn't hear it so either DX weren't right, or nobody was on. Well, Happy New Year to everyone, and keep up the good work, HRC - & I'll try to become more of a regular Muser - that's a promise, hi! (Welcome to Musings, Mike! Thanks for that promise! -ERC)

JOHN D. HATHAWAY - 2109 Tamarack Court - Champaign, IL - 61820

Since August I've been taking an electronics course at local junior college with class 6-9:55pm Mon. & Wed. & having to study when not in class has kept me from getting Musings in. 9/4- WJMN-1240 2:32am. 9/5- WOKJ-1550 1:02am; KRLD-1080 1:20, KYW-1060 1:28, WAVE-970 1:54, WKY-930 2:26, KICA-940 2:31, KWRE-730 3:30pm, WFWW-730 3:32, sent report #2 for new season; WDXR-1560 11:15pm. 9/6- WQXN-1560 12:16am, WAKR-1590 1:57, WAAV-1550 2:34, WKBW-1520 2:59, WLAG-1510 3:05, KSTP-1500 3:07, KLEO-1480 3:27, WMBD-1470 3:30, WHK-1420 4:04, KSL-1160, WCAR-1130 4:38, log #777, sent report #4; KWKH-1130, KMOX-1120 5:06, KFAR-1110 5:07. 9/25- WEMP-1250 4:44, report #5. 9/26- WJR-760 4:31, WBAP-820 4:55, CFRB-1010 8:54pm, WIBC-1070 8:59, EAAY-1090 8:59, WVOO-1170 11:21, WDAI-1200 11:30. 9/28- KRD-550 10pm, WIND-560 10:04, WDAF-610 10:33, CBF-690 11:33, report #6, WOH-710 11:16pm, KRMS-740 11:30, CHL-740 11:30, WABC-770 11:37. 10/1- WAIT-820 12:33pm, report #7. 10/2- KIKM-910 12:34am #778, #8; WDRD-910 1:08 #779, WWSW-970 2:34, WSIX-980 3, KLR-1010 3:09, WBE-1030 3:25, WURA-1090 12:05pm, EAAY-1090 7:15. 10/3- WQCM-1130 10:43am #780, report #9, WISN-1130 11:19, #10, WSVI-1140 11:40. 10/5- WGGH-1150 7:15pm s/eff, KXLR-1150 7:21. 10/7- WQWD-1190 7:28pm, WJAR-1220 7:30, WJBC-1230 10:41, WHEN-1250 11. 10/8- WBYV-1260 6:38pm. 10/9- WRBC-1300 2:55am, WILS-1320 3:16, WBOY-1340 3:19, WSPD-1370 3:39, WLCY-1380 3:42, WING-1410 4, WOC-1420 4:06, KSO-1460 4:29, WCKY-1530 4:35, WURL-1600 4:47. 10/14- WAAX-570 3:30am, #11, WNAK-570 4:17, WETE-620 4:31, WNOX-990 4:55, CFRB-1010 4:55, CJIC-1050 5, #12, WZL-1050 1pm, WLPO-1220 2:59, report #14, WQFA-1360 5:22, WFRS-1440 5:30, WDAK-1490 5:46, WCCR-1580 6:04. 10/15- KMCH-560 1:31am, #781, first HT, KLE-560 1:43, KLVY-560 1:47, WSGH-610 2:16, WKIS-740 2:27, WLCY-1380 2:49, CKLW-800 3:08, KRK-1070 3:39, WURL-1290 12:19pm, WZAN-1320 12:23, WFRD-1370 2:17, WLTH-1370 2:22, WIMS-1420 3:30, KNFL-1520 9:21, KXJQ-1550 9:49. 10/16- KLOU-1580 2:05am KARN-920 3am. 73.

