



DX NEWS

*the magazine of the
National Radio Club*

SINCE 1933

Volume 45, Number 24 Monday, April 17, 1978.

STATIC FROM HQ

Welcome to the new look DX News--we have changed all of the headlines and we hope you will like them. The new type gives us added flexibility to make special headlines for special features. There's also a good chance you'll be able to make use of our new heads shortly--stay tuned! Also, for those who did not think we'd make it, LPC is a year old and we're going (cough, wheeze!) strong. Once more let us mention when you write to headquarters please do NOT send postage, stamped self-addressed envelopes or the like. We are glad to answer you and we will pay the postage, so save your pennies, folks! There is some other news of importance from the business side of the club, but we've let Pat take care of it and you'll be able to read about it in We Get Letters inside this issue--look for it!

In the changes of address column--those with reports of International DX Achievements please note that column editor Norm Maguire is planning to say aloha to Hawaii shortly and requests that all column information be sent to him at 1406 Bryn Mawr Drive NE, Albuquerque, New Mexico 87106. We hope he likes the Albuquerque area again and it will be nice, Norm, to get through a winter without any weather from the Honolulu newspapers!

CPC TESTS

Monday, April 24 KNIX-1580 Tempe, Ariz. 0230-0330 EST will use 50Kw non-directional antenna. Test will be simulcast of KNIX-FM but will include special test IDs. Reports should be sent to Cliff Reno, engineer, KNIX Radio, Box 15040, Phoenix, Ariz. 85060. Please send your report to Mr. Reno's attention for a verie! Arr: Jerry Starr.

In other test news...headquarters got a phone call last week from Eddie (Tiny Tim) Ryan informing us that the general manager of KROW has left the station in an unknown direction by an unknown means, which means they did not show for their test and he says they will not test this season, although he hopes they will next season--sorry for the problems those of you who tuned in.

THEY JOINED

Welcome to these new members--please muse soon and introduce yourselves!

- Fred Bstandig, 1851 Linda Rosa Avenue, Los Angeles, Calif. 90041.
- Bruce Chituck, 1548 F Lovell Court, Patuxent River, Md. 20670.
- David Brower, 2603 Paseo Road, Colorado Springs, Colo. 80907.
- Harold V. Francis, 388 Cedar Street, Lisbon, Ohio. 44432.
- Alphonse B. Tobia, 5567 Magnolia Terrace, Fremont, Calif. 94538.
- E.H. Eisentraeger, 1110 Colonial Drive, Rockford, Ill. 61111.
- G. Sheehan, 25 Imperial Drive, Selden, N.Y. 11784.

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WE GET LETTERS

PAT HARTLAGE
NRC HEADQUARTERS
P.O. BOX 32125
LOUISVILLE, KY. 40232

CHUCK HUTTON tells us he blew the WXAP test address...it's 1655 Peachtree, Atlanta, GA 30309. The address listed was for another Atlanta station, WYZE.

BIG NEWS from John Callarman is that the typing of the Domestic Log is moving right along and we'll have copy ready for the printer in a few weeks. John will need a rest after he finishes!!!!

FRANK DAILEY tells us the Domestic Log has 60+ advance orders already. Also, we are now out of Receiver Reference Manuals and will soon be out of the Antenna Reference Manuals. Plans have been underway for some time to reprint these manuals after the Domestic Log is printed, but since they ran out of stock earlier than expected, they too will be printed in the next few weeks. Please bear with us if you placed a publications order recently, your order will be filled as soon as possible.

ONE OF OUR UNSUNG HEROES who gets little recognition, Karl Jeter, is having the Sunrise/Sunset Maps printed in Atlanta and will fill orders for these in the near future. Karl handles Reprints for NRC, processing over 2700 pages in the last two months! That's a lot of work and time. For information of our newer members, we in NRC owe a lot of thanks also to Ken Chatterton, who handles the mailing of booklet publications and in particular, the New Member book. Last, but not least, we can't forget Frank Dailey, who handles all the paperwork for Publications.

REPRINT LIST, completely revised, should appear next issue. We'll have some new aids to DXing offered. This will replace all prior listings and they will be obsolete.

A **DX TIP** was forwarded by Todd Hyder of Orlando, FL, telling us WOKB-1600 in Winter Garden, FL will be going on 24-hour operation the third week of April. Format is soul/R and B. Power will be 5 Kw with an E/NE - W/SW pattern. They will not test at night. Reports to Ken Mathison, C.E., WOKB, 1111 South Division St., Orlando, FL 32805. Reports verified only if requested; include return postage.

DX NEWS will appear next on May 1, followed by May 15 and June 12. Be sure to note that **DAYLIGHT SAVINGS TIME** begins the last Sunday in April, so GMT will change from 5 to 4 hours ahead of Eastern Time.

A **MARCONI TAPE**, described as a lavishly produced re-enactment of the story of Guglielmo Marconi and his invention of the wireless, is available from Communication Institute, P.O. Box 1207, Arlington, VA 22210 for \$6.45 (\$5.95 plus 50¢ shipping and handling each). These are cassettes produced by the Ivan Berg Associates of London. Any member purchasing one of these please let us know just how good they are.

THE FROG, the FRG-7 receiver by Yaesu is now being offered at a discounted price of \$245 plus shipping and 6% sales tax to California residents from Webster Radio, Inc., 2602 East Ashlan, Fresno California 93726. Out-of-state orders to 1-800-344-2198; California residents use 1-209-224-5111.

ANARC CONVENTION will be July 14-16, 1978 in Montreal, Canada, sponsored by Radio Canada International. Registration is \$12 plus a \$5 banquet fee. Dave Browne tells us all NRCers are welcome to the Annual All-Wave Radio Convention. He adds, "Montreal is a Great Place for a Good Time Vacation, Too!" Info from ANARC, 557 N. Madison Ave., Pasadena, CA 91101.

Now to the "I Goofed" Department.....

CORRECTION.....

ONE WORD can make a lot of difference, as I learned following a re-type of Thomas R. Sundstrom's "Tape Interconnect" article in the April 3 DX News. On page 9, in paragraph 3 I threw in a "not" which wasn't in the original copy. Please correct your copies to read as follows for the second sentence in the 3rd paragraph: "The shield should be connected between the end lug..."

MY APOLOGY to Jerry Starr and to the Membership for misfiling notice of the KXIV-1400 Phoenix, AZ test on March 6th. The test notice was not found until after the test date.

DOMESTIC DX DIGEST

RAY ARRUDA
47 BURT STREET
ACUSHNET, MASS. 02743
(617) 998-3958

KIRO verie is back for their Test and ranks with **OKIQ-1570** as the two best for this season, which is beginning to wind down fast. Tremendous support this issue, so let's roll.....

DX TESTS

- KIRO** - Heard by ROSS, RA, FD, BH, NH, ASL. Not heard by RJE.
- WXAP** - Heard by ROSS, JS, BA, RA, FD, DS, LVH.
- KPWS** - Heard by ROSS, RJE, LVH. Not heard by RA, FD.
- KPAR** - Heard by ROSS, DS. Tent. by RA. Not heard by PRM, JWB, RJE, FD.
- WAMB** - Not heard by ROSS, RA, FD.
- KRON** - Test of 3/6 not on and not noted by BH, LVH.
- WQBR** - Scheduled March DX ran 0007-0155, per DS.
- WKIE** - Not heard by RA, FD. **WORG-1580** - Not heard by RA.

PROGRAM SCHEDULE

- 1st Mon. **KGHL-790 (BH)**
- 1st Wed. **KNET-1450 (FO)** This is correct frequency.
- 1st Thu. **KEXG-1400 (FO)**
- 1st Fri. **KGRC-570 (FO)**
- 1st Sat. **KRGE-1340 (FO)**
- 2nd Mon. **KYOA-1490 (FO)** Third straight month, EX-1st Mon.
- KMZL-950 (BH)** EX-1st Mon.
- KQIE-1250 (BH)** Not heard, but has been 2nd Mon. past 2 months.
- KMZL-1240 (BH)** Not heard, noted 0300-0330.
- KRFI-1450 (BH)** EX-1st Mon.
- KVAD-1490 (BH)** Third straight month, EX-1st Mon.
- 2nd Sat. **WMB-1450** Not heard. (RJE)
- WNV-1450** Not heard. (RJE)
- 3rd Mon. **WMS-1240 (PRM)**
- WFSO-1450 (PRM)**
- WCON-1450** Not heard. (PRM)
- KPGR-1530 (JWB) (ERS) (DS)**
- WGR-1570 (DS)** Piano mx. & IDs every 2 mins. not TT.
- 3rd Tue. **WMA-1530 (RJE)**
- 3rd Thu. **WGR-940 (RJE)** **KVSH-940** Not heard. (RJE)
- 3rd Fri. **WGR-1270 (RJE)** 3rd Sat. **WMOS-1400** Tentative (DS) (RJE)
- 4th Wed. **WGSV-1270** Not heard. (RJE)
- 4th Thu. **KMM-1510** Not heard. (RJE)
- 4th Thu. **WGR-1600** Not heard. (RJE)
- 4th Sat. **KMM-960** Tentative. (BH)
- WQOT-1240 (DS)**
- KIML-1270 (BH) (NH)**



SPECIAL

- 1470 **WPAR PA FARRELL** - Recently lost a tower in a storm, reportedly operating HD at lower power, no change noted here. (JS)
- 1580 **WOLS GA OOLUMBUS** - 3/26 noted w/s/off & SSB 2358, to return 0500. No longer 24 hrs. (DS)
- 1630 **WHAT NY NEW YORK** - Latest call for pirate or approx. this frequency, P.O.B. address given in Staten Island. (ERS)

18 GIBBELL AVE. WOODBOCKET, N.J. 02895

1240 AM 106.3 FM

RADIO ANTHRACITE, INC.
ROCK & SUNBURY STREETS
SHAMOKIN, PA. 17872

W O N

WLAS
The Friendly Voice of the Hill
HILL, PA. 17042

KYW

RADIO STATION WCRJ
8900 PICKETTVILLE ROAD
JACKSONVILLE, FLORIDA 32205

SUNSET MIDNIGHT

570 CJEM NB EDMUNDSTON - 3/21 2230-2300 CBS OL ex. // CJBC-860. (MT)
 980 KUPI ID IDAHO FALLS - 3/19 2030 a/off following O&W ex. L&C o/EUTI & O&W. (NH)

1050 WRFS AL ALEXANDER CITY - 2/26 1829, armchair copy w/Rock & laid-back DJ, into a/off at 1835. (DD)
 WFSO NO FRANKLIN - 3/2 1840 surprisingly good w/local ads, PSMs a/off at 1845. Everytime I listen on 1050 I hear something new! (DD) All I get is WHEN! (RA)

KMIS MO PORTAGEVILLE - 3/2 1857, thought this was unu. KSIS until I played tape back. Good w/inspirational message & a/off at 1900. (DD)

1190 WOWO IN FT. WAYNE - 3/19 1740 good w/Pop ex. (DG)
 CHTN PEI CHARLOTTETOWNE - 3/19 2125 fair u/WOWO w/MoR. (DG)
 1200 WOAI TX SAN ANTONIO - 3/19 2030 poor w/UNID Venezuelan w/World Tomorrow. (DG)

1210 WCAU PA PHILADELPHIA - 3/21 2230 strong w/ex. (DG)
 1220 WGAU OH CLEVELAND - 3/19 2245 good w/T40. (DG)
 KVSA AR MOGHEEN - 3/17 good w/ads, Dale Jones announcing at 1915 w/off. (LVH)

1230 WMAF FL MADISON - 2/22 1954 poor w/much QRM w/a/off message, unusual a/off time. (DD)

1240 WERI RI WESTERLY - 3/19 2310 poor at 250W w/US Treasury Ad. (DG)
 WWD NY SCHENECTADY - 3/19 2240 poor at 250W w/ID, T40. (DG)
 KXLB WA ELLENBURG - 3/12 on top 2103 w/VA ex, into Pop ex till 4e ex at 2130. Good o/EUT/EPLI/KPRS. (NH)

1250 WTAE PA PITTSBURGH - 3/19 2530 good w/tlk. (DG)
 1280 KUDY WA SPOKANE - 3/9 2059 a/off weak thru KIT. (NH)
 1370 WTAB NU TABOR CITY - 3/21 1830 w/a/off, rare here. (MT)
 1380 WIZO TN FRANKLIN - 3/18 1900 ment. PM 100.1 & a/off with "The Waltz." (MT)

1390 WADA MO SHELBY - 3/26 noted 1829 w/wx then mention of power/pattern change, briefly o/WRAM. (DS)
 1410 WHAG MD HALFWAY - 3/26 1746 noted in WDOV null w/rr. (DS)
 1420 KGNB TX NEW BRANFORD - 3/20 2011 w/wx. (BJ)
 1430 WVAM PA ALTOONA - 3/26 1743 in passing, noted w/promo for "Joe Dinarde" wx, also ment. of 24 hrs....anybody know sked? (DS)

WQPD FL LAKELAND - 2/24 1859 fair to poor w/KEB game, many local ads, heavy WJRB QRM. (DD)

1440 WHIS WY BLUMFELD - 3/21 1828 "Spring Fling" Wards ad. (MT)
 1460 OKRB PQ ST. GEORGES de BRADON - 3/18 1951 FF pgs, ments. of St. Geo. Quest. (MI)

1520 WDSL NC ROCKSVILLE - 3/28 1817 atop following WORN a/off w/WKBY gone to ex. (DS)

1540 WIFM MO ELKIN - noted 3/28 1831 w/a/off, mention of FM. (DS) (DS)
 1550 WMOO AL MOBILE - 1855 3/28 way atop w/religious pgs, then a/off.
 WLUX LA BAYON ROUGE - 3/28 1905-1915 from weak to way atop w/religious ex, many promo's, then a/off by station GM, ments. owned by Jimmy Swegart. (DS)

1570 WFRL IL FREEPORT - 3/20 1947 a/u WOKS. (BJ)
 1580 WRDI NJ HAMMONTON - 3/17 noted 1822 w/farm info & stock ex, mentioning FM WRDR. (DS)

1590 WAJK IL GALESBURG - In & out 3/20 1944-1946. (BJ)
 1600 WNEU WY WHEELING - 3/4 1823 bowling tournament spot, ID. (MT)

MIDNIGHT IN MOSCOW

540 WDAK GA COLUMBUS - 3/13 BT/TT 0135-0148, ID. (JS) 3/17 0112 atop w/rr in SS null, rare at night in these parts. (DS)
 560 KLE CO DENVER - 3/15 w/ID, female announc, O&W at 0425. (LVH)
 WFIL PA PHILADELPHIA - 3/20 off for BT at 0102, lotsa O2. (ERS)
 WQAM FL MIAMI - 3/20 a/off right after WFIL w/Glory, Glory Hall-elajah. (NRB)

570 WNEU NC ASHEVILLE - 3/27 w/local WMOA off. End of Meet The Press at 0050, meditation, then 0053 a/off. No SES, a/on at 0500. (BA)

590 WFLO GA ATLANTA - 3/15 w/local ads, ID at 0440. (LVH)
 WOW NE OMAHA - 3/27 nice signal w/rr oldies show, on-air requests 0023-0029. (BA)

620 WARM PA SCRANTON - 3/27 BT/TT/00 0015-0030 t/out. (BA)
 WSON FL ST. PETERSBURG - 3/20 atop 0150 w/O&W, contest winner, and "62 SUN" promo, o/SS QRM. (PRM)

640 KFI CA LOS ANGELES - 3/25 w/*64 KFI* ID, then T40 u/OMQ at 0119 (finally after 13 years). (LVH)
 WOI IA AMES - 3/15 wx, ID then f/o at 0736. (LVH) What's f/o, Larry??? (BA)

670 WMAQ IL CHICAGO - Bot off WM 3/20 0225. (RJE)
 680 CFTL ON TORONTO - 3/16 w/T40, ID & contest details at 0225. (LVH)
 KNSR CA SAN FRANCISCO - 3/21 0410 o/u WMPB w/T40 ex. (BJ)
 WMPB TN MEMPHIS - 3/21 0408 good w/promo for "Phrase That Pays" contest. (BJ)

690 WYCK AL BIRMINGHAM - 3/19 0130 strong on BT w/O&W ex. (DS)
 710 WGRS FL MIAMI - 3/20 w/IDs at 0631. (LVH)
 CJRM ON NIAGARA FALLS - 3/6 0155 after two solid hours of trying, I was going to give up, and then a nice strong ID & national ad. (DD) 3/20 0331-0333 wx & ID surfaced during KIRO-DX, saw logging. (ROSS)

720 UNID -- ----- 3/20 0624-0634 w/TT u/ID/WX, no audio. Certain it wasn't WGN as they were heard w/Chicago wx. Ideas? (ASL)

740 WKIS FL ORLANDO - 3/6 w/SID, wx. u/UNID TT at 0236. (LVH)
 790 WMO TN MEMPHIS - 3/21 0351, "Memphis Country" ID. (BJ)
 810 WYRE MD ANNEAPOLIS - 3/27 0118 heard poorly w/ID & variety of ex. in passing frequency....ID mentioned conducting SE. (RA)

830 UNID -- ----- 3/27 0245-0247 someone keying lhrs TT w/MO, "H2" every 4 sec. good thru KIKI. Was it W000? (NH)

850 WNEU PA READING - 3/17 good o/WHDS w/MoR, local spots, wx 0511-0522. Best time is after 0500 a/on to hear this, sent w/1. (PRM)

870 KETH TX HOUSTON - 3/15 w/wx, ex, ID at 0750. (LVH)
 880 EJMJ TX FT. WORTH - 3/9 0911 w/SID, O&W ex. (FO) (LVH)
 900 KROE AR HARRISON - 3/4 0735 local ads, wx. (FO)
 WDET MS GREENVILLE - 3/16 w/"DDT" ID, then T40 at 0822. (LVH)
 OHML ON HAMILTON - 3/25 wx, ID, location & FM outlet at 0231. (LVH)

910 KAND AR CAMDEN - 3/20 ID then local wx at 0635. (LVH)
 KLOW AR BLYTHEVILLE - 3/4 a/on at 0700. (FO)

920 WJAR RI PROVIDENCE - 3/23 0118 good w/telstalk. (PRM)
 930 WBBH NY BUFFALO - 3/17 0533 fair thru partly nulled local WPAT w/wx, Manilow song. Also 3/24 0130, both times WPAT talking. (PRM)

WXY OK OKLAHOMA CITY - 3/6 0112 nice signal, little fading or QRM, EZ Rock ex & oco. local PSMs & ads. (DD)

940 WHII IL MT. VERNON - 3/16 0809, local ex, ad, ID/T40 u/WOPO. (LVH)
 KIOA IA DES MOINES - 3/25 0125, ID/T40 & ments. of 3hr. Oldies pgs. on Sunday. (LVH)

950 WWJ MI DETROIT - 3/21 0309 strong w/"Newsbreak 95." (BJ)
 960 KOOL AZ PHOENIX - 3/4 at 0542 w/"Oeal Radio 96" wx. (FO)
 KFVS MO CAPE GIRARDEAU - 3/16 w/WPI ex, ID/local ex @ 0804. (LVH)
 980 KOJZ LA SHREVEPORT - 3/15 w/Soul, local ad at 0757. (LVH)
 W08R OH DAYTON - 3/27 w/ID & local ex at 0340. (LVH)
 990 CBW MB WINNIPEG - 3/25 ID "This is the CBC in Manitoba" then ex @ 0200. (LVH)

WHOO FL ORLANDO - 3/27 topping WIED at times on BT/TT/00, VIDS & BIDS 0140-0156. (BA)

1000 WVOV AL HUNTSVILLE - 3/16 0755 w/promo, ID & Soul ex. (LVH)
 WXTN ME LEXINGTON - 3/16 0755 w/O&W/ID/local ex. (LVH)
 1020 WCIL IL CARBONDALE - 3/23 w/talk, then ID @ 0840. (LVH)
 1030 KTWQ WY CASPER - 3/13 good w/ID @ 0130, thought it was WBE test-ing at first. (JWS) 3/13 Super 5-9 plus signal 0150 with "Millions International" prm. to 0200 a/off followed by "We've got the spirit" jx, local spot then off, no SES. So loud, that it was WBE at first. (JS)

1050 KMIS MO PORTAGEVILLE - 3/4 @ 0658 a/on. (FO)
 CHUM ON TORONTO - 3/6 w/ads/ID/wx, then T40 ex @ 0257. (LVH)



50 CHESTNUT PLAZA, ROCHESTER, NEW YORK 14604

1460

1060 OFON AB CALGARY - 3/27 0300 started OFON nx exactly on the hour by using the OBS nx sounder from The U.S.! Beware of possible confusion w/U.S. CBS affiliates! (BH)

WNOE LA NEW ORLEANS - 3/27 w/rr, YL DJ IDing as "NOE" 0225-0242. Must have gone ND after 0214, as no sign of them then... almost un-nullable during copy period. (BA)

1070 WAPI AL BIRMINGHAM - 3/16 0730, nx/IDs in WDIA null. (LVH)

1080 KYMO MO EAST PRAIRIE - 3/23 w/20-20 Nx, ID/Q&W mx ments. of Charleston at 0940. (LVH)

WOOB GA MARIETTA - 3/4 0718 ads, ments. of "beautiful downtown Marietta." (FO) (ERS)

WTIC CT HARTFORD - 3/20 noted off @ 0130 check, KRLD heard w/Ae nx.

