



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

Vol. 44, No. 24

Monday, May 9, 1977

STATIC FROM HQ

Alleluia! We've found Father Jack Pejza, or at least the post office has because they sent him his last DX News after returning the first one. Speaking of which, please remember to check your address on this copy of DX News to make certain it is correct. Since we're using new address plates and a new printer, there may be some errors, so check carefully and let us know of any changes. We also wish to thank those who have sent us their address changes in advance and we recommend everyone use this method when they have an upcoming change as it keeps your issues of DX News coming to you without interruption.

Also, remember the next issue of DX News will be dated May 23, then we go monthly to June 20 and July 18. Though this is static and summertime, please don't forget NRC, so remember to Muse and report during the next few months. Also, as you travel and listen, be sure you pass along any changes and/or interesting tidbits you have to your fellow NRCers.

THEY JOINED

- Bill Fait, Box 753, Willoughby, Ohio 44094.
- *Thomas A. Norton, P.O. Box 32, Vineyard Haven, Mass. 02568.
- *Edward R. Cotton, 4106 2nd Street, Chesapeake, Va. 23324.
- *George C. Stirling, P.O. Box 126, Curling, Corner Brook, Nfld. A2H 6J9 Canada.
- *Donald G. Lancaster, R.F. 2, Crest Avenue, Belle Vernon, Pa. 15012.
- *Gary Lovegren, 1445 W. Shryer Avenue, Roseville, Minn. 55113.
- *Donald N. Roller, 7428 B. Rockleigh Drive, Indianapolis, Ind. 46201.
- *Erlaog Milsson, Orngatan 10A, S-91100 Vannas, Sweden.

GET TOGETHERS

Whether you took Mr. Greeley's advice to "Go West young man" or not, we've got a get together for you in May. For those in the east and midwest, head for gateway town--St. Louis Memorial Day Weekend--May 28-29, where headquarters will be the Ramada Inn, 216 Meramec in Clayton, nine miles due west of the Gateway Arch. There will be time for sightseeing, DXing activities and just plain socializing, so be sure you make plans to attend. Reservations are through Walt Breville at 9127 Coral Tr., St. Louis, Mo. 63123.

Westward, there will be a DX gathering Saturday, May 14 at the home of Bruce & Evelyn Portzer, 6546 19th Avenue NE, Seattle, Wash. at noon. For details contact Bruce at (206) 522-2521 or write him.

LOOK INSIDE...

Be sure to look inside this issue of DX News for DXing from Venezuela by Cesar Objio, DXchange from RJT, and photos from two area get-togethers in Atlanta and Provincetown.

NOTE---The CPC Test schedule is absent from this issue because there are no tests scheduled. Since the season is ended, we wish to take this opportunity to thank those who arranged the tests this year--the entire club benefitted thanks to the work of those few members who wrote letters and made those arrangements--thank you all!

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

Get Thinkin Lin@In

So it's barely past Easter and still three weeks or so to Memorial Day, but what have YOU got planned for Labor Day Weekend?

If you said Lincoln and the NRC Convention, you're on the right track, because the folks out there in Nebraska really know how to throw a heck of a party, and rumor has it that they're already well into the planning stages of what should be the biggest and best convention ever. So, as they say in places where they say things, make plans now and be there!

WHEN: Labor Day Weekend--Sept. 2-3-4, 1977.

WHERE: The Villager Motel-Convention Center; 5200 "O" Street (US Highway 34), Lincoln, Nebraska.

"O" Street is Lincoln's main east-west thoroughfare.

WHAT: The best NRC convention ever. The convention will feature tours, speakers, (both technical and non-technical types), social sessions, prizes, an auction and many surprises.

There's also going to be a buffet-banquet at the hotel on Saturday evening, September 3.

HOW: Not the Indian type how, but the how you should take part. The answer is simple--be there! Remember to bring your auction items, too, or at least send them with a friend or mail them pre-paid to the official convention address:

Neil G. Zank
2445 "E" Street, Apt. 6
Lincoln, Nebraska 68510.

That's also the place to write for a registration and to get answers to any questions you happen to have about the convention. Information concerning registration fee (including costs of meeting rooms, hospitality room, refreshments and banquet) in addition to the room rates at the hotel will be printed here shortly.

WHO: Who are the folks responsible for all this planning and hard work this year you ask? Your hard-core convention committee hosts are: Bob McCoy, Neil Zank, Skip Dabelstein, Rob Keeney, Rolland Lindblade and Ernie Wesolowski.

HOW TO GET THERE:

By Car: From east or west--Interstate 80, US 6 and US 34.
From north or south--US 77.

By Air: Lincoln is served by United, Frontier and Air Wisconsin.

By Bus/Train: Greyhound and Continental Trailways Bus companies serve Lincoln. AMTRAK also has trains in and out, however trains arrive from Chicago and Denver in the wee hours of the morning local time.

ABOUT THE AREA: Anybody who says there's nothing to see or do here, obviously hasn't visited. Lincoln is Nebraska's capital city with population of nearly 175,000. Located in southeast Nebraska about 60 miles from Omaha, there is always plenty going on for fun in the area.

Points of interest include the unique capitol building, the University of Nebraska (home of the Big Red), acres of parks and a children's zoo (so bring the family if you have one!) There's also the Nebraska State Fair (which will be on during the convention weekend), auto racing, lots of fine shopping and plenty of theatres here.

If all that's not enough, you can visit the Nebraska State Historical Society Museum and the University of Nebraska State Museum to learn about this area, and to see the relics from this Midwestern area.

REMEMBER---IT'S NOT TOO EARLY TO START THINKIN' LINCOLN!!!

Phone is 404-633-1198 before 11:00 P.M. EST. All times are GMT. Bear with the mistakes; Dominican Republic last time should read 699. Sorry Jeff.

- 526 COSTA RICA Cartago TICAL (R. Rumbo) noted with SS talk against het 0507 4/7. (Connelly)
- 545 DOMINICA Nothing new, but R. Jumbo vy good w/FF talk at 0005 4/8 and also 4/9. (Objio) R. Jumbo loud w/"I Shot the Sheriff" by Bob Marley and the Wailers 0150 4/10. Poor in noise w/disco mx 0151 4/20. (Connelly)
- 555 NICARAGUA YNS R. Tic Tac must be the one here w/SS TC 0250 4/20. No trace of the low het around when ZIZ is audible. (Hutton)
- 570 CUBA Santa Clara CMHI o/u WMCA, SS pgm //580, 590, and 600 (which were all audible) 0625 4/17. It seemed ridiculous to hear the same pgm on 4 adjacent channels. (Connelly) Amen, and how about 25 mi. long Cayman with 2 // stn's? (CH)
- 580 PUERTO RICO WKAQ in a real jumble 0319 4/20 w/a "Mas Musica" and "Ah-Koo" heard. (Hutton)
- CUBA Baracoa CMKF //570, 590, and 600, good sig atop low growl, seemed too loud for listed 1 kw, 0625 4/17. (Connelly)
- 590 CUBA San Antonio de Las Vegas CMW o/u WEEI w/female SS pop vocal 0250 4/17. (Connelly)
- 595 DOMINICA Roseau with U.N. pgm in EE 0015 4/8. (Objio)
- 600 COLOMBIA R. Libertad Barranquilla under heavy QRM from Cuba and Puerto Rico at 0133 4/9 w/ID. (Objio)
- CUBA San German CMKV good w/SS vocal //590, alone on channel 0520 4/17. (Connelly)
- SURINAM Paramaribo (tentative) Hindustani talk dominating the channel just after local sunset (before Cuba and Colombia started to skip in), taped for later analysis, 0000-0003 4/17. SRS 725 was very loud at the time. (Connelly)
- 610.3 UNID LA putting fair het on 610 recently. (Hutton)
- 620 NICARAGUA YNM ID'ed as R. Nacional de Nicaragua after nx 0430 4/20. Heavy on wild electronic effects. Totally on top most of the time during moderate aurora. (Hutton)
- COLOMBIA R. Ciudad de Cali w/orch mx, woman announcer, ID at 0432 4/8. (Objio)
- 640 CUBA/VENEZUELA CMQ/YVQO in even dogfight 0624 4/17. (Connelly)
- VENEZUELA Puerto La Cruz YVQO dominant w/"Love is Blue" by Paul Mauriat, SS talk, Ondas Portenas ID, then female SS vocal 0147 4/20. Cx were very heavily auroral. (Connelly)
- 650 COLOMBIA Emisora Monserrate, Bogota, rarely heard here, now very easy w/R. Universal and R. Vision off at 0053 4/8. (Objio) This was during the Holy Week when many LA's reduce programming hours. (CH) Hrd 4/11 at 0626 w/MoR-jazz, frequent ID's by m/f. (George)
- VENEZUELA Maracay YVLH booming in w/clear "R. Vision de Maracay" ID 0145 4/20. (Connelly)
- 655 EL SALVADOR San Salvador YSS poor in YVLH slop w/operatic SS female vocal 0153 4/10. (Connelly)
- 660 COLOMBIA Cali, R. Uno, pop mx and ID 0058 4/8. (Objio)
- 690 COLOMBIA La Voz de Colombia, Bogota good w/Guarachita and Barquisimeto off. ID at 0136 4/9. (Objio)
- 699 DOMINICAN REPUBLIC Valverde HIDC teaming up w/TA on 701 to het WLW into oblivion, 0005 4/17. (Connelly)
- 700 COLOMBIA Cali R. Sutatenza vy good w/rlg services during Thursday, Friday, and Saturday. Also heard on 810, 960, and 1010. Some QRM fm WLW with a baseball game between Cincinnati and San Diego 0140 4/9. (Objio)
- VENEZUELA Maracaibo YVMH dominant w/brassy dance mx, ID as R. Popular, Maracaibo 0145 4/10. (Connelly)
- 710 ST. VINCENT R. St. Vincent w/sramatic pgm 0110 On 4/8. (Objio) Fair w/soft mx 2342 4/16. (Connelly)
- 719 PORTUGAL Norte fair to good w/man in PP; Tunisia under w/AA female vocal 0007 4/17. (Connelly)
- 720 VENEZUELA Possibly YVOE. Slogan used was "Emisora Pop Musical de Venezuela". Top 40 hits were played-briefly o/HJAN/CMGN 0135 4/22.
- CUBA Colon CMGN way o/WGN; SS talk by woman 0620 4/17. (Connelly) both

725 SURINAM Paramaribo pegging S-meter w/LA style mx then talk by man at 0128; disco mx at 0139 4/10-signal ridiculously loud, better than most domestic skywave stns during extremely auroral cx. (Connelly) Loud w/Stevie Wonder song 2344 4/16. Good w/"Take Five" by Dave Brubeck 0143 4/20. (Connelly)

730 TRINIDAD R. Trinidad strong and well atop channel 0002-0130+ w/local nx at 0002 w/ment of upcoming govt elections. Still strong when checked at 0130 w/British accented man speaking. (Eckman)

735 ECUADOR R. Melodia Quito with a religious service on the capital streets, being relayed by R. Nacional Espejo and R. Libertad at 0147 4/9. (Objio)

740 CUBA/UNID Camaguey CMJL strong w/non-stop SS talk apparently about socialism, alternating w/stn playing SS mx, Venezuela suspected; CBL/CBNM totally blanked by aurora 0138 4/10. (Connelly) VENEZUELA Maracaibo YVNC loud, alone on channel w/numerous R. Maracaibo ID's and fanfare 0617 4/17. (Connelly)

750 PUERTO RICO WIAC San Juan pop mx and ID at 0309 4/8. (Objio) VENEZUELA/UNID Caracas YVKS on pop mx format w/KC and Sunshine Band record, then R. Caracas SS ID, then more disco rock, atop other SS which was non-stop talk, possibly a baseball game-this likely HJDK 0210 4/20. (Connelly)

760 COLOMBIA Barrabquilla HJAJ bombing in w/fast, repetitive dance mx 0130 4/10. (Connelly) GUYANA R. Demerara appeared to be the one here w/British accented male announcer speaking very slowly 0012 4/10. Gave several times (gave what? CH) and mentioned GMT for some reason. Badly jumbled w/several SS stns at the time. No sign of WJR until much later but interestingly enough it was audible at 1856 4/9 as were several Chicago stns. (Eckman)

775 COSTA RICA San Jose R. Uno TIW good w/Grand Funk Railroad 0508 4/7.

780 BRITISH VIRGIN ISLANDS Roadtown ZBV1 loud and dominant w/Caribbean style disco mx 2348 4/16. (Connelly, last two) CUBA Camaguey CMJN on frequency w/man in SS, reggae mx fm ZBV1 well behind 0155 4/10. (Connelly)

800 NETHERLANDS ANTILLES Bonaire alone here w/powerful signal, EE pgm 2355 4/20. (Connelly) In like a local w/cl mx by Dutch Concertgebouw Orchestra, then announcement in EE, FF, DD, and SS 0015 4/10. (Con)