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

Thanks to fellow LAD Mark Kittinger I now have two super BCB receivers. Last year I purchased an R-392 at a hamfest in Cincinnati but it had a terrific power supply hum which made it operable only on the SWBC bands that happened to be open at the time of use. Since Mark has repaired that with two simple ground connections, I have been totally amazed at the selectivity of this jewel. It is a fine companion to the SP-600. Because of its extreme selectivity the hets are harder to detect but it sure produces the signals. I hope to finish the year with 100 new ones but I still have eight to go and time is running out. New here in the last month: 11/19- WHAL-1400 6pm. 11/22- WYNN-540-TEST 3am. 11/26- Guinea-1403 lam, confirmed by //ing it to 4910 SW outlet, TIOS-825 R. Titania, 1:20am. 11/27- TGT-1185, R. Sonora 10:30pm. 11/28- I heard "La Voz de Centro America" ID on 1195 @ 8pm & thanks to Sharon Waterman's listing in IDX I found out this was HRVW in Honduras. 12/13- YSKL-770 R. Cadena heard w/WABC off @ lam, logged previously on 765. 12/20- WVOV-1000 ending TT @ 2:42am, WECO-940 3:30 w/TEST, TILX-725 R. Columbia, 8:50pm, I have been hearing this for a long time but never bothered to ID it. 12/21- WBUK-1560 lam w/TEST & begging for phone calls. I'm not positive, but I think I finally got my 49th state on 12/20 in form of WDCR-1340-TEST. I sent the station a copy of my tape of c/w IDs & one voice announcement that I'm sure was they. I hope everyone has a very nice holiday season, and that the Musings will continue to come in at the present rate. 73.

STEPHEN FRANCIS - 1620 Lodge Street - Alcoa, TN - 37701

TIOS-825 was heard @ 2:06am 11/30 w/EE MoR & female voice IDing as "Titania" over start of each record. 12/7- WIOS-1480 r/c made it through @ 12:47 w/code only - glad they use it as even their TT is usually inaudible here. 12/8- Senegal-764 pushing through WJR/WABC @ 1:07am w/chanting for country #33. MM 12/13- CKOY-1310 up briefly o/WIFE/WISE w/rr & contest promo; no trace of sked TESTs from WIQT/KBEC. It hasn't been exactly a banner year so far w/regard to TESTs here: three new ones compared to 12 at this time last season. But, with "exotics" like KLAD-960 & the ones listed for January on 1550, 860, & 1270, who needs quantity, hi! MM 12/20- No luck on WGSN-740 TEST, a couple of brief TTs were noted around 3:22 & 3:32, but that was it. Really terrible CX this AM, complete w/Summer-like static crashes. (Here too, Stephen -ERC) Semi-local WECO TEST noted poor/fair u/super-pest WMIX @ 3:46. Country #34 was heard @ 4:34: Montserrat-740 atop for about three minutes w/fast-talking FF DJ, "R. Antilles" ID, then FF version of "Barbara Ann". Incidentally, the first seven notes of that 4:15 to 4:30 IS described by Randy Seaver in the 12/6 IDX are almost identical to "O Beautiful for Spacious Skies", if that's any help. 12/21- 11:58pm, CMJY-860 u/CJBC w/NA @ s/off. 12/22- Semi-AU CX brought WCCZ-1550 atop @ 6am s/on w/84w PSA; pretty much atop for the next hour w/c/w & lotsa Daytona Beach spots. WUCR-860 has been signing on illegally @ 7am all this month, get 'em before the FCC does. That evening @ 6:15, w/AU still prevailing, R. Cayman-1205 assumed w/woman reading NX, faded quickly though; up again @ 6:24 w/Olivia Newton-John oldie, so I sped to 1555 & 'twas indeed //. What few splits (19) the TRF & I have managed to pull audio from are almost all medium-to-high power jobs, so I was amazed at this one. Outa space, so 73s & a DX-crammed New Year to all.