KRLD TX DALLAS - 3/20 was on 0230 blocking channel in WTIC SP. (RJE) 3/20 0604 fair w/KEPRs slop which was off frequency, 1089 or 1088. KNX no problem. (ASL)

1090 UNID -- ----- Heard o/u CKNW/KNWS 3/27 0220 w/relig. to 0228, then ID as "KWR_" (last letter phonetically D or G, both calls elsewhere in use), ad for limo service w/ph # 467-3985, ment. of So GA, PST TC @ 0230 & back into relig. pgm @ 0231. Format don't fit KNCR/KING/KEPRs... Help? (RJE)

EAAT AR LITTLE ROCK - 3/27 s/off @ 0201 o/"Take Five", all gone @ 0201 w/no SSB. (BA)

1110 KPAB NE OMAHA - 3/25 w/ID/TC/local nx, wx at 0130. (LVH)

1120 KMOX MO ST. LOUIS - 3/20 3rd MM not off 0215. (RJE) Believe they are MSP, not noted off in many moons. (RA)

1130 KNDU CA DINUBA - 3/27 0501 ID, MoR mx heard weak thru KLEI w/CKNW null. (NH)

1150 KSAL KS SALINA - 3/13 0700 noted w/ABC News. (ASL)

1170 KV00 OK TULSA - 3/20 0554 long time no hear this clear. Local PSA/Q&W mx, KCBQ off, apparently KLOK off, too. (ASL)

1180 WLDG IL JACKSONVILLE - 3/4 0709 local wx, -2 degrees. (FO)

1190 KHAD MO DESOTO - 3/4 0707 w/nx, local ads. (FO)

1220 OKWV ND MONTGOMERY - 3/20 0325 poor u/WGAR w/Pop mx. (DG)

WODQ CT HAMDEN - 3/17 good o/null'd WGAR w/rock, Terry Christopher DJ, full ID 0558, on early due to wx. New. (PRM)

1230 WERI RI WESTERLY - 3/17 fair w/promo/ID @ 0454. (PRM)

WINF CT MANCHESTER - 3/17 fair to good on Gary Arnell Show w/T40 in QRM 0444-0454, pest. (PRM)

1240 WWDW NY SCHENECTADY - 3/17 atop 0447 w/Bob Green Show/3WD ID. (PRM)

KQEN OR ROSEBURG - 3/26 0958 SSB followed by full s/on w/ID location & several ments. of "Queen Radio" then into 1000 AI nx. Rare here, but booming in this morning. (BH)

1250 KLAG AR LITTLE ROCK - 3/6 T40/IDs & mentions of Charleston & what sounded like nx. at 0557. (LVH) You might have had WTMA-1250 SO mixing w/KLAG Larry re: your ment. of hearing Charleston in your reception. (RA)

KYAC WA SEATTLE - 3/20 0534 w/wx & ID. (ASL)

WREN KS TOPEKA - 3/13 0603 w/ABC News, local wx/ID/ID followed by song "LeRoy Brown." (ASL)

1260 WNDR NY SYRACUSE - 3/20 0400 fair o/GIHI w/T40. (DG) GIHI-1260 is located in Frederickton, NB Dan. (RA)

1270 WSPR MA SPRINGFIELD - 3/17 0414-0437 good battling WXYZ, both w/rock, not usually this good this long. (PRM)

1290 WHIO OH DAYTON - 3/16 w/ID finally in WIRL fade at 0625. (LVH)

KVOA AR SILOAM SPRINGS - 3/17 w/local ads/ID w/WTOC at 1925. (LVH)

WTOC GA SAVANNAH - 3/17 w/promo, faded @ 1926. (LVH) 3/20 0045-0100, mostly atop w/automated Q&W/AM-FM ID on hour. WHIO was off til 0047. (DS)

1300 KROP CA BRAWLEY - 3/9 @ 0126 w/Q&W mx, ID. (FO)

WFBR MD BALTIMORE - 3/20 0420 fair w/T40. (DG)

1310 KPFB MO JOPLIN - 3/16 w/s/on annot. in mess @ 0630. (LVH)

1320 UNID -- ----- 3/13 0544 w/TT u/o KOPX, ideas? (ASL)

CPGM OH RICHMOND HILL - 3/17 0350 noted atop on new freq. (PRM)

1330 WFBO SC GREENVILLE - 3/16 w/ID/wx then T40 mx @ 0412. (LVH)

3/21 now T40 AN w/YL DJ, change log. (RJE)

WEVD NY NEW YORK - 3/21 0000 s/off announced as regular, change log. (RJE)

1340 OKLD PQ THETFORD MINES - 3/21 0000 IF nx & ID. (RJE)

KQIL CO GRAND JUNCTION - 3/9 0847 w/ad for "Freddie's Steak & Lobster House." (FO)

1350 WGAD AL GADSDEN - 3/17 w/T40 @ 2032. (LVH) Wrong section, WXOL IL PEORIA - 3/17 w/nx, ID @ 2033. (LVH) Sri...(RA)

UNID -- ----- 3/20 0350 TT heard faintly here, slop from local KGB-1360 too much for any ID. Bill Hardy: Could this be one of those LPRT's you mentioned? If I can ever catch KGB off, maybe I'll know! (ASL)

1360 KSOJ IA SIOUX CITY - 3/16 0641 w/ID & wx. (LVH)

1370 WFEA NH MANCHESTER - 3/7 0308 surprise of my life! Booming in for state #38, DJs called, and they were more surprised than I was. Several local PSMs and many good IDs/T40, think I'll start saving tapes w/this one. (DD) Nice catch Don, don't loose that tape! (RA)

1390 WROA MS GULFPORT-BILOXI - 3/6 w/T40/ID then Net nx @ 0358. (LVH)

1400 KBMI NV LAS VEGAS - 3/13 0535 w/Q&W mx...when did they change from all news. (ASL)

1410 KEYN KS WICHITA - 3/4 0600 noted w/new call. (FO)

1420 KUJ WA WALLA WALLA - 3/13 0525 w/nx/wx/ID, then mx. (ASL)

1430 KARM CA PRESNO - 3/13 0210, man from Nashville saying hello to all his friends listening to KARM. (ASL)

1440 KSGR AZ SCOTTSDALE - 3/9 0858 K-Sugar ID, oldies mx. (FO)

UNID -- ----- 3/23 0610 ments. "Packertown" (Green Bay??) (MT) If so, it could be WNFJ Mike. (RA)

1450 KONE NV RENO - 3/13 0201 w/nx/wx/TC/ID way down in graveyard hash (and that's not Graveyard Smash, Hi!) 3/20 0415 maybe this again w/spot for Stan's Coal Mine House & ID. (ASL)

KNOT AZ PRESNOIT - 3/20 0459 ID noted way down in mess. (ASL)

KLWV IA CEDAR RAPIDS - 3/13 on top 0225-0240, all talk w/ID & jx @ 0230, several ments. of "KLWV does it for you." (JS) (LVH)

1460 WFMT IL CICERO - 3/13 atop mess w/OL mx 0251-0303. (LVH)

WXOK LA BATON ROUGE - 3/6 ID/TC then faded, no KROW Test @ 0347.

KSO IA DES MOINES - 3/6 IDs & wx. @ 0130. (LVH)

1470 WMED IL PEORIA - 3/17 fair, fadey 0303-0308 w/CBS nx, local wx by YL/ID into talk, also 3/24 0200-0207 w/CBS nx, wx by YL, then Sound Of Your City Show, new, sent v.l. (PRM) 3/20 0408 ID given by YL annoy...mx/wx @ 0414, in good w/MoR mx to 0435 tune out. (NH)

1480 UNID -- ----- 3/20 0503 TT u/KWIZ null, couldn't get KWIZ down quite enuff to ID TT. (ASL)

1490 WARK MD HAGERSTOWN - 3/27 pried ID @ 0152, couldn't determine format. (BA)

WPOR ME PORTLAND - 3/20 fair/poor 0103 w/AM-FM mention, Q&W mx. W/WJT null'd slop, not heard since '75. (PRM)

1500 KSTP MN ST. PAUL - 3/6 0130 UPI pgm/wx/ID. (LVH)

WDEB MI DETROIT - 3/6 w/SSB, s/off u/KSTP @ 0130. (LVH) 3/17 fair/poor alone 0254-0300 w/Q&W/ID. (PRM)

1510 WLAC TN NASHVILLE - Now APR/NBC nets per nrcast 0200 3/22. (RJE)

WMEX MA BOSTON - Now MUT. net per nrcast 0200 3/22. (RJE)

1520 WKBW NY BUFFALO - 3/6 good signal w/IDs/T40 @ 0124. (LVH) 3/22 noted off 0223-0237 plus. (RA)

WEXY IL OAKLAND PARK - 3/27 ET/TT/ID @ 0012 in brief WKBW SP. (FD)

**** ----- 3/20 guess who was ETing again still playing "Fox On The Run" ? (ERS) WTTI?? (RA)

1540 WR0P PA PHILADELPHIA - 3/23 on ET/TT per call 0010-0041. (PRM) 3/29 0209-0217 ET/OC w/ID @ 0214 o/WPTR/KXEL, has been ETing often the last two weeks in March. (RA)



INTERNATIONAL DX DIGEST

CHUCK HUTTON
1035 LATHAM ROAD
DECATUR, GA. 30033
(404) 633-1198
(BEFORE 2300 ELT)

Times are GMT. For ELF subtract 5 hours. Deadlines are usually Monday.

- 1550 WM00 AL MOBILE - 3/20 0707 PSA/wx/10a/ID & relig. mx. (LVH)
- 1560 KQ30 WA HOQUIAM - 3/6 0305 BT/RR/frequent IDs/jx. Testing many MM's lately off/on 0300-0900 & could get out well to Midwest. (BH)
- KPMO CA BAKERSFIELD - 3/13 1st good WQ opening this yr... heard well @ 0115. (JWB)
- WBKO OH CHARDON - 3/19 0100-0115 plus, BT w/oldies, very loud, female VIDE. (DS)
- 1570 CPOR ON ORILLIA - 3/5 ID/T40 wiping out XERF @ 2355. (LVH)
- 1580 KRZI TX WACO - 3/6 ID mixing w/KLOU w/T40 mx @ 0040. (LVH)
- KLOU LA LAKE CHARLES - 3/6 ID/T40 mx @ 0040. (LVH)
- W227 FL FT. LAUDERDALE - 3/20 good w/alternating Rock & nx, DJ, Al DeAsisco, "Surf 16" promo 0221-0230. (FRM)
- 1590 UNID -- ----- - 3/17 0003-0010 IT noted w/WQIQ/WAKR/WQW, is the WERA f/c still a good one? (DS)
- WDSH PA HONESDALE - 2/7 o/WAKR on snow emerg. 0000-0030. (JWB)
- 1600 KCR3 IA CEDAR RAPIDS - 3/20 0216-0226 loud on BT/00 w/IDs @ 0218 & 0225, both were SIDs, w/o/WBUP, report sent. (HA)

3WD SCHENECTADY'S
RADIO
422 LIBERTY STREET
SCHENECTADY, NEW YORK 12308

WFIF
COLONIAL BROADCASTING CO. INC.
MILFORD, CONNECTICUT 06460

Welcome to all new reporters.
A great column this week thanks to the following.....

- BA Bill Andres, Richmond Hill, NY
- JWB Joe Brauner, Punxsutawney, PA
- FD Frank Dalley, Preston, OT
- DD Don Davis, Warner Robins, GA
- RJE Russ Edmunds, Kinnelon, NJ
- DG Dan Goodlett, Berlin, GERMANY
- ROSS Ross Hansch, Madison, WI
- BH Bill Hardy, Aberdeen, WA
- NH Nancy Hardy, Aberdeen, WA
- LVH ~~LETT~~ Van Horn, Brighton, TN
- BJ Bob Jinkerson, Jr., DeSoto, MO
- ASL Albert S. Lobel, San Diego, CA
- PRM Paul Mount, Teaneck, NJ
- FO Forest E. Osborn, Hooker, OK
- DS Dave Schmidt, New Castle, DE
- JS Jerry Starr, Hubbard, OH
- ERS Elliot R. Straus, Clark, NJ
- MT Mike Tuggle, Bel Air, MD
- RA Ray Arruda, Cush Net, MA

- 1953 Zenith, dual exhaust
- HQ-180, SM2, LW
- SI-76, FET Loop
- HQ-150 4' AA FET Loop
- RF-2200, SM2
- HQ-180, ERG Loop
- HE-30, SML
- HE-30, SML
- DX-160, LW
- GE Port. HQ-180
- DX-150A, Sanserino Loop
- TRF, SML
- HQ-150, SX-99, Loop, SM2
- Gong Show Deluxe, Bathtub 5
- HQ-180, Looped
- R 390A, HQ-180, Altaz Loop
- X-tal Set, 500 mile LW
- SX-122, Bathtub 6 (w/tilt

Think I'll go hang around my mailbox and wait for some more reports to come in!

At long last, the luxury of typing the column at home. You'll never know just how much of a pain it is to type up a three hour column after work in a deserted office, tired and hungry. Just in the nick of time, too, judging from the stack of contributions for this issue. Therefore, onward to the goodies. . . . PM's from Hardester in parentheses. . . .

- 164 FRANCE Allouis 2/12 0410 FF/pop ~~mx~~ and male vocalist. 2/25 0540 FF/early AM talk and mx. 3/12 0130 FF lite mx, female vocalist. (Jones)
- 180 WEST GERMANY Europa One, Saarlouis 2/12 0305 FF/mood mx. (Jones)
- 200 ENGLAND Droitwich Radio Two 2/12 0440 EE/musical V ID sig w/s/on 0445, then BBC News and early AM mx. (Jones)
- 209 MOROCCO Azilal 2/13 0500 AA ~~of a w/NA, mx~~ and mideast mx. 2/25 0515 AA news and Mideast ~~mx~~. 3/13 0230 AA/mideast mx, female vocalist. (Jones)
- 218 MONACO R. Monte Carlo 2/12 0425 FF/early AM mx and nx, female vocalist. (Jones)
- 227 POLAND Warszawa One 2/12 0415 Polish pop mx, male and female annrcs, "GGGE" beacon ~~QRM~~. Second time hrd this season. (Jones)
- 530 AUSTRALIA Kempsey 2KM fair to xint 1000-1030 3/23 w/r mx, interviews, and DJ w/thick DU accent. Frequent "2KM" voice and singing ID's. (Tomer)
- 540 COLOMBIA HJKA Emisora Horizonte, Bogota, ID at 0300 and continuous pop mx 3/26. (Objio)
- 548 ALGERIA Oran fair to good w/man in AA 0142 3/19. (Connelly)
- 548 USSR Siberia 1236-1305z. Strong as KMVI, no ~~QRM~~. (Maguire)
- 550 JAPAN JOAP Naha w/ID and s/off annc 1500 (midnight local) on 3/23. First time noted w/local ID. Into 2 instrumental numbers and off. (Hardester) (550.000)
- 555 ST. KITTS Basseterre ZIZ good w/calypso ~~mx~~ 0141 3/19. (Connelly) 2/20 0125 EE/pop mx, femme vocalist. (Jones)
- 560 JAMAICA Kingston JBC Radio One with news before the hour by male speaker. ID at exactly 0000 and then female speaker. All EE. 3/26. (Objio)
- 570 VENEZUELA YVLX R. Rumbos, Villa de Cura 3/17 0220 SS sports event, dominant on channel in auroral cx. (Jones)
- 575 USSR Siberia 1115-1200z. (Maguire)
- 584 USSR Svobodnyy 3/6 1314. Fair carrier, no audio. Fifteen minutes earlier there was no sign of TP's, then stuff like this started turning up. Carriers on 782 and 785 also noted as well as usual powerhouses. (Hall-Patch)
- 595 DOMINICA Roseau vy good, as usual, w/pem in EE 0005 3/26. (Objio)
- 600 COOK ISLANDS ZLIZC Raratonga 1146-1215z 2/20. (Maguire)
- 611 SOUTH KOREA HLSA 1200z, KGMB came back on, curtains! (Maguire)
- 611 MOROCCO Sebaa-Aioun loud w/AA group vocals and male solo vocal 0140 3/19. (Connelly)
- 620 NICARAGUA (tentative) 3/20 this one again on a MM w/"R. Futura Nacional de _____" ID 0650, instrumental mx, mixing w/WHEN, WSUN, local WVNJ off. (Mount) What you are hearing is "Radiodifusora Nacional de Nicaragua" per your tape-CH
- 620 PHILIPPINES DWWW Quezon City noted 3/21 1000-1025 w/Tagalog by man. Full ID on hour; spots for San Miguel beer, Marlboro, and Dutch Cleaner. Fair signal. (Hardester)
- 630 BRAZIL 3/20 0604-0704, no ID but many jingles, all ending with "buenos cadena", in between each break. SS mx and EE disco. WRTH has 7 Brazilians here, possibly one of ~~the~~ 2 10 kw outlets. "Noticias Brazil" mentioned at 0700, following nx jingle- instrumental version of all the other jingles. Back issues of IDXD reveal nothing here. (Andres) Sounds like you had SS, not PP here. It's quite common to here SA stns carrying nx headlines for other countries, so I suggest you had one of the SS LA's-CH

- 638 SPAIN (tentative) poor signal w/fragmentary mx 0035 3/19. (Con)
- 640 CUBA Havana CMQ 3/24 ID at 0100 EST, fair to good. (McAbee) CM is used in LKXQ, Hill-CH
- 640.4 GUATEMALA TW La Voz de Guatemala 3/29 at 0225 w/poor ID. (Hutton)
- 647 USSR Inan 3/6 1304. IP noted here w/PPM of 647.002, 2 Hz error. Audio was just at noise level and often covered by KFI splat. First IP in quite a while. (Hall-Patch)
- 650 DOMINICAN REPUBLIC HIAT R. Universal, Santo Domingo w/speaker David Santanaria M. trying to break the world record as disc jockey of continuous work in front of a microphone of 113 hours (?) in the long weekend of the Holy Week, and because of this the stn is in continuous operation w/different kind of mx. (Objio)
- 650 HAWAII KOKL Honolulu 3/20 at 1036 noted stn ID by male announcer while passing over this freq, poor sig. (Nelson)
- 655 EL SALVADOR YSS, R. Nacional I suppose, man and woman talking. CI mx at 1046, long CI mx selections w/anncts in SS but no ID, looping CA. WRTH says San Salvador a/on time 1100 hours, but if not they who could it be? Several LA musical selections followed. (Nelson) I've heard YSS on early-that plus the CI mx would seem to indicate YSS-CH
- 655 NORTH KOREA R. Pyongyang poor to fair audio w/YL in KK 1310 3/6. (Hall-Patch) Pyongyang fair w/the KK YL at 1315 3/24. (Tomer)
- 660 MEXICO Mexico DF XEUPM noted w/guitar mx, "musica del buen gusto" ID 0640 3/26. (Tomer)
- 660 NEW ZEALAND Wellington ZYC weak w/classical mx heard at 0907 3/27; //1YZ 880 but weaker. (Tomer)
- 665 USSR (tentative) Komsomolsk-na-Amure 1431 3/12. Fair to good carrier but no audio. Also weak carrier 3/13 1233. (Hall-Patch)
- 670 CUBA CMQP San Pedro de Cacocum, long organ selections with almost no anncts. In the clear and loud at 0805. SS anncts at 0806 by woman. KBOI carrier on all this time. (Nelson)
- 690 COLOMBIA La Voz de Colombia HJCE, Bogota w/pop mx and ID at 0246 on 3/25 after R. Guarachita s/off on Good Friday. (Objio)
- 700 AUSTRALIA Grafton ZNR fair thru XETBA slop 0850-0855 3/27 w/discussion of Australian sports. (Tomer)
- 700 CHINA Nanjing noted in the clear w/CC opera 1322 3/24. (Tomer)
- 700 COLOMBIA HJCK R. Sutatenza, Cali, w/"musica para el Viernes Santo" at 2348 on 3/24. (Objio) 2/20 0030 dominant o/WLW w/local pop mx. (Jones)
- 700 JAMAICA Montego following a long swing of mellow jazz tunes, anchr w/British accent hyped ticket sales for a sports match between Australia and Jamaica, Kingston address given. 0415-0430 3/20. Hockey on weak WLW helped it through. Ctry @ 30. (Renfrew)
- 700 JAPAN Kitami/Hiroshima JOKD/JOFB synchro mixing w/the CC at 1330 3/24; had JJ talk. (Tomer)
- 700 now comes to an end-CH
- 705 ST. VINCENT R. St. Vincent, Kingstown 2/20 0040 EE/political commentary on social progress and young people. (Jones)
- 710 PUERTO RICO WKJB Mayaguez pop mx at 2244 on 3/23, vy good. (Objio)
- 719 PORTUGAL Norte poor-fair w/CI mx. (Connelly)
- 720 CUBA QWGN R. Rebelde w/full ID at 0400-no sign of WGN 3/20. (Renfrew)
- 720 VENEZUELA YVOE R. Vision Oriente, Port-au-Prince, pop mx and ID at 1524 on 3/25. (Objio)
- 725 COSTA RICA San Jose TILX, R. Columbia. Following a long slogan about being number one across the country, a deeply announced "Radio Co-LUM-bia". Many commercials between long fades 0330-0345 3/20. Previous night, unid SS sports event. No sign of SRS either night. (Renfrew)
- 725 SURINAM Paramaribo SRS 2/20 0045 Taki-Taki/CW mx. 3/27 0210 local pop mx. (Jones) Smashing in like a local; soul and disco mx w/EE vocals 0033 3/19. (Connelly)
- 730 MEXICO Mexico City XEX 3/27 at 0450, poor behind CHIR, Learnington Ontario. (McAbee)
- 735 ECUADOR HCOBI R. Melodia, Quito 2/20 0050 LA pop mx. (Jones)
- 740 AUSTRALIA Sydney ZBL probably the source of a comedy record heard at 0950 3/27, followed by DJ accented EE talk, then a MoR vocal. Fair signal briefly. (Tomer)
- 745a CUBA unid off frequency job really scolding 750 w/had hat. // to R. Liberation on 630 and 640, so hopefully QJL 740, my closest unheard Cuban. Had a drama or a play from 1445-1500 ID. (Andres) Q/AQ has been a wanderer in the past, maybe then. I'm not likely to find out w/458 a mile away however ... CH
- 747a CUBA R. Liberation 0452 3/13 fair to good sig from 0440 w/jazzy 40's mx and R. Liberation ID at 0452. Don't know who was drifting- Judging by signal strength maybe Q/AQ Pinar del Rio which WRTH (747, continued) 78 lists as 30 kw. FFM 746876, 1 Hz error. 0400. Not noted 3/15, 3/16 between 0400-0600. (Hall-Patch)
- 750 AUSTRALIA (tentative) Toowoomba 4QS possibly the source of weak piano mx heard w/JOIB 1321 3/24. (Tomer)
- 750 JAPAN Sapporo JOIB w/good sig and JJ CH 1318 3/24; "Nippon Hoso Kyokai" ID at 1320, then alternating JJ/EE. (Tomer) 1206 3/13 noted w/CH in JJ, nil to fair sig. (Hall-Patch)
- 750 VENEZUELA YVKS R. Caracas, Caracas complaining for lack of water in the capital at 1527 on 3/25, then pop mx. (Objio)
- 755.5 UNID thought this was TVI until I heard SS talk under BFO whistle 0428 3/11. CM in SS, bits of mx, more talk, none of it pointing toward an ID. Faded out by 0434. Plenty of QRN. (Hall-Patch) It's TIRA, R. America Latina-CH
- 760 COLOMBIA HJAJ Barranquilla, La Voz de Barranquilla 2/20 0135 mx commentary. (Jones)
- 760 GUYANA R. Demerara, Georgetown vy good w/mx in EE beginning at 2300 on 3/24. (Objio)
- 760 VENEZUELA YVQK R. Puerto la Cruz, Puerto la Cruz, w/pgm "Variedades Musicales", ID at 0018 on 3/26. (Objio)
- 764.8 SENEGAL Dakar vy loud w/African blues-rock (guitar and male vocal) 0030 3/19. (Connelly)
- 770 JAPAN Akita JOIB in w/potent, needle-pegging signal 1325 3/24. Had EE lessons at the time. (Tomer)
- 770 VENEZUELA YVKK R. Nacional, Valencia w/beautiful local songs by female singer and orchestra, ID at 0015 on 3/26. (Objio)
- 780 BRITISH VIRGIN ISLANDS heard vy well w/mx at 2235 on 3/23 on the long wire, in EE. (Objio)
- 780 JAPAN Mororan JOIU weak 1333-1343 3/24 w/JJ talk, singing. (Tomer)
- 780 NEW ZEALAND Dunedin 4YA weak at 0935 3/27 w/mellow jazz mx //1YZ 860. (Tomer)
- 782 USSR (tentative) Spasak Dalmiy 1417 3/12 faint orchestral mx slipping thru on strong carrier at this time. (Hall-Patch) weak w/big band type instrumental 1335 3/24. (Tomer)
- 785 NORTH KOREA location unk weak-fair w/EE talk 1335 3/24. (Tomer)
- 790 COLOMBIA HJBN R. Atalaya Bucumaranga heard ID'ing at 2300 and then mx. Said to be in operation on an impossible frequency of 800. (Objio)
- 810 COLOMBIA HJCY R. Sutatenza, Bogota 2/20 0115 news pgm. 3/16 0145 pop mx by female vocalist. (Jones)
- 818 MOROCCO Rabat poor-fair w/TVI; AA talk noted at 0044 3/19. (Con)
- 818 ANDORRA/MOROCCO La Vieja dominant and very loud, the best ID at the time w/rock then WF talk. Rabat well under w.man in AA //827 0526 3/19. 818 was really giving WRAP 820 a hard time. (Connelly)
- 820 CUBA QMCA R. Metropolitana, Havana xint w/ID by female 0020 3/30, not a trace of Colombia or WRAP at the time. (Hutton)
- 825 PANAMA Caracas HOR56 R. Peninsula noted yet again 0514 3/15 w/EST ID and ID by CM. Has this hiked power? No sign of Titania at this time. (Hall-Patch) San old occasional signal here-CH
- 827 MOROCCO Oujda in w/big sig, man and woman in AA //818 0530 3/19. (Connelly)
- 830 HAWAII Honolulu KIKI poor to good w/740, 7:05 TC, and ID 0505 3/16. This only a few minutes after local sunset. Soft mx on 870 null of WWL at this time may have been KAIM. (Hall-Patch) Very loud, in the clear with the usual rcr noises 0641 3/20. (Nelson)
- 830 JAPAN Osaka JOBB 1425 3/12 noted playing Muddy Waters' "Rolling Stone" (never heard that on domestic radio) then CH and YL in JJ. (Hall-Patch) Good sig w/EE lessons //750 and 770 1336 3/24. (Tomer)
- 830 VENEZUELA YVLT R. Sensacion, San Antonio de los Altos ID at 2214 on 3/24 pop mx and ID between records, w/HJJE off for the Holy Week. (Objio)
- 835 CHINA Nanchang vy weak at 1337 3/24 w/CC YL talking. (Tomer)
- 840 JAPAN/SOUTH KOREA both stns mixing w/equal strength at 1338 3/24 w/CC YL talking. (Tomer)
- 850 GUATEMALA TIX R. Ciro's, Guatemala City mariaba mx and singing until 1021, then exotic bird sounds and songs-- is this the quetzal bird? (Nelson) No idea-CH
- 850 NETHERLANDS ANTILLES R. Curon, Willemstad, Curacao heard at 1515 on 3/25 w/ads for a Venezuelan bank and others, not heard in the evenings due to stronger signals by R. Impacto, Valencia, and Emisora Nuevos Mundo, Bogota. All pgm in Papiamentu. (Objio)
- 850 NORTH KOREA loc unk, fair w/ the KK YL 1448 3/24 o/KD/C. (Tomer) Children's chorus singing, women anchr. In/out w/TEK mx. 1022 3/20. (Nelson)