810 COLOMBIA/UNID Bogota o/WGY and an unid which had slow LA mx; HJCY was running a game w/an announcer who screamed and wailed when a goal was scored, pgm seemingly //700, 0230 4/22. (Connelly)

818 MOROCCO Rabat loud w/AA mx on car radio near mouth of Cape Cod Canal but sig dropped drastically as I drove away from the immediate shoreline; just a weak het noted 2 miles away 2343 4/17. (Connelly) Rabat noted w/AA chants, the best TA during predominantly LA cx 0509 4/7. (Connelly)

820 COLOMBIA Cali HJED loud, way over WBAP w/ID La Voz en el Camino (Caracol slogan), 0605 4/17. (Connelly)

830 DOMINICAN REPUBLIC Santo Domingo HJJB good w/ID by call sign, then fast paced LA mx, o/second LA 0202 4/21. (Connelly)

834 BELIZE, Belize City vy good w/ID slogan identical to that in WRTH 0200 4/21. (Connelly)

860 PANAMA Chitre, R. Reforma like a local w/R. Clarin off, ads for bread, Toyota, and "arcilla 23" (clay), etc. 0125 4/8. (Objio)

870 CUBA Guantanamo CMDN alone on channel, good w/SS pgm //880 0523 4/17.

880 CUBA Pinar Del Rio CMAF ruining WCBS w/SS pgm //870 0523 4/17. (Connelly, last two) USA WCBS, New York very good, ID after the wx (43 at Central Park), not so cold as when I visited that city on March 25 with 27 degrees. Brrrrr. (Objio)

885 MONTSERRAT Plymouth ZJB fair to good peaks thru WCBS slop w/soul record 0238 4/22. (Connelly)

890 COLOMBIA Bogota HJCE atop low growl/jumble w/SS ID La Voz de Bogota 0456 4/21. (Connelly) Poor-fair o/other LA w/three note doorbell chimes, SS talk, 0133 4/10. (Connelly)

895 MONSERRAT Plymouth R. ZJB w/pop mx at 0135 on 4/8. (Objio) Cesar, did you mean 885 or have they moved? (CH)

900 BARBADOS dominating the freq all eve 4/8 fm 0000-0330. (Objio) Quite good 0006 4/10 w/international nx by British accented anncr. Atop channel w/two SS stns underneath. (Eckman) CUBA/MEXICO Ciego de Avila CMJV riding o/XEW w/NA and Cuban chime IS; XEW had ID by call sign, woman in SS 0459-0502 4/21. Usual Canadians eliminated by aurora. (Connelly)

910 VENEZUELA R. Aeropuerto, Maquetia not heard at 0137 on 4/8, it seemed to be off for the Holy Week. Just Cuba with a baseball game (R. Cadena Agramonte per RFS Cuban List) (Objio)

950 VENEZUELA Caracas YVKG extremely loud, alone on channel w/fast, exciting LA mx 2352 4/20. (Connelly)

980 VENEZUELA Barquisimeto YVTA good, dominant w/SS talk, R. Tricolor ID 0545 4/17. (Connelly)

1000 VENEZUELA YVNM R. Mil Moron, pop mx and ID 0200 4/9. (Objio) Rolling over the HJ w/R. Mil ID 0547 4/17; many Caracas mentions followed. (Connelly)

1010 COLOMBIA R. Mil Veinte, Bogota still here despite the name of the stn (R. 1020). Heard w/pop mx and ID at 0323 4/8. (Objio)

1020 VENEZUELA La Asuncion YVRS good w/KDKA nulled; lively SS vocal mx 0552 4/17. (Connelly)

1025 SPAIN EAJ8 noted in FF 4/13 at 0515 tune-in w/mx and OM anncr, clear R. San Sebastian ID by YL, programming continued in SS 0525+. (Ver-non)

1034 PORTUGAL Porto Alto vy good w/man and woman in PP, weaker 4VEH noted as background het 2320 4/16. (Connelly)

1070 COLOMBIA Emisora Atlantico, Barranquilla w/pop mx and ID 0205 4/9. (Objio)

1100 ANTIGUA St. John's ZDK vy loud, alone on the channel w/fast steel band mx 2350 4/20. (Connelly)

1110 VENEZUELA Carupano YVQT L&C w/WBT nulled; rustic style SS male vocal was followed by R. Carupano ID 0150-0155 4/12. Cx tonight were short skip dominated; the few long skip stns noted were from SA. (Connelly) Strong and totally dominant w/many SS mentions of Carupano 2349 4/20. (Connelly)

1120 VENEZUELA Maracaibo YVMF good w/brassy LA mx 0135 4/20. (Connelly)

1150 VENEZUELA Ondas del Caribe, Punto Fijo w/pop mx at 0337 4/8. (Objio)

1160 COLOMBIA R. Aeropuerto (Soledad) Barranquilla w/pop mx and ID at 0345 4/8. (Objio)

1175 COSTA RICA Puerto Limon TIQ fair w/EE talk, then old time LA influenced mx 0511 4/17. (Connelly)

1200 UNID SAH behind Venezuela around local SS 2340 4/21. It may be PRE9, Fortaleza, Brazil. (Connelly) VENEZUELA/COLOMBIA R. Tiempo, Caracas off at 0145 4/8. At 0403 R. Super de Cali hrd w/some QRM from WOA1. (Objio) Next year I'm going to be very sure to listen to the Holy Week. Didn't realize that so many stns were off. (CH) VENEZUELA Caracas YVOZ good w/R. Tiempo ID atop low het 0512 4/17.

1209 CUBA the off channel Cuban here kicking WCAU around w/fierce het 0430 4/15. (Connelly, last two)

1230 COLOMBIA R. Calidad, Cali heard w/pop mx at 0314 4/8. (Objio) UNID SS world nx report dominant, mentions of capitals 0030 4/10.

1265 ST. KITTS R. Paradise jamming WEZE w/fierce het 0035 4/10. (Connelly, last two)

1280 BRASIL R. Tupi, Rio de Janeiro heard at 0252 4/8. Songs, pop mx, and ads. (Objio)

1295 ENGLAND Crowborough BBC vy strong w/pips preceeding regular pgm 0434 4/17. (Connelly)

1340 UNID heavy het noted, too much slop for audio 2325 4/16. Bits of mx surfacing over screeching het 0432 4/17. France is my first guess, Mauritania also possible. (Connelly)

1365 HONDURAS R. Danli, Ciudad Danli w/pop mx, ID jingle with "R. Danli" by YL's, and the time at 0230 4/8. (Objio)

1403 GUINEA Conakry among the best high end TA's at very good level w/ chants and talk 0500 4/15. Woman talking atop prominent SAH 0431 4/17. (Connelly)

1419 CUBA Baracoa CMDX potent w/Cuban style folk mx 0521 4/21. (Connelly)

1420 UNID LA SS phone-in talk show o/domestics and 1419 het 0520 4/21.

1468 MONACO Monte Carlo peaking well w/religious mx, but fading was fast and deep 2334 4/16. (Connelly, last two) Fair w/man in GG 0509 4/10. IS played once and carrier off at 0515. Interesting in that it was the only European TA definitely heard this AM in generally auroral cx. QRM from the SS on 1463 (approximate), perhaps a Costa Rican? Getting pretty late in the season for Monte Carlo to be heard so late. (Eckman)

1475 AUSTRIA/UNID's Vienna fair atop channel w/IS at 0356 4/9 w/several stns underneath producing a low growl. Unusual to hear this in generally poor TA cx. (Eckman)

1554 FRANCE Nice presumably the one w/strong sig 0324-0400+ 4/9 w/foreign language pgm. Unusual in that this is supposed to s/on an hour later (0430). Have they changed sked? (Eckman) Hrd by me one morn at 0402 so they are on earlier. Don't know s/on time. (CH)

1555 CAYMAN ISLANDS R. Cayman good w/LA style mx, 1205 also noted in at the time, 0122 4/22. (Connelly) I think I am the last one to hear

this stn, ID after a xylophone at 0200. Verystrong like a local
 4/8. New country. (Objio)
 1562 INTERNATIONAL WATERS R. Mi Amigo heard 4/13 at 0415 w/EE mx,
 then singing "Mi Amigo" ID, finishing w/"Mi Amigo Go-Go". OM
 anncr, DD, then unid lingo and mx, faded 0420 and lost. (Vernon)
 1586 WEST GERMANY Langenberg blasting in w/slow female GG vocal 0411
 4/17. (Connelly)
 1602 WEST GERMANY Munchen good w/GG talk by man, then Muzak 0405 4/17.
 (Connelly)

Ron Schatz called last night after the thing was finished, so I will
 run his stuff here at the end rather than hold it weeks.

527 R. Rumbo noted on this frequency now. (Schatz)
 625 COSTA RICA/NICARAGUA R. Para Ti is here now, and underneath is
 an unid that may be a R. Cristal relay. (Schatz)
 726 ECUADOR here per mx. No ID. (Schatz)
 758 COSTA RICA R. America Latina is here from 755. (Schatz)
 805 ECUADOR R. Tropical ID heard 0700, can't find the notes that give
 the date. (Schatz)
 834 ECUADOR Noted the previously reported Ecuadorian here early one
 morning, but can't find the date. (Schatz)
 915 UNID Carrier but no audio. Possibly RANI from 914 as 914 is va-
 cant. (Schatz)
 925 UNID SAH on Costa Rica. (Schatz)
 965 NICARAGUA here, but not sure if it is R. Managua back. (Schatz)
 985 HAITI A Haitian here per programming but no ID. (Schatz)
 1005 UNID here per SAH on R. Colossal. (Schatz)
 1125 UNID here, not Antillas as they are back on freq. (Schatz)
 1159 COSTA RICA R. Columbia ID'ed here. (Schatz)
 1225 ???? R. Nueva Victoria ID'ed here, R."BB" no longer here. (Schatz)
 Sorry Ron, forgot to write country down and can't look it up here
 at work. (CH)
 1235 ECUADOR per mx but no ID. (Schatz)
 1416 DOMINICAN REPUBLIC R. Marien is here, ID'ed recently. (Schatz)
 1425 UNID here announcing as 1420, CA per LSCA bearing. (Schatz)
 1452 CUBA R. Maboia Santa Cruz ID'ed here at 0500 s/off 4/13. (Schatz)
 1456 ???? R. San Cristobal ID'ed here 4/25. (Schatz) My note-taking
 is rotten, no country on the notes. (CH)
 1465 ECUADOR R. Nueva Horizontes, Matacunga ID'ed at 0343 4/16 after
 a cumbia. (Schatz)
 1485 DOMINICAN REPUBLIC per LSCA bearing but no ID. (Schatz)
 1537 ECUADOR R. El Sol is still here. (Schatz)

Forgot the best one in my opinion...

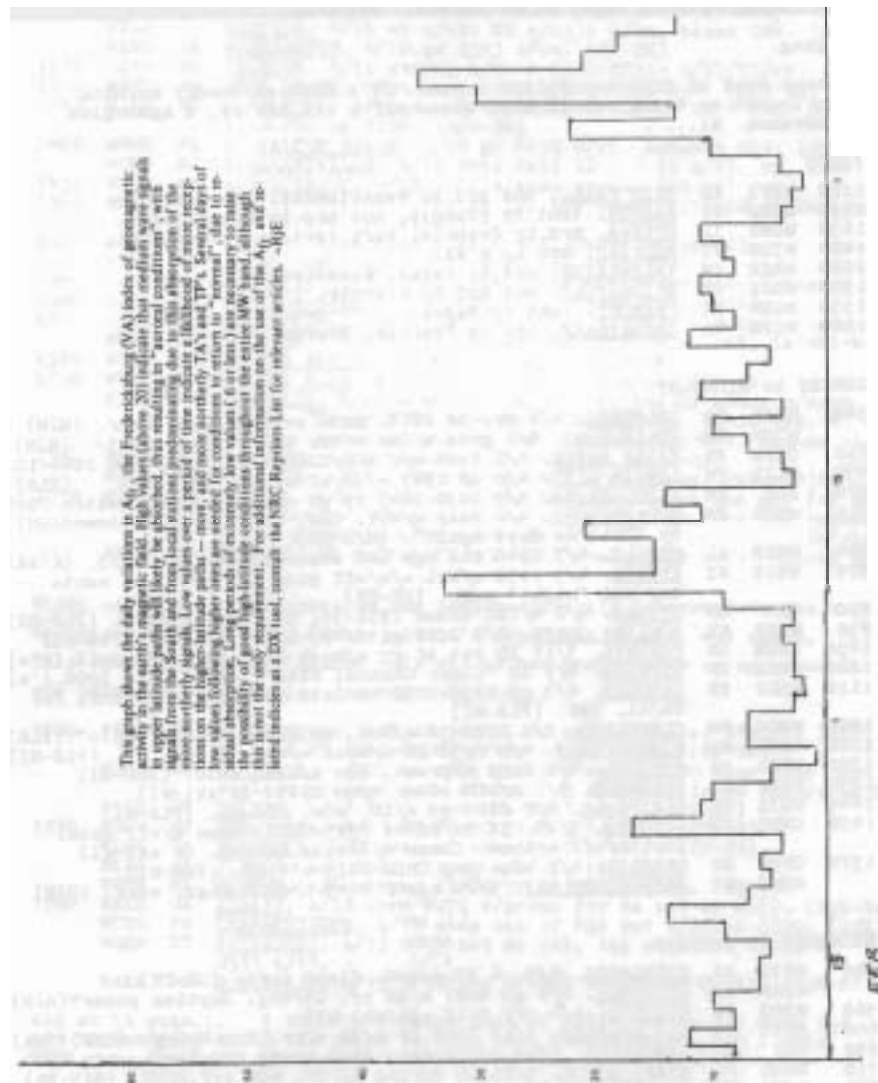
970 WS. VIRGIN ISLANDS WSTX ID'ed after reggae mx at 2300 4/16. (Stz)

Reporters.....