KONSTANTINE RYCHALSKY - 22 Carroll Court - Bridgeport, CT - 06607

How nice that this Muse deadline fell on my birthday! Thanks to R. Walker for IRCs. I noticed in NRC #6 E.R. Straus' verie for WPLW-1590. Interesting, because I have verie for WPLW-640 Stratford, CT, on 8/74 w/25w! Latest arrivals are #199 WGH-1490 CT v/1 in five days & first for frequency; #200 WFLI-1070 TN v/q for 11/22 test @ 3am w/50kw day power; #201 WHEB-750 NH v/q & CM 11/29 @ 7am. I thought DX didn't exist at this time, two minutes before SRS. WHEB was in for only five minutes & I sent word-for-word report. As they faded out, WBMD came in. Today my report returned "address unknown". #202, CFOX-1470 Que. v/1, #203

(Rychalsky) WQQW-1590 CT v/1 w/mention they receive their share of reports but never one like mine & commended me for it; #204 WDEE-1500 MI v/1 also first for frequency since WTOP & WFIF never reply. Latest DX: 11/29- HJKA-540 in fairly well @ 1:30am, taped, & I'm waiting to send SS report; WSM test @ 1:30. 12/4- CKSO-790 @ 2:05am w/rr & mention of CIGM-FM/CKSO AM; report sent but still no reply from CHIC one month ago. 12/19- WQQW concluding test @ 12:05am; CX strange this night, i.e. needed CHR-1480 in clear, then unID booming in. With this in mind I tried for WDCR-TEST and found it - first TEST for me. Programming was fantastic, mentioned calls from VA-IN-ONT. I taped IDs but signal wasn't great. I stayed up for WGSN & no problem with reception. Were they on ten minutes late or was I dreaming? I must have been dreaming 'cause I woke up at 5 only to grumble a few words to have missed WECO, Arggg! 12/17. In the clear was HILR-860 @ 3am, taped ID "R. Clarin en el carazon pueblo." ERC, after years & years of Musings, how many words do you type per minute? (I don't know, Konstantine - it takes about 1/2 hour per page -ERC) Remember, a slip o the finger can misspell a muze, hi, we luv ya. (sic -ERC) I taped all WGSN IDs, anyone interested? I almost forgot, during WDCR-TEST I also took a report on WOOK DC w/disco mx (two birds with one stone). 73s.

GEORGE SEMKO - 46 Arcade Avenue - Buffalo, NY - 14226

I hope that everyone had a Merry Christmas and a Happy New Year. It's been a long time since I've Mused, so here goes. TESTs this year have been heard from WCWC, WHIE, WDCR, WGSN, WBUK. I think that WGSN came on a little bit late as I didn't hear them until 3:11am. All the TESTs that I've heard this year have been very interesting, especially when they mention DXers' calls. December DX: 12/10- KLTR-1580 in w/s/off 6:14-6:17pm. 12/11- WSFC-1240 in w/f/c 4:03-4:15am. KOAM-860 w/c/w & many ads 4:32-4:45am. I called them up on the phone & the announcer didn't believe that they were being heard in Buffalo. WGRK-1550 in w/r/c-TT from 5:35-5:45am. 12/23- WZAP-690 in w/Mutual NX & several IDs @ 5-5:06pm. Latest veries are: v/1- KLTR. v/q- WCWC-TEST, WPTF, WHEB & WANN. I'm waiting for WHIE to verify for their TEST. The only other active Buffalo DXer (that I know of), Mike O'Shea, has moved to North Carolina. I promise to keep you posted on what's happening in Buffalo DX-wise, via Musings of course! Totals are now 632/174, 41/36. 73s, all.

JOE BRAUNER - R. D. 1 - Box 86 - Punxsutawney, PA - 15767

A new year coming up, & a new resolution here, to resume Musing occasionally. (Welcome back, indeed, Joe's-ERC) For the first go, a re-intro & a few stats may be in order. I'm 72.5 years young & logged my first BCB call late in 1926 using a homemade nine-tuber, super-hot w/2' x 1' box loop. Presently I'm using an A2515 w/3' x 1' loop, backup is a 1955 SX-99 on a 100' LW. I hope to reach a log total of 5,500 before season's end. Around 4,000 are verified. Naturally Newies come slowly these days, mainly call changes like WRJZ, etc. I had a nice Thanksgiving Day present when WVFC-1530 was heard at s/off for last unheard active station in the Keystone State, bringing the state total to just 260. Christmas eve also was good to me. Noting that Cayman was unusually good on 1555 @ 8pm we gave 1205 a try & there they were with same program but less than half the 1555 strength. Another newie that eve was Conakry-1403, in/out, fair at times with man chanting. No ID heard but must have been they. DX TESTs of 12/20, WDCR-1340 audible all the way via TT & code, voice fair at times, but I could not ID the other TESTs they told about. (Turned out WBUK was unn. I still don't know ID of Iowa tester. WDCR was unn but reported, anyway. WECO in like a semi-local for a new call. Unn WGSN not checked. 12/27 TESTs, no sign of either WNNO or KOKO, both unn. Noisy this AM. Someone on 1530, must have been Cal. as it stayed on past 2am network NX. SSS DX only fair so far - I c n't get beyong TN & AL on 1580. Best of DX to all in '77. 73.