12
850
860
870
880
890
895
910
914
920
930
940
944
950
960
960
980

UNID's 1000 hours on, a veritable graveyard here. Sounds like 6 or more stations, mostly LA's, nearly all too faint to identify. A fascinating mess. (Nelson)

BRAZIL several times during the Holy Week have heard a station here speaking in PP, some ads and pop mx, but no ID was heard, but most surely it was R. Mundial, Rio de Janeiro. Last time hrd was 0020 on 3/26 o/other stns. (Objio)

NEW ZEALAND Roturoa IYZ in w/jazz //780, fair signal at 0935 3/27. (Tomer)

NICARAGUA Managua YNAV Cadena Continental w/good ID 0500 3/27 just as the WXAP test started. (Hutton)

PANAMA R. Reforma, Chitre, heard ID'ing at 0315 on 3/25 over some other unid stns. (Objio)

JAPAN Kumamoto JOGB ultra loud at 1340 3/24 w/EE lessons. (Tomer)

PUERTO RICO WHOA Hato Rey w/pgm in EE, ID 2318 on 3/24. (Objio)

AUSTRALIA Brisbane 4BH fair at end of EZL selection w/TC and "4BH, beautiful mx" ID by OM, then a whole string of commercial spots. Hrd at 1049 3/23. (Tomer)

GUATEMALA TGJ Guatemala City marimba mx, male anncr w/frequent mentions of Guatemala, at times atop KRVN, well heard on TRF portable. Common most evenings behind KRVN. (Nelson)

JAPAN Shizuoka JOPK mixing w/the KK at 1342 3/24; had 2 YL's talking in JJ, NHK1 pgm. (Tomer)

NEW ZEALAND auckland IYC fair 0900-0905 3/27 w/cl mx; //660 but with stronger signal. (Tomer)

SOUTH KOREA Taejon HLKH fair w/talk at 1342 3/24. (Tomer)

MONTSERRAT ZJB Plymouth 2/20 0100 EE/island mx, this is a new country. (Jones)

HONDURAS Tegucigalpa R. Honduras o/WLS at 0445 3/1. ID at 0500 mentioned R. Honduras and Tegucigalpa. Had EZL mx. Used theme from "Love Story" and "Exodus" during anncs. First time I've seen this reported, Schatz had it as 880 in his "Banana List". (Keeney) They were on 880 last year, apparently have just moved. I logged HRU R. Centro on 860 right after the list appeared with it on 850, so the broadcasting situation down there must still be very changeable-CH

VENEZUELA YVLW R. America, Valencia w/sport mx and ID at 2308 on 3/23. (Objio)

HAITI vy weak stn w/male speaker in Creole, no ID either heard or understood at 0030 as it was too weak, but probably R. Artibonite. There is a mistake in WRTH 78, page 431, R. Nouveau Monde is not on 895 but on 910, but not heard at the time. (Objio) Hold it-R. Nouveau Monde is on 895 and has been heard well by many-CH

HAITI 4VRMN R. Nouveau Monde, FF 2/20 0105 soul mx and local pop mx, good signal. 3/17 0155 FF/local pop mx. (Jones)

PUERTO RICO WPRP R. Ponce w/mx til 2334 on 3/24 then pop mx. (Objio)

SURINAM heard a stn here with Hindustani mx at 2330, a speaker was heard but did not understand a thing, I think it is R. RANI in Paramaribo, if it is first time to hear it, very strong for listed 1 kw. No tape, 3/23. (Objio) P2X RANI R. Nickerie 2/20 0055 DD/local pop mx-this is a new one, also transmits in Hindi. (Jones)

COLOMBIA HJAE Emisoras Fuentes, Cartagena, pop mx and ID at 0321 on 3/24, but their clock was on 10:27. (Objio)

MONTSERRAT R. Antilles always very good day and night, with pgm in EE at 1535 on 3/25, R. Maracay was heard underneath. (Objio)

MEXICO Naco XEIM presumed location 3/20 at 1100. WRTH lists this stn on 1350, but clear ID indicates they have moved. Any comments? (Nelson) On 1350 in 78 WRTH, nothing close on 940-CH

CUBA QMHF Cienfuegos, "Dobleve" fair 3/30 at 0003 before domestics accumulated, //840. (Hutton)

HONDURAS Tegucigalpa HRYW R. Panamericana vy good 3/27 at 0400. WRTH continues to list this on 945 in the freq section and 950 in the country section, but they have been on 944.0 for years. (Hutton)

VENEZUELA YVKG R. Vision, Caracas with TC 2 minutes fast, announced 7.44 at 2342 on 3/23, pop mx. (Objio)

NETHERLANDS ANTILLES R. Victoria, Oranjestad, Aruba ID at 1630 on 3/25 and starts newsreel in EE. (Objio)

NICARAGUA YNLU R. Managua 3/25 from 0353 to 0403 with a series of fair ID's, all of which I astutely missed with the taper. Not heard since their split channel days. (Hutton)

VENEZUELA YVQM La Voz del Tigre, El Tigre ID at 2240 on 3/24 w/recommendations to drivers on the road not to drive so fast. (Objio) Why, they losing too many listeners?-CH

990 CUBA CMAS R. Cuama, Pinar del Rio good when up, inaudible when down 2315-2337 3/30, //1010, 1020, 1030. (Hutton)

990 PUERTO RICO WPRM Mayaguez vy good w/ads 2336 on 3/24. (Objio)

990 VENEZUELA YVRT R. Tropical, Caracas w/pop mx u/WFRA at 1538 on 3/25. (Objio)

1000 NEW ZEALAND? tentative, weak DU accented EE talk noted at 0856 3/27, probably was 12D, Tauranga. (Tomer)

1000 VENEZUELA YVNM R. Mil, Moron, ID as "R. Mil, una emisora popular pero con categoria" 2349 3/23, then pop mx. (Objio)

1005 COLOMBIA HJJR R. Colosal, Neiva heard relaying La Voz de Cali with mx, easy to make a mistake here. (Objio)

1010 COLOMBIA R. Mil Veinte HJCC, Bogota ID at 2347 on 3/23 after that an ad for Turbay President, then pop mx, this frequency is always occupied by R. Comercial, so difficult to log. (Objio)

1010 MEXICO XEVK Torreon, Coahuila 3/28 1205-1215 w/possibly finish of s/on including "2001" theme, call letter, and R. Felicidad ID. Into ranchera type mx, lost to KLRA power boost at :15. Fair sig over the mud this morn. (Zank)

1015 UNID maybe YSC, man in SS then mx fair o/1016 het, slogan sounded like "Oriente". 0458 3/19. (Connelly)

1016 USSR Baku 1831-1900 w/RR pgm; Moscow IS and ID on the hour. Mixing w/unid AA like stn (Turkey?) w/Koran like prayers (?) on 1016.008. This on 3/24 w/Beijing 1020 QRM. Both stns alternated in peaking for about five minutes each w/maximum of fair signal. Freq 1015.988. (Hardester)

1010 NETHERLANDS ANTILLES R. Hoyer, Willemstadt, Curacao rarely hrd as always occupied by R. Comercial. Program in Papiamento, ads at 1532 on 3/25. (Objio)

1020 VENEZUELA YVRS R. Margarita La Ascuncion ID at 2352, ads and pop mx. Also herad R. Calendario in Maracaibo on the same freq with a move of the loop. (Objio)

1030 COLOMBIA HJER R. Pacifico, Cali w/pgm "El Mundo de la Politica" interviewing presidente candidate Julio Cesar Turbay Ayele, ID'ed at 0102 on 3/26. (Objio)

1030 MEXICO XEQR Mexico DF R. Centro noted after laid back vocal mx 0520 3/16. KTWo not heard at this time but back in strength in half an hour. (Hall-Patch)

1030 SOLOMON ISLANDS Honiara VQO nil to xInt w/native mx and native man talking 0913-0958 3/27; fade across the hour, then at 1010 EE talk was noted, then TC and "SIBS Radio" ID, then more native mx that sounded similar to that heard on Tarawa 844. All this quite // to 5020 SW. (Tomer) Today Solomons, tomorrow Wake Island-CH

1035 HAITI 4VEH Cap Haitien as a local stn w/pgm in EE 0014 on 3/24. (Objio)

1040 COLOMBIA HJAI R. Tropical, Barranquilla pop mx at 1547 on 3/25. ID by female speaker and well known Guadalajara Mexican mx. (Objio)

1040 CHINA Changzhou strong sig 1420 3/24 w/JJ talk. (Tomer)

1040 HAWAII Honolulu KPOI "K-Poy 100" ID noted after Van Morrison song. Fair steady sig 0530 3/16, some CFAX 1070 splat but no WHO. Earliest ever for this one. Gobe at 0625 recheck. (H-Patch)

1040 SOUTH KOREA Chunchon AFKN 1913-1930 w/big band sound pgm by man on 3/24. Military promos. Good lefel w/slight fading. Beijing off, freq 1039.994. (Hardester)

1040.5 CUBA QMKW R. Mambi, Santiago de Cuba poor 3/24 at 0100 w/several ID's. Heard last summer on 1057. (Hutton)

1050 PUERTO RICO R. Iniciativa WGBB, Juana Diaz w/ads for banks, supermarkets, etc. at 1545 on 3/25, also pop mx. (Objio)

1050 VENEZUELA YVNO R. Caroni, Puerto Ordaz, w/nx and pop mx, ID at 0023 on 3/24. (Objio)

1070 DOMINICAN REPUBLIC HIBI Radio, San Francisco de Macoris, surprised to hear this stn w/pop mx on the Holy Week, Saturday, at 1551 on 3/25. (Objio)

1090 PANAMA HOL82 R. Libertad, Colon fair/poor w/ID and freq 3/27 approximately 0941 on remote tape rolled earlier for the KNWS test. (Hutton)

1090 VENEZUELA YVZS Exitos Mil Noventa, Caracas vy nice 3/27 at 1000 w/ID. (Hutton) pop mx, ID at 0040, record w/Paul Anka. (Objio)

1091.7 COLOMBIA HJAW La Voz de Monteria, Monteria at 0056 on 3/24, pop mx almost without speaking between records, variable from 1080. (Objio)

1100 ANTIGUA ZDK St. John's local mx w/chorus at 0100 3/24. (Objio)

- 1110 COLOMBIA HJEW R. Reloj Caracol, Cali, just pop mx ID at 0107 with that slogan, on 3/24 and by just turning the loop came in WBT Charlotte as a local station. (Objio)
- 1110 VENEZUELA YVQT R. Carupano, Carupano, ID at 1606 as "R. Carupano, la Onda de los Exitos" on 3/25 and pop mx. (Objio)
- 1130 COLOMBIA HJAC Emisora Rio-Mar, Barranquilla relayline La Voz del Rio Grande, Medellin 910 khz, w/Noticiero Todelar at 0020 3/25. (Objio)
- 1130 PHILIPPINES DZXL Manila, (not DWXL as per 78 WRTH) w/Tagalog talks by man on 3/22 0953-1013. Pop mx and Tagalog/English ID on hour. Fair w/QRM de VoParty for unification of Korea-1034. (you mean 1134-??-CH) (Hardester)
- 1134 INDONESIA for Tomer (issue #16) not much chance of Indonesia that AM. USSR on 1133 and N. Korea on 1135 blasting thru here. All Asiatic that AM. (Maguire)
- 1130 VENEZUELA YVRU R. Ideal, Caraballeda, lots of ads for different products and ID only as "Ideal" 1609 3/25. (Objio)
- 1140 COLOMBIA HJKO La Voz de la Victoria, Cartagena, "desde Cartagena de Indias transmite La Voz de la Victoria" w/this slogan ID'ed this stn at 0125 on 3/24, then pop mx. (Objio)
- 1140 MEXICO XEMR, Monterrey fair to good in WRVA SP 3/27 0830-0850 w/call letter ID's, mixed bag of SS vocals, a "Wheeee" crowd sound behind each ID sounded like a crowd on a roller coaster. (Zank)
- 1150 VENEZUELA YVMM Ondas del Caribe, Punto Fijo very good, but always covered by local Onda Musical, ID at 0130 on 3/24, political ad for "Luis Herrera arregla esto" (will arrange this). (Objio)
- 1165 ANTIGUA St. John's, Caribbean Radio Lighthouse heard w/symphonic mx around 0130-0140 on 3/24, vy good, no ID. (Objio)
- 1180 JAPAN Osaka JOOR fair w/JJ chatter 1416 3/24 as KOFI faded. (Tomer)
- 1180 DOMESTIC Voice of America, Marathon, Florida very good at 0145 w/R. Mil off for the Holy Week. All SS. (Objio)
- 1190 SOUTH KOREA Seoul HLKX on 3/22 at 0850 w/EE religious pgm and full ID on the hour. Into "Candlelight and Silver" pgm of semi-cl and EZL mx at 0905. Good level. (Hardester)
- 1195 UNID carrier, SE asia loop, good strength at 0830 3/20. Seems too early for the Indonesian. (Tomer)
- 1200 VENEZUELA Caracas R. Tiempo ID heard at 0850 3/5 w/local WHAM off. "Sinatra" type mx, not new. (Renfrew)
- 1205 PHILIPPINES DYRH Bacolad City w/ID and Tagalog talks at 1030 on 3/22. Fair level. 1205.498. (Hardester)
- 1206 INDONESIA?? strong signal blasting in at 1408 3/24 w/OM talking in an Indonesian sounding lang; maybe RRI Denpasar. (Tomer)
- 1210 CHINA domestic pgm fair 1427 3/24; had CC opera. (Tomer)
- 1250 COLOMBIA HJHS R. Reloj, Cucuta 3/22 at 0203 w/weak ID on a channel empty except for a weak WDAE. Slightly off freq, causing the audio to be distorted. For cases like this I have had wonderful luck making the audio readable by peaking a Q-multiplier on the off freq carrier (exalted carrier reception). (Hutton)
- 1260 VENEZUELA YVRM R. Impacto, Caracas, ID at 0026 on 3/25, pop mx, this freq is always occupied by R. Vision, Santo Domingo. (Objio)
- 1280 VENEZUELA YVQS R. Zaza, El Tamarindo, first time I hear this stn, with Venezuelan mx and ad for a political campaign. ID at 2253 on 3/25. ID is easily misunderstood w/Caracas. Very good. (Objio)
- 1300 VENEZUELA YVNS R. Reloj, Maracaibo, pop mx and ID 2250 3/25.
- 1320 VENEZUELA YVWP R. Apolo, Turmero, ID at 0158 on 3/24, pop mx and ID in middle of record. (Objio, last two)
- 1330 HAITI 4VRW R. Haiti Inter, Port-au-Prince, too difficult to hear now due to La Voz de las Fuerzas Armadas, Santo Domingo moving to this frequency, now off for the Holy Week on 3/25 at 1626, ads, FF. (Objio)
- 1340 COLOMBIA HJFB La Voz de la Sabana, Bogota, ID at 0232 on 3/25 playing Colombian mx. (Objio)
- 1350 VENEZUELA YVUJ R. Vision Falcon, Cumarebo, very good w/local R. Liston off. (Objio)
- 1360 DOMINICAN REPUBLIC HLMG R. Rutas, La Romana heard ID at 2133 on 3/24, rarely hrd w/pop mx on the Holy Week as most Dominican stns either play cl mx or do not operate. (Objio)
- 1360 VENEZUELA YVIZ R. Armonia, Charavelle w/pop mx and ID at 0205 on 3/24, very good. (Objio)
- 1364 VIETNAM powerhouse here. (Maguire)
- 1365 HONDURAS HRTR R. Danli, Ciudad Danli w/weak ID 3/24 at 0119, first time for a taped ID. (Hutton)
- 1370 COLOMBIA HJKX R. Mundial, Bogota, good w/pop mx, ID at 0209 on 3/24. (Objio)
- 1390 JAPAN 1006 news in EE, 1015z EE lessons, not needed. (Maguire)
- 1403 GUINEA Conakry to fair peaks with female vocal 0157 3/19. (Con)
- 1410 JAPAN JOIF Fukuoka 1050-1122z, CFUN QRM. (Maguire)
- 1415 INDONESIA 1415z, very poor. (Maguire)
- 1420 VENEZUELA YVZO R. Vision, Maracaibo ID at 0205 on 3/25 and pop mx. (Objio)
- 1460 COLOMBIA HJJW R. Nuevo Continente, Bogota at 0222 on 3/25 and religious pgm on the Holy Week. (Objio)
- 1466 MONACO Monte Carlo fair w/man in CG 0513 3/19. (Connelly)
- 1470 PHILIPPINE Islands DWRF in KK 12-15-1348z. (Maguire) ???-CH
- 1470 VENEZUELA YVJW R. Latina, Valencia, ID at 0226 on 3/24. (Objio)
- 1475 MALAYSIA Sandakan 1153 3/13, big carrier noted here w/erratically fading audio. Very poor readability, but US pop mx recognizable and bits of YL talking. (Hall-Patch)
- 1480 JAPAN JOMX Nobeoka 1141-1205z. (Maguire)
- 1490 COLOMBIA HJBS R. Punto Cinco, Bogota, pop mx and ID at 0232 on 3/24. (Objio)
- 1500 NETHERLANDS ANTILLES, stn heard very poorly supposed to be R. Hoyer, Willemstad. Female speaker, lang seems to be Dutch, voice is heard too deep so can't recognize lang, but it is quite probably, heard between 2145 to 2210 on 3/25. (Objio)
- 1500 SOUTH KOREA Ceju at 1043-1103 on 3/22 w/Korean (?) lang pgm, not EE as per 78 WRTH. ID on hour by man and woman and into EE lessons. Fair to poor w/165 hz het on upper side. 1500.000. (Hardester)
- 1510 HAITI unid stn supposed to be in Haiti, probably Cap Haitien w/songs in EE at 2230 on 3/25. (Objio)
- 1520 JAPAN Fukui JOFC (NHK2) w/NHK pips, Japanese ID, and into 2 instrumental selections and off at 1504 on 3/24 w/OC on. 1519.996. (Hardester)
- 1550 REPUBLIC OF CHINA Taipei AFNT on 3/22 at 1030 w/sports report and local anct. Fair to poor w/mod QSB and CC QRM. (Hardester)
- 1550 COLOMBIA HJZI R. Fantasia, Bogota, in well 3/21 at 0400. Not a trace of the more common Colombians on the freq. (Hutton)
- 1554 FRANCE Nice through GBE cl mx slop; talk by YL and OM 0152 3/19. (Connelly)
- 1555 CAYMAN ISLANDS R. Cayman good w/Caribbean EE talk o/heavy het from France 1554, 0148 3/19. (Connelly)
- 1555 PHILIPPINES Cebu City DYLA in w/best sig ever 1452-1459 3/24; a church service was on until 1458, then a woman in EE mentioned "DYLA" twice, gave TC, and mentioned Good Friday Service. (Tomer)
- 1570 DOMINICAN REPUBLIC HIAJ R. Union, Santo Domingo w/pop mx during the Holy Week, not usual with Dominican stns as they either play cl mx or close down. R. Femina on 1596 also on w/pop mx. (Objio)
- 1570 SOUTH KOREA Cheju Island HLDA fair u/domestics 1450 3/24 w/CC talk. (Tomer)
- 1586 WEST GERMANY Langenberg pushing thru bad WQQW slop; religious sounding choral mx noted at 0519 on 3/19. (Connelly)

We're not done yet. . . . Chris Bobbit and I would like to accumulate tapes of some LA national anthems. We'll pool what we have, and would like whatever help you can give. Years back, there was a record entitled "National Anthems of Latin America" but it is not available anymore. Should you have a copy please drop me a note.

Veries: Charles George reports a verie from Barbados 900 in 59 days for an EE report and 1 IRC. Hank Wilkinson has 2: Onda Tropical, Chitre, Panama v/s is Senor Manuel Elias Navarro P., Gerente. Received in 2 months. Also, R. St. Vincent 705 in 3 months w/card and letter via registered mail. V/s illegible. Country #72. Rick Carr sends: RANI 914, Nieuw Nickerie, Surinam sent EE letter in 47 days for EE report and mint stamps. V/s is Shewpersad W.B., Manager. R. Guaymi HOL81, David, Panama sent SS letter and R. Libertad pennant in 34 days for SS report and mint stamps. V/s Alvaro Ramirez Contreras, Gerente. Onda Tropical 1197 Panama, same data as Wilkinson above. XEHL 1010, Guadalajara, Mexico sent SS letter and bumper stickers in 14 days for SS report and'

mint stamps. V/s Guillermo Ramos R., Director de Produccion. XEWA 540 sent card in 25 days. Sent 2 previous reports w/mint stamps. No v/s.
 Brian Vernon: 4 TO, Townsville, Australia v/1 from Joe Oost, regional manager, also bunch of beer mats, 4 TO key ring, stn stickers, pamphlets from local hotels, magazine from local Chamber of Commerce, brochure about Queensland, plus book about the history of Townsville, 9 lbs. in all via air mail for letter and 2 IRC's. Believe this to be a friendly stn, hi. (I concur fully. This certainly takes the cake-CH)

Mike Hardester writes that according to local FEN sources, the Japanese government requested in early November that FEN 650 and the 2 FEN stns on 1580 switch to 648 and 1575 respectively. FEN complied, then the Japanese government requested they switch back. Nobody knows why.

From Arthur Cushen's DX program on HCJB via Dan Bartek, add the following to the 78 WRTH for New Zealand: 1YK 830, 1YE 970, 1010 12K and 12M, 1510 3YR, 1XI 1330. Delete: 12N 970, 1YK 1010, and 1XI 1590.

Via Distance of the Umea DX Club- 1100 HJDI R. Pontificana Boliviarana, Medellin, Colombia new with 9 kw. 1430 HJPK R. Sensacion, Medellin also new w/1 kw. 980 R. Punto went on the air 12/1/77, TODELAR stn. 1310 R. Tasajero now belongs to Cadena Lider de Colombia, ex PUNCH. Antigua-100 now answers with a letter and QSL card. V/s secretary Loretta Isaac, IRC's not required.