Mark Connelly	Arlington, Mass.	R390A, SM2, 37 m wire w/tuner
Richard Eckman	Philly, Pa.	HQ180A mod, Sanserino loop
Charles George	Dallas, Texas	SSR1, SM2
Chuck Hutton	Decatur, Ga.	R388, Sanserino, HQ129X, SM1
Cesar Objio	Santo Domingo, Dom. Republic	HE30, 4 foot loop
Ron Schatz	Miami, Fla.	R388, LSCA
Brian Vernon	North Pole,	DX150A, DX160, 3 2000' Beverages, 4 LW's, dusty SM2

Anybody heard anything from Turks and Caicos? If you've got a verie
 signer I'd appreciate the info. Forgot last time-tapes gladly accepted
 here. Send em in if you wish.

Keep Thinkin Lin@n



DOMESTIC DX DIGEST

Editor: Eric Rittenhouse
2315 Dwight Way #101
Berkeley, CA 94704

Hi gang,

Another week of DDXD has rolled around. It's earlier Monday morning than I want to think, so if this comes off a bit bleary, I apologize in advance, hi...

RESULTS

1270	KFI	ID	TWIN FALLS, not hrd by Wessolowski, Francis.
1350	KTXJ	TX	JASPER, tent by Francis, not hrd by Wessolowski.
1430	WCMY	IL	OTTAWA, hrd by Francis, very tent by Wessolowski.
1490	WIGM	WI	MEDFORD, hrd by W'ski.
1500	WAKE	IN	VALPARAISO, hrd by Hayes, Wessolowski.
1530	WDJZ	CT	BRIDGEPORT, not hrd by Francis.
1550	WSHN	MI	FREMONT, tent by Hayes.
1600	WCPC	VA	CHESAPEAKE, hrd by Francis, Boersma.

SUNSET to MIDNIGHT

540	WDAK	GA	COLUMBUS, 4/1 rr, ID 1910, pat. switch 1914, fair. (HJH)
	WDXN	TN	CLARKSBURG, 4/1 good w/C&W after WDAK switch 1915+. (HJH)
710	CKVM	PQ	VILLE MARIE, 4/2 tent o/u WOR/CJRN w/FF//CBEF-540 2004-10.
730	WLIL	IN	LENOIR CITY, 4/6 gd 1905 w/ID after nx. (HJH-PA) (PLB)
770	KCB	NM	ALBUQUERQUE, 4/9 2030-2045 vy gd w/mx, pattern switch 2045
810	WMTS	TN	MUFRESBORO, 4/6 fair u/WGY, C&W, s/off 1914 followed(GH) by "Till We Meet Again". (HJH-PA)
840	WMOB	AL	MOBILE, 4/7 1940 tlk pgm L&C even w/Cuban, no WHAS. (W'ski)
870	WHCU	NY	ITHACA, 4/5 1930 u/WWL w/s/off plug for FM 97.3, ments day and "night" pws. (SF-TN)
920	CBO	ON	OTTAWA, 4/2 w/CBC drama 1952-59, ID, CBC nx 2000. (PLB-MI)
930	WKCT	KY	BOWLING GREEN, 4/7 2122 gd w/"93-KCT" jx, C&W, (PLB-MI)
1050	CHUM	ON	TORONTO, 3/17 ID out of rr w/much fading in WHN null. (W's)
1060	WKKQ	MN	HIBBING, 4/1 ID "Clear Channel WKKQ", s/off data 2000. (W's)
1110	WSLV	TN	ARDMORE, 4/2 gd 2035-2057 on late due to wx, wx info for TN/AL, C&W. (PLB-MI)
1260	WMGC	OH	CLEVELAND, 2/2 2028-32 w/MoR, no WNDE, "Magic Radio". (PLB)
1280	WUTC	MN	MINNEAPOLIS, 4/2 1932 gd o/mess w/wx, ID, NIS nx. (PLB-MI)
1290	WFBG	PA	ALTOONA, 4/8 2155 w/promo, ads o/WIRL/WHIO. (PLB-MI)
1330	WEAW	IL	EVANSTON, 4/1 s/off after hymn 1929. (W'ski-WI)
1440	WHIS	WV	BLUEFIELD, 4/7 2100 gd w/ID, ads, NBC nx. (PLB-MI)
1450	CHUC	ON	COBourg, 3/29, 31 nx/sx/wx 2355-0005, then s/off data, inst s/off anthem. Clear w/little fading. (W'ski-WI)
1570	CFOR	ON	ORILLIA, 4/2 blasting CHLO 2015 w/T-40. (PLB-MI)
	WSWV	WV	PENNINGTON GAP, 3/24 s/off 1845 u/CFOR rlg, weak. (HJH)

MIDNIGHT to SUNRISE

540	WRIC	VA	RICHMOND, 4/5, 6 AN w/C&W, flood info. (SF-TN)
	WDAK	GA	COLUMBUS, 4/6 gd 0221 w/AN rr. Strong; daytime power?(HJH)
560	WIND	IL	CHICAGO, 4/4 off 0117. (W'ski-WI)
640	KFI	CA	LOS ANGELES, 3/13 0300 fr u/SS w/rr. Ron McCoy. (LMP)('ak)
690	CBU	BC	VANCOUVER, 3/19 s/off data 0400 ments CBC Vanc... rtn 0600.
710	WGBS	FL	MIAMI BEACH, 3/21 ID during ET/OC, WGR off, 0202. (HJH-PA)
730	WPIK	VA	ALEXANDRIA, 4/2 0530 fr at s/on o/LEX. (SF-TN)
740	WPAQ	NC	MOUNT AIRY, 4/11 pr u/CWJL w/0545 s/on. (SF-TN)
810	WEGS	KY	JACKSON, 4/5 AN for floods u/WGY w/nonstop EEL. (SF-TN)
900	CHML	ON	HAMILTON, 4/11 0448, lcl ads, nx, nx 0500 gd, gone 0510.
	WKDW	VA	STANLEY, 4/3 ET/TT/OC 0137-0148 ID. (SF-TN) (GH)
940	WNRG	VA	SHREVE, 4/3 till 0600 for floods. (FF-KY)
950	WWJ	MI	DETROIT, 4/11 0517 nx, sports weak. (GH-KS)
960	WBOC	MD	SALISBURY, 4/6 gd on day rig 0534 ending nx/wx then AM/FM ID. #2100 here. (SF-TN) I'm gonna be sick, hi, ECR...
980	WILE	PA	WILKES-BARRE, 4/10 0650-0654 MoR o/u WRC. (MI-MD)
990	WHOD	FL	ORLANDO, 4/11 0420-0433 C&W/rr. HIDA 0428, 0430. Tent?(MT)
1000	WKYB	SC	HENNINGWAY, 4/4 0544 fr o/WFLP OC w/s/on. (SF-TN)
	KTOK	OK	OKMULLEN, 4/4 tent, gd w/heavy QRM, time CST. Live DJ contemp rr, faded 0245, CFL off. (HJH-PA)

1060	WKKQ	MN	HIBBING, 4/11 AN for fire w/C&W, gd sig. (SF-TN)
1110	WHIM	RI	PROVIDENCE, 4/10 Huzzah! Alone in WBT SP w/0500 s/on into nx/sx/wx, C&W 0505. SMS 0515 June, 0530 May. (SF)
	WZAM	VA	NORFOLK, 4/10 wk u/WBT OC w/0530 s/on, seems C&W. (SF)
	WKEG	PA	WASHINGTON, 4/10 gd 0545 s/on. (SF-TN)
1170	KJAS	MO	JACKSON, 4/11 strong u/WWVA 0200-0205+ w/ET/TT/rr. (SF-TN)
1230	WBPZ	PA	LOCK HAVEN, 3/30 atop 0200 w/ID, then out. (HJH-PA)
1240	WIST	NC	CHARLOTTE, 4/4 gd w/T-40, Oldies 0150, "1240 WIST Char." into CBS nx 0200. (HJH-PA)
1400	WNUE	FL	FT WALTON BEACH, 3/28 gd 0230 w/rr, assumed NSP. (SF-TN)
	WOND	NJ	PLEASANTVILLE, 4/11 0442 full ID (1/.25 d/n), rr, fade. (MT)
1450	KRZY	NM	ALBUQUERQUE, 4/18 0550 w/game promo. (GH-KS)
1460	UNID	??	4/4 TT 0021-0030, no AM ID, but ments WCTT-FM in Corbin, KY. WVK?? (W'ski-NI)
1470	WVBS	NC	BURGAW, s/on 0545 4/21 w/SSB u/WSAN. (RJE-NJ)
	WBIG	NC	GREENSBORO, 4/21 0550 w/NC wx. (RJE-NJ) (SF)
1490	WUSS	NJ	ATLANTIC CITY, 4/10 0304 pr w/ WUSS Community Bulletin Brd
1500	WURL	NC	WINSTON-SALEM, 4/4 s/on 0545 into NIS. (SF-TN)
1510	WYRU	NC	RED SPRINGS, 4/6 0545 fr u/WLAC w/s/on. (SF-TN)
	WMEX	MA	BOSTON, 3/21 ID out of tlk pgm 0158, WLAC off. (W'ski-WI)
1520	WTGR	SC	MYRTLE BEACH, 4/7 s/on fr 0545. (SF-TN)
1530	WREX	NC	CHAPEL HILL, 4/7 0545 fr u/WCKY w/s/on. (SF-TN)
	WPMC	VA	QUANTICO, 4/20 s/on 0550 w/prayer, twangy anncr w/s/on stuff; "Happy B'casting Co", "Happy" jx, banjo SSB, 4 rooster crows in that order. Yecch! (RJE-NJ). Sounds vile.
1540	WADK	RI	NEWPORT, 4/19 finally w/s/on 0600. (RJE-NJ) (ECR)
	WDOH	MD	WHEATON, 4/12 0530 strong WRCP w/s/on, ag. rpt. (RJE-NJ)
1550	WIRV	KY	IRVINE, 4/2 "This is WIRV, Irvine, KY, on the air for ET. WIRV Irvine, KY now leaves the air" 0130. Hrd C&W behind WMOO, prob was WIRV test. (W'ski-WI)
	WMOO	AL	MOBILE, ET 0124-0127 4/2. TT/"Praise the Lord"/Gospel mx.

Video coverage of this program has been temporarily interrupted, due to technical difficulties. Namely, Ye Ed's typer has pooped out again. This column is being finished only due to the good graces of my roommate, who loaned me his machine for the duration...

1560	WFXV	KY	MIDDLESBORO, 4/5 AN for flood evacuation of M'boro. (SF)
	WSMD	MD	LA PLATA, 4/10, no call change, rlog 0600 plus many tape replays yielded same misleading AM&FM calls as before. (RJE)
	WTOD	OH	TONEO, 4/17 0603 s/on o/u WFXV good. (RJE-NJ)
1550	WSAO	MS	SENATOBIA, 3/29 ET/TT/OC 0148-0153 ID+. (SF-TN)
	WLOA	PA	BRADDOCK, 4/2 fair at s/on 0545 o/WOKJ. (SF-TN)
	WKBA	VA	VINTON, 4/2 0547 strong w/s/on. (SF-TN)
	WNTN	MA	NEWTON, 4/6 strong ET/OC/TT 0232-0237 1/2 ID. (SF-TN)
1590	WALG	GA	ALBANY, 4/13 thru WQIQ w/promo for GA net nx 0520. (RJE-NJ)
	WCBG	PA	CHAMBERSBURG, 4/13 atop out of PSA pwr w/promo 0530. (RJE)
	WQQW	CT	WATERBURY, 4/13 0545 not on yet, log sez s/on 0445. On 0533 4/15.
	WAEN	PA	HONESDALE, 4/15 s/on way u/WQQW 0602. (ex-WHPA). (RJE-NJ)

And so it goes... I think a regular diet of DDXDs may be too much for any typewriter, hi. I was going to type some Changes here, but I think I'll save 'em until the regular machine is back in service.