PAT HARTLAGE - 9200 Wendell Way - Jeffersontown, NY - 40299

12/27 - Happy New Year to all. Best southern TA nights this year were for me 11/8-9. Unn Portugal -665 & Spaniards on 584, 683 &

44
(Hartlage) 737 were heard each night just before & after midnight. Over a three week period in Nov. & early Dec. an unID SS on 1537 was heard almost nightly, shouting, "Columbia, Columbia" commercials, & one for a photo shop "del Pacifico" were recorded but no firm ID. One ID did come out like "R. San ----," nothing like the R. Comercial reported here. Guinea-1403 heard // -4910k 11/29 @ 10:30pm. A few days later they were again heard with perfect audio & unbelievable signal. 12/21 TEST of WBUK-1560 was heard well @ 12:30am. Long needed WCIN-1480 finally added 12/24, late afternoon. Earlier 12/24, @ 2:30pm, WMAX-1480 surfaced overriding the frequency w/NIS & local ads. WWOL-1120 heard same date @ 4:15pm equal to KMOX. Test of WXY-1560 heard Christmas @ 2:10am logged for new call. Also, WRJZ-620, WQIO-1060, & WJYM-730 have been added with new calls. No TEST heard 12/27 AM, but I was up for only about 30 minutes around 3am. My employer wants me awake days so I didn't stay up longer. As they say in Baltimore, WBAL - "We'll Be At LINCOLN." 73.

PAUL SWEARINGEN - Box 500 - Moran, KS - 66755

Herewith is my annual Muse after my annual DX session during Christmas vacation. I have moved five miles E of my former location, so will continue totals from previous count. Currently I have 529 heard, 16 countries, about 180 taped, although when I get caught up dubbing last Summer's and this vacation's IDs, I may have more than I think. Teaching, 4-H, & Jaycee activities don't leave much time for sleep, let alone DX. DX sessions 12/24-27 produced goodies listed in IDXD (if I made the deadline). Best catch was R. Jumbo-545 7:14-7:35, 12/25. Next evening R. Grenada-535 tried to come through @ 11:45 but level was too low for positive ID. They had operatic-sounding mx, SS (I think) announcer. I tried to coax audio out of hets on 595, 675, 725, 944, 1005, 1015, 1025, 1045, 1075, 1155, 1165, 1175, 1185, 1265, 1405, 1555 (some may be TV harmonics) 12/25 but no luck; my Fisher 125 won't separate signal from adjacent channels when I use the passive booster designed by Mike Maloney. Next night: same story with 625 (although I have taped R. Omega before), 765, 825, 854., R. Nacional, El Salvador-655 & R. Belize-834 audible, however. R. Belize is always audible, even during Summer; it produces a wicked het even on the car radio. Daytime DX produces WJR-760, WSM-650, WMAQ-670 & the like. I keep listening for WHAM-1180 at noon but so far no luck. 73s.