That will have to do it. This is certainly a record size column in terms of length and number of reporters since I started editing IDXD. Look forward to seeing the same thing 2 weeks from now

- | | | |
|-----------------|------------------------------|-----------------|
| Bill Andres | Richmond Hill, NY | Zenith, 4' loop |
| Dan Bartek | Fairport, NY | |
| Rick Carr | Bloomington, Ill. | |
| Mark Connelly | Arlington, Mass. | |
| Charles George | Dallas, Texas | |
| Nick Hall-Patch | Victoria, BC | |
| Mike Hardester | Okinawa | |
| Chuck Hutton | Decatur, Ga. | |
| Harry Jones | Vienna, Va. | |
| Rob Keeney | Overland Park, Ks. | |
| Norm Maguire | Honolulu, Hawaii | |
| Doug McAbee | Grand Blanc, Mich. | |
| Paul Mount | Teaneck, NJ | |
| Dick Nelson | Simi Valley, Ca. | |
| Cesar Objio | Santo Domingo, Dom. Republic | |
| Jim Renfrew | Rochester, NY | |
| Randy Tomer | McKinleyville, Ca. | |
| Brian Vernon | Elsa, Yukon Terr. | |
| Neil Zank | Lincoln, Neb. | |
- HRO, FET AA loop, 1M4100
 SPR4, Sanserino loop
 R390A, 1900' Beverage
 SPR4, DA3, 135' LW, Palomar
 HQ180A, 2' loop
 SPR4, Sanserino and R. west loop
 Delco radio, 50' LW
 TRF
 NC400, Sanserino loop, TRF
 HE30, 4' loop
 DX150A, LW
 HQ180A, FRG7, Sanserino, 670'
 HQ180A, 2' loop

NON-DIRECTIONAL AERONAUTICAL BEACONS

DON DAVIS

Many questions have been raised recently in both DX Monitor and DX News regarding the beacons at the ends of the broadcast band. With this article, I will attempt to answer some of these questions, and shed some light on a fascinating aspect of Broadcast Band DXing. These beacons are located in the frequency range from 100 to 1750 Khz. Most of these stations use powers between 50 and 1000 watts, and use a very short (electrically) vertical radiator. This provides a very high radiation angle, thus making them fairly good DX prospects. For editorial purposes we will concern ourselves only with those beacons between 510 and 1630 Khz. There are basically three types of beacons located in this band: Marine Beacons, Aeronautical Beacons, and dual purpose beacons. Each category of beacon will be dealt with separately.

Marine Beacons - These are generally a part of the maritime mobile service, and are located in or near a major seaport, or along the major shipping lanes. These beacons provide a navigation reference for homing and direction finding for ships, in addition to providing scheduled weather broadcasts. Some stations are also used as regular "working" stations for normal ship-shore traffic. The calling frequency to access these stations is 500 Khz., the international distress frequency.

Aeronautical Beacons - These beacons are a part of the aeronautical mobile service, or the government radio position service, depending upon their intended use. They are generally owned by the governments of the countries in which they are located, however, most were installed by the airlines which serve these areas. The actual operation and maintenance of these beacons varies from country to country. These stations usually broadcast a continuous carrier, with morse code (tone modulated) identifiers sent repeatedly. In operation, an airplane will tune in to a particular beacon, and be able to determine his relative position with respect to the beacon, and also his relative bearing to the station. Using two or more beacons will allow the pilot to triangulate his exact position. The beacons in and around the broadcast band comprise less than 1% of the total number of non-directional beacons. Most are located between 100 and 400 Khz. Low frequency beacons are becoming a thing of the past, as more use is made of VHF navigation aids such as VOR, TACAN, ILS, and other sophisticated methods of navigation and radio positioning. The reason for this is easy to see, when one considers the problems of ambiguity (the characteristic of being able to see the same station at two points, 180° apart), lack of directivity, inaccuracy, and complexity of the low frequency ADF system. The newer VOR and TACAN presents an exact course from the station to the airplane on one of 360 specified radials. This is done without a loop, or other form of directional antenna. Thus, the slow death of low frequency beacons. Low frequency beacons still find wide use in smaller private aircraft based in rural areas. Many terminal control areas now require that all aircraft be equipped with VHF navigation aids.

Dual Purpose Beacons - This grouping is a catch-all of a small number of stations which perform more than one function in life. Sort of like moonlighting at the local gas station. One example of this is SOT, 764 in Sottens, Switzerland, which operates as a beacon when it is not being used as a standard broadcast station. Other examples are WXLE 1385 Canton Island, and AFRS 1475 Diego Garcia. Because of their isolated locations, and the limited amount of air traffic, these regular broadcast stations serve double duty as aerobeacons, as well as providing a ground-air link with approaching aircraft. Other dual purpose stations may, and probably do exist on an unofficial basis, but I am unaware of them.

NRC 1978 CONVENTION
ATLANTA, GEORGIA
 PLAN SEPT. 1-4, 1978
 NOW BE THERE!!!
 QUESTIONS & ANSWERS

Coming Soon! Details in the May 1, 1978 DX NEWS!!

OFFICIAL 1978 BEACON LIST

DON DAVIS

The future of beacons located in the band 1600 to 1800 is in doubt. The upcoming World Administrative Radio Conference (WARC-1979) will probably phase out beacons in this range, in favor of extending the standard broadcast band. The future of the beacons below the broadcast band is somewhat more secure, as the lower frequencies are more heavily used than the "graveyard" above the broadcast band. It would seem then, that now is the time to go out and get beacons, before they turn into VHF units and become DX candidates for WTPDAers, or they extend the broadcast band and beacons become another topic for future oldtimer.

Verifying beacons can be rewarding, challenging, and frustrating, all at the same time. Addresses for these stations are hard to find, and many times the people you are dealing with have no idea at all what DXing is. Your best bet is to write to the airport in the town where the beacon is located, and ask them to forward your letter to the right place.

Tuning in beacons is no harder than any other DX station. All that is required is a receiver with slightly greater coverage than just the broadcast band, a fair sized longwire, and your handy beacon list. If your receiver won't tune to either the high or the low end of the band, it is a very simple matter to readjust the oscillator trimmer capacitor in your radio to raise or lower the frequency. The RF and mixer (if equipped) capacitors should also be retouched for maximum gain after the oscillator trimmer has been adjusted. A good longwire, or amplified loop should pull in enough signal for good results. An unamplified loop, however, just won't do the job. And if you have room, a beverage is just what you need. Any of the beacons that use A2 or AO/A2 emission (tone modulated morse code) can be heard on a receiver without a BFO (beat frequency oscillator). However, any of the stations listed as A1 (carrier on/off keying for morse code) will require the use of a BFO or external oscillator tuned slightly above or below the beacon frequency, so that the resulting heterodyne will allow you to hear the code. These stations all transmit very slow code, about 5 WPM, so that anyone can eventually decipher the call. I have included a chart showing the Morse Code.

MORSE CODE

A	..-.	M	---	T	-.--
B	....	N	..--	Z	---..
C	..-.-	O	----	1	.....
D	..--	P	....	2-
E	.....	Q	..--..	3	...--
F	....-	R	..-.-.	4	....
G	...--	S	...--	5	.....
H	....	T	-.--	6-
I	..--	U	..-.-	7	...--
J	-.-.-	V	...--	8	....
K	-.-.-	W	..-.-	9	.....
L	..-.-	X	..-.-	0	-----

- References:
- IFR Supplement - US - Defense Mapping Agency Aerospace Center, St. Louis Air Force Station, MO 63118.
 - Enroute Sup. - Caribbean & South America - Defense Mapping Agency
 - Enroute Sup. - Europe, North Africa & Middle East - Defense Mapping Agency
 - Enroute Sup. - Pacific, Australasia, and Antarctica - Defense Mapping Agency
 - Enroute Sup. - Africa - Defense Mapping Agency
 - IFR Supplement - Canada - Canada Map Office, Dept. of Mines and Resources, 615 Booth St., Ottawa, ON K1A 0E9 Canada

I would also like to thank the following individuals who contributed information to this article: Mike Hardester, Mark Connelly, Bob Cooper and Konstantine Rychalsky.

FREQ	CALL	LOCATION	POWER/RANGE	EMISSION	REMARKS
510	FJY4	New Amsterdam Is.	-	A3	WX BC in EE & FF @ 1015Z
	HO	Colmar/Housan, France	25NM	A1	Protected from QRM Nights (W)
	PO	Hsin-Chu, Taiwan	H	AO/A2	
	SN	St. Yan, France	25 NM	A1	On Test
	ST	St. Truiden, Belgium	-	A1	(W)
512	LPD	Buenos Aires, Argentina	-	A3	WX BC in SS @ 0130Z, EE @ 0148Z
513	ME	Annecy/Maythet, France	25NM	A1	
514	THN	Thorn, Netherlands	25NM	AO/A2	
515	ETM	Etimesgut, Turkey	50NM	A2	
	LXI	Luxeuil/St. Sauveur, FR	80NM	A1	
	ZLB	Awarua, New Zealand	-	A3	24HR Working Freq/Call Freq 500KC
	ZR	Beziers/Vias, France	15NM	A1	
516	*YWA	Petawawa, ON Canada	H	AO/A2	(W) Located in Pembroke
	2VG	Singapore	-	A3	WX BC @ 1320Z
518	CRL	Creil, France	80NM	A1	0715-1630Z M-F OT O/R
	DZO	Manila, Phillipines	-	A3	WX BC @ 1030Z
	MC	McMurdo Sound, Antarctica	H		(W)
	TS	Toulouse/Blagnac, FR	25NM	AO/A2	
	3DP	Suva, Fiji Islands	-	A3	WX BC @ 0830Z, Hourly @ :18
519	ALB	Alboran, Spain	-	A1	(W) OP For 30 Min @ 6, 9, 12, 18 and 23Z
	IAR	Rome, Italy	-	A3	WX BC in II & EE @ 0050 & 0650Z
	QFB	Helsinki, Finland	-	A3	WX BC @ 0840 & 2040Z
520	ONB	Brussels, Belgium	50NM	AO/A2	Located Brussels Int'l Arpt
521	AN	Avingnon, France	10NM	A1	
522	AG	Agen/La Garenne, France	25NM	A1 LOM	
522.5	ZBP	Pitcairn Islands	-	A3	0130-0200Z & 1730-1800Z OT O/R
525	KR	Hodeida, Yemen	-	AO/A2	(W) SR-SS Located Hudaydah
	KU	Chiayi, Taiwan	H	AO/A2	(W)
526	*UUP	Uplands, ON Canada	H	AO/A2	Off 13-17Z Mon Serves Ottawa International Airport
527.5	VPS	Hong Kong	-	A3	WX BC @ 0818 & 1318Z
530	*NB	Nabob, ON Canada	H	A3	Serves North Bay Aerodrome
	*YCH	Chatham, NB Canada	H	A3	
544	EVX	Evreux/Fauville, FR	40NM	A1	
	LIC	Lichfield, England	100NM	AO/A2	
562	ING	St. Inglevert, France	50NM	A1	
	LMG	Limoges/Bellegarde, FR	50NM	A1	
580	MBR	Mende/Brenoux, France	25NM	A1	
602	FXR	St. Denis/Gillot, Reunion	-	A1	1830-0230Z M-F OP OT W/out code as Broadcast Station
634	LAM	Lambourne, England	50NM	AO/A2	
670	DCS	Dean Cross, England	30NM	AO/A2	
	STN	Stornoway, Scotland	60NM	AO/A2	
760	J	Ismalia, Egypt	-		(W) SR-SS
764	SOT	Sottens, Switzerland	100KW	A2	(W) OP as NDB only when BC Station is Off
797	CFD	Granfield, England	20NM	AO/A2	
1385	WXLE	Canton Island	250W	A3	Used as A/G Communications
1475	AFRS	Diego Garcia Islands	250W	A3	Used as NDB
1580	AGR	Agrinon, Greece	-	A1	(W) SR-SS OT O/R
	KOZ	Kozani, Greece	15NM	A1	Irregular, OP O/R
1600	NHG	Palmer Station, Antarctic	H	AO/A2	(W)
1602	LGM	Leguizano, Colombia	150NM	AO/A2	10-23Z
1606	SRE	Sucre, Bolivia	60NM	AO/A2	0930-2200Z @ Lajas Tambo Arpt
1610	TDA	Trinidad, Colombia	150NM	AO/A2	1000-2400Z
1613	*RAB	Rabinal, Guatemala	1000W	AO/A2	(W)
1615	MIL	Quincemal, Peru	80W	AO/A2	(W) 1100-2400Z
	OR	Ohura, New Zealand	60NM	A2	(W)
1620	CEP	Concepcion, Bolivia	100NM	AO/A2	(W)
1623	FAM	Fazenda Amalia, Brazil	37W	AO/A2	(W) O/R
	HUM	Humaita, Brazil	25W	AO/A2	No specific hours
	PTT	Pto. Trombetas, Brazil	250W	AO/A2	
1625	TIKX	El Coco, Costa Rica	50W	AO/A2	(W) On test
	*ZUI	Ascazubi, Ecuador	50NM	AO/A2	(W)

Explanation of Abbreviations Used (Keyed to Numbered Column):

1. All frequencies are in Khz.
2. Call letters shown are those used in their Morse Code identification. An asterisk (*) preceeding the call letters indicates that the station in question should be a fairly easy catch in North America. Underlined call letters is other than NDB.
3. Locations given are to the best of my knowledge the name of the city in which they are located. In some instances, however, the name may refer to the name of the aviation facility being served.
4. The power/range is as listed in the IFR supplements. NM indicates the reliable range in nautical miles. A nautical mile is slightly longer than a statute mile. This range is only included for your amusement, and has no bearing on how far the station might be heard. When available the power is listed with W for watts, and KW for kilowatts.
5. The type of emission is shown using the standard alpha-numerical designation. Some formats are unknown to me:
 - A0 = An unmodulated carrier wave
 - A1 = Carrier wave switched on and off for Morse Code telegraphy
 - A2 = Carrier modulated with Morse Code consisting of an audio tone
 - A3 = Voice communications using amplitude modulation
 - A0/A2 = Continuous carrier, modulated periodically by Morse Code using a tone
6. Operating hours where known are listed in the remarks column. All times are Zulu (GMT).
 - (W) = No audio (A3) available for communications with aircraft.
 - H = Power is not known, but is in the range of 50-2000 watts.
 - OT = Other times
 - OR = On request
 - OP = Operate or operates
 - A/G = Air/Ground
 - NDB = Non-directional beacon
 - LOM = Compass locator system (located at outer marker of ILS system)
 - ON TEST = This usually indicates that the beacon is in operation, but is being verified prior to use as a navigational aid.

*****TWO VERIFICATIONS FROM KONSTANTINE RYCHALSKY*****
FOLLOW ON THE NEXT PAGE.

REJOINS

Thanks for staying with NRC. Recent renewals include:

Dan Durbin, G. Harley DeLeurere, John Cieslewicz, John Callarman, D. Barber, Donald G. Lancaster, John R. Tudenham, John F. Kotfis, Sigvard Andersson, David Feldman, Brock H. Whaley, Edward Wyman, R.G. Messenger, Daniel Spitzer, Ron Kiser, Joseph Lally, Sarah Perillo, Robert S. Knox, Yves Morissette, J. Sutton Burtenshaw, John D. Reed, William Madeley, Wayne Heinen, George Duckworth, Doug Allen and A. Bedoya.



Pan American World Airways
Pan Am Building
Miami, Florida 33159



January 16, 1975

Mr. Konstantine Rychalsky
22 Carroll Court
Bridgeport, Conn. 06607

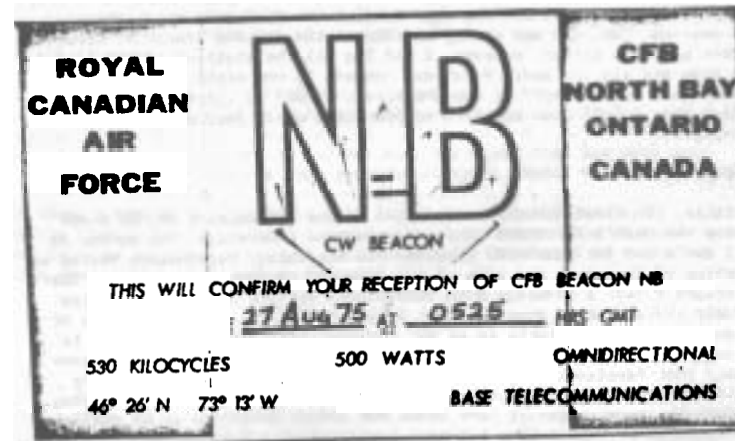
Dear Mr. Rychalsky:

In response to your recent letter, this is to confirm your reception of aircraft radio beacon "RAB," Rabinal, Guatemala, operating on 1613 kHz, November 17, 1974. This facility was originally installed and operated by Pan American World Airways, however, presently it is the property of the Department of Civil Aviation, Republic of Guatemala:

Location: Rabinal, Guatemala
Coord: 15°01'N & 90°28'W
Transmitter: AEROCOM 12GLX
Power Output: 1000 Watts
Frequency: 1613 kHz
Antenna: 140' vertical base insulated steel tower
Operation: 24 hours daily
Call: RAB.

Sincerely,

Stephen Kravchuk
Stephen Kravchuk
Regional Supt., Communications
Central America



SOME THOUGHTS ON BEVERAGES

H. John Clements

As one of a group who has built more Beverages in more configurations than anybody on the West Coast, if not the hobby, I would like to offer some comments on Beverages as a result of our experiences. Many of these comments have not been published, but have been discussed at various DX meetings. Others are results of our experiences.

IT'S NOT A PANACEA

The statements that Beverages bring in great quantities of DX is somewhat misleading. Most Beverage builders get to use their Beverages once or twice and hear a lot of new stations they never heard before. Naturally they are quite impressed, but what they don't realize is that most of those stations will be in practically every night. As a matter of fact, 80-90% of all new catches on a Beverage antenna will become regular or semi-regular. In many cases, you just shift the location of your regulars from less than 500 miles to 3000-5000 miles. Another thing to remember is that it takes a skilled DXer to take advantage of a Beverage antenna. At sunset, many times a DX opening will occur that lasts for about 1-2 hours. During that time there will be as many as 35 splits (a large number for the West Coast). It takes an above average DXer to get a significant number of them in the allotted time. On a typical night, hearing 13 countries in a night is normal for us. However, one time Bruce Portzer was down in Southern California and with him we heard 29 countries in one night. The primary difference was that he knew what to expect at a given time on a given frequency. I would like to point out, also, that only a very small number of stations that I have heard on the Beverages have not been heard by someone else on the West Coast. In fact, I have heard at home just about everything I have heard on the Beverages. It goes to show that a box loop in the hands of a good DXer can be better than a Beverage in the hands of an average DXer.

SIZE

People seem to want to make a Beverage as long as possible. In fact, I have often been asked "I wonder how a 10,000' Beverage would work?" There are tradeoffs that are a function of length that a builder should be aware of. Like any other antenna, gain is obtained with an increase in directivity. I built one 5400 feet long pointed 135° that was so directional that the Eastern clears (KOA, KOB, WCCO, WHAS, KDKA, WHO, etc) were completely inaudible. When daytime XEZF-850 (Mexicali) signed off, Radio Ciros in Guatemala (1 kw) was there all night with no trace of KOA! (They were also there every night, too...). However this directionality proved to be overly restrictive since almost nothing came in from the Caribbean and Eastern South America. Cuba-720 was weakly audible in the morning hours. St Kitts-1265 was a little better. However, I did log all the stations in San Jose, Costa Rica and all the Radio Sutatenza outlets in one night. I would conclude that 3,000-3,500' is about optimum. 5,000' is far too directional and less than 2,500' does not seem to provide a great deal of gain and performance.

TERMINATION

Invariable, the first question I am asked is how I terminate it. It seems everyone who hasn't built one wants to terminate a Beverage. The answer is that I don't and for practical reasons. For one thing, termination varies as a function of frequency and time of day. The FCC at Grand Island found that they couldn't make a Beverage hold termination for the same reasons. Also curiously overlooked by everyone that I have talked to, is a mention in Mr Beverages article (available as an NRC reprint) that unidirectionality is obtainable only when the antenna is a multiple of a half-wave, which seems to imply that termination is a waste of time. You also run into the very practical problem of coordinating two people half a mile away while trying to adjust the termination. I have found the longer Beverages to be quite unidirectional anyway. I have had many instances of a 1 kw or less latin wiping out 50 kw clears of the back end (like KGO, for instance). As far as terminating a Beverage goes, I would say experience indicates it is not worthwhile.

CONSTRUCTION

The Beverage is one of the easiest antennas to construct. Just take a couple thousand feet of wire and string it out on some kind of supports and you will get respectable results. However certain things can improve performance greatly. First, try to use as few pieces of wire as possible. Although it may work great the first time with many splices, as time goes on, corrosion will cause a loss in performance. Also try to use as big a wire size as possible since this reduces losses due to wire resistance. (There can be several hundred Ohms of resistance in several thousand feet of wire.) However, don't be afraid to use #26 wire if it is all that you have-it will work fine. Try to make the posts as straight as possible. While good results are obtainable even if you deviate $\pm 50'$ from the center, you will find some of the 50 kw clears completely disappearing when it is close to perfectly straight. You will also find that the better DX tends to hang in longer and that sunrise-sunset reception is dramatically enhanced. I have found that the hours of 10 pm-2 am to be slow on the poorer Beverages but very much active on a well built Beverage. For height, 4-6' is about right. More than that you are paying more for the poles and the extra height buys you nothing. At 2' or less, the antenna seems to interact with the ground and performance is reduced substantially. Poorly built Beverages with parts of the antenna drooping close to the ground or posts poorly laid out seem to have a lot of extraneous lobes. These lobes pick up stations broadside to the antenna very well and tend to disappear when the Beverage is better built. When picking a site, you want sandy (desert type) or rocky soil. Remember, the Beverage works because lossy ground causes the radio waves to tilt. Those who say the ideal site is a Beverage built over poor soil terminated into a stream are dreaming. Any water will cause the soil for quite a distance to become very conductive, ruining Beverage effects. I recently went on a Beverage party just after the big rains in California and the conditions were very poor.

After considering all the factors, the conclusion was that the soil was still too damp. Any loss of performance due to good soil can be compensated for somewhat by increasing the wire size. It also follows that constructing a Beverage near the ocean to get better transoceanic reception will not produce excellent results.

SHOWING IT OFF

Once you have built your Beverage, you will want to show it off to the plain folk who have not had the experience of listening on one. When I go to a Beverage with a new person, I use a simple technique. I take a TRF, stand a couple of feet from the antenna, and tune in KDAY-1580 (50 kw). After pointing out how solid the rock & roll is, I move the TRF next to the wire and ZAP!! Instant solid XEDM (Mexico) with nice ranchero music. Its very impressive. Similarly, the jumble on 920 is changed to solid XEBH. Also very interesting is walking down the Beverage a ways and having one of the stations on a frequency rise out of the jumble because you hit its point of maximum strength.

The Beverage is capable of truly fantastic reception. Like Chile-840 at sunrise so loud you think it is a local. And Radio Rumbos-1210, a 1 kw Guatemalan, dominating the frequency, And the various Radio Libertad's rising out of the mud near the top of the hour for their IDs. And many many more. I suggest that you take a tape recorder along so people will believe you.

I hope these comments will serve to help future Beverage builders and answer the often asked questions. I would welcome correspondence on the subject by other Beverage users. I am particularly interested in comparing the East and West coast reception patterns.