Reporters:

PLB	PHIL BOERSMA	Spring Lake, MI	RF-1600
HJE	RUSS EDMUNDS	Kinnelon, NJ	HQ-150, 4' loop
TF	TED FLETCHER	Louisville	HQ-129X, SM-1
SF	STEPHEN FRANCIS	Alcoa, TN	TRF
HJH	HARRY HAYES	Goldsboro, PA	R-390A/UHR, SM-2
GH	GARY HOUDEK	Munden, KS	
MT	MIKE TUGGLE	Bel Air, MD	Crystal Set
W'ski	BOB WESSOLOWSKI	Milwaukee, WI	Philco, 4' loop
ECR	Me		

by César Obispo

On March 7 a new trip to this South American country was a new opportunity to visit the local stations from the capital city. I had with me my Sony TRM1000MA and the 1977 issue of the WRTH. We (my boss and I) arrived early in the evening of March 7, but we were not lucky to get a hotel room where to stay, it is supposed that you must have a reservation in advance. Most of the evening was spent traveling from hotel to hotel until we found one at Sabana Grande (a community now merged into the metropolitan area of Caracas) with a very small room and two beds. It was about 2 a.m. when we really went to bed.

Everything is highpriced, including hotel, meals, etc., except gasoline that sells for about \$0.31 a gallon, how do you like that? One Bolívar, the name of the local currency, named after their liberator Simón Bolívar, is worth about \$0.235 or between 4.25 to 4.50 bolívers per dollar, depending on where you exchange your dollars, please prefer any bank.

Caracas was founded on July 25, 1567 by Diego de Losada in a valley where 4 rivers provided water to the small settlement, on one side were the low hills, on the other the high hills. It was baptised with the name of Santiago de León de Caracas, but it came to be known only as Caracas. This name comes from the Indians living in the surrounding area who came from the Barlovento sea-side, and were named like that because some edible wild amaranth which were found around the place they came from, and in their dialect were named "caracas".

In the original plan the city was divided into 25 blocks in a perfect square the center one was the Plaza Mayor (Main Square) with two rows of squares on every side. Around this square were built the Governor's Palace, the City Hall (or Royal House), the church, the soldiers quarter and jail. One curious point is that Caracas streets has no names, names are for corners. This way the four corners of Plaza Mayor are: on the N.E.: La Torre (the "tower" of the church), S.E. corner Gradillas (small steps), on the S.W.: Las Monjas (the nuns), on the N.W. Principal (the main guard). An address, for instance, is like the one for Radiodifusora Venezuela 790 kHz is: Cipreses a Miracielos, meaning that the building is between these two corners. Stations in Caracas now usually have post office addresses. As the city increased in size new names for corners were created. Naturally the time came when some wide and long avenues have names like: Avenida Bolívar, Avenida Urdaneta, Avenida Baralt, Avenida Sucre, Avenida Andrés Bello, etc., in memory of their heroes. Right now it is a three million people capital with the most crowded streets both with pedestrians and cars, buses, trucks, etc., and planning a subway for the solution of people's transportation.

During the four evenings I stayed there here are my loggings, including day and night listening:

- 550 - R. Mundial, Caracas, 24 h.
- 570 - R. Rumbos, not heard
- 590 - R. Continente, Caracas, 24 h.
- 600 - R. Libertad, Barranquilla, Colombia
- 610 - R. Cristal, Barquisimeto
Emisora nueva Granada, Bogotá, 24 h.
- 630 - R. Nacional, Caracas, educational programs.
- 640 - Ondas Porteñas, Puerto la Cruz, 24 h.
- 650 - R. Visión, Maracay, announcing "La Nueva Visión"
- 670 - R. Rumbos, Caracas, 24 h.
- 680 - WAPA Radio, San Juan, Puerto Rico
- 690 - R. Barquisimeto, Barquisimeto
Unid. station heard underneath with a speaker resembling the one in R. Guarechita, Santo Domingo.
- 710 - R. Capital, Caracas, s/off at 0600, later on WGBS, Miami.
- 730 - R. Universo, Barquisimeto
- 750 - R. Caracas, Caracas, 24 h.
- 770 - R. Tequendama, Bogotá, Colombia
- 790 - R. Difusora Venezuela, Caracas, "La Estación de la Alegría" s/off 0500
- 800 - FJB, Bonaire
- 810 - R. Sutatenza, Bogotá, Colombia.-then WKVM, San Juan, Puerto Rico.
- 830 - R. Sencención, San Antonio de los Altos.-R. Visión, Medellín, Colombia.
- 840 - Ondas del Caribe, Santa Marta, Colombia, s/off 0500.
- 850 - R. Impacto, Valencia.- Emisora Nuevo Mundo, Bogotá, 24 h.
- 860 - R. Clarín, Santo Domingo, very late at night.
- 870 - R. Libertador, Caracas.
- 890 - R. América, Valencia.
- 910 - R. Aeropuerto, Meiquetía, 24 h.

- 920 - R. Nueva Esparta, Poblamar
- 950 - R. Visión, Caracas, 24 h.
- 980 - Exitos Novecientos Ochenta (980), Maracaibo, 24 h.
- 990 - R. Tropical, Caracas.- R. Tricolor, Barquisimeto, 24 h.
- 1000 - R. Mil, Morón, 24 h..
- 1010 - R. Aregua, Cagua.
- 1030 - R. Valles del Tuy, Ocumare del Tuy.- R. Pacífico de Celi, Colombia.
- 1050 - R. Nacional, Caracas, educational programs, //630.
- 1055 - La Voz del Centro, El Espinal, Colombia
- 1070 - R. Mil Setenta (1070), La Guaira.
- 1090 - Exitos Mil Noventa (1090), Caracas
- 1120 - R. del Comercio, Bucaramanga, Colombia.
- 1130 - R. Litoral, Caraballeda
- 1150 - Ondas del Caribe, Punto Fijo, 24 h.
- 1160 - R. Industrial, Guaremas.- R. Suremerica, Bucaramanga, Colombia
- 1170 - R. Acarigua, Acarigua.
- 1180 - R. Santander, Bucaramanga, Colombia.
- 1200 - R. Tiempo, Caracas, 24 h.
- 1220 - R. Aeropuerto Internacional, Maracaibo.
- 1260 - R. Impacto, Caracas, 24 h.
- 1300 - R. Trece (13), Petare
- 1310 - La Voz de las Antillas, Cartagena, Colombia
- 1320 - R. Una, Hato Rey, Puerto Rico.
- 1330 - R. Los Llanos, Cabaibo.
- 1340 - R. Uno, Petare; s/off.0600.
- 1350 - R. Visión, did not mention location, either Caja Seca or Cumarebo.
- 1360 - R. Armonía, Charavelle (new name for R. Guacaiपुरo), 24 h.
- 1380 - R. Independencia, Soledad. - Ondas del Mar, Puerto Cabello.
- 1390 - R. Visión, Lara, Barquisimeto, no longer R. Terepimá.
- 1400 - R. Juvenil Setentisiete (77), Barinas.
- 1410 - R. Clarín, Turén.
- 1420 - R. Trujillo, Trujillo.
- 1430 - R. Satélite, Guacara.- R. Majagual, Coroza, Colombia, s/off 0500.
- 1450 - R. Lendis "Camel Marino", Catia La Ma r.
- 1470 - R. Letina, Valencia.- R. Ye, Medellín, Colombia.
- 1480 - La Voz del Oriente, Fajardo, Puerto Rico.
- 1490 - R. Mérida, Mérida.- R. Olímpico, Barranquilla, Colombia (from 1340).
- 1500 - Unid from Netherlands Antilles.- R. Tigre, Celi, Colombia.
- 1520 - R. Minuto, Barranquilla, Colombia.
- 1540 - English speaking station, supposed to be Bahamas.
- 1580 - R. Príncipe, Barranquilla, Colomb ia.
- 1600 - R. Melodía, Barquisimeto, 24 h.

Satellites Help Close Gap For Hawaii

By HOLLY KURTZ

HONOLULU, Hawaii (AP)—The Friday morning news show may come on Monday, and Charlie Brown's Christmas special may be seen during New Year's week.

But the television time gap in Hawaii, caused by a quirk of geography and network regulations, gradually is closing, thanks to reduced rates for satellite communications.

The satellite, at just under \$1,000 an hour, is used for special news and sports events and for the regular CBS and NBC evening newscasts. But general programming still is seen anywhere from one to 15 days after it is shown on the mainland.

KGMB, the CBS affiliate, began bringing Walter Cronkite in on schedule a year ago. And John Chancellor arrives on time for NBC's KHON newscasts. But Harry and Barbara

appear anywhere from midnight to 1 a.m., with highlights at 10:30 p.m., because the ABC affiliate, KITV, still has the videotape flown in.

The problem is that 2,557 miles of water separate the 50th state from the West Coast, so affiliates cannot plug into telephone land lines to receive network programming.

The alternatives are to fly in the tape or fork over \$999.80 an hour, the cost of live programming via satellite.

The NBC and CBS affiliates pay to get the news on time as a public service, but if it's a game show, a comedy or a police show, local advertisers must ante up.

"You have to educate the advertiser about the potential of sponsoring a live show," says Joel Kennedy of Hawaiian Telephone Company, which handles use of the satellites.

Until last August, it cost \$2,950 an hour for satellite use, nearly three times what it costs now.

First to take the costly plunge was KGMB, which in March 1976 brought in Walter Cronkite live and only now is beginning to turn a profit on the newscast. KHON followed. KITV, the ABC affiliate, declines to discuss when, or if, it will pay for live newscasts.

As for sports, each year brings more live broadcasts.

But in the case of wake-up shows, like "Good Morning America," the Friday segment still waits until Monday, and weekend morning time slots are filled with cartoons and other programming.

Videotape can't be shipped early, even though entertainment shows actually are filmed long in advance. Reasons range from network bans against releasing early tapes to the cost and complications involved in making an extra tape for the 50th state.

And when you come right down to it, a situation comedy or game show just doesn't have the time value of a news or sports program.

Although no one in the industry foresees same-day general programming in the near future, satellite usage for news and sports has risen 150 to 200 per cent since the rates dropped, says Bill Gould, communication consultant for Hawaiian Telephone. And he has more than he can handle.

"I'm so busy I wonder why I'm not turned into butter," he says. "I don't have much chance to philosophize or think how much worse it can get."

48 LAKESIDE TRAIL EAST

KINNELON, N. J. 07405

DX CHANGE

Welcome once again to DXChange. Remember that if you wish your ad to be re-run in a subsequent issue (limit of two more), you must notify me to re-run it. It is not necessary to send me a copy of the ad, just a card saying which ad (s) to re-run.

WANTED:

MOSLEY TR557 transformer - balun. Willing to pay \$7 plus shipping. (C. R. Weinstein, P.O. Box 52, Golden City, MO 64748. (417)-537-8604, 2200-0000 CST)

TUNING CAPACITOR for loop - 325 or 350 pf. (Juergen Trochimczyk, Carnegie Institution, Geophysical Laboratory, 2801 Upton St. NW, Washington DC 20008)

BROADCASTING YEARBOOKS: 1931-35; 1937-1955; 1957, 1959, 1967. Will pay reasonable price, or postage both ways if you wish to loan and not sell. (Jack Parks, 909 Jefferson St., Hamlet, NC 28345)

INFORMATION on obtaining surplus Collins mechanical filters; 2.1 or 3.1 kHz - 6db bandpass. Also info on substitutes or ceramic filters with comparable shape factors if such exist. (Nick Hall-Patch, 3272 Alder St., Victoria, B. C. Canada; V8X 1P2)

AIRCHECKS: (No DX, pls.) of local and semi-locals. Cassette only, not edited. Will trade, or supply a tape to make them. Would enjoy stereo. Drop a card for more details. (Robert C. Walker, Rt. 2, Box 17A, Westport, KY 40077)

FOR SALE:

(receivers)

HAMMARLUND HQ-180. Exc. cx, clock cover missing. \$285 firm, will pay UPS shipping. (Charles Zipser, % Courtney Lock & Hwre. Co., 2242 Jerome Ave., Bronx, NY 10453, ph. wkdys: (212)-733-1262; 63. Nights and wknds: (914)-636-8123)

NORDMENDE GLOBETROTTER: 15-band portable, exc. cx., includes LW, BC, MB, FM + 11 SW bands. AC adaptor, light, meter. Cost \$185 new, will sell for \$95, UPS paid. (Zipser)

REALISTIC DX-150A: Good cx, may need re-alignment. Has added tape output jack & AC line filter. Manuals included. \$90 plus shipping. (David Ball, 62 Lexfield Ave., Downsview, Ontario, CANADA, M3M 1M5)