RAY ARRUDA - 48 Woodlawn Street - New Bedford, MA - 02744

I was on the phone with the SM of KRNK-1530 & inquired about my reception report, & he said the CE has about 25 reports on hand including mine. They are on his desk (including two from Finland) & he (the manager) says he is sure the CE will get to answer them. Those waiting for KRNK veries should be patient as the reports will eventually be answered, I'm assuming. Sorry to see HWB leave DXDD. He edited the column with great spirit. Good luck to Eric on his new editorship. Here are some TEST results: MM 12/20 TESTs from WGSM-740, WECO-940 & WDCR-1340 all heard & reported, the latter with some difficulty in local WNBH-1340 null. Tuesday AM 12/21 brought WBUK-1560 TEST thanks to JS, after WQXR s/off, & reported also. MM 12/27- TESTs from both WNNO-990 & KNWS-1090 were tried but not heard. KOKO-1450 TEST was in very poorly with much QFM with several code IDs the only audio heard from 3-3:30am. Taped report sent. Code IDs have helped me ID three DX Specials this season. Many thanks to those who called and/or sent cards & letters over the holidays. 73.

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

December DX: 12/5- WAIN-1270 r/c @ 4:46am. MM 12/6- WOND-1400 TEST heard for tape, WYSL-1400 also in w/ID & rr @ 1:10. KSSS-740 w/ID on ET @ 3:50am, & KBGN-910-TEST heard ONE HOUR LATE from 4 to 4:19am w/KPOF/WSBA. MM 12/13- WJQT-1000 fair on TEST after WGFL signed off. 12/16- WRDI-1580 on r/c 12:03-12:08am. MM 12/20, a surprised w/WDCR-1340 TEST heard 1:47-1:55am w/CW IDs & TT, in fairly well w/WJOL etc. WGBS-710 w/ET @ 2:31 while looking for KIRO; WGSM-740 poor for most of the TEST w/

45
(Forth) ID @ 2:17am, WECO-940 loud on TEST w/c/w instrumentals @ 2:33am. (CST? -ERC) 12/23 brought two new ones at SSS, WCOX-1540 w/spot @ 5:41pm & KJET-1380 weak w/s/off @ 6:15. Re Jerry Starr's comments about poor verie returns this season, my returns are only averaging 30-35% this year as compared to 60-70% last year. Veries in this month, v/l- KMLB-1440 WTRQ-1560 WHLN-1410 KBGN-910 WYNN-540 R. Cayman-1555. v/f- CHTN-1190 WHYZ-1070. v/r- KPOF-910 WAIN-1270. v/c- KNIR-1360 & v/q Lille-1376, bringing total to 956. I had hoped to reach 1,000 veries by the end of the season but the way things are going that will take a LOT of reports. (Betcha make it! -ERC) Best wishes to all in 1977.

PAUL MOUNT - 471 Emerson Avenue - Teaneck, NJ - 07666

A Happy New Year to you, even if this Musing is in September. After my last night at Gino's, we all went to my cousin's Summer home in the Dering Harbor section of Shelter Island (North). Shelter Island is between the N & S peninsulas of E L.I. Here comes another bandscan: 550 WGNG R.I. local-like. WHYNN-560 MA strong. WTAG-580 strong, someone weak u/them, Harrisburg all the way here? WERI & probable WROW w/EZ mx on 590. Two on 610, CT & PA I guess. WACE-730 Chicopee, MA, this seems to get out well in many directions. 790, WEAN dominant, but someone close under. Two on 860, guess WSBS/WTEL. Stations not listed are NYC stuff, or CT/MA /RI regulars, someone on 920 talking u/loud WJAR. Two on 930, WPAT well atop. WHFN Hyde Park & WRXT even on 950. Like I said in Wildwood Vrest NJ & Newfoundland PA, I just can't get rid of them, as WWDJ gave its electromagnetic sermon to my receiving ears, a station under, though. Two on 990, one Providence, other either Philly or Southington. A big surprise in WKMB-1070 Stirling, NJ. Now to hear him at home. WWLE-1170 Cornwall NY in fair. Two on 1220, WERI dominant on 1230. 1240 was an interesting one. Being on Long Island I thought I'd get them, yet the first station heard was WWCO, & second was WOCB, MA. This station is third furthest away, but almost all waterpath. Not much else to report; just that WLNG has a pretty poor signal to Dering Harbor, only about 12 miles away. I missed Louisville, but college orientation was good enough to be worthwhile. I met people from all over and tried talking about radio in their hometown. And as time went on the radio people came along. I was talking to Andy Tankenbaum of Syosset, discussing WKWZ & two Club members when his roommate, Jim de Filippis came along. Jim says he's worked at both WRAN & WQTK, & seems to know enough about them like their format, & directional pattern. It was also interesting to see the reactions on the faces when I name a home town radio station, especially from Wenatchee, WA, KMEL (then). As for DX, I had my TRF in the room, & it got spurs all over the dial - but I live in Teaneck, so no hassle there. 73.