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

MORE FROM THE SOLID SOUTH

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

WD4JLT

We have a lot of new members, so I'll do a reintro since I don't grace these pages often. I'm 33, married (with a VERY understanding wife who allows me to keep a 4' NRC loop in the kitchen), and have a five year old boy & a three year old girl. I've DXed since 1960. I currently use a Hammarlund HQ-180, Sony TFM-1600 & Teac 1250 deck. My employment is as a Senior Claims Examiner with the V.A. Not much time for the hobby lately but I did manage to hear a very weak WPUT-1510 ID on their 2/20 TEST. KOMA-680 was also heard that AM, but only the code came through. Also on 2/20, WGSB-1570 heard @ 2:30 on r/c per list; WHEP-1230 in w/good audio @ 2:50am. Last, but not least, KVOL-1330 was logged @ 3:40 during frequent "V-O-L" IDs. 2/28- WVOH-920 was heard giving community birthdays and anniversaries @ 6:08pm with nary a sign of WGST. Same date WCAF-910 was heard @ 6:28 w/Georgia NX. The last entry into the log was WELF-1370 on 3/1 @ 6:25am. Looking back at the season, only one TA was heard here, that being Guinea-1403 heard early in the season. In the Help Wanted department, I need a little help from a Texas member to confirm the exact location of XEAM-1310 heard @ 8:11pm 1/26 during an AU. ID was "R. Mas" and announcer gave location as Matamoros, but I don't know if this was the city or elsewhere. Keep supporting your Club! As they say in Muscle Shoals, Ala., "WEQY- We Love ATLANTA, Y'all!".

WAYNE MURPHY - 1411 Phyllis Avenue - Louisville, KENTUCKY - 40215

I haven't graced these pages for a while now, thanks to ever-increasing school work loads. I finally managed to sink a job so I at least have a little security for the last couple of months of school. I'm working for a CPA firm in Jeffersonville, Ind. now, putting in about 25 hours a week, & have been promised a full-time job upon graduation in May. With the many people graduating from college these days that don't even know what they're going to be doing, I consider myself very lucky. Proving myself a school-a-holic, I'll be starting on my Masters degree this Summer, in Business Administration. I'll be taking only one course a semester for the time being, so it'll be a while. Most "recent" DX was concentrated during the Jan.-early-Feb. period, with a lot of blizzard-emergency stations logged, though I missed some of the best ones. The only logging in March was CFCM-1320, and that just for a frequency change. It's interesting that Ernie & I have totally opposite viewpoints about logs on call vs. frequency changes. I won't log the former, but I will log the latter. My reasoning is this: A station on a different frequency is often a totally different type of catch, even without regard to whether it is "harder" to hear (which is rather hard to measure, except by frequency of reception. And was "R. Million" hard to hear by that standard?). A good case in point was WGSV-1520 in Crossville, Tenn. which moved from 1520 (as a 250w daytime) to 1490. From this location I heard both several times, though neither was easy. Should I cheat myself out of a rather difficult logging because I had earlier received a totally different DX catch on another frequency, albeit with the same city of license and call letters? No more than I would not log WABC because I had already received WGES, or WHYC-FM because I'd already logged WHYC-AM (same call, different frequency). Using ERC's analogy, if they build a new house, I log it. But if they remember the houses on my street, I don't live in a new house. As this may well be my last Muse before then, I hope to see everyone in ATLANTA over Labor Day, NRC's second "truly Southern" Convention (the first was Miami '72). This is being written on 3/17, so Happy St. Pat's Day to all those who are Irish or wish they were. 73.

PITT McNEIL - 3723 T. Street N.W. - Washington, D. C. - 20007

In the Solid South

Yep, Washington, D.C. IS in the Solid South, all you Yankees! You know who I was for in the War for Southern Independence, hi. I haven't been doing much of any DXing on the BCB; in my limited DX time goes to SW. The only things I've heard somewhat lately are WDEE-1500 around 12:20am on a MM with WTOP off early, WHHH-1440 with good signals @ 7:20pm, CHIR-720 Lexington @ 11:20pm while CKAC had faded down. Also, just about any Saturday night (really Sunday morn) around 1:30am there is a pirate on 1620 or thereabouts, once heard IDing as WFAT, the Brooklyn pirate. On the local radio scene, WTOP apparently is NOT planning to carry the Orioles BB games this Summer, despite what was announced in the paper. I also heard WJAL-630 testing one M: w/TTS & OC around 12:30am - might be a good shot for those of you who need D.C. On a lighter side, WHFS-FM DJ Josh Brooks is leaving his post for a couple of months to tour nationally with home-grown rock-n-roller Root Boy Slim. In case the Root comes to your town: Watch out! His act is, well, outrageous. A WMD-900 DJ is sitting in for Josh during the next couple of months, too. Well, I found out recently what the Musings section is really for. I was sitting on 5045 WMAW SA, and just about to pack it in, around 1:45am, when I started reading some interesting Musings. And low and behold, after I'd finished the third Musings, up came Cook Island with audio for the first time after innumerable tries. These good ol' Musings are not only interesting, but also patience savers! I also noted that same night 5032 1/2 Cabinda @ 12:25am s/on, still announcing both BCB frequencies, & gave the power, but I didn't catch it. Enough for now, 73 from this here 'ood ol' Southern Boy.

NEXT MUSINGS DEADLINE IS MONDAY, APRIL 24th. PLEASE BE SURE TO DOUBLE SPACE!

CHUCK HUTTON - 1035 Latham Road - Decatur, GEORGIA - 30033

I just kicked out the last of the local DXers who came over to force KARL JETER into being Convention Chairman, pat PAUL HART on the back for logging KXLY-920 Spokane with local WGST looped, and cry over my 100% readable tape of the WKEM TEST that none of them heard. We are now calling ourselves the Georgia Order of DXers, the GOOD Guys, or GOD, or GOOD-GOD or whatever. DX? I turned the Beverage loose on the Florida graveyards and it snagged WROD-1340, WFOY-1240, WMBB-1240, WSSB-1230, WFMJ-1450, WSPB-1450, & WKEM-1490 (on RS). WROD-1340 must be MSP as they ruled the channel MM 3/13 all AM, QRM from a R. Rajoj outlet. KAJN-1560 is not MoR as in Log - seems to be all REL. WGST's new address is 555 Pharr Road, ATLANTA. Re the FCC's recent info prohibiting CIDs, I was told by two local CE's that "code" IDs using 1 kHz tone to modulate a carrier qualified as radiotelegraphy under FCC rules and was therefore illegal. I requested an opinion from the Broadcast Regulations Dept. and they replied most clearly that this is indeed illegal. One CE said a couple of stations had been fined for using CIDs. And notice of such had been printed in "Broadcasting." So it looks like we'd better play it safe & forget about CIDs, a very sad thing. 73.

GREGORY S. HARRISON - Box 173 - Smyrna, GEORGIA - 30081

Lo & behold! I finally managed to get over my case of illiteracy sickness (hi) long enough to crank out a Muse. There's not all that much to report here except a grinding work shed that's keeping me away from the dials this past season more than I like to think about, hi. The latest news here around Conventionburg is WJTB-970 is trying their hand once again at an "AOR" format on AM, & alas, hi, WRNG-680 has had their 25,000/10,000 U-2 application OKed by the FCC. Still, that's only eight A'Ners in a Metro area of 2,000,000 people - not bad from a DXer's point of view, especially when I remember 18 of the same in N. Hollywood a couple of years back. Oh well, turning over to the fruits of some recent dial-twisting labors; first, some daytime on 3/12, times are EST: 11:30- CMQ-640 heard weak on top of a weaker SAH in w/R. Liberation' IDs, folo by chimes; weaker station probably was recurring WYHX spur. 11:35am- Regular WSM-650 noted OFF, odd hour for an SP, hi. 11:38, WMAQ-670 weak w/tele-talk w/WREG spul null. 11:46- WGN-720 w/EZL folo by ad for "Country Joe Hollingsworth" at La Grange auto dealership, not too bad for 650 land miles at technically-high-noon, hi. Noon, 780k w/two stations riding it out, WBBM & WBSO, one w/CBS NX logo at exactly 12:00:00, mucho WQXI overmodulated trash, hi. 12:05, WMD, WBAF-820 weak w/tail-end of NBC NX, mention of Metroplex before TV went on upstairs, hi. As for MM 3/13, I was quickly satisfied when 11 minutes after 11* TC came rolling in @ 2:11 on 1000k folo by ad for MAS-TRANS with phone number "235-RTIDE" - old friend KOMO finally came to visit w/WCFI off. 2:18, KTNQ-1020 w/tele-talk weak w/SS garble. I'm nearing 30, so I better split. Y'all come to ATLANTA in '78 & find out what a "flaming hurricane" is. 73's.

ED SOLLE - 1500 Sparkman Drive #9J - Huntsville, ALABAMA - 35805

Hi! I hope this makes it in time for the SOUTH issue. This is my first Muse in a long time - mainly because I have really not been DXing regularly. That is the nice thing about a hobby, you can become as involved as you like, but even those of us who are just marginally involved can still get enjoyment from it. Recently, I was mentally checking off the states I have heard from this location, & realized that although I had gotten at least one from each of 31 states and two provinces, I had yet to pick up anything from North Carolina, even though its closest point is about 150 miles from Huntsville. So I checked my possibilities and worked on 1290 & 570 for a couple weeks, looking for some sign of WHEK or WENC, but no luck. I did pick up WAAX, Gadsden, Ala. which is a regular days, but unheard before after sunset. Finally, SM 3/4 @ 2am, I reluctantly tried for WPTF, which I thought to be a longer shot, even with its higher power, due to its directional signal. But there it was with no QRM whatsoever from WJPS! Five minutes later, at 2:05, I picked up my second Cal. from here, KFI. That may not sound too difficult to most of you, but there is a Cuban down here that has always covered KFI entirely. (KNX, by the way, is pretty regular here). Nothing else significant happened down here except perhaps that KSTP has been dominating 1500 this winter, where WTOP has traditionally been king. I remember spending a Summer in Wisconsin, within 40 miles of KSTP's XR, but directly in their null & being unable to pick it up at all nights on my primitive equipment - just WDEE. In closing, if anybody has any clout with the FCC, I'd appreciate some badmouthing of the WAAY petition to increase daytime power to 50kw and change XR location. But I guess that is a little selfish of me. 73's, all!

ROY BARSTOW - Southern Cape DXer - 70 Heritage Circle - Teaticket, Mass. 02536 617-548-2329

MM 2/27- WFLI-1070 Tenn. TT 2:50am, WSRF-1580 Fla. 3am, WKEN-1500 Del. in the clear @ 5:05am. SU CX in the FM & I came up with ZNS1-1540 Bahamas with ever-present WPTF buried at times. AS on 1520 unID with WKBW non-existent. 2/28- WDEE-1500 Mich. 2am, WBRD-1560 Ohio testing with pop mx u/o Cuban Minute Man @ 2:05am. 3/1- WPHO-1530 Me. at s/off @ 5:45pm. 3/2- WKBA-1550 Va. s/off @ 6:30pm, WLLA-1580 Va. s/off 6:30, St. Vincent-705 in the clear @ 6:35pm. MM 3/6- WHHH-850 and WDR-710 off but ony two Sses heard. WBAR-790 Va. @ 3:10am, WOKJ-1550 Miss. @ 3:50. No KROW-1460 heard here, 3:30-4:05am. 3/7- WRKO-680 Mass. off, & WPTF-680 NLC. in good @ 2am. It's nice to see so many familiar names still in the Club after my long absence. And although I'm not doing any AM DX, I have been in the Worldwide TV-FM DX Associations for the past ten years. I now live some 50 miles from my old location and I wonder if I can use my totals for my new QTH or what? What is the Club policy on this? 73 for now. (The choice is up to you, Roy; as for me, I did not start anew after moving 300 mi.)

HERE WE ARE IN THE SO-CALLED "OFF" SEASON. AT LEAST, DX NEWS IS OFF ITS WEEKLY SKED. WE WANT YOUR MUSINGS DURING THESE WARMER MONTHS, GARG, AND PLEASE BE KIND ENOUGH TO DOUBLE SPACE. ALSO PLEASE USE A.M. & P.M., E.L.T. AND LIST YOUR DX BY DATE, TIME, CALL, & FREQUENCY.

HOW TO HONOR WASHINGTON, OREGON, M.S.T. COUNTRY, MISSOURI, WISCONSIN, MINNESOTA, NEBRASKA, KANSAS, OKLAHOMA, ARKANSAS, AND ALL POINTS OVERSEAS!

GUY KULEMYER - "The Pamolo Dixer" - 926 Travis - Eugene, OREGON - 97404

It's been only a month or six weeks ago since I checked in, but I'm warming up for when Oregon comes up in "Muse-a-State". DIXING has been very slim here lately due to unexplainable ~~QRM~~ that surfaced for the first time about two weeks ago. The self-proclaimed know nothing Know-It-All at the local Ham store decided I needed an Autek QF-1 Audio Filter for my DX-160, so I bought one direct from the factory. (There went his middle-man cut!) All I have to do now is wait for the thing to come & hope it's in usable condition after those no coordination gorillas at UPS have mauled it. (I once had a package "delivered" by UPS by having the driver throw it up my driveway to the garage because he was too lazy to get out of the truck!) (Really!) So, between the static, and going skiing every weekend, my DX has suffered somewhat. I am, however, planning an AN Session at the dials for a soon yet-to-be-decided date. I will Muse again after that little fiasco becomes history. My girlfriend usually types these Muses for me (she's a secretary with a large local firm), but for some reason she seems to be on strike this week. So I'll keep this short since I have to type it. (Maybe that's a hint for me to spend a few less nights at the dials?) That's all for now, got to get back to my Jerry Jeff Walker album. Please forgive the numerous typos. Bye.

WILL HARANG - 811 Nevada Avenue - San Jose, California - 95125

Today KEX-1190 stands as Oregon's ninth oldest continuously licensed broadcast station. KEX was acquired from Westinghouse Broadcasting Company by Golden West Broadcasters Inc. with Gene Autry as Chairman of the Board. Approval from the FCC occurred on 7/25/62, & purchase price for the facility was \$900,000. Authority to operate and call letters KEX were assigned by the Radio Division, Department of Commerce, Bureau of Navigation, on 12/23/26 to the Western Broadcasting Company at Portland, Oregon. KEX went on the air 12/24/26 from a studio located in the Terminal Sales Building, 446 Morrison Street, with towers and a new 20 kw composite IR located at East Gilsan Street and Buckley Avenue, five miles North of downtown Portland. KEX originally operated on 670 kc/s. with a power of 2,500w assigned. Licensee Western Broadcasting Company was owned by Seattle broadcaster Vincent Kraft's Northwest Radio Supply Company. Earlier, in May 1926, Mr. Kraft acquired the license and 50w IR of KFRW, Olympia, Wash. & was to move the transmitting facilities to Portland. However, a new higher power IR was secured & a new license issued, and KFRW was discontinued in November 1926. While granted authority to operate, KEX was not licensed, as the Government regulation of broadcasting was questioned in late 1926. Pending enactment of new radio laws, all stations were withheld license renewal pending new legal authority for the government to oversee broadcasting. KEX was in the unique position of choosing its wavelength, 670 kc/s., a choice dial position. Troubles with transmitting equipment (then not crystal controlled) was reported in May 1927, as many listener complaints were forwarded to the government, claiming KEX was occupying a band from 150 to 200 kilocycles wide, spilling over onto other local and outlying stations' frequencies. The suspicion was that KEX was utilizing 20,000w, although still authorized only 2,500 watts.

ALBERT A. LOBEL - 10514 Camino Baywood - San Diego, California - 92126

Greetings to all HRC. I hope all is well with y'all (No, I'm not from Texas!) & DX is great. It's been good here. The new L7 is up & in use. Actually it isn't working at full potential yet; I have it slightly modified to go into another room & it could work better. I will let you in on the results by my contributions to DDKD. Well, it just goes to show that you Easterners are not the only ones to have power outages. What about the one we had in S. Cal. recently? Maybe it wasn't as long in duration, but, none the less, it was a power failure on a large scale. It was attributed to an error by a San Diego Gas & Electric employee forgetting to remove a safety ground before restarting a generator. The outage affected by the outage. My area of San Diego was not affected. Unfortunately, only KSDO-1130 was off due to the power failure. All other San Diego stations switched immediately to auxiliary generators and were on within seconds with full power. Of course, none of the Tijuana stations were off even for one second! The power failure didn't affect Tijuana. For you TV DIXERS, KPMB-TV-8 & KPTV-TV-10 were off for about 4 hours; KPBS-TV-15 was off for five hours; KGST-TV-39 was off for a half hour. And, for those of you who either didn't hear about the outage or didn't read about it in your local paper, the date was 3/8 about 3pm FLT. Well, 73's and good DX to all! Padres in '78! (** - See top of next page for correction)

MARK BAILEY - 1414 Braden Crescent - Norfolk, Virginia - 23502

Other catches on 2/5 during that Aurora: HJJB-830 D.R., HJKH-770 Colombia, HJAJ-760 Colombia & HCL-80-840 Panama. MM 2/5 - WRIZ-1330 Pa. w/ID, "Short People", WEPF-1250 Ws. @ 2:14am. Later that Monday, WLOP-1370 Ga., WQYK-1110 Fla. w/s/off. 2/7 - WMLL-1580 Ky. at 6:36pm. They weren't giving any cancellations, but they were on late, so they must have had bad WX. WVOB-1520 Md. @ 5:45pm on 2/8, & also WKYV-1420 Va., WNLB-1290 Va., WOLI-1290 N.Y., WFIA-900 Ky., KALT-900 Tex., WIII-1150 S.C. & I thought I heard WSKW-1150 Me. as I thought I heard Skowhegan mentioned. It was possible with all the stations on the air with cancellations. 2/14 - WKDR-TEST showed up w/signals ranging from fair to good, tentative report sent. Thanks, JOHN KROMKA! 2/15 - WDLV-1270 N.J. 5:45pm. WOOB-1080 Ga. @ 6:05pm w/NX. MM 2/20 - A great DIXING night, highlights: WHSO-1450 S.C. per list with ET (r/c -ERC) 12:59am, WDAX-1410 Ga. w/ET per list, WNNZ-1050 Ga. w/ET per list, KLAZ-1250 Ark. (ex-KALO), WGSR-1570 Ga. w/ET per list, CHWQ-1250 Ont., KKYX-680 Tex., KLGL-1470 La., XEGR-1030 Mexico, then using KKYX as an indicator. I floated down to 550, and presto! There, all alone, was KTSA-Tex. CJRM-710 Ont. w/DA on air, WUFF-710 Ga. o/u WDR. 2/27 - WTAB-1570 Fla. in @ 6:15pm s/off. 3/5 - (con'd)

(Correction to ALBERT LOBEL's report on previous page) The outage affected most of San Diego County as well as parts of Orange County. Some 450,000 people were affected by the outage. (Sorry about that, Albert - a slip of the eye! -ERC)

Bailey (con'd) MAY-970 Ill. w/a PoP per list (??) They had one CID, however, no VID's, plenty of OC, sounded at times like a semi-local. (Mark, the list shows Regular Frequency Checks only, not ETs or PoPs, etc. - a check from that list should be indicated as "r/c" -ERC) WQGR-1190 Miss. in @ 6:40pm (ex-WFUP) w/c/w. Then on 3/6, a classic KM, as on 1530 u/WCKY's OC, w/a faint signal was KFBK-1530 Cal. This was @ 3:05am. Then, ten minutes later, on 680, w/both WGM & WPT off. (unusual), I heard a talk show and was surprised by a big KNBR, San Francisco! This was my third Californian. 3/8 - CHIC-790 Ont. atop 790 @ 12:53 as for a very rare time local WTAR was off. I heard one behind CHIC, could have been WEAN-R.I., but who knows? Totals: 1,086/60. I hope to get that verie total up some time. How's about a list of the best pick station for each state? I remain. 73's and good DX to all.

WALT BREVILLE - 9127 Coral Drive - Saint Louis, MISSOURI - 63123

Greetings & I hope you're all doing fine this last part of the season. Like most places in the Midwest & East, St. Louis has had a very freakish winter, at this writing we have had 6 1/2" total snowfall for the winter, just 2" short of the all-time record; normal is 18". It didn't seem to help CX when I tried DX & much of the time I didn't make it to the dials due to much overtime work the snowstorms caused. DX since New Year's: 1/2 - WMA-1390 Ala. @ 5:55pm. 1/11 - KAMO-1390 Ark. 6:30pm. 2/11 - WIZO-1380 Tenn. 7:45pm. 2/13 - WSSA-1570 Morrow Ga. TEST in strong, no go on the other two TESTs. This MM 3/20 found a nice showing from the KPAR-1190 Albuquerque TEST. Nothing else new was caught but I was pleased to find local KXOK off & WCKY off, and KFI-640 and KFBK-1530 coming in fair on the TRF portable. If it weren't for the QRM from all the MSPERS it would have been a good Far-West night. When will the energy shortage ever get the MSPERS in significant numbers to quit wasting thousands of kilowatts for a tiny percentage of the population in the wee hours? (NEVER, voluntarily, Walt, in my opinion -ERC) It was quite a neat surprise to discover the fine write-up by PETS KEXP in 3/13 Football Memories about the outstanding personalities & T-40 programs my local WIL-1430 used to have. A very accurate write-up it was except for being a couple years early on it. It was 1958-61 that WIL was such an outstanding pop mx station, not the mid-50's. In addition to the super DJs and funny contests, WIL was so good to listen to because of their large playlist, many new and obscure records were played to break the monotony of the dozen or so top hits that so many T-40 stations just limit their play to. Looking back on this season, the highlight was back on 12/24 when Monte Carlo-1466 made it into my den and through my HQ-180A, just a half hour after local sunset. 73's.

ANDY RUGG - 668 De Gaspe - Act. 408 - Ile des Seours, Quebec - H3E 1H9

New veries are WAXC-1460 & WMLB-1550. Both sent v/1 & bumper stickers. I logged two new ones. On 3/4 I finally logged WMLB-1550 o/WBVM @ 5:45-5:59pm s/off. (I previously veried them in '63 when they were WEXT). On 3/14, the WQJW-1140-TEST made it from 12:15 to 12:19. @ 12:19 their ID penetrated CJTR/WRNA. After that, they vanished. Present totals are 1,467 veries from 1,547 loggings. That is a 94.8% return. As additional veries straggle in, I should get back over 95%. Most of my non-replies are from Latin America. My return from Canada/U.S.A. is over 98%. At any one point in time, there are a few "temporary" non-verifiers in the U.S.A. & Canada. However, they inevitably change their policies with the passage of time & staff changes. New or f/up reports ultimately get results. I have logged over 1,300 stations in the U.S. & Canada and only 18 domestics are "hopeless" for veries. The main reason they are "hopeless" for me is that my loggings are over 15 years old & the stations are no longer audible. If I could hear/report them anew, I'm sure most would reply now. My verie percentage on the BCB is much better than the 65% I get on the ham bands. For four years I worked for a public accounting firm, and mailed out a few thousand auditors' confirmation letters. All we wanted from the public was a crummy v/r (no fancy QSL cards or long, friendly letters), and a 65% return was the norm. Rather than grumble about slow veries, I am content that AM radio stations ultimately are better repliers than society at large. On 2/25, I attended the local "NHL" game and yelled myself hoarse as the glorious New York Rangers blew the local ogres out of the rink. It was the first time since 1964 that I attended a Ranger triumph. 73.

STAN MORSS - Route 3 - Bradford, Massachusetts - 01830

3/13 - WOL on top of 1450 @ 1:35 - no sign of WKRI today. WIRS-1590 Swainsboro, Ga. 1:39am ET of new station - believe it or not, the first new station on early AM ET I've heard since early 1974! They don't do much of that any more. GMS-1280 off this AM & CJJD Hamilton u/a wicked CKGV for a report - been after that one for a long time - no chance with GMS. W, 5:46 - One of my 25 nearest, WBSA-1410 Glens Falls topping WFOV/CIGO but only for a 30-second ID - at least I've got 'em on tape if not enough for a report - CIGO is now pushing "Go Radio" ID. Prompt verie from WKDM for #4,016.