(antennas)

SM-2: good cx, AC-equipped. \$25 plus shipping. (Ball)

SM-2: two months old. \$45, UPS paid. (Zipser)

(accessories)

GILFPER A-20 PRESELECTOR: Covers 4-22 MHz. Works on 100 VAC. \$30 ppd. (Weinstein)

TG ANTENNA TUNER: Covers 3.5 - 30 MHz; 12 position tapped toroidal coil & high quality capacitor. \$15 ppd. (Weinstein)

LAFAYETTE HE-48C SPEAKER: Exc. cx. \$5 plus shipping. (Ball)

TELEX HTC-2 "TWINSET" HEADPHONES: Good cx, \$10 plus shipping. (Ball)

FRANKLIN 24-HR. GMT WALL CLOCK; 3" diameter, exc. cx. \$11 plus shipping. (Ball)

RADIO SHACK "BRASS POUNDER" HIGH SPEED CODE KEY; Mint cx., \$2 plus shipping. (Ball)

PIONEER STEREO RECEIVER: 6 yrs. old, 35 watts per channel; good cx. UPS paid, \$110, but will negotiate. (Zipser)

SCOTT TUBE AMP.: Good cx, but no outer cover chassis. 60 watts per channel. \$60, but will negotiate. (Zipser)

(books)

NRC DOMESTIC LOG., 3rd ed. Good cx. \$3 ppd. (Ball)

NRC DOMESTIC LOG., 4th ed. Exc. cx. \$5.50 ppd. (Ball)

Understanding Amateur Radio. (ARRL). Good cx. \$2.50 ppd. (Ball)

How To Become A Radio Amateur (ARRL). Good cx. \$1 ppd. (Ball)

Learning the Radiotelegraph Code. (ARRL) Good cx., 50¢ ppd. (Ball)

Ham Handbook for Beginners, by M. Biback, VE3CSE. Good cx. \$3.50 ppd. (Ball)

RADIO AMATEUR'S HANDBOOK, 1972 (ARRL) Fair cx. \$3 plus shipping (Ball)

WRTVH 1975 ed. Good cx, \$5 plus shipping. (Ball)

NRC NIGHT PATTERN BOOK, 2nd ed. Exc. cx, \$5 plus shipping (Ball)

DX'ing ACCORDING TO N&WA, by Ed Shaw; Exc. cx, \$2.50 ppd. (Ball)

"GETTING STARTED IN MW DX'ING" (NRC): Good. cx, 75¢ ppd. (Ball)

NRC RECEIVER REFERENCE MANUAL: Good cx. \$2 ppd. (Ball)

LARGE COLLECTION OF NRC/IRCA REPRINTS, R. NEDERLAND FREEBIES, PENNANTS, CM's, etc. \$5, pickup only (Ball)

N&WA RUBBER STAMP: \$2 ppd. (Ball)

IRC# RUBBER STAMP: \$2 ppd. (Ball)

RADIO SHACK COPY PRACTISE CASSETTE: \$3 ppd. (Ball)

That's all for this time. Next column in a couple of months, as volume warrants. Plan is to be monthly or so in winter, bi-monthly in summer.

73's

Received late at HQ:

Hammarlund HQ-150 (.54-30 MHz) with speaker; B&W #370 SSB receiving adaptor (with AM gating control); Heath SB-620 panadaptor (455 kHz, have extra coils); Data Engineering FMS-3 freq marker; audio noise clipper; Worcester SM-2 ECB antenna; all manuals; and extras.....\$350 (Thomas R. Sundstrom, WB2AYA, Box 205 Willingboro, NJ 08046).

Hammarlund HQ-170AC (amateur bands 160-2 meters) with speaker, all factory mods and manuals.....\$200 or best offer. (Sundstrom) Last two items, Tom says pick up only, will not ship either package.

14 MUSINGS OF THE MEMBERS

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

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

DAVE SCHMIDT - 42 Chelwynne Road - Castle Hills - New Castle, DE- 19720
A few words of a Musing to offer the NRC via the "key" man, ERC! DX is a la: 3/21- WJEJ-1240 12:28-12:38am w/Harry James mx & Al NX, WMAJ-1450 1:03-1:12am u/OC of local WILM w/rr, WAKE-1500-TEST 1:17-1:29am in well w/keyword & all that, then the surprise of the morning, nice copy on CFNB -550 2:03-2:15 w/AST TCs & c/w, first time ever for that one here. 3/23- WFAD -1490 12:08-12:12am w/female announcer, phoned-in WX, then s/off, a welcome surprise! Another f/up sent to WGSB-1310, take note Dave Fox, hi! 3/24- WNRW-1540 6:31-6:44pm w/MoR stuff & s/off, very common at SSS. 3/25- WRXO-1430 6:08-6:28pm w/MoR, many Roxboro spots & s/off. 3/28- With much digging and an earache later, WMIM-1590 o/u WQIQ/WCBG/WPLW/WGOE 5:03-5:22pm w/local NX Mutual & local SX, one that Dave Fox & I visited last year. They had a report from Wes Boyd hanging on the wall in the lobby, who heard them a while back. Also on 3/28, WTTT-1430 5:51-5:58-m w/MoR, & s/off, very strong. 4/1- No foolin', a report went to WGAW-680 6:37-6:49pm w/c/w, reported back when they were T-40 but never answered then. 4/4- When the rains came to SW VA & KY, WRIC-540 & WFXV-1560 were both reported w/flood info, WRIC reported years back but no verite then, WFXV for a call change from WAFI, who is verified. To the verite department: v/q- CFNB-550. v/l- WMIM-1590, WFAD-1490, WAKE-1500-TEST (Thanks, John!), WZYQ-1370 w/other things, WAOK-1380 - total: 881. On one of my latest trips, WETT-1590 is again noted off the air & the studios are completely empty. Word has it that after trying it again last Summer following their going broke. They just didn't make enough to cover operating for the Winter, so the plate switch was hit for the final time in mid-March. WCLY-1580, ex-WHEX is still not on the air, studios in the Park City Mall at Lancaster are empty and even the phone number has been taken out with no new one listed! WAMS is now operating NSP, has been on MMs for the past five in a row, adios 1380! Will it soon be goodnight to 1150 also? Delaware may then again become an easy state to hear. That should do it for this time - have a safe Summer, & 73' s.

JOE W. BRAUNER - R. D. 1 - Box 153 - Punxsutawney, PA - 15767
I just received LADS' first issue today, nice work! Many sincere thanks to the NRPC for the exceptionally fine job they have completed in steering the NRC during their term in office. Nothing much to report, just a few odds & ends cleaned up. Due to changing CX, some of these call changes, once easily heard, have become problems and solving two of late gives a satisfying feeling. After hours battling WCBG/WMIM/WGGO on 1590 4/9 @ 5:15 pm the new WAEN-1590 was heard briefly w/Honesdale ads, phone numbers, etc. On 4/2 @ 5:25pm, WTGC-1010 came through w/a perfectly readable ID, after a day of heavy rain odd CX prevailed. First Lewisburg, then WDID, MD came out at 5:30, instead of the usual WINS/CFRB fare. One more new one, WHIC-1520, very tough u/WKBW on r/c as listed on 4/1. I rechecked some of those KY r/c's, not so good as in February. I heard three IDs during WYWY-950 r/c, & noted WGRK-1550 on at listed time on 4/9, folo @ 5:45 by WTRQ, NC, coming on RS. A moment later after a few seconds of TT, semi-local WLOA hit the air with what seemed to be RS. I gave WJEB-1350's r/c another try 4/12, but no trace. Lots of ETers & TTers but few who ID. A rare exception, WMOO-1550 who ETed @ 3:30 on 4/2, first time heard here in ages. I've been working on 1560 in hopes of WWBK at SRG, no go yet. Semi-local WFSP hits the air @ 6 u/WQXR. All reports verified this season except long-out WVFC-1530, who can oft be heard during that 5-6pm period. 73.

ERIC FADER - 23-35 Bell Boulevard - Bayside, NY - 11360
More DX. 4/5- Two stations on 1560 @ 1:25, one of 'em IDed as WFXV-KY, on for flood emergency. Still there after 3. WCBS spur & KAAA also there @ 1:35. Unn WLAM-1470 o/CFox 2:05. Unn CKPT-1420 on top 2:15. Fri. 4/8- AU CX, Cubans in like bricks on 550-580, plus usuals. WGCH-1490 day local, topped frequency @ 1:22 w/EZL on ET, using day & night powers, ID 1:26. 1500 had a strong TT - varying high lk 1:21 o/u a strong WDEE, but TT went off @ 1:23. Unn WNBK-1290 on top w/"Sad Sweet Dreamer." ERC, something I forgot to mention is that an AT-40 additions or deletion often indicates a format change. AT-40 additions for 4/9- KWINA-1400 NV, WAEN-1590 PA (ex-WHPA), WOOV-1340 NC. 73.

LET'S SHOW THE LADS WE APPRECIATE THE GREAT START THEY HAVE ACHIEVED, MEN! HOW? BY BECOMING PART OF "DX NEWS". SEND IN THOSE MUSINGS NOW! DOUBLE SPACE!

MICHAEL COUGHLIN - 17 Bellis Circle - Cambridge, MA - 02140

Randy Tomer's Muse in the 4/11 DX NEWS re my Muse on the latest Realistic TRF has forced me to send in another Muse before I was really ready. First off, I must object to the excessive use of cryptic abbreviations in DX NEWS. However I realize they help speed the typing and are useful to the editors who deserve to have their jobs made easier. Therefore I resolve to use no abbreviations myself, & leave it to our editors to use the correct symbols. All this leads up to the problem of what to call the Radio Shack long range superhetrodyne portable radio with tuned radio frequency stage. Just calling it the TRF is confusing. Since there are many Radio Shack models of this description, dating back over 15 years, as well as members who use antique radios and would like to report what they heard on their genuine TRFs circa 1925. We should think of a specific term for the popular Realistic AM portable radio catalog # 12-655. But what I really wanted to write about was Murata ladder filters. I have the information. They make a bewildering assortment of 455kHz filters, most useful of which is their tupe EFB-455K which replaces the bypass capacitor in an IF amplifier to provide what every DXer yearns for - increased skirt selectivity. They are small enough to fit just about anywhere and make the biggest improvement with inexpensive sets. Price, \$4.80 each. Also of interest, CFS-455J precision ladder filters, 8 pole, 7 zero, 3kHz @ -6db & 9kHz @ -70db for \$30.40 each. But better yet, use two CFR-455I, 4kHz @ -6db and 10kHz @ -60db for \$14.30 each. I am going to order more than the minimum \$25 worth from Uurata Corp. of America, 1149 Franklin Road S.E., Marietta, GA 30067, all interested send me an SASE. This subject is too complicated for a Muse, as I just found out. Does anyone know of a cheaper source of these components?

PHILIP BOERSMA - 15570 Cleveland Street - Spring Lake, MI - 49456
Time for another Musing. In the DX: 4/2- WMGC-1260 @ 8:28 pm w/MoR; WWTC-1280 @ 7:39pm w/ID & NIS sounder; R. Paradise-1265 bombing in @ 7:42 p/the usual religion; CBO-920 w/ID after drama program @ 8pm, WSLV-1110 also noted on 4/2, past LSS due to severe WX. They were heard clearly here 8:35-8:37pm w/c/w, & WX announcements. Report sent. MM 4/4- WCPK-1600-TEST was heard, but bothered by the KCRG ET. KCRG had TTs & rr. WPKF had jazz mx. 4/7- WHIS-1440 good @ 9pm w/ID, NBC NX. R. Paradise again bombing @ 9:05. R. Lighthouse-1165 noted 9:09-9:11pm w/religion in EE. R. Bel-12e-834 @ 9:15 w/EE NX (BEC) WKCT-930 o/other stuff w/SID @ 9:22pm. 4/8- WFBG-1290 a surprise @ 9:55pm o/WIRL/WHIO w/promos, ads. That's all for the DX. I received the new Domestic Log. It is super! It was much needed here, too - my old log had fallen apart! 73s, & have a good Summer.

RAY ARRUDA - 48 Woodlawn Street - New Bedford, MA - 02744
April has been an interesting month with the addition of WRIC-540 & WFXV-1560 due to flood emergencies. WFXV was AN on 4/5 & WRIC copied the AM of 4/6 1:38-1:58 s/off w/XEWA nulled. MM 4/11- I got up @ 4am & did all DXing on 1060 w/WKKQ-1060 Hibbing, MN on AN for forest fire emergency in Northern MN. Copy was very difficult at times with WRMF ET & surprisingly, CJRP third on channel. Report out to WKKQ from 4:29-4:59. Tues. AM 4/12 I listened from 1 to 2:30 & KDUZ-1260 MN TEST was tried but not heard here, too many ANers on this frequency during the week. I did note briefly WEHH-1590 NY testing w/lk TT/OC 1:19-1:30 with Elmira Heights - Horseheads ID @ 1:21. Speaking of Horseheads, did anyone receive a verite from the WIQT-1000 TEST of 12/76 yet? I haven't. Just a few more TESTS to try for and that should wrap up my DXing until September. Veries: v/q from KPMC-1560 & TEST veries back from WBUC-1460 & WBUC-1560. 73.