M O T H B A L L M E M O R I E S CHAPTER XXXVII - JIM CRITCHETT SPEAKING.

The first station for which I listened was WPAF "Where People Are Freindly" in Council Bluffs, Iowa in 1923. Too much static, so not heard from Nevinville, Iowa. I listened to my former roommate's crystal set tuned to WHO, Des Moines in 1927, from Indianola, Iowa. I ran down the batteries on a radio set on a farm near Overton, Neb. in 1931, while the owners were gone. My first payday on a teaching position in 1934 we went to Sioux City and bought a table model receiver at Ward's. My first verie was from KWYO-1370 in Sheridan, Wyo, received 4/29/36 at Lincoln, Neb. Second was from WIBM-1370, heard, but not reported. It was a DX Special. I notified the DX arranger I had heard the station, & he sent a list of all who reported to him their reception of WIBM, and they verified from that; received 5/14/36. Number 3 was from KHBC-1200, a graveyarder, heard in University Place, received 10/25/36. (Linus, Hawaii -ERC) My latest, #1,624, was from KRDR-1230, Gresham, Ore. heard 11/28/74, verie in on 1/24/75!

NEXT WEEK: RON SCHILLER re-VISITS THE FIFTIES!
WE HOPE OUR FINE MEMBERS WILL CONTINUE THIS GREAT WORK THROUGHOUT 1977!
HELD OVER; FOUR "SECOND REPORTS" AND ONE SINGLE-SPACED MUSING. -ERC

ERNEST R. COOPER - The Cape Tip DXer - 5 Anthony St. -Provincetown MA
 Veries: R. Cayman-1205, WVNH-1110, KPCR-1530, / 02657
 WECO-940-TEST WYNN-540-TEST & CFCB-570, all v/1, and the total climbs to 4,018, but there's a lot out yet. I'd like to acknowledge phone calls from NRCers Ray Arruda, Stan Morss, Alan Imprescia, Angel Garcia, Clay Adamson, Frank Dailey, Ron Schatz & Jerry Conrad in the recent past! DX: 12/9- Unn CHNC-610 atop @ 4pm. MM 12/13- Unn WIQT-TEST, good show! An oddity, I heard "Wabash Cannon Ball" in FF on CKVL-850 today! And, WIQT-1000 in again @ SSS, 4:08pm. 12/15- Unn WLFA-1590 ET/TT/OC & cl mx w/ID @ 1:59; & off, atop. A "R. Miramar" coming u/Cuban Minute Man @ 2:19, unID, 1270. 12/17- Tremendous signal on 600 from CBNA, St. Anthony, Nfld. way o/everybody @ 4:55-5:25pm, relaying CBY & using only CBY ID, & reported. 12/18- Who uses sessions chimes on 1400 every 15 minutes on their AN show? Noted @ 2:15. SSS, WRCN-1570 ex-WHRF/WAPC logged 4:15-4:30pm s/off-cold. SM 12/19- Vatican-1529 wrecking WCKY this AM & reported, 1:16-1:38am, new country, of cause! UnID SS-1115 to 3am, weakish. Oops, one more phone call, Gary Whitaker. MM 12/20- A good day, w/three domestic newies. #1 was KPCR-1530, ET-rr 2:02-2:16, on a very noisy morn. "Mi Amigo"-noted in Dutch w/rr but on 1562, not 1187! WECO-940-TEST easily o/YVNN w/good TEST & reported. UnID TTer on 1550 3:18 & on. Unn former semi-local WGSW was late & also weak. Another new Newfoundlander in CFNW-790 atop @ 3:50-5:04 relaying CFCB-570 & using only their ID, MoR. 12/21- WBUR-1560-PoP-TEST weak but logged w/TTS u/WQCR's OC to 2, then some folk-protest-type mx to 2:21. 12/22- Log on WTGR-520 5-5:15pm s/off, is rr like WKBW. 12/23- Another test from WNTN-1550 @ 2:02. 12/24- Amazing TA reception while still daylight & reports to DDR-1043 East Germany & R. San Sebastian-1025. 12/25 - WWVA made a liar out of me by NOT going off today, but I still got a report on La Voz de la Heroica-1170, Cartagena 2:29-2:40. CJVL-1360 FFC atop WDRC 3:04-3:33. And La Voz de Centro America-1195 in San Pedro Sula was ANING & logged & reported 3:21-3:58. Out of room, saw sea yew inn 7.