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

3/14/78
Hi all. Minimal DX has been done here. 3/8 - Unn WARD-1540 strong; o/WPTR w/s/off 6:15pm. 3/14 - I tried for WQJW-TEST, but WRVA was very strong on top @ 12:15 tune-in. A quick band-scan showed the best high-latitude CX I've seen all season. All northern "Indicators" (CBJ-1580, etc.) were strong, & the GY's were lively. Unfortunately I had an early class that AM. Unn WKDR N.Y. strong atop 1070 12:25am w/TT, ID @ 12:30. WILN-1410 Ky. unheard at supposed start of r/c. New spur logged (hi) WNBC-650 on 830. Beacon "NB" strong, 42:37am. If this is 530, it's in the BCB, no? That's all - 73's.

BOB WASSOLOWSKI - The Polack with the Pabst & Philco - 1933 South 33rd Street - Milwaukee, Wis. Unless last night (3/14) was a fluke, I think I found a bonanza for the Midwest r/c devotees of the eight I tried last night (second Tuesday, the first eight) I heard TT on all eight, I did two newbies (WREL-1450 & WMT-1190). WMT was a real surprise with 50kw W/D/D parked right between them & me (or is it 'they & I' - hi). (It's 'them & me', Bob - objects of a preposition - ERG) However they used 11 IDs in the 15 minutes; WREL wasn't too far behind with five or six IDs in 15 minutes. A couple of weeks back I said that WAUK-1510 was simulcasting and sometimes IDing as WML/WAUK. No longer so. Basic format is STD with an occasional lapse into SZL and an occasional burst into HoR. I tried for some TESTS on the first Tuesday this month also, w/tones heard for WGR-1290 & WVAM-1430, but zilch on WARD, WLOS, & KNDK. In DX NEWS #19, I see BILL KARSCH is looking for Montana - try the KFLN-960 r/c on the fourth Sat. I've tried for this on two different times (once was in June) and both times KFLN blared in like it was next door. KML-1270 in Wyo. r/c on the fourth Sat. is also a good bet for anyone in this area who needs Wyoming; although they're not as strong as KFLN. That's all that's news here I hope you get more than one or two WISCONSINITES for this issue. So long & best of DX.

ROBERT RUSH - Pequot Road - Southampton, Massachusetts - 01073 (15-year-old H.S. student) You might be wondering why I haven't appeared in any of your Musings yet or even in Domestic Digest in Domestic News, so I am going to tell you. For one reason I am working part time on my grandmother's farm and another reason which takes up most of my possible DXing is my schoolwork which I indulge in two to three hours a night but have no fear, after school finals in June I will start building up a permanent DXing shack with a receiver of some kind, an antenna, probably the Space Magnet or Sanserloop. Included in this shack will be a tape recorder and last but not least paper and a typewriter to type out my reception reports so maybe by the year 2000 I will have over 4,000 veries like ERG, hi. I hope to make my appearance in Musings by September 1978. I should have no trouble nulling out any of the local stations with the S-2 except if WHP-1400's towers, but they should be no trouble. Concerning these local stations around here I will list the following which alter some of my DXing on these frequencies: WYHI-560 Springfield, Mass. has its towers within 1/4 of a mile from here and to make matters worse they are NSP. WACE-730 in Chicopee, Mass. are daytime only, WREB in Holyoke, Mass. on 930 is daytime only, good old WHP-1400 in Northampton, Mass., WDEM-1570 in Westfield, Mass. is daytime only, & finally WYIM in East Longmeadow on 1600 is daytime only. Of course these are mostly daytime only DXing stations but they still alter some of my DXing in the daytime. When I do get to DX on the DX-160 here, these are the stations I hear quite regularly at night: WYHI-560, WEEI-590, WGR-610, WLBZ-620, WJR-760, WJBC-770 etc. Even though most of these are the easiest to hear being that I am smack right between all the high powered stations along the ED I still get a thrill listening to them. I hope ERG will continue to be editor of Musings in DX NEWS, the best AM DXing magazine in the world. Keep up the good work! (We'll try, Robert, & welcome to the NRC & Musings! Please Muse often! -ERG)

RAY ARRUDA - 47 Burt Street - Acushnet, Massachusetts - 02743 We received another ten inches of heavy wet snow due to a coastal storm on 3/17 but it should melt off fast with Spring around the corner. Not much new here, as I did not DX His 3/6 & 3/13. I was talking with the CE of WID-940 St. Ignace, Mich. the other day & he tells me that his f/c has been changed to the 2nd Wed. from 12 to 12:15am. You f/c hunters might want to jot that one down! PETE KEMP: In answer to your query about that long-lost WEO-1030 N.C. TEST of a few years back, they verified me finally for that TEST after a phone call. The new CE who signed the report two years later was David C. Taylor. He seemed friendly toward DXers by the reply I received. Hopefully he is still there, so you might want to try him. There are a few good upcoming TESTS remaining, & I hope to have good luck with those. Four w/l's back from WKLO-1080, WRIQ-1170, WNSR-1360 & WQOC-1500. 73.

ELLIOT R. STRAUS - 72 Sweet Briar Drive #4 - Clark, New Jersey - 07066 201-574-1199 Hello friends. Veries have picked up here and are finally flowing in. Since last Muse, added have been: WTR-960, WGR-1520, KRZL-1530, WQIC-1500, WTKA-1320, Vatican -1529, WELR-1430, & WVOT-1420 for 566 total. Before the season's start I decided to let the new stations fall as they may & to concentrate on raising the percentage of veries. In October I had 37% verified and now it's over 42%. Since Oct. 1, 55 new receptions, and 53 veries in. My efforts are totally involved in getting a verie out of WJAB Va. I've sent at least five reports, two phone calls, and last week I sent a certified letter to the GM & it came back marked "unknown". Well, if they don't know who he is, what can I say? MM 3/20 brought out one newbie but I liked it: KML-1530, Norton, Kans., 1kw, testing w/TT & ID's - 1:16 and 1:19:45am. I probably spend 60% of my time between 1500 & 1600 kc/s. This section has been most productive in the past two years. It seems most of the regional channels, 1290, 1370, 1320, 1460 and the like have little new to offer me and the channels below 800 are usually full of the same old thing. Totals now are 1,344/566, 70/27, 43/40, and 9/8. I'm gonna try to run the season as long as possible this year. Last year after Jan. I accomplished precious little, but this year the burners are still blazing. The way I see it, if I'm involved in it I want to be the best at it and in this hobby, the paraphrase Thomas Edison, it's probably 90% perspiration and 10% inspiration (or luck). Well, I'm gone.....

O.k., we hearties - WE HAVE GONE THROUGH EVERY PLACE EXCEPT OUTER SPACE IN OUR SERIES OF DX NEWSes DEDICATED TO VARIOUS AREAS. WE "SMOKED OUT" SEVERAL FIRST-TIME MUSERS. WE NOW IM-PLORE THESE NEW FOLKS TO STICK WITH IT AND KEEP RIGHT ON MUSING. YOU FOUND OUT HOW EASY IT IS! PLEASE FOLLOW THROUGH AND KEEP IMPROVING DX NEWS EACH ISSUE BY YOUR CONTRIBUTIONS! PLEASE DOUBLE SPACE AND REMEMBER THE 30-LINE DX NEWS LIMIT, AND USE A.M. & P.M., E.L.T. -ERG

BOB LAZAR - 406 Ogg West - Madison, WISCONSIN - 53706 I have Easter break from school this week so I've been doing some DXing from Fort Washington, Wis. SM 3/19- WWR-1310 fair @ 1:37am w/NX & rr, never heard as WNIC. CFCM fair on new 1320 frequency @ 1:40am w/c/w, "CFCM Hall of Fame Weekend." WBKC-1560 testing w/rr @ 2:05, fair signal o/KKAA. WOL-690 testing w/c/w @ 2:16. MM 3/20- HJCU-730 "R. Melodia", Bogota, fair @ 12:36am in XEX null w/ID, L mx. No sign of any Canadians. XEX had an excellent signal. KUPD-1060 poor in WMOE null @ 1:12am w/rr, "FM-98 KUPD" IDs. KPAR-1190 poor on TEST 2-3:10am. In over an hour of listening only about two minutes were readable through the QRM. What I was able to hear was mx, several VIDs, & several GIDs. There was heavy QRM from CHIN among other stations. I tried for the QRM TEST with no luck, WJR and CURN were quite strong, as usual. A TT was heard at times but it was too strong to be WQOC-1470 was noted AN, so it might be NSP now. WQTC-1590 now calls itself "Q-102" (WQTC-FM is 102.3). They formerly were known as 15-Q and for a while called themselves 15-Q-102. 73.

BILL WURTZEL - 32 West 31 Street #7 - New York, New York - 10001 212-594-8332 Here is a poem concerning domestic DX:

While drinking a cup of hot tea I listened to WCKY, Cincinnati
Enjoying a dinner of franks and beans I heard country music from WFL New Orleans
At the sink cleaning wine glasses The West Coast came in with KFI Los Angeles.
I stayed home tonight, had nowhere to go And enjoyed rock-n-roll from WLS, Chicago
A friend came over with home-made brew He switched over to station WJW
I read in the paper about a check forger Suddenly in came WSB, ATLANTA, Georgia.
The telephone started to ring again And we heard WJR, Detroit, Michigan.
Good news came over the phone, I felt happy

Then dialed over to WTOP, Washington, D.C.
While repairing my car's flat tire I tuned in WFEA, Manchester, New Hampshire
Got into a fight and received a shiner I decided to hear WBT, Charlotte, N. Carolina.
It was time to feed my pet monkey He enjoys listening to KSOX, St. Louis, Missouri.
While someone was knocking at my door I dialed over to hear WBAL, Baltimore
The wife was expecting a visit from the store So we tuned back to hear talk from WOR N.York.
There is so much noise from so many pets It's hard to hear WBZ, Boston, Massachusetts
But I really had the most fun DXing station KIRO in Seattle, Washington.

BILL ANDRES - 101-25 115th Street - Richmond Hill, New York - 11419 My apologies to ERG for missing the NEW YORK Muse-a-State issue. I had nothing to report that week, so didn't want to clutter up the section with non-DX. How about "Muse-a-Time-Zone?" A couple of productive weekends this season, but this past MM 3/20 was one of the more exciting for me in some time. I'm a tape freak, and enjoy a good playback of not only new IDs, but jingles, songs & other related musical matter. For instance, I'd give my left speaker for a clear tape of KFI (one of my old reels, containing just that, is gone) from the EC. MM 3/13: Nothing new except an off-frequency Cuban on 745a, // -630-640, @ 9:45am. I can't wait, hi, to find out where this one came from. Is it a new station like KFI-6411 Sun. night-MM 3/19-20 was a lot more productive. A het on 1540 from 1541 around 11:30pm. I have absolutely no idea what this was. At midnight, at least three SSES on 840, one of them HOL80 from Panama, taped ID, into NX. No sign of WOKK-1060 r/c, but rr way u/KTW. 1310 was being frequency checked by someone = WJLK, but gone @ 12:51, & so was I. I tried for the WHSC r/c & heard an IDable series of TTs, report sent. The goodie of the morning was my second Brazilian of the year (and the second unID one also), on 630. It looped that way, nulling (for some reason) Cuba - which is not 90° off. Nice signal from 1:04-2:04, they played SS & EE disco, w/a jingle during each break that ended with "Buenas Cadenas" - catchy little thing. Their news intro was an instrumental version of the jingle, "Noticias Brazil" @ 2 clinched it, but there are SEVEN Brazilians listed on 630! Balu Horizontes and Cuiaba are likely, 10kw each. I haven't seen anything reported in IDKD, after going through many back issues. WNYG's SS interpreter across the hall should be able to ascertain if it's PP or SS but that'll take a week, & I figured I may as well report it in the interim. Maybe someone else will have better luck. Final tentative of the morning - a really quiet one in the sky too - was a TT on 1190 @ a logged-to-the-second stop-start time shortly after the KPAR TEST was due on. UnID Pop-like TT on 1360 across 2:30 - KLOU rr @ 2:35 u/WSPR's PSA show - XEVIP gospel show ends and into CBS NX @ 3:00. 'at's it!

PAUL MOUNT - 507B Carman Hall - Columbia U. - New York, New York - 10027 212-280-6925 Not much DX has been done since 1/19 when the daytime CX were the best I've ever noted, and newbies WEXX-1230 WLBK-1270 WLA-1270 WADS-690 and WZZD-990 were added! AT-40 additions: 1/22- WHOA-870 P.R. WJOR-980 Miss. WJIX-1150 S.C. WYND-1280 Fla. WELM-1400 KCLU-1590 Mo. and WBYG, Kankakee, Ill. 1/29- WPRO-630 R.I. WJGG St. Ignace, Mich., WJNC Jacksonville, N.C., WJKN Greenville, Ark. 2/13, from New York City: WSSA on TEST, 1:09-1:27 am, o/French. 2/18- In New Jersey, s/off at midnight on 1420 w/333, unID. WCB-1460, doing rock, 12:27. 2/20 in N.J. - WTVT-1270 ending CBS NX @ 1:07, into c/w, w/WXYZ null'd. Tones heard on 1410 1:10 to 1:22 looking for WDAJ r/c. WJOD-610 w/AM/ATM-FM ID: 1:32, o/WIP. WPUT-1510 zonked on TEST, 1:22 CID heard - 2:11 u/CURS/AMEX. Comments, activities, next time.

DAN GOOLETT - Berlin, New Hampshire In 12 frequencies checked tonight 1070-1180 I logged five new states with best catch KSL. No foreign loggings tonight. I usually get them (Trans-Caribbean) only during geomagnetic storms & high A index. A index for last 24 hours was 2. Totals so far: 27 states, five provinces, seven countries & a total of 103 loggings since 1/15/78 on 65 channels. Also heard, an unID Tenn. on 1070 w/TT & brief ID, maybe WNYT or WNTN (Nashville?) Any help out there? He definitely said "Tennessee." There seems to be a lot of static early evenings late-

(Goodlett) ly. Has anyone else noticed? Or is it just my radio? Or is it me? Hal I think I need a shrink who can fix radios too. by73e.

MILES BREDVOLD - 1281 Lakeview Avenue - Mendota Heights, MINNESOTA - 55120

Since I hope to get this under the wire for the issue including Minnesota, I shall have to dispense with getting someone else to type it, and hope that ERC can read my lettering. (No trouble at all, Miles! -ERC) After reading Chris Bobbitt's article in the March 6 DX NEWS, about antenna jacks for the Realistic TRF, I made a simplified version of the same modification. I left off the attenuating potentiometer, but did put a mid-point tap in the added coil winding. In some cases reception is better with the antenna connected to the tap, so as suggested, experimentation with a number of taps might be productive. That external antenna connection, for me, is most beneficial in daytime reception. A noteworthy improvement! In the absence of any significant recent achievements, I'll end on a nostalgic note. Here are some of the more distant stations I logged on a one-tube regenerative set in 1930-31 in Minneapolis, listing station power at that time, in kw. WSB-740 (1), WKY-900 (1) Oklahoma City, WJZ-760 N.Y.C. (30), KDA-830 (12.5), WGY-790 (50), Schenectady, WIIQ-1060 (50) Avon, Conn., KNX-1050 (5) Hollywood, Cal. Thanks to all for interesting information! 73.

GARY LOVBRENN - 1255 Charles Avenue West - St. Paul, MINNESOTA - 55104

Musing #2. KQYN-1210 was sent a PP/c for the CE to sign, so 1210 is no longer vacant in my logbook. KRVN-880 & KOAM-860 haven't been sent a f/up as yet. KFI-640 sent me their card for 3/5/78 report. Can any members help me with getting QSLs from KRVN-880 and KOAM-860? There's a "carrier current" station in my vicinity from a bank nearby on 1200k. It comes in good when the TRF is turned SSW. Can any member provide a listing of the carrier current stations in each city? To JERRY STARR: In the Intro Booklet, you used my example for why stations don't QSL. While in California last year I got some good pictures of two radio stations. They are KPCL-1540 and KNX-1070 & are in color. 73s, WDXoFAN

STEPHEN J. McINTIRE - 2225 Searle Street - Des Moines, Iowa - 50317

Well, I'm back with more stuff. Correction to my last Musing: KFGQ-1260's r/c is first MM, per list, not second MM. Another update to the Log: KWKY-1150 is almost 100% religion now, though they do have a "buy and sell" phone show in the early evening; c/w is a thing of the past there. DX has been slow the past few weeks, but has been picking up late. 2/26- HJNW-1170 topping the pack for a surprise newbie @ 10:25pm. MM 2/27- Nothing of note, but the FCC on 1150 did ID as CJRC @ 4:43. MM 3/13- Another good Monday the 13th ended a two week DX famine. First, the TRF was unusually selective this AM, with 1370 absolutely in the clear in KRNT's null (nothing new logged though), & I logged KLIZ-1380 s/off @ 1 almost in the clear, this w/local KCBC on next door (in frequency & geographically too; they're only 2 1/2 miles away). Then WTLI-1530 Ga. was logged on one of their "infamous" rr ETs @ 1:35. Another Georgia tester was noted on 1590 a few minutes later, call was WERS (or phonetic equivalent) & location was Clayton (ditto). Nothing close to this was found in the NRC Log or Updaters (or in the sometimes wildly inaccurate White's Radio Log; who is this guy? (WERS, Swainsboro, Ga., 2,500w D+ -ERC) Finally, I noted both KRNT & K30 off after 2 & I finally logged much-wanted WAGX-1460 from my home of the past six years, Rochester, N.Y. @ 2:25 w/QM from "Super QMB" (i.e., unnn WQHB) & someone carrying the ABC weekend NI summary program. 3/15- WAUK-1510 s/off o/nulled WAC @ 7pm. Total now logged around 870 & creeping toward 900, a target which should be reached before next season. 73 from QRM Valley.

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

K4FIC

For the benefit of our newer members of the BCB DXing fraternity, the gradual rise of solar intensity in the new sun-spot cycle 21 (Maximum in 1981-82) will have a profound effect on the nature & character of MW DX over the next few years. There will be fewer TA-TP openings, usually of short duration, but more frequent solar storms will produce SW blackouts & AU CX on the BCB. The strength & quality of DX signals on the lower frequency bands will gradually deteriorate while CX on the 21 MHz & 28 MHz ham bands will greatly improve. The real villain is "Ionospheric Absorption", a close collaborator of Murphy. It is generally known that the Ionosphere is a good reflector of radio waves but often overlooked that it also causes energy to be absorbed from it as well. Unfortunately for our MW hobby, absorption increases with a stronger ionosphere, resulting from higher sunspot activity & the amount of ionospheric absorption varies inversely as the square of the transmitted frequency, i.e. the absorption at 1 MHz would be four times the amount at 2 MHz. This phenomena translated into practical terms could result in the reduction of signal strength of foreign LW & BCB DX stations by six to ten db, compared with signal levels during previous periods of low sunspot activity. Since my last Musings, no TAs have been logged on BCB. Azilal, Morocco-209, R. Alouis, France-164 & Europa-I-180 are still regularly heard here in the early AM hours on LW but longer daylight hours & HNL herald the end of the TA DX season here. AU CX on 2/20 produced a few good LA loggings: R. St. Vincent-705, EE political commentary, 7:15-7:30pm; HGB1-735, Quito, R. Melodia, local pop mx; PZX-914, Surinam, R. Nickerie, DD local mx (1kw station which transmits programs also in Hindi & Oriental languages), 4VRM-895, R. Nouveau Monde, Haiti, FF/soul and local mx, 7:50pm, ZJB-885 Montserrat, W.I., EE-Calypto mx, 8:10pm (this is a new country for me), HJAJ-760 L.V. de Barranquilla, 8:35pm, NX. On 3/14, HJCY, R. Sutatenza, Bogota-810, was dominant o/WGY @ 8:45 & YVLX-570 R. Rumbos, Villa de Cura, dominant @ 9:15 w/SX. I am planning to attend NRC Convention in ATLANTA with my son Harry III, WD4ASJ, a well-known DXer on 90 & 60 meter tropical bands. He is an apartment dweller but will try BCB DX next season w/a R. West Ferrite Loop ahead of his WPR-4. It is worthy of mention again that the Autek Filter is very useful in coping with higher QRN levels. 73 & B C H U.

NEIL G. ZANK - 2445 "E" Street - Apt. 6 - Lincoln, NEBRASKA - 68510

My DX results are slowing down it seems, but I wanted to send in a Muse for my regional issue. DX this past three+ weeks follows: 3/5- WMOB-840 heard @ SSS o/WAS w/MoR & s/off @ 7pm with pretty good signal. KOSY-790 Texarkana, Ark. also @ SSS w/rr & PSM 7:50-8pm. I noted the last few words of s/off from WSO-800 New Orleans @ 7pm too, but too little for a report on this one. 3/13- WXR-1590 Swainsboro, Ga. new CP heard ETing with c/w & several IDs 1:45-2am with quite variable signal, pretty good at best. MM 3/20 brought TESTs from KPAR-1190 Albuquerque, at their c/on w/VID-CID into rr mx with Tony Martinez. I cassette-taped a few IDs from this one from my GE Blue Max transistor set on my desk. Quite good signal at peaks from this one. Also KIRO-710, Seattle, made it pretty good with multiple IDs from their s/on & for the next 20 minutes; much QRM from a TTer loud which I suspect was WB. Otherwise in my DX world I have been sending a few reports to previously logged stations for veries. These have included KLGA-1600 Algonia, Ia., KMAC-630 San Antonio, KKYX-680 San Antonio, etc. Veries which have filtered in are WJBY, WEXY, KHYM, KAFE, WMOB, KOSY, WCNB, KIMP, & KLGA. We are expecting a visit from that tall Kansan, ROB KEENEY, Easter weekend here. I am rather looking forward to the FM season now, hi. Last Summer brought a number of ECRs which have been hard states for me on AM, namely Delaware plus a lot more Maryland than I have on AM. 73s.