WAYNE HEINEN - 2603 Paseo Road - Colorado Springs, CO - 80907
"The Pike's Peak DXer." DX? What's that? Mid-April noise is here as I file my taxes. No real DX since a while back. No new veries either. So why Muse? To announce good news. Anyone wishing a v/f for KRYT-1530-TEST of last season can write a duplicate report to me at above address & receive a v/f from ex-Ops Director Ken Love. We (Ken & I are in the same Jaycee Chapter) have a copy of the TEST details. This is ONLY for the TEST last season. Things look real good for LINCOLN from here! Although 11 years after Montreal I kind of doubt I'll win the Wayne Heinen Award. For those who haven't been to a Convention it's a good feeling to know you are not among few but among many in the radio hobby. Shooting the bull is also nice to do too! If the static don't clear & veries don't come in I'll see you next in LINCOLN. 73s. (C U there, Wayne! -ERC)

WARREN E. GREENBERG - 145 Cottage Road - West Roxbury, MA - 02132
Two new stations heard here in the last week are KXEL-1540 Waterloo, IA eben WPTR Albany was off the air, and CFGO-1440 Ottawa. This was heard u/WNCR (ex-WAAB) in Worcester, MA. Also with the help of Ernest R. Cooper, at his GTG in Provincetown, I was able to find out the location of another station in York, PA. Next week (4/16-24) I will be doing some DX from Europe, mostly from Italy & Switzerland. The next time I write I will have a Musing from my DX results from Europe.

RICK CARR - 208 1/2 West Graham Street - Bloomington, IL - 61701

Hello again. My last Muse I didn't get a chance to show any loggings so here goes. As of 3/12; WOHO-1470; KPCR-1530; KWFT-680; KPIK-1580; KFBS-1530; MAAC-1300; KSAL-1150; KOTA-1380; WVOY-1270; WPGC-1520; WSKT-1580; WIMS-1420; WIGM-1490-TEST; WWUN-1590; WMFO-1390; WGEE-1360; KDTH-1370; KTOE-1420; KLIZ-1380; KCLN-1390; WKXC-1500; WXVI-1600; WPEN-950; WDIC-1430; WHLN-1410; KHAK-1360; WCPK-1600-TEST (sounded like a local for about 12 minutes); WROY-1460; KEND-1590; WCSC-1390; CBO-920; CKKW-1090; CFGO-1440. As for veries, v/s from 3/11 to date: WCTW-1550, WJPS-1330, WSHY-1560, KKKJ-1550, KFDF-1580, WJSO-1590, JILR-860, WSLV-1110, KPV5-960, KPIK-1580, WBTM-1330, KRYS-1360, KFDD-1070, KWFT-620, KOTA-1380, KNIN-990, WSKT-1580, WAKE-1500-TEST, WOHO-1470, WGSB-1480, WMFO-1390, WRRR-1330, KSAL-1150, KTOE-1420, WDIA-1070, & WROY-1460. V/q from KMA-960, KPMC-1560, KWMT-540, CBEF-540, KKA-1560, WBL-1380, WLBK-1360, WIMS-1420, CJRS-1510, KGLO-1300, XEPRS-1090, & finally KTNQ-1020. This brings my overall total to 581/296. I don't really have the time to write out all the details for the logged stations so if anyone wants info on these, just call or write. I spoke to Sid Steele the other night (I probably talked his ear off) & mentioned he hasn't seen where anyone has gotten a verie from R. Jumbo. Well, they do verify. I received a letter in FF in 17 days, no return postage, plus a nice bumper sticker. If anyone wants to trade bumper stickers, send a list & I'll do likewise. My SM-2 ought to be here any day now. If you have any suggestions or comments about these antennas, please let me hear them. The verie I received from WDIA stated they are wanting, quote, "DXers to work their station." And WGSB-1480, Geneva, IL, has a woman CE & she is a COB DXer. KMA-960 Phenendoah, IA has wooden nickels. Are there any U.S. stations that have pennants besides WOR's stick-on pennant? I would like to hear from all Illinois DXers, and CJGX. 73's & look out KORL, here I come.

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

414-643-6947. It's been a while since I've been at the keyboard (two weeks) so I gotta get to it. WAKE-1500-TEST 3/21 was in real clear, report out; verie back. Tape & verie back from WNRI-TEST - thanks, Craig. I tried for WRIB r/c 4/7 & got nothing but the usual "Kleveland Krap" I finally nabbed WMEX-1510 3/21 @ 1:58am mixed w/some FF. WIGM-1490 ID 2:02, for WI #67 heard. Now to get off my duff and try to verie some of 'em. Later 3/21, @ 8:13pm, WJWS-1420 dominant w/disco-rr. I haven't "seen" them in a while. Nice log on WNDE-1260 test 12:26-1:38 3/23, report sent. No big deal though, they're a nighttime pest here. Their OC @ 1:17 got me WMG "Magic Radio" a newie for me. 3/27 - Clear s/off stuff from KTR-1490 w/ISSB 1:05. Most of my MO's added in the past six months have been s/offers. Really felt good to pull in CHUC-1450 on 3/29 & 3/31, really free from fading. Even solid minutes of anything on a GY is strange for me. They run NX from 11:55 to 12:05, & might be worth trying for those in this area. R. Clarin-860 in super strong 4/2 @ 1:53. Until I listened a little closer to the language, I thought it was CJBC. Fantasmagorical AU 4/7. At 11:35, I heard the same cl mx on 660, 670, 690, '880. They went into SS yak @ 11:45 (all four frequencies) & on 690 @ 11:49 I heard at least five or six mentions of "Coo-bah." The Cubamaiten lists R. Progreso alone on those four frequencies, so I added CMHG, CMBC, CMAF & CMKP, to my log simultaneously. A later check of the Cubamaiten helped me to find R. Rebelde programming on 550 also, so I added CMAN too! I don't know if everyone would agree with me on those loggings, but I'm sure I heard 'em, so I added 'em. I think I'll start an I-heard-5-new-Cubans-on-a-Thursday-night-club. Anyone else care to join? Hi. My phone number's above in case anyone feels like yakking sometime. Sorry, I can't afford collect; but "if you've got the dime, I've got the ear." (Cuch).

BOB LAZAR - 406 Ogg West - Madison, WI - 53706

I spent my Easter break from school in Port Washington & did some DXing although not as much as I would have liked to thanks to the poor WX CX. MM 4/4 - WMGK-1260 good u/WNDE/WNDR on ET @ 1:36, ID mentioned "Magic Radio." WCPK-1600 heard well on TEST @ 3. MM 4/11 - XEDM-1580 logged for a report between 12:30 & 1, they had at least two ads after every record. WKKQ-1060 noted on AN due to fire emergency w/c/w, good & all alone after KYW quit testing. WOR-710 was apparently off or on OC but CJRN really blocked the channel. CX to Ontario must have been good as CKEY-590 was heard way o/pest WOV @ 3 w/NX. They quickly faded though. CKWW-580 was heard briefly @ 3:09 w/rr u/WIBW who had Jepko. I've noted WERE-1300 also has Jepko on MM but the show is apparently a tape of a previous show since I've heard him say such things as "It's Tuesday morning" etc. WOAI-1200 also does the same thing on SM too, I believe. Sorry to have to report a number of new NSPers: WISN-1130 WNEE-1380 & KLOU-1580. KLOU has AT-40 @ 4am MM for all you AT-40 fans. I did notice KDAY coming through KLOU fairly well 4/11 so I guess it's not that bad. WISN is the only NSP station on AM in Milwaukee, before they went NSP Milwaukee had been without an NSP on AM for two years. 73.

<REMEMBER - 30 LINE MUSINGS LIMIT - AND ONLY ONE MUSING PER MEMBER PER ISSUE!

BRIAN VERNON - Manibridge, Manitoba ROB OXO

This amazingly is my first Muse from this location which is just 20 miles from Wabowden, until the end of June when it will probably become a ghost town with the local mine closing. DX has been fantastic here, though it has been due in no small part to three Beverage antennas. This really is a remarkable antenna, & if anyone out there has a lot of space, a Beverage is a must! I am writing though primarily to thank HWB for a great DDXD column, so exciting, and NJPC for their amazing energy in making the NRC an even better Club to belong to. All the above improved DX NEWS so much over the years, a magazine of this kind is really looked forward to during the season, & especially so in the "middle of no-where" like here. And where else can one complain about pests like CFNC-1490 @ 45 miles, CJNC-1340 @ 65 miles, both I believe w/25w, local LPRT-690 w/40w @ 20 miles, & CHTM-610 @ 75 miles, w/1,000w. My super Beverage unfortunately is directed at the last two, for best TA reception. Some DX notes: I have noted CFFB-1210 s/off as late as 4:03am. The CBC FF things CFNS-860 & CFRG-690 have been on for some time, & Sask. does not change times, though officially it's CST Winter, & MDT Summer. As far as I know the Yukon is always PST. TAs are usually in when Thule-1425 is noted, but when listening, it seems insistently to use CBS NX on the hour, seven seconds delayed, & cuts at the beginning of second set of commercials. First set are cut w/PSAs inserted, also strange anthem (maybe Greenland's) & SSB played just before midnight Thule time. I have asked for CFFB's sked. They might be heard on EC if that little-heard WCAU has an SP. The CRC lists LPRT-1160 Rankin Inlet //CFYK-1340, but the NRC Log knows best, & most certainly is //CFFB, hi! Anyway, I guess ERC is a little tired of people complimenting the Musings section, so I will skip all that. (Praise is always nice while one is still alive, hi -ERC) I thought EC didn't count Pi-rates, but I noted his Mi Amigo-1562 verie? (I don't count 'little boys playing radio station' -ERC) Anyway, remember, yesterday was experience, tomorrow is hope, & today is just getting from one to the other. 73s, TX EST.

JIM AYERS - 2847 Woodside Drive - Jackson, MS - 39212

This is the Magnolia State DXer, & I am desperate for a directional antenna. Somebody HELP me please! I'm looking for a Space Magnet, ferrite core loop or anything else that is very directional! I made a futile entry to DX-Change concerning this & got NO results. Come on, somebody out there, tell me where I can get a good, high-quality very directional antenna, NEW or USED. (For NEW SM-1 or SM-2, write Joe Worcester - Worcester Electronics Laboratory - R.D. 1 - Frankfort, NY - 13340 -ERC) Since last September, when I bought my Hallcrafters SX-99, I have been searching in vain. I'm using a 315' LW which provides fine long distance reception, but absolutely no directionality. Last December, I wrote to a place searching for an antenna & got nothing. Therefore, during the entire Winter DX season, I missed I don't know how much good DX. A question for Charles George in Dallas, where did you write off to for your Space Magnet. (mentioned in the 3/26 "DX Monitor.") It is so hard to find any DX stuff you need if you live in Mississippi and as far as I know, there is only one other DXer in this state in which one out of every one million people is a DXer. The other MS DXer is Scott Mentzer in Ty-lertown. Scott is an IRCA member whom I would like to meet. I sure can't make it to any Convention in Lincoln! But, as they say in Bridgeport, CT, "WICC" - "Wish I Could Come."

CHARLES L. HUTTON - 2114 Myrtle Lane, Apt. 1 - Decatur, GA - 30033

By my count it has been SEVEN YEARS since I last sent Ernie something, so to break the famine I'll make him type this. I have three people who are interested in taking advantage of the 10% discount on orders of five or more Autek QF-1 filters. These filters are occasionally nice to have so if there are two more NRCers out there thinking about purchasing, please get in touch. Also, there was mention of the Ham Trader Yellow Pages in DX NEWS a few issues back. Since so few NRCers are also hams I will mention it further here. For \$5 per year (or less for shorter terms) you get bi-weekly issues of around eight front & back pages filled with ads. Prices are extremely reasonable - I have seen R388's for under \$200, and an HQ-129X for \$45. It sure tops Buyers and Sellers in terms of amount of equipment offered and the prevailing prices also. Bargains galore if you are willing to wait for what you want. Speaking of hams, I took my test a couple of weeks ago & if everything goes OK I hope to pick up an XR & join the N.C. net in the next couple of months. A few weekends ago we had the first-ever Atlanta area DXers meeting & were able to scrape together nine bodies - a real feat for the DX-er-starved SE. I would mention DX but there hasn't been any since New Year's - this has been a rotten last half of a season. The season was over back in December but we didn't know it then, hi. One last thing - what's the matter with some of the DXers in our Club? I have three people who have not replied to letters containing reasonable requests & return postage. When someone writes me to ask about some facet of DX I reply quickly & to the best of my ability. Help and get helped, guys? 73s.