(continued from Page 1

RENEWALS

J. S. Bowker, G. Koske, G. Herr, J. Hupke, S. Rubin, H. Gustafson, J. Falconer, H. Helms, D. Truax, M. Wright, H. Durant, W. Murphy, C. Freeman, J. Worcester, R. White, A. Imprescia, G. Holland, J. Tweedie, C. Connelly, M. Bredvold, M. Scheel, J. Pejza, R. Nelson, J. Pasek, F. Wheeler, F. Merrill, P. Needleman, J. Ridge, G. Siegel, F. Pollard.

NOTES &c FROM NJPC

We are pleased to announce that the second printing, revised, of the NRC Antenna Manual is now at press. We expect to have it ready for distribution later this month. All articles are the same, just updated parts availability, and made some minor corrections.

Along that line, members looking for parts for the construction of the NRC 2- or 4-foot loops, or the FET amplifier, please note that all of the parts not readily available at your local supplier may be purchased from G. R. WHITEHOUSE & CO., NEWBERRY DR., AMHERST, NEW HAMPSHIRE, 03031. Thanks to those members who pointed us in their direction.

SEVERAL TESTS WITH SHORT ADVANCE NOTICE WERE AIRED OVER THE HOLIDAYS. MOST WERE OF SUCH SHORT NOTICE THAT WHEN WEEKLY ISSUES WOULDN'T HAVE HELPED. DAN MYERS WAS IN THE PROCESS OF MOV. G BACK TO OHIO, SO MANY PHONE CALLS WERE MADE BY SEVERAL NRC'ERS, NOTABLY CPC CHAIRMAN JERRY STARR TO PASS THE WORD. WE LIST THEM HERE FOR REFERENCE:

12/21 (TU) 0000-0200 WBUR-1560, Portage, MI
 12/27 (MM) 0200-0300 KNWS-1090, Waterloo, IA
 1/5 (WM) 0230-0255 KBBS-1450, Buffalo, WY

FLASH TIPS & SUCHLIKE

Likewise the TESTS listed on page 2 for this AM (sic) 1/10, were phoned out.....

**RADIO
 CAYMAN**

1555 kHz (10,000w), 1205 kHz (1,000w) & 105.3MHz-FM (250w)

P.O. Box 1110
 Grand Cayman, B.W.I.

Telephone: 9-4030
 Cables: BROADCAST GRANDCAYMAN



22nd November, 1976.

Mr. Elliot R. Straus
 1410 Bond Street
 Asbury Park, N. J. 07712
 U. S. A.

Dear Mr. Straus,

Thank you for your letter reporting reception from Radio Cayman's new 10,000 watt transmitter on 1555 kHz on the evening of the 17th November, between the hours of 7:00 and 8:31.

From what you report, it is evident that you were able to pick up our signal, and we congratulate you on this excellent reception.

Radio Cayman does not as yet issue QSL cards, but you may take this letter as verification of your reception, with our good wishes.

We do hope that you will continue to listen and enjoy Radio Cayman's programmes and that we may have the pleasure of hearing from you again on another occasion.

Yours sincerely,

R. G. Dunlop
 Director of Broadcasting



"The Voice of the Cayman Islands"
 OWNED & OPERATED BY THE GOVERNMENT OF THE CAYMAN ISLANDS