BOB MCCOY - 4105 Washington Street - Lincoln, NEBRASKA - 68506

Well, here is my contribution to the Miscellaneous States Musing edition. Whilst everything is not the best personally, DX at least has been great, especially for February. V/q in from WJAR gives me State #43; many thanks to CRAIG HEALY for the TEST! By the time you read this, perhaps I'll have bagged Delaware and made this a banner year. I've decided to report to stations a little more, so the mail has picked up here. My personal goal is to have heard & verified all states on the lowest possible power. I aim at one verie per state, preferably the lowest power catch. I realize that all cannot be 250 watters, but I'll keep trying. Highlights of the season also include logging WCNB-1580, Connorsville, Ind. on for storm emergency until 8pm on 1/27 (giving me 250 for Indiana), & helping ROLLAND LINDELADE bag a mystery Deutsche Welle transmission on 2/12. I was visiting Rolland's shack & envying his SPR4 & loop set-up while he was digging up Latin splits, when at about 12:14am we chanced on German on 826k. Level was generally quite good for most of the time, and the loop was to the SE. At 12:44, they gave a D.W. ID in German, mentioning North, Central & South America, played the IS, & then gave a Caribbean relay ID in EEL This was folo by a carrier cut and silence. There is no question as to frequency or ID, just the mystery whether this was a test of MW from D.W. relay or whatever? I hope Rolland has his tape recorder fixed so he can send a tape to the D.W. engineers. Something else I want to thank Rolland for is his tip on R. Amatigue-900, Pto. Barrios, Guatemala, in like bomb o/XEM 13-18 Feb., 7:30-9pm. To NEIL ZANK goes my thanks for tips resulting in logging KDMN-720 on SSS 2/19, 7:44-8:16pm, and KVM-970, Snow Low, Ariz., 7:30-8pm 2/22. DX TESTs from KPAR & KIRO were heard well on 3/20; WJW-1140 TEST 3/14 tentatively logged, as I heard tone but no IDs. 3/20 must have been National PoP morning, as there were dozens of unID TTs on the air. I'm saving my pennies for ATLANTA! 73s. (Oh, we're going to a penny arcade? -ERC)

ROLLAND L. LINDELADE - 1017 90th Street #2 - Omaha, NEBRASKA - 68114

Since I have not Mused this season I thought I'd try to get one in for Ernie's Nebraska etc. week. DX has been good here this season but has already started to slow down. The season so far has produced 97 new loggings, 79 veries, & a few relogs to close the gap. Of the CPC TESTs I heard WAGN, KVIN, KILL, WJOB, KIMP, & KRCC. I for one would like to thank the guys in GWDXA for all the WC TESTs this year. I couldn't hear them all but I enjoyed trying. It seems to me that the new sun-spot cycle is already affecting my DX. Most SSS catches have been from the S, SE, & SW with Alabama, Arkansas, Texas & New Mexico predominant when the past couple of years produced more from Michigan, Minnesota, Wisconsin, & the Dakotas. It has been a good season though with a new country verified, TUMA-900 in Guatemala, Province #9, CBA-1070 reported, & my best ever SSS catch on 1/5, KIBE-1220 in California. Totals are presently at 1,077 heard, 541 verified, states 45 of 45, provinces eight of nine, and countries 11 of 20 verified. V/s will be going to Ernie with this. To put new words to an old song I Like ATLANTA This Fall, How About You? I'm sure planning on it. Well, enough of this rambling, 73s & good DX to all.

GREG POOLE - 1730 Belcher Circle - Austell, Georgia - 30001

I imagine this Muse is late for the Southern issue, but better late than never. Since this is my first Muse an intro is in order. I'm 17 and a senior in High School, soon to graduate, at last. I've been DXing for about two years & am currently using an R390-A, TRF, SM-2, & a 400' LW. I've been a member of NRC for 1 1/2 years. Sorry I've never Mused before, but I hope to put my name in these pages fairly often in the future. If the other members who have been sitting back reading what the other members have been doing, as I've done, would get involved, this Club would definitely be the best Club going. Just recently, WIIIN in ATLANTA was sold and the new call letters are to be WKLS and even though it operates on 970 it will be IDing as 96-Rock and will simulcast with WKLS-FM in the morning period. I just received a verie from KKA-1560 in South Dakota. To end, I want to say that I hope to see everybody in ATLANTA come Labor Day. (Hi, Greg, and welcome to Musings! We will be looking for those promised Musings regularly! See you in ATLANTA - ERC)

NEXT DEADLINES FOR MUSINGS ARE: MON. MAY 15; SAT. MAY 27; MON. JULY 3; MON. JULY 31; AUG. 21.

T. J. CIELEWICZ - Box 104 - Denmark, WISCONSIN - 54208

Greetings to all from here in Wisconsin. The latest veries to arrive at the shack are from WCKY, KAAV, KSD, WMT. My totals now are: 59/183 stations, 17/29 states, and only 1/3 provinces. I started sending out reception reports at the end of last November and my percentage is 85.75%. My receivers are a TRF & an FRG-7 w/a 75' LW. No DX to report as of late, the noise here is like that of a semi-truck. And the frog is getting hungry. The set is a very durable one, believe me, I know. Once upon a long session of DX ago weak and weary we got up out of the chair and hooked the patch going from Frog to tape recorder - BANG! Off the dresser and onto the floor went the Frog, this is a three foot drop. And other than a broken DC connector, which was fixed in a second, and a nick in the cabinet the Frog was 100% O.K. What a relief! While the FRG-7 has much better reception capabilities than the TRF, the TRF is used a lot because of the nulling that can be done with the set. Having a longwire on the Frog is a real disadvantage. I need a loop real bad (anyone want to sell one?) 73's.

ART HANSEN Jr. - R. R. 2 - New London, WISCONSIN - 54961

It seems like a long time since my last Muse, probably because I never did before! So here I go. I'm 17 and a Junior in High School. I have been keeping a logbook for five years now, but just never occurred to me to send for veries. So, this week I started. I have some veries from my SW days. I'm happy to say I'm glad I joined. NRC has really made it easy to get a good start on the ole MW. Can anyone recommend a good receiver? I am interested in just exactly what "Musing" means - I have the general idea, but I'm not certain. We've had a good winter here in Wisconsin. We had only one major snowstorm where I live. The other storms went right by. If anyone in NW Wisconsin hears Lil' Abner on Channel 5, that's me. (We're glad you joined too, Art, and we hope you will Muse often - that is, to tell us what you've been logging, day by day - like in the Musing below! -ERC)

FOREST E. OSBORN - 202 North Jackson - Hooker, OKLAHOMA - 73945

It appears that Spring is with us out in the Oklahoma Panhandle as the air waves have begun to reveal typical Summer noises. Little time has been spent DXing since the first of March, but the last half of February did provide a little log material. On 2/17 @ 6:34pm EST, KIRL-1460, St. Charles, Mo. w/SID & an ad for Wiener King. At 6:56, WOKK-1460 Baton Rouge, w/female giving local WX. At 7:28pm, KSTR-620, Grand Junction, Col. with local NI & "K-Star" ID; @ 7:34, KSVN-730, Ogden, Utah with stock market, truck driving mx, femme with complete ID & address @ 7:41. 7:42, KDAZ-730, Albuquerque, with s/off. At 7:46, WJJC-810, Hagee, Miss. w/fiss. WX. On the morning of 2/18 @ 1:37am, KQNI-1280, Broken Bow, Neb. w/TT, ID @ 1:40. At 2, KSRG-1290, Socorro, N.M. w/TT & IDs every two minutes; on 920 from 2:09 until 2:17, someone running tones & frequency sweeps, looped N/S. On 2/20 @ 7am, WATV-900, Birmingham, with excellent full ID; @ 7:51, KBOA-830 Kennett, Mo. with fam markets; at 7:59, KCTA-1110 Humble City, N.M. w/s/on, On 2/24 @ 1:14am, KTLQ-1350, Tahlequah, Okla. w/TT & ID; @ 1:39am, KODX-1240, North Platte, Neb. w/TT & ID; @ 1:49, KSKW-1450, Woodward, Okla. w/TT & ID. On 2/27 @ 2:57am, KMOE-540, Monroe, La. w/TT & ID; @ 3:13, KIDW-1340 Sand Springs, Okla. w/WX, AM FM ID, & c/w. At 4:07, KLED-1480, Wichita, Kan. w/TT & ID. Well, I think I will send the rest to DKKD and see if this Musing gets to ERC in time for the March 27 deadline. The way the Postal Service operates out here, it probably won't make the April 3 deadline. I noticed in the 3/20 DX NEWS where GARY LOVBERN needed some help in QSLing KBYN-1210. I have a friend who works there & said he would help get QSL's, so reports could be sent to me & I will hand-deliver them. KBYN's owner is not an avid DX fan. 73, and good DX while the CX hang on.

RUSS EDMUNDS - Box 127 - Boonton, New Jersey - 07005

Good to see some other folks reporting r/cs of late in DDKD! My luck so far this Spring with them has been marginal at best - much poorer than in prior seasons. I also want to suggest that more people report log change stuff to DDKD as well! That goes for unnn stations too, hi. I wonder if any of you out there are interested in exchanging tapes of partial or total unIDs or unreadable (to you) IDs? Provided that you think there's a reasonable amount of IDable material there which you just can't get, it might be a good idea. Often I've had a tape of an unID and someone else has been able to pull it out and vice-versa. I'm willing to give it a go, but don't expect me to tapespond as well, hi. Time doesn't permit that, hi. I have capability for reel-to-reel at 1 7/8, 3 3/4, & 7 1/2 ips, as well as cassette (no "high output" cassettes, please - my machine rejects them). How 'bout it, STARR & others? The newest FM Atlas is now out, so those interested can now obtain them. Cost is \$3.95 & it's available from FM Atlas, Adolph, Minn. 55701. (That's P.O. Box 24, though where a counties list can be obtained for the entire U.S.? Recent DX is sparse, but I heard WMPX-1490 @ 1:20am 3/7 w/SX promo; WTSV-1230 s/on 5:30 3/8, with lengthy description of the studio & XR addresses, etc. Otherwise, nothing new. I have noted KCJJ-1560 even with or above the Cuban almost any night between 3 & 5am, so that's now a regular. V/1 from WDOT-1420 -TEST, no replies to tapes to KLII and KKAA, both 1960, yet. 73's.

ALBERT S. LOBEL - 10514 Caminito Baywood - San Diego, California - 92126 3/22/78

My IRCA "Advisor" column has gone monthly now. This will be for all time. It will give me more time to DX & tend to the business I'm planning to go into soon. All is fine here, except there's no new DX to report. My best to all NRCers, and also to Captain Glots, whom I miss very much, even if the LPC doesn't like the ol' Captain! Can't we have at least a good-bye word/picture from him? He was FULL!

HILL HARDY - 2301 Pacific Avenue - Aberdeen, WASHINGTON - 98520

I've been giving further thought to my plans for a Beverage DXpedition at Westport, Wash. next Oct. 7-9. (See the 2/27 DX NEWS). Someone, perhaps it was BRUCE PORTIZER, suggested Thanksgiving as an alternative. At first I passed over the idea because there wouldn't be any MM DXing. But then, it occurred to me, with the new 9kHz ITU plan going into effect @ 7pm EST Thanksgiving night 1978, why not try for the TP's on their new frequencies? I'm leaning now towards the idea of having two DXpeditions in Fall-1978. One will be the afore-mentioned Columbus Day weekend, 10/7-9; the other will be Thanksgiving weekend, 11/22-11/25. Even if nobody shows up except Nancy and myself one of those weekends, it will be worth it, since Beverage DX is so fascinating. With any luck at all, we'll add a new FRG-7 "Frog" RX to our equipment by then. The HE-30 brought in the KML-1270 r/c 2/25 as listed, & then a TT on 960 at the listed time for KFLN, but no ID, drat. 3/20 - I heard the KIRO-710 TEST as sked (a truly outstanding catch, hi hi). Otherwise, a few r/cs 3/6 & 3/13 are all the DX I've had! I think my new job has something to do with this. Starting 2/27, I took a "temporary" job at a local garden & pet store. I wait on customers, mark prices on merchandise, carry out 40-pound bags of fertilizer for little old ladies, get fish out of the tanks & birds out of the cages, and other odd jobs. I get Wed. & Sun. off (I work Sat.) & have to be on the job at 9am local time Mondays, so my MM DX hasn't been too hot since 2/27! But, I'd rather have the income! Maybe I should become a barber so I can have all Mondays off, hi. Sorry I couldn't muster up more DX to report in this Musing, but that's the way she goes sometimes. Nancy has been more active, so look for her Musing in this same issue (below). 73.

NANCY HARDY - 2301 Pacific Avenue - Aberdeen, WASHINGTON - 98520

Since Washington State is one of the featured areas in Musings this week, here is a Muse from the Evergreen State. So far in the month of March DX has been quite good, with four new catches. 3/9 - 8:59pm, KUDY-1280 Spokane, Wash. s/off heard weakly u/KIT. 3/10 - KUPI-980 Idaho Falls, ID & s/off @ 8:30pm following o/w mx came through L&C o/KUTI/WKIN. On 3/12 I finally got KXLE-1240 Ellensburg, Wash. @ 9:04pm "KXLE Nxttime 6:04." They were in surprisingly well w/pop mx & jx till 9:30pm tune-out when they went into Ae MX. Since I hadn't done any MM DX in a while, I thought I'd try 3/20 just to see what I could hear for the NRC Contest. I heard someone on 1470, and thinking I could use WHO for the contest I stuck around for an ID. Was I surprised to hear the ID @ 4:08am - it was WMBD, Peoria, Ill. The signal strength increased, and they were in good till 4:30+ w/MOR & a female DJ. We're still using the Lafayette HE-30 for DX, but hope to get a "Frog" sometime in the near future. 73.

CHARLES A. MCHARG - 12319 S.E. 23rd Street - Bellevue, WASHINGTON - 98005

Since the West has been sked, I think I had better Muse for the first time since I joined the NRC about one year ago. I am 57 years old and am an electrical engineer specializing in industrial power systems. My receivers are a partially modified Drake SPR-4 and a Realistic TRF. The antennas are a 40 meter dipole used with a coupler on MW & a wedge loop. A 2' balanced NRC Loop is under construction. The addition of a tape recorder is being considered. I started DXing in the late 1930's and went inactive in the 1940's. Interest was revived about two years ago when I was on an out-of-town assignment. My DXing is limited to weekends and an occasional MM, resulting in a rather thin log. The only verifications I am trying for are from CPC TESTS. (Hi, Charles, and welcome to Musings! We hope you will check in here often! -ERC)

RAY ARRUDA - 47 Burt Street - Acushnet, Massachusetts - 02743

I would like to welcome ROY BARSTOW of Teaticket back to the hobby & into the NRC. Big change in the conditions on the band from 15 years ago, Roy. My job takes me down your way often in the Summer, so don't be surprised if I pop in on you some day! MM 3/20 CX seemed good with the band practically static-free. KCRG-1600 very strong o/WUP on ET/OC 2:16-2:26 w/SIDs @ 2:18 & 2:25. KPAR-1190 TEST tentatively heard from 2-2:15 w/only bits of TT & what sounded like code @ 2:03 and again at 2:14. KIRO-710-TEST heard way u/WOR/CJRN with 400 & 1,000 Hz. TT, OC, but no positive IDs. Tapes sent to both KPAR & KIRO along with written reports. On 3/22 WKEW-1520 noted off in passing @ 2:23am, still off @ 2:37. MM 3/27 was completely opposite 3/20 with much noise and static crashes. TESTS from KNWS-1090, WAMS-1380 & WKIE-1540 were all tried for, but not heard. WIAP-860-TEST made it poorly in the static w/VIDs & 50's music from 12:30-12:47. Over to 810 to find un WYRE on ET with a variety of mx & ID @ 1:18. WHOO-990 was topping "Wizzard 100" at times on ET/TT/OC w/VIDs from 1:40-1:56. One verie back from WJGZ-940 Mich. for Feb. f/c. FRANK DALLIN & I have more or less committed ourselves into making a CPC effort over the Summer months to try and get a few stations on with TESTS for the 1978-1979 season. He's taking the even frequencies & I'm trying the odd (Like 641?? -hi -ERC) Some of you might want to try this while BCB DX is at a low point during the Summer. 73.

NORMAN A. SORENSEN, Jr. - 3107 Georgetown - Houston, Texas - 77005

Hi out there radio people. This is my first Muse, so perhaps an introduction is in order. I am 27 and have a BS in Sociology. I work in the family business making hairpieces. Besides radio, I enjoy Target Shooting & reading. I am also a chronic miss speller, ha! I haven't had much time for DXing in the past months because of work and sleep. I belong to several other clubs, but have been more of a reader than an active member. RXes include an FRG-7, XCR-30 & a TRF. Radio West did a very nice job with new filters in the Barlow. I plan to send the Yaesu in next for new filters. Other equipment includes an SM-2, a Slinky Dipole & a TG tuner. I would like some advice from members on how to keep a proper log - 'cause I don't. Ugh. I will try to attend the Convention if at all possible. You all be good. Good DX. 73. (WELCOME, Norman! We hope you'll Muse often! -ERC)

JEFF KITT - Box 31 - Neosho Rapids, KANSAS - 66864

3/21/78

DX this past year has been pretty bad - only five TESTS heard this season. They are WCAZ-990, KLUC-1140, KIMP-960, KPAR-1190 & KIRO-710. Veries have recently come in from CKIM-730, KPOW-1260, KSL-1160, KIMP-960, KOFTI-1180, WJBO-1150, KLWN-1320, WILY-1210, KNAB-1140, & WOAD-1350. I've added four new countries this year in the form of R. Paradise-1265, St. Kitts, R. Fabulosa-670 Guatemala, L.V. de Barranquilla-760 Colombia, & R. Maracibo-740, Venezuela. What's the address of R. Paradise, as I've sent them two letters with the WRTH address but both letters were returned for insufficient address. Also, if anybody has an SS report form that he can send me, please do so, so that I can report to the above-mentioned stations. My totals so far are 557/150, 41/37, 5/4, and countries, 12/5. I'm using a DX-160 w/a 4' vertical LW. If anybody has any old DX bulletins of any kind that you don't please contact me. 73s de Kansas.

GARY HOUEK - R R - Munden, KANSAS - 66959

Lately the only new station heard was R. Belize-834. On March 2nd at 12:04am, the signal was fairly good with no sign of WCCO. Recent DX includes: March 12- 11pm, PJB Bonaire fair signal, no sign of XEROX. March 13, 5:02am, CEL-740 Toronto s/on, then mx. That same morning @ 5:45, CKFH-1430 w/a religious program. March 14, a continuous TT on 860 then off @ 5:35am. March 17, WCLS-1580 Columbus, Ga. ID @ 9:27pm, very weak. Then shortly later CPOR-1570 ID @ 9:35 w/XERF not heard. The evening of March 19 stations heard were WHAM-1180 good @ 8:10pm, WCAU-1210 w/NX @ 8:13pm, & WABC-770 w/rr @ 8:28. MM March 20 there was a continuous tone on 1200 @ 4:42am. Then at 5:18, WAKY-790 Louisville ID & mx. So far I have 18 veries. That's all for now.

PAUL SWEARINGEN - Box 500 - Moran, KANSAS

I just can't miss the Kansas Musings, even though my listening this winter has been very limited. I noted Santa Clara, Cuba-840 totally obliterating WHAS 3/20 @ 9:30 pm w/cl mx - the first Cuban I've ever really enjoyed listening to. A few motheaten memories: My DXing started in the mid-fifties on a Radiola (RCA) table radio, purchased in 1944 by father. (I still have it, and it still works great). Until I discovered White's Radio Log, I'd collect newspaper listing and such as well as actual loggings of stations. When I took Spanish in high school, I discovered that not all SS emanated from Mexico. Many's the winter night I shivered in an unheated bedroom, wrapped in blankets, trying to eke DX from the Radiola and warmth from the bulb of a table lamp. I finally strung an LW between two trees and then the DX came rolling in - along with QRM and CW harmonics. Then my interest waned when I went away to college. I didn't really DX except by accident until 1975 when I finally joined the NRC - and boy, am I glad I did! 73s.

HARRY J. HAYSS - 9 Henry Street - Wilkes-Barre, Pennsylvania - 18702

EST

Oops, looks as though I missed the Pennsylvania Musers' column. WBAX-1240 suddenly went to a c/w format today from oldies A T-40 rr. Today, in this case, being Wed. March 22nd. The station's late morning, early afternoon announcer, Pat Finn, said yesterday at the conclusion of his program that he was leaving WBAX because of his disagreement over station policy, right over the air. Apparently, the format change is what he disagreed with. I also believe that this area's local toss-around, crazy Bob Woody, left the morning shift at the station also. Last time I promised some DX. I didn't do too much to speak of. There is a lot of noise in this area generated mainly by the TV cable wire outside. I had the RX on last evening 3/21 and noted the normal low-band SAs slightly enhanced. One of the main DXing problems here is local WLK which presents a splash problem from 910 to about 1060, a very sloppy signal. WARM-590 is weak enough here that they are just nullable w/the SM-2. Here is what little DX I have. 3/1- 5:40am, WXIT-1490 W.Va. fair w/rr & WX. 6:30am, WJSM-1110 Martinsburg, Pa. w/s/on, no SSB. 3/21, 6:35pm, WTHM-1530 Mich. way o/WCKY w/popular mx. It's amazing what this station can do! That's all from this side for now. I don't have too much time to take part in the contests now. Remember, my Goldsboro address is still in effect for Graveyard Achievements, although it doesn't make really any difference where you send them. I always get them. 73.

RANDY TOMER - Box 2674 - McKinleyville, CALIFORNIA - 95521

Howdy. I hope no DX experts have been wracking their brains on my 780 unID in the March 6 DX NEWS; I'm almost positive it was RNZ running a DJ/personality show. I got a little excited because I'm about due to log a 2kw Aussie, heck, they're always hearing and verifying our 1kw graveyards. One question, do any DU stations besides RNZ & ABC use time pips, & if so, what kind? By the way, my loggings in the March 13 DX NEWS were not done w/a Radio West Loop, I've never even seen one of these. (IDXD -ERC) All those stations were heard with my new 490' LW, an antenna project that has been real fun for me. Actually it's supposed to end up being a Beverage antenna, but hasn't quite gotten there yet. (The only "Beverage effect" noted so far was from all those Buds I drank while stringing out the wire, hi!) Progress on the Beverage was going pretty well until I ran into a particularly obnoxious swampy area, so it's temporarily stopped at 490' (I should have surveyed the area more thoroughly before starting, hi). Since my house is a real "local QRM" generator, my halfway-Beverage is led through 75' of shielded coax, & boy does that ever reduce local noise pickup! Receptions that are difficult or impossible with my amplified loops, due to local buzz, are L&C on the LW. I used RO-58U coax, but after reading the March issue of Speedx, I see that RJ-62U would have been much better; it has less capacitance & lower loss for non-resonant antennas. For NRC photographers, I sold my venerable Canon FT & six Canon lenses recently; I've got my eyes on one of those beautiful, petite Pentax ME's. 73's.

BILL COLEMAN Jr. - 114 Circle Drive - Rocky Mount, North Carolina - 27801 919-443-7282

I had a nice visit out to Los Angeles, back on 2/2/78, just in time for a big snow, hi! I had the chance to tour KNX, all-NX radio, 1070, CBS station there. I may be going back out again soon. I've been hearing an unID station on about 1670 kHz, program in SS, & signs off about 12:30am. The anthem sounds like a Cuban, but not sure?? They have a lot of ads and LA mx, & some ball games, in SS. Someone please mention in your future Musing if you have heard this also, or write me & let me know, I'm puzzled on this one. I've heard it every night for the past two weeks, and DAVE SCHMIDT has also heard the same. Could it be a Cuban off frequency? It doesn't check to be a harmonic or an image. I'm looking for a ride down to ATLANTA for the NRC Convention in September, and back, if someone would be kind enough to drop by Rocky Mount (just on Hwy 301 and Hwy 64) and pick me up, I'd be glad to share gas expense, please write and let me know soon if you are coming this way?? DX on 3/27, I heard the WXAP-860 TEST but someone had a strong carrier on top, possibly Canadian? 1:23, unID tester on 1500, playing piano instrumentals w/no IDs. 2:10, KMSI-TEST in fair. 2:28 WAMS TEST in fair but weak signal to be 5kw, lots of fades. 3:06, WJNR-1430 possibly running a PoP. UNID TTs at about 3:25 on 1260, & 1290. There were a lot of heavy static crashes this MM, we had a bad storm here Sunday night, so DXing wasn't really too good. I have a Hammarlund HQ180A for sale, excellent condition, & will take no less than \$300, plus extra for shipping fees, or pick up yourself. It has manual & 24 hour clock built-in, no speaker. Write if you're seriously interested, or call prepaid to above number. The best time is between 10pm & JamEST daily. Correspondence and phone calls are most welcome from anyone. 73s. Last minute hot news - WCHB-1520 TEST was heard on 3/28 with fair signals, but fades, with pest WKBW dominant.