STEPHEN H. PONDER - Box 22,635 - Fort Worth, TX - 76122
 Greetings again from warm & humid Fort Worth! Heavy T-storms have kept me from the dials, but I did manage some DXing on the week-ends. Good job, NJPC! Also, best to the NEW Louisville folks. Latest veries: v/1- KVMG-1490, KBBB-1600, KQYX-1560, KNAB-1140 & XEX-730 (in SS). v/q-WBZ-1030, KLUC-1140, WIBW-580, WJJD-1160. v/r- KTLU-1580. v/f- WMAQ-670. Latest heard: 4/2- KBAN-1410 o/KBUD w/TSN NX @ 1:10pm; KSWO-1380 u/KBWD/KTSM w/T-40 @ 6:06pm; KGTM-1530 u/KGBT @ 6:30; KLUC-1140 o/WVWA w/T-40 @ 9:01. 4/3- KTLU-1580 o/KGAF/KRZT @ 6pm, KZAK-1330 o/KMIL/KSWA w/c/w @ 6:31p.; KBBB-1600 w/c/w o/KXVI/KUSH @ 6:55; KLEO-1480 o/KBOX w/T-40 @ 7:10; KQYX-1560 o/KWGO/KKAA w/T-40 @ 7:30pm; KGBX-1260 (unn) w/religious programs @ 10:30pm. 4/4- WIBW-580 w/CBS NX @ 11pm; WGAR-1220 barely audible y/XEB/CMGY @ 11:30. 4/6- WREN-1250 battling its way @ 2:35am; KFBK-1530 o/WCKY @ 3:45am w/NIS. 4/9- WDMG-860 o/KOAM @ 10:50pm w/Atlanta Braves BB game; KLMR-920 u/KARN w/CWM @ 11:15pm; KIXZ-940 u/XEQ w/T-40 @ 11:20pm. Thanks to a tip from Artie Bigley, I can now null out local KFJZ-1270 (that means 1260 & 1280 are now open). 4/14- KHOW-630 in the clear @ 6:15am. 4/16- KCLV-1240 topping the channel @ 3am; KFH-1330 o/WVPR/KWWL @ 3:20. 4/17- WTLX-690 u/KGGF @ 8pm (only the second time to hear them in Ft. Worth); KRYT-1530 u/WCKY @ 8:20, IDing as "The All-New Disco Rocker, KRYT"; KDKB-1510 completely covering WLAC @ 8:35 w/Beatles mx. 4/18- WTTI-1530 testing @ 1:45am; CKCK-620 @ 2:20 u/WSUN's OC test; KTKT-990 on top @ 2:45 w/disco mx; WHOO-990 test ID heard u/KTKT @ 2:48; CBR-1010 (unn) w/CBC NX @ 3; CHUM-1050 barely heard u/"Mexican Monster" @ 3:10; XEPRS-1090 in the clear w/50's mx @ 3:20; KCKY-1150 (I guess) w/all-too-infrequent "Country 1150" IDs @ 3:55. Good DX!

RONALD F. SCHATZ - Box 592814 - Miami, FL - 33159 AC305-945-4915
 Greetings from the location of the Florida Sunshine Tree, hi. Sorry about the inactivity, chaps, but I've been starting my own business and preparing to move to the Hollywood area (the one here in Florida, of course). Local WFAB-990, alias "La Fabulosa" is no more, so now it's WHOO all day & WPRA ("La Musicalisima Radio Alegria") most of the evening. ZNS-TV -13, is due on the air in colour & with a 350' tower in June or July. Cuba is also going colour - NTSC system. Backto AM, R. Nacional-980 is back on, auble here any AM; this is the 300kw Brazilian, of course. The drifter on 1097 was R. Musun, Matagalpa; and 1063 was an uID Honduran. Both have since returned to frequency. 625 is no longer R. Omega, which moved to 600; some "Radio para M1" (or --- T1) is there now, along with Nicaragua's "Cristal" hettig slightly underneath. Now, speculation time, a la Connelly, hi: AM Stereo: XETRA-690, alias "Extra Music", first started experimenting with this in the late 60's, using the USB for the right and the LSB for the left channel. The station told listeners to detune two AM receivers off frequency to each sideband to pick up the stereo. For most listeners it didn't work. The present system being advocated, per the 4/4/77 issue of Broadcasting, would seem to transmit the "L plus R" info as usual while multiplexing the "L-R" (difference between both channels) signal by phase-modulating (FM'ing) the carrier. An FM detector in the RX would recover the L-R, then combine it with the AM'd L-R in a matrix circuit similar to the ones in FM-stereo receivers. Needless to say, AM-stereo adaptors will be hot items to DXers quite soon, what with WBZ & WTOP starting experimental transmissions then DXers will find a new dimension in the hobby once things start rolling. Especially appealing will be stereo across the oceans - on both the BCB & SW - and the effects of poor technical quality on LA stereo stations, where slogans like "Estereo Musical" will pop up. NRC's symbol for stereo will likely be "S"; e.g. "WBZ-1030S". Congratulations to the LADS & to Chuck Hutton on their new positions (speaking of the Kama Sutra, hi). 73 de RF#.

CHARLES GEORGE - 6407 Howard - Dallas, TX - 75227
 My latest veries are: WDAF, WNBC, KMAD, WAVE, KCAR, WBZ, KCIJ, WCBS, & KHOW. The SM-2 has really made listening to the radio more fun. I was really surprised when I heard R. Tequendama, Bogota, Colombia, on 770. My dad, when he heard R. Carasas, Venezuela on 750 & R. Nacional de El Salvador said he thought they sounded better than many of the stations on SW. Maybe some day my parents will understand the bug I have - DX. I may have to eat my words about KFJZ since I know one of the announcers from high school and an engineer at the AM XR who is a member of NRC & IRCA, Artie Bigley. I would hate to see friends and DXers out of work. I am puzzled by the SM-2 in that a station which normally comes in from due South will then come in better from other directions. Anyone know why this might be? Last night I logged Emisoras Montserrate-650, Bogota - I paid for it this morning.

We hope you have noticed that we now have more space used on each page, which should help us to conserve paper. We also hope everyone has noticed the fine job the LADS are doing as our new publishers! And we also wish to congratulate Chuck Hutton on the appearance of IDXD these days, and congrats go also to Eric Rittenhouse for his fine handling of DDXD. Nice going, everyone!

MIKE WHELAN - 1654 Bathurst Street #401 - Toronto, Ontario - M5P 3J9

Spring is here & it's finally showing in the WX for a change. I just hope it stays this way until opening day for the Bluejays. Speaking of the Jays, I sent their network along with this Muse to Ernie. There are a few stations that might make it across the border to interested fans from this network but no good stations to listen to them on. Yours truly here was the dummy who sent in the Muse without a signature in DX NEWS #21. I am writing this Muse on the 93rd day of the year & I so far have 93 stations. Most of these new stations have been heard on SSS, MM, or during their ETS. Totals are now around 250/210 but I hope to improve on that 210 over Summer vacation. Some of my newer stations: 3/9- WSRF-1580 on ET. 3/11- WFXV-1560 on ET. 3/21- WAKE-1500-TEST. 3/28- WGCE-1590 on ET, WTTI-1530 on ET. I didn't hear the WDJZ-1530 TEST but at 1:30, WTTI in GA came in to make the listening worth while. Latest veries: v/q- KPMC, XEG, KFBK. v/1- WQQW, WAKE, KFVS, WWAM, WSHY, WOR3. After looking through my binder with all my v/1s, I discovered a casualty! My WBAW-740 v/1 is missing. It was bound to happen eventually but I was hoping that at least it would be a station I could get again. As Frank Dailey mentioned, it is highly recommended that you meet other local DXers in your area, and, if possible, exchange phone numbers & station lists. This type of "hot line" has helped the totals go up. I have a hookup w/NRC'er Jeff Kay from down the street & an IRCA member from around the block. We know each other from Grade 1 so we haven't had to go through a "get to know each other" thing. Anybody who wants to can call me any time at 416-787-7164 with one ring only betw. en 11pm & 7am ELT. The next few weeks look good for DX & so do chances for 100 stations in 100 days. March ended with a total of 27 heard. I have noticed a slight improvement on my verie percentage since I have started using a typewriter for my requests. The boys in NJ did a great job & I'm sure Louisville will at least be just as good. SSS is approaching now &, in my quest for 100 in 100, I bed these fine pages farewell. 7 tea trees.

MIKE KNITTER - 275 Lee Drive - Ellsworth AFB- SD - 57706

Well, I guess it's about time for a Muse. Being it's been quite some time I guess a re-intro is due. I'm 25, work in the AF fixing telephones & the like. I'm married with a wife who also tunes the bands, mostly SW. Aside from playing A.F. & DXing, I also in my spare time work w/ the Civil Defense people. I'm also a member of the Black Hills React Team. For you CB nuts, my call letters are KGS-4994 & sit on Ch. 13 or monitor Ch. 9. And I'm also a member of the Red Cross Disaster Action Team. We're the nuts you see running around in the floods, blizzards, & your local house fire, giving out food, shelter, & clothing. And in Rapid City you get plenty of experience with all the above disasters. The base is located about seven miles from Rapid City & on a clear day you can see Mt. Rushmore from my house. Now, on to other things. Not much DXing here. I've got a neighbor who owns a fish tank complete with a fery noisy heater. Worse than lightning crashes. I finally heard my first foreign stations here, PJB-800 and CMQ-640, both in December. Like to welcome Wayne Tisdale of Lemmon SD to NRC! Now we have three members out here in SD! Just three years ago we had zip! I moved my DX shack to another room, & you'd be surprised on the stuff one fines when moving around. Like forgotten v/qs, a log sheet, a few dead spiders, a few live spiders & even the old lady (no wonder it's been so quiet around here, hi!) For you FM freaks, Rapid City has a new station, KGGG-100 & a call change to another, KKLS-FM to KKHJ-93.9, both stations are adult contemporary type stations. Station totals here are up to a mere 438 with KHOS-940 had on 4/11 as my last station. I redid my logbook in Feb., took three days to do, but I must admit it looks a lot neater now. I'd also like to wish the Louisville people lots of luck. I guess I wrote enough for now, hopefully I won't wait so long to write. C U N A while. 73s.

MICHAEL COUGHLIN - 17 Bellis Circle- Cambridge, MA - 02140

After reading last issue's Muse, I noticed I condemned the use of cryptic abbreviations & then proceeded to use a whole vunch of them in describing some ceramic filters. Everyone interested in knowing about ceramic IF filters should write & tell me what they want to know & I will prepare an article complete with formulas & graphs. I am just starting in this subject & have not used them yet, but I have specs from Murata Corp. & will get more info soon. If you want to buy some of these things to try yourself, but don't want to spend the \$25 minimum, send me a stamped self addressed envelope & I will let you know when I place an order. There is a price break in quantity, but you have to buy 50 or 75. Everyone who can unsolder a capacitor will want 455k bypass filters, so we should get 50 of these. Incidentally I got my set of filter specs by calling Murata Corp. at 404-42209777 (in Marietta, GA). With all the discussion of the FRG-7, people are neglecting the good old Barlow-Wadley. Too bad especially since I just bought one, & it works great, except for AM BCB. Only radio I ever owned that could use a volume control on an SW antenna lead. I hope to hear from people who have made improvements on this RX. Maybe by the time you read this I'll have invented a new way to connect a loop to it.

MIKE TUGGLE - 909 Moores Mill Road - Bel Air, MD - 21014

Many thanks to the crystal aficionados who responded to my first Muse - I will be in touch with you shortly. I just received a sample packet from IRCA. To get my address, they obviously read DX NEWS. (Bless 'em). I get the impression there's a good deal of cooperation between the two clubs, which is very gratifying, right? I tried MM sessions the last couple of weeks. CX are deteriorating fast, but on 4/11 I netted WHOO-990 & WOND-1400, both of whom produced near instant veries (four days). MM 4/18 I was sitting on a dead 850 when @ 4:40 out of the clear blue (black?) came "WHDD Boston", then nothing. That brings up a question: crystal RXes respond to some TTs but not to others - don't think this is an audio frequent response limitation. Are some TTs broadcast CW and others AM? Also, who might be the SS on 740 punching in u/CBL rather nicely on 4/18 around 10:30pm? Best 73s to all.

CARL MANN - 5777 Ridgeview Drive S.W. #711 - Cedar Rapids, IA - 52404

More notes from Eastern Iowa. With the season drawing to a close I CAN CONCENTRATE more on regionals, locals, and SRS/SSS DX. T-storms are noticeably in season, but Mid-America needs the rain. 3/14- I'm still trying to ID FFC s/off on 860 @ 2 in even w/XEMO; no luck. KTRQ-1020 in PSA program @ 3; IDs as KTRQ/KGBS yet, the latter still being the FM call, I guess. 3/21- Ontario in strong w/CFOR-1570, CKWS-960, & CJRN-710 o/WOR, but that's the only "opening." 4/11- I enjoyed a weekend visit from Frank Merrill. XET -990 in WNOX null 3:44. I chased down KDAY-1580 till 4 o/u KLOU & TT. WPGK -1580 s/on noted @ 5:30 for a new state. Then 1560 came alive @ 5:58 w/WVAK /WDXR/WBUK/UnID s/ons nearly simultaneous. Summarizing the season, having started with a fresh log when moving here last October: 370 loggings, 41 states, 17 countries, seven provinces. It's been a good, enjoyable season. In the AN situation discussion, I too, forecast little relief as stations find it profitable to bury news and PSA commitments there, and engineering is progressing so that little down time is needed for any equipment mtc. (maintenance? -ERC) We have an SP ay KORG only because of tower mtc; we HAVE an AXR. But our tower emission system is old and needs mtc; many stations don't need it. I noted KIOA-940 4/11 on an MM RS - another lost frequency here. However, with the energy crisis perhaps it will be suggested that all stations reduce power 12-6am. This should cause little problem in service area as half power reduces the signal much less than half. A mandatory SP for all stations on a rotating basis would be nice, but that's a DXer's wish. Realistically service should be uninterrupted, but if all stations AN reduced power by half it would save mucho power with little effect on service areas (and perhaps less sideband hash.) In spite of our DX desires, the importance of uninterrupted service must be realized.

ERNIE COOPER - 5 Anthony Street - Provincetown, MA - 02657

Veries: WCMY-1430-TEST, CJJD-1280 & KQXI-1550, and it is now 4,042 and climbing as slowly as the temperature, hi. WCMY-1430 IS owned by the VIRGINIA B'g. Corp. so my ears didn't play a trick on me! SM 4/10- Old NY pest WPAT-930 noted on top of 930 this AM @ 1:44. Then, a Killing on 1550, w/no less than THREE K-stations coming in simultaneously, two of them newies. I first noted KRGO w/c/w, my first logging of this one, and I must be on the bottom of the totem pole here. Whilst listening to them, I heard bits of KKHI, San Francisco, w/cl mx, unn, and then suddenly a third station s/on on top of them @ 2:58 or so, which @ 3:02 said it was KQXI, making a test transmission, so I took logs on KRGO & KQXI concurrently, a real bonanza! Noted in the day on Red Sox BB network: WMEX-1510, WNBH-1340, WIDE-1400, WJAR-920. I missed MM 4/11 - I was a bad boy 4/10 PM, hi. 4/12- WVAM-1430, unn, on f/c-TT 1:03-1:10. Unn WEHH-1590 had a f/c-TT 1:15-1:25. Then I nited a station on 1490 on this semi-AU AM w/Atlanta Braves BB from Los Angeles - Chuck Hut-ton says it has to be either WMOG (unn) or WMRB, SC. I got some of their local commercial breaks in part, but no ID, so a tentative to WMRB. My guess is it'll come back negative, for WMOG is right on the coast, and most likely w/AU CX. Unn WWOX-1260 on top of everything including semi WEZE @ 2:20. On 1410, CIGO doing well w/c/w ANing, o/u WPOP which has dropped NIS and is now part of a growing list of stations carrying WOR's Barry Farber AN show, but not live, as it is a different show from that on WOR at the time. 4/13- R. Sensacion, Venezuela, topping 830 and now another YV on AN sked. An UnID FFC on 900 w/MoR & s/off w/O Canada @ 2:01, whossis? Unn CKWS-960 was plugging their FM-96.3 w/c/w AN. Venezuelans E. Vision-950 & R. Mil-1000 doing well. 4/14- UnID TT-1500 1:11-1:32 & on; one on 1490 too 1:16-1:34, and a third on 900 1:52-1:56. 4/15- UnID TT-1250 1:09-1:15 & on. One which quit on 1440 @ 1:26, & one on 1580 3:02-3:16 & on. 4/16- UnID TT-1560 1:28-1:30 & on. SM 4/17- WVMT/WVNJ playing tag on 620, both unn, 1:46. About three SSES on 1040 vying for top echelon, none IDed. MM 4/18- Unn R. Uno-660, Colombia, very loud today, a power uppage? UnID TT-900 2:11-2:17 & on. Another on 1410 2:25-2:31 & on. Unn WCHL-1360 testing @ 2:27. TT on 1310 2:36-2:39-plus. More Ters on 1290 @ 2:40 & 1220 3:05-3:12-plus. 4/19- UnID TT-1590 12:56-1:15, when WVNA came on for r/c. Unn WUIL-1300, PR, popping through @ 2:42. CUN-14.

MONTHBALL MEMORIES

CHAPTER I - FRANK WHEELER REMINISCES

I read Ron Schillers's report about suggesting an all-nostalgia issue some time in April. May I contribute my part as follows:

I began DXing in 12/30 at the age of 17. My first verie was from VAS, Glace Bay, N.S. My first distant verie was from KFI Los Angeles. When I got my first foreigner, XEW Mexico, I woke up all the family to hear it (about 2 a.m.) My first South American was YVIBC, Caracas, 960k. Later I received other distant South Americans like LR-5 Argentina, 830k, and LR-1-1070 PRFe Brazil, HJCCZ-710 Colombia, and other Colombians like HJHJ. Another thrill was receiving 1YA Auckland, New Zealand, which I received 18 times.

Another country received was Haiti-HHK-920, HEGM, and 4VGM-1470. HIX, Dominican Republic, 595k, was another country added. One of my greatest thrills in DXing was receiving KFAR-660 Alaska. On their verie they stated that my report was the only one from the States that year up to that time (2/19/51). KGU-760, Hawaii, TGV Guatemala, R. Swan-1160, ACA Canal Zone-790 and many Cubans, Mexicans, plus Puerto Ricans.

Back in the 30's and 40's when frequency checks were on, most other stations were off the air. Many Californians of 100 watts were received, besides Oregon and Washingtons. All these were received on Sears' Silvertones (a 6, 10, & 12 tuber), also a Grunow, Westinghouse, Hallicrafters S-38 and my present Hallicrafter S-40-B. Today's latest foreigner is WDR, Langenberg, West Germany, Europe.

One more thought. Low power stations were also received in the early days of DX, such as 10-AK (15w) Stratford, Ont., CFCT, British Columbia, (over 2,000 miles) at 50w; LOB3, Brantford, Ont. 10w, KO*AB, Saskatchewan, 25 watts. There were other stations with unusual calls like W9XEY (now KXBY) Kansas City, and WLXBS, Conn. I've enjoyed DX down through the years. Of course after receiving 2,811 stations it gets harder and harder to pick up a new one. Today it is much harder to pick up distant stations due to 24 hour stations, crowded frequencies, etc. but you do have more powerful radios and loop antennas. Up until about two years ago I only used a single wire antenna. 1YA was received on a single wire about 300' long, 30' high. Now I'm using an SM-1, single wire about 200' long, and a home made loop made by Harley Steward, another local NRCers.

I'm 64 years old (in March). I've been DXing 47 years and hope to reach 50 years of DXing in 1980. All above stations mentioned are verified.

Editor's note: Since there was no other response to Ron Schiller's suggestion of a nostalgia issue, we used Frank's contribution here.

NEXT ISSUE: WE HAVE A POEM BY JOHN CALLAHAN using CARROLL SETH, which was printed in the 4/36/58 issue of DX NEWS.

WE NEED MORE MONTHBALL MEMORIES!

HARRY J. HAYES - Star Route - Box 226c - Gouldsboro, PA - 17042

This should be my last Musing for this season, although I intend to do some DXing during the Summer, mainly GY stuff. I will be devoting a large part of my DX time from now until about October on FM DX. Best catch for this season should go to WAYX-1230 GA for reception on test on 1/17. Farthest stach would have to be Albania on 1394. A rundown of lste season DX follows. 3/16- WEMJ-1490 NH @ 12:30am, on late for LP gas tanker upset. 7:09 pm, St. Pierre & Miquelon-1375 in most evenings producing het. Cayman Is.-1205 in well on 3/19 @ 8:30pm. 10:53pm, tentative Albania-1214 w/AA talk. 3/21- 1:05am, WAKE-1500-IN-TEST. 2:02, WGBS-710 FL on ET during WOR silent period. 2:13, YVNO-740 "R. Maracaibo". 3:02, WKIG-1580 on r/c w/"Caberet". 3/23- 9:30pm, Morocco-818, tentative, fadey, good on peaks, w/chanting. 10:20 UnID-1088, too much WBAI slop made it unreadable. 3/24- WSVV-1570 VA w/s/off @ 6:45pm. 3/28- 12:33am, CFNB-550 breaking through WGR/NGNG slop w/c/w. 3/30 - WBPZ-1230 PA through clutter @ 2am. 4/1- 7:15, WDAK-540 GA w/outback at this time. 7:20, WDXN-540 TN especially good w/c/w when WDAK left. 4/2- 1:25am WMOO-1550 on ET using syndicated preacher excerpts. 1:29, WIRV-1550 KY on one of their ETs. 1:35, WSHH-1550 tentative on r/c. 4/3- 12:19am, France-944 tentative w/FF talk. UnID-818 w/FF, Andorra? Signals were very fadey like SW. 4/4- 1:50am, WIST-1240 NC or RS w/T-40. 2:40, KTOX-1000 tentative, station w/MoR & using CST. 4/6- 7pm, WARB-1580 strong w/s/off. This really punches through, now that it's .5kw. 7:05, WLIL-730 TN good signal. 7:14, WETS-810 fair w/WGY w/s/off, c/w. also a rocker way down, probably WSJC. 4/7- 2:21am, WDAK-540 coming through w/fine signal w/T-40, they musta forgot to switch their patterns this night. Columbus, GA, for only having weak stations, surely gets out! 4/11- UnID-1440 from SA or LA w/Cuban jammer off, "R. Pirente" or "Firente" very distinctive JX after each SS song, group SID folo by group scream. 1:48, WSIW-1440 IL ID on CC test, I really lucked out on this one. 2:50, XEOY-1000 w/boy giving "R. Mil" IDs after each record. There are so many "Mil's" here tha this can be a real DX challenge. 3:50, FFC network flourish heard on 1380 way down, CFDA? This one must really beam it! WAMS on AN RS also getting to be a pest. 4/17- 2:22am, WLAJ-630 KY Rea, "Lexington's Best Mx" u/WAL. WPRO seemed off. One final note, WFS verie was received here first week of April for 11/16/75 report - never give up!

VERIE SIGNERS

A - S. Waterman B - R. Musco We are trying a slightly different format in this column this time. Please let us know if you prefer this style. We now will show the first names of the signers, for we feel it gives them more "personality". We are using this smaller-size type machine in order to have room for the full names. On we go.

Table with columns for call letters, frequency, name, and address. Includes entries like WRIC-lm David Lawson, P, GM; WFRB-lm Robert Kerr, PD; WHEB-q Christopher W. Karb, CE; etc.

c - Typed or hand-written postcard.
f - Verie is a carbon copy or form letter.
h - V/s is a "ham".
l - Typed or hand-written letter.
m - station included a coverage map.
n - In native language of station when not EE-speaking station.
p - Station signed DXer's prepared card.
q - Verie is station's printed "QSL" card.

r - Verie was added on DXer's own letter.
u - Verie came as the result of a f/up.
v - Verie is vague
w - Verie is unsatisfactory.
No letter at all - DXer didn't specify.

VERIE SIGNERS

A - R. Lazar F - N. Zank O.K., back to our old style for the v/s column. We have substituted * for "1" to designate a v/l, for the letter & the number one are both "1" and therefore, confusing. Which way do you prefer?

Table with columns for call letters, frequency, name, and address. Includes entries like K WqM T Barry Walsh, CE; K F*R M u/u; K CuS J G. Daniel Thomas, CE; etc.

We thank you for your enthusiastic support of this column. Please keep sending the new v/s in, on a separate sheet from your Musings report, double-spaced, with the abbreviations we use here. List the frequency. Don't send in ones recently published!

Photos from two get together
in Atlanta and Provincetown.
At right, the first Atlanta
Area MW DXers session. Front
row, from left, Greg Poole,
Tom Davis, Milford Rogers,
Chuck Hutton, Paul Hart, and
Greg Hardison. Back row, from
left, Karl Jeter, Tom Storms
and Vern Shearer.

In photo below, at Ernie's
Provincetown get together,
are: front, from left: Warren
Greenburg, Curtis Engberg
and Glenn Cooper. Back, from
left: Ray Arruda, Ken
Chatterton and Ernie Cooper.

Top photo is by Vern Shearer,
bottom photo by Frank Bailey.



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