LARRY VAN HORN - Route 2 - Box 270 - Brighton, Tennessee - 38011

901-476-3168

Well, greetings from the DX Capital of the mis-South to all. Lotsa goodies this week. Thing have been busy around here lately. A new RX is on the desk now. I decided to get a DX-160 this year instead of an FRG-7 and put my money into the antenna systems around here. Currently I have two 75' longwires. The axis on one runs ENE/WSW and the other runs N/S. I can switch at will or use both together which is 150' long, and usually adds about 25 units to the DX-160. I finally got all but the NRC Domestic Log (out of print right now) in the mail and the Pattern Book is fantastic, a true work of art. Station totals as of 3/27: stations 288/33, states 33/17, countries 6/2, provinces 3/0. Reception reports are out to KNX, KXOK, WCAU, WXAP-TEST. Veries in from WCCO, KOTA, WSPA, WLS, WJIB, WFO, WWWE, WBT, WTRO, WML, WABC, WJR, WEG, WHAM, WDAI, WCAU, WRVA, WBBZ, WSB, WBAP, WLV, WRA, WPCP. I still have 29 reports out as of this writing. Thanks to MIKE DETZ for the many calls (all long distance) and had a nice chat with GEORGE SANTULLI. I will be getting hold of BRANDON GORDON and a few others soon. It was great to hear from JOHN CALLARMAN again and I have some other updaters material for him. Well, that's about all this week, 73s to all and remember, GADS in '78, MADS in '79. 73's to all. C U N 14. (Please double space, Larry?? -ERC)

STEPHEN H. PONDER - Box 22635 - Fort Worth, Texas - 76122

3/30/78

Hello again. It seems like almost two months since I last Mused, all due to the old man schoolwork. Graduate studies are a little bit harder than regular college work, hi. I haven't gotten a chance to listen, but have received several veries. Latest ones in are: WJ- KFPS-960, XEPC-850, KEOA-830, XEPU-620, KBCG-1390, WDAK 540, WMI-570, XEL-860, & KIMP-960. v/FP/c- KRZI-1580, KRMO-740, KPH-1330, KZAK-1330, KKYN-1090, KRYT-1530, KVIL-1150, KJAR-1300, KYKR-1510, KJED-1580, KADQ-940, KIMN-950, WKBH-950, KDTI-1360, KLOE-730, WKBH-1520, KSPL-1260, & KORI-1000. v/q- XPRS-1090 & LCY-1380. XET-850 even sent me a station pennant! Oh yes - CE at XEPU-620 wrote me (in SS) asking me to send him a photo of my rig, especially my antenna. How do I tell him that all I used was my TRF? I hate to spoil his image of my fabulous rx & antenna, hi. Anyway, plenty of veries to keep the dol-drum away until tomorrow, hi. Totals are now 461/367, inching up there, card by card. It looks like Summer School will be only one course for eight weeks; maybe I'll have a chance to DX then, duing all the T storms & lightning and junk. I lack eight hours receiving my Master's Degree in education. Maybe some day I'll resign my current status as a professional student, hi. That's all from Cowtown. See you next time. 73.

STEPHEN MCINTIRE - 2225 Searle Street - Des Moines, Iowa - 50317

Hi all. DX the past couple of weeks has been slight, but some of it was out of the ordinary. 3/19- Tuning past 1540, I noted KXEL's blockbuster signal was nowhere to be found. Sure enough, they were off the air for a while & I got WSMI Ill. s/off @ 6:59 pm. Unfortunately, KXEL came back on a few minutes later, so no ZNS, hi. (Try NMs, Stephen; they're NSP! -ERC) MM 3/20- KPAR TEST in fairly well, 2:24 on. MM 3/27- WXAP TEST dominated 860 after CJBC went off @ 12:10, w/QRN from KOAM, XEBO, & possibly Clarin. I noted K30-1460 off again after 2; they seem to be off irregularly on MIs, 2-5am. (They'll probably be on during the KROV TEST, hi). WMBD-1470 was noted on RS, so they're probably AN-NSP again; groan & change your logs, boys. The surprise of the morning was WXIT-1490, W.Va. atop all @ 2:10. This was W. Va. #6 for me & two of them are on 1490! The other is WGBB on a TEST back in the 60's. No sign of DAVE SCHMIDT's WCHB the next morning; KOMA was really booming in. 3/28- KIAM-1530 Mo. noted w/Mont. NX, then local NX & ID @ 7pm. The next hour was spent trying to ID the station trying to make it in u/local KBAB-1490 (w/no help from the slop from super-local K30), but I had no luck. However, I did note that KBAB now carries Mutual NX & SX in addition to Ae. Rutles forever! 73 from QRM Valley.

UPCOMING DEADLINES IN PROVINCETOWN FOR MUSINGS & VERIE SIGNERS: MON. MAY 1; SAT. MAY 27; SAT. JULY 1; MON. JULY 31; MON. AUGUST 21; MON. SEPTEMBER 11; ENDING THE YEAR OF VOLUME 45.

MIKE HARDESTER - Box 2723 NRC - Camp Kuwa - Okinawa 904-01 (FPO 98778) Japan -OR-
 Box 2723 NRC - FPO Seattle, Washington - 98778 3/20/78
 Greetings! I hope this makes the special Musings Issue for overseas list-
 eners. As a bit of a re-intro, I'm 28, married, and have been DXing since 1968, & I believe,
 it was the same year I joined NRC. Various receivers have found their way into my "shack" &
 presently I'm using an SPR-4 and FRG-7; Sanserino Loop is in use, and a Heath IM-4100 frequen-
 cy counter is also in use for occasional PFMs. I've been on Okinawa, with the U.S. Navy,
 since November of 1976 and had hoped to do a lot of DXing, however the band CX here make the
 States look wide-open! Presently I'm into LW & SW, though I do listen to MW at times. I am
 hoping to erect a Beverage in the near future and see just what this area has to offer along
 that line; I am still trying to log my first USA/Canada station so possibly the Beverage will
 do the trick. There are only 406 days left on "the rock", and then we're headed Stateside!
 Best of DX to all and very 73.

JUERGEN TROCHINGZYK - Robert-Buisen-Str. 3 - 6090 Ruesselsheim - Federal Republic of Germany.
 Regard my ex-Hyattsville Md. address, almost two months ago I returned
 to Europe leaving me a little "homesick" for the U.S. My R-390A and plenty of other equip-
 ment survived the TA hop. Before that I had been travelling all over Venezuela with my Bar-
 low. Loggings there: Trinidad BC-730 5:10pm w/Indian film mx requests. NBS-610 Trinidad
 @ 9pm w/BBC NX + "The Voice of One" feature. R Grenada-535 9:40pm w/FAO Conference program.
 R. Paradise-1265 10:30pm w/"Deliverance Time" religion program. PJG2-950 "R. Curom" & 1pm in
 Paplamente w/"Noticias 850" & announcement of carnival shows. PJA8-1270 "R. Antillana" 2pm in
 Paplamente, political debate. PJA6-960 "R. Victoria" 2:55pm w/EE program with Pastor Green +
 informacion y inspiracion (3pm). PJA10-1325 "Voice of Aruba" 3:40pm w/EE pop mx. PJG9-2-
 1500 "R. Hoyer" 5:30pm w/orchestral mx from R. Nederland, Hilversum. HJZE-1110 "R. Piragua"
 8:10pm w/instrumental mx. YVZQ-1450 ID as "R. Alegre" (opp. WRTH), and from a hot and very
 SW corner of Venezuela, YVPJ-1330 "R. Rubio" w/telephone mx requests. MEL BERNSTEIN: I got
 WIRC verified after two tries and five months, no verie by WCCC & WPOP.

DAVE SCHMIDT - 42 Chelwynne Road - Castle Hills - New Castle, Delaware - 19720
 And now, a MUSE to amuse! March hasn't been my month, it seems, for DXing or
 other things! Our eight-month-old daughter has had much sickness, even one visit to the
 hospital for a week with pneumonia, plus a death in the family. It tends to leave one in a
 mood not to want to do too much. Anyway, to what has been heard/reported: 3/17- WHHI-1570
 1:16-1:23am w/r/c per list, dial tone, o/u Le Music Machine. 3/20- WDOC-1290 12:45-12:59am
 w/automated c/w, WHIO noted w/s/on @ 12:49am that morn, KPAR-1190-TEST, weak periods of TT &
 CIDs noted 2:03-2:25am until WDD hit the air, mostly u/GHTN, & WSR-1570 2:30-2:40am w/r/c
 per the list, using piano mx, o/u Le Music Machine. A few veries are in: v/q- WAPI-1070,
 w/l WFFX-1560, & w/r WUEZ-1480. Total: 935. With the WUEZ-1480 report, I sent a f/up for
 the old WLU calls, but the guy who answered thought it was for 1978, not 1976, hi! I thought
 I could have had a verie with two on one, but missed. They also sent me MIKE TUGGLE's re-
 port, veried the same as mine, so that has been forwarded to him. F/up's went to WTR-1450
 (has r/c right after WQHE on Tuesday AM), WCRJ-1530, & WFFX-1560 (already replied). I've
 noticed that 1320 is now lost to CFCM at night in this area, mostly them w/13-Q and nothing
 more. I wonder how they get away with putting so much signal into the U.S., as does CKRH-
 1430. One that has disappeared is CKRM-980 which hasn't been heard since September with the
 local-like signal that was noted then. (They've come to Provincetown, Dave, hi -ERC) That
 should be it from this end for now so 73s, & welcome to new member ED PHILLIPS in Phoenixville
 Pa.

JIM CRITCHETT - 1635 Walbridge Street - Red Bluff, California - 96080 3/27/78
 DXing is slowing down. From March 8 to 27 there has bot been much to report.
 Wed. 3/8 & Thurs. 3/9 @ 3am on 1240, KELK, Elko, Nev. has been on top at s/off. Tues. 3/14 @
 3am on 1300, KROP, Bradley broke through the hash there for an ID. Wed. 3/15 @ 2:08 on 1050,
 CUMB, N. Battleford IDed at the end of the NX. MM 3/20 from 2:12-2:20 on 1340 I heard TT but
 no ID by KSIL. At 2:40 on 1240 "You're listening to KEXY, Billings, Mont. on the air for a
 frequency test", a pleasant surprise. In spite of my dire predictions, at 2 on 1190 I heard a
 TT & CID w/KEX, & @ 3:03 a weak ID by KPAR u/KEX. Try Sundays after 3am, next DX TEST for
 Central & NW Coast listeners - KEXY isn't so strong here. Wed. 3/22 & 8:08am a small wire in
 the box on my Sanserino antenna broke. My electrician wife took the box apart and hooked two
 wires together and it worked, so back to 168-hour log filling. I have heard about all I am
 going to between 1 & 4am so I have started 7am, hoping for sons of stations, old & new.
 Nothing new, yet. MM March 27 I did not try for WKAP. XEPRS-1090 & seldom-heard KING ef-
 fectively cut out any KIMS, and KMS-AN ruined 1380; no WAMS. From 3:27 to 3:46 on 1400,
 KEMI was the only one I identified. No tone, and no sign of third month quarterly r/c by
 KMM - just too far away? If all near-by stations requesting call changes are granted, fu-
 ture goals will be challenges. I have a 3 x 5 card for each station heard on each frequency;
 so I have one for KEEZ on 600, and one for KGEZ on 1340. It is the call letters heard that
 are counted; not the transmitter locations, unless it is quite a distance, such as the 570
 station in Wichita Falls, which moved to Fort Worth, or KICK from Carter Lake, Iowa, to WOC
 in Davenport, to give WHO full time. Each DXer to his own standards. Just so you DX, and
 report to Ernie so we can try for your catches. 73.

AS THEY SAY IN CHARLOTTE, N.C., "WBT." "WE'LL BE THERE!" WE HEAR THEM ASKING IN PENSACOLA,
 FLA., "WEAR" - Wear? AND IN WARE, MASS., "WARE" - Ware? THEN COMES THE RELY FROM BATAVIA
 N.Y., "WETA" - "WE'LL BE THERE - in ATLANTA!" AS THEY SAY IN TOPEKA, KANSAS, "KIOP" - "KEEP
 THINKING OF PEANUTS."

BOB LAZAR - 406 Ogg West - Madison, WISCONSIN - 53706
 Here's another Musing with some more DX done during my Easter break from school
 in Port Washington. SM 3/26- KRAX-1140 poor @ 2:33am w/c/w during WRVA SP, bad WISN-1130
 slop. MM 3/27 was really great with ten new stations logged & it renewed my faith in the MW
 band! It started out at midnight on 860 as I waited for the WKAP TEST. I heard a nice ID
 from YNAV "Cadena Continental" on the hour mentioning their different frequencies in various
 towns. They also mentioned something about "las mas oidas emisorras unidas" which confused
 me at first because it sounded like an ID. WKAP was first heard @ 12:07am. They had 50's
 rock along with other kinds of mx & frequent VIDs. They were heard as late as 1:30 at which
 time they had a better signal due to some of the LA's on the channel signing off. (I'm not
 sure if YNAV had gone off or not). At 2:03 I was surprised to find an SSB on 1130 from NSP
 WISN. After WISN went off KWKH came in with a fine signal, almost as good as WISN. KLAZ-
 1250 heard @ 2:13 w/HX, rr, on top of the frequency with a good signal. At 2:22 I tentative-
 ly logged KGO-810 coming through KCMO w/a PSA & a California Grapefruit ad, tentative report
 sent. This is one of my most-wanted- I try for it almost every MM. At 2:30 I tuned to
 1380 to try for the WAMS f/c. I had no luck with WAMS but I heard a garbled ID from WENX,
 New York @ 2:30 through heavy QRM from WMBE & a strong OC. At 2:50 I tuned to 590 & mull-
 ed w/ to hear two newies: WFLO w/c/w, & XPH w/TC, "en la Pantera" ID, and panther growl be-
 tween songs. XEPH seemed to s/off @ 3. There was no sign of WRTH, normally heard in WDW's
 null. At 3:38 on 810, WKVM was dominant w/LA mx, "KVM" jx, and TCs between songs, sounding
 automated. WKVM is not listed as AN in the NRC log or WRTH but it looks like they are. At
 4:45 I heard another Puerto Rican, WKAQ-580, w/NX, TCs about once a minute, & WKAQ R. Reloj"
 SIDs. WESW & Herb Jepko were easily mull-ed. WMBE was off this morning & KREX was heard w/
 SS programs. I tried for KFAX after KREX s/off without success. So, even with lots of
 NSP's there is DX to be found on MMs. 73 and good DX to all.

JOHN KROMKA - Box 86 - Montville, New Jersey - 07045
 DX for me has been so GREAT lately that I just had to Muse. Three new states
 have come my way in the form of KFGO-790 N.D. w/f/c heard on 3/13 very weakly, Wyoming with
 KTW-1030 after WBEZ s/off & on 3/20 came my BEST STATION EVER as far as DX, distance, CX, and
 other variables are concerned, in the reception of the KIRO TEST which I barely heard with WDR
 ON THE AIR! I was hoping that WDR would have an SP during some of the TEST of KIRO but I
 guess that was too much to ask for. I tuned in @ 3:30am and could have sworn I heard TTs, so
 I got excited and called the GUDIX HQ and the gentleman I spoke with told me that the CE at
 KIRO was testing & I attempted to hear what he told me but I didn't hear anything this time.
 He told me to call back if I could pull them in because the CE wanted badly to reach the East
 Coast with WDR on the air. So, I decided not to give up and kept listening and yet I again
 heard some more TTs way behind you-know-who. By the way, I don't use a loop antenna so all I
 could do was null them out ever so slightly with my non-DX machine, a portable radio! I jotted
 down the start & stop times of the TT & called them back. I read off what I heard & it cor-
 responded exactly with what the CE tested and at the right times. He was happy that I could
 hear them and you don't know how good I felt! (Later on, I couldn't fall asleep, but I sure
 did in school, hi!) I just sent them a report with more details and I can't wait for that
 Washington verie. With that state I now have 43 states represented among my 1,190 stations.
 Other DX: 3/19- WMM-1260 @ 6pm s/off very poor. I need five more to complete Connecticut.
 WYRE-810 6:15n s/off mixing w/WED/WXY. Also on MM 3/20 two f/c's were heard: WREH-1350 at
 12:07am w/TT & ID & @ 1:30 WAXL-1230, good reception on both. 3/21- WSID-1010 6:15 s/off u/
 WINS, rare, WBBA-1580 7:15pm s/off very weak with mention of FM affiliate. 3/23- WMOQ-1170
 5:45pm s/off weak way u/WBRI, WAMD-970 w/AC NX @ 6pm, poor. WBEK promised me they would TEST
 but you all know what happened, those who tried & didn't hear anything - they weren't on. As
 some of you may know they tested three MMs before their CPC TEST date & then copped out.
 Well, I'm glad some of you nabbed them when they were testing. I hope that doesn't happen
 too often with other TESTs in the future. I just turned 16 the other day and DX is still
 my #1 pastime. Adios and 73's for now.

BOB BAKER - 24516 C.R. 38 - Goshen, Indiana - 46526
 Enclosed is a clipping from last evening's "The Goshen News." I am familiar with
 WFWR, a Fort Wayne daytimer at 1090. It is a sister station of WCMR Elkhart, 1270. We live
 just five miles S in the main lobe of WCMR's day & night patterns. We have had the snow this
 Winter & now the floods. I remember about ten years ago when one night they announced on WOI-D
 -1190 Fort Wayne about one of their three directional towers being under water & they were
 transmitting about 17kw non-directional that night instead of 50kw. Perhaps some DXers nor-
 mally to the West in their nighttime null may have easily caught them. Some may even remem-
 ber over 20 years ago when WOI-D was 10kw non-directional day & night. I am glad to see in
 the latest AM Switch where WFWR has applied for nighttime operation. If I run across any
 more news articles of Club interest, I will pass them along. So long for now. (Forwarded to
 Louisville HQ, which is where ALL clippings should be sent -ERC)

BRANDON JORDAN - 4821 Arms - Memphis, Tennessee - 38128 901-388-4166
 Hi everybody! I just don't get around to Musing as much as I should but I'm
 going to put more effort into it. I just finished 10 kHz readout on my TRF & it works per-
 fect. It only took me two hours to do it, thanks to GERRY THOMAS and CHARLIE BARFIELD. Now
 to modify the external antenna Jack as in CHRIS BOBBITT's article in 3/6 DX NEWS. KPAR-1190
 TEST came in fair & report off today, my second TEST heard. Being's it's only the second TEST
 I've tried for I'm doing OK (100%) hi. I also heard the WCAZ-990-TEST back on 11/14/77. Re-
 ports are going out to daytimers this week. I'd like to see more articles on fixing the TRF
 up. I'd like to welcome GEORGE SANTULLI III to the Club. I'd like to get in touch with any
 DXers around Memphis. Best DX to all & let's help (?) Ernie out & Muse more often. 73.

CESAR OBJIO - Calle Enrique Henríquez 69 - Santo Domingo, Republica Dominicana

Hi, friends. Can you imagine three days with most of Dominican stations off? Well, this usually happens in this country during the Holy Week; Thursday, Friday, & Saturday. In Santo Domingo the only stations on were: R. ABC-540, T. TV Dominicana-620, R. Universal-650 (was on for 24 hours as they had a speaker intending to break the world record working continuously for more than 113 hours without sleeping. Is that true? He worked during 115 hours.) R. Guarachita-690, R. Unión-1570 & R. Femina-1597. In the country not many were heard. I took advantage of this situation and Dxed a lot, you can see my reports in IDXD. Besides, I was in New York during the week of March 11-17, just for business and had to withstand cold, rain, and snow, and returned with a cold that lasted through the Holy Week. So I could not do as most of Santo Domingo residents do, that is, to go to the country or the beaches to spend the longest weekend we have in the year: Friday, Saturday, & Sunday. When I returned home I found three copies of NRC and the new 1978 WRTM, so I had time enough to read them. Well, this will be all for the time being. I hope to meet you all in ATLANTA.

MORTON D. HEEHAN - 7682 North Star Avenue - Twentynine Palms, California - 92277

I haven't been at the DX Cottage as much as I'd like recently so I haven't anything sensational to report. All that good equipment is lying idle up there on the high desert. On the first day of Spring, 3/20, I went up there & herein are the results of that trip. Turning on the Radio West FR3-7 @ 2:36pm EST (I wish I didn't have to convert from PST) I had KTMD Wyo.-1030 KZ (I wish we still wrote it Kc). Since Casper, Wyo. is 800 miles away this is good moontime reception, I think. Lexington, Neb. is my best all-time noon reception at 1,000 miles. I'd be interested in hearing how some of the other DXers do with daytime DX. Once I thought over 300 miles was daytime DX - now I figure over 600 is excellent. Later @ 8:45pm (that's still daylight out here) KJWU owned 1250 with their National Public Radio programs until WREN Kan. started to override then w/NX. With my daytime local off I had expected KJMS on 1250. I've often heard WREN evenings so they must be throwing their signals strong this way this year. Using my Sanserini Loop @ 10:07pm I was able to listen to NX from KRMG-740 Tulsa w/KCBS. My evening test station WCOO had as much noise on it as KTMD (K-2) had at noon. But at 11pm WJAM was completely covering Coffee (KOFI) so explain that. And at midnight EST my faithful old loop quieted KRCA and let KFAB pop in and on 1020 it gave me KBCQ N.H. o/Los Angeles! 10-Q. On 1010, as expected, CER Calgary had KGHJ Delano in the background. My Palm Springs daytime local only 40 miles on the other side of the Joshua Tree National Monument dies at night. And @ 12:30am with the powerhouse KQYN off, WCAU had a nice signal with NX. KQYN-1210 comes in here stronger than WDAI nightly. Feeling tired, like old men get, I took a nap & didn't get back to the dials till 6am 3/21. At t at early morning hour I knew Spring had arrived as it was still warm outside at 64°. Noise was lower at that hour & WCAU was filling the room like a semi-local. And to think I can't get Hawaii much less miles away! On the loop it was no trick nulling KTRB-860 & bring in KOAX. This is the same KTRB that was a powerhouse when I lived in the Bay area & along the Coast. At 7am KP0F-910 s/on, Denver. Made me think of the 30s when WAWZ "Pillar of Fire" also used to come on in N.J. for two hours in the early AM on 1350. They had 500w & shared time w/WENX in the Bronx who had 250w. Four stations shared 1350 in the N.Y. area. At 7:07am I noted religious mx on 890 & it didn't sound like LS so I waited to learn it was KBYE. I notice some of the bl-club members send carbon copies of their reports to each club. I've never done this & wonder what ERG's feelings are about this. (Three guesses, Mort, hi - ERG) (Actually, this section is for DX, while theirs is for talk ONLY, Mort, so really there should be no carbon copy stuff -ERG)

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

KPAR-1190's TEST had a rougher time of it than expected: The WHAM splatter was anticipated, but WDAI was testing w/mx & TT a good deal of the time, plus WDAI was doing whatever kind of testing it is that produces silence on the tester's frequency, but throws a hum on both adjacent frequencies. No WIDs made it, but code was audible at 2:16:25, 3:40:15 & 4:02:40. I was able to recognize 14 records during the two hours, but they may have been from CHIN. However, Joni Mitchell's "Help Me" was mixing w/"Three Dog Night's" "Joy to the World" @ 3:43:40, so hopefully KPAR was one of them. If anybody got easy copy on the TEST & could drop me a card w/a few of their song titles, it'd be greatly appreciated. While trying for the KIRO TEST, I noted a Stylistics record w/ADR @ 4:15, but a call to GNDXIA HQ netted the info that KIRO was using only TT/OC/IDs. I could hear a TT starting up in the background as I spoke with the guy (around 4:50) so I rushed back to the TRF & sat on 710 till 6 - no TT was heard. I guess that state is just as high a latitude that it takes exceptional CX to hear it, regardless of kilowatts. MM 3/27- Unn WXAP-860 TEST heard well 12:32-2 w/rr from the era of clear frequencies; KNWS-1090 weak but welcome u/XEPRS w/TT & long IDs mentioning GNDXIA. While trying to ID KNWS @ 2:03, I noted CBS NX on 1100 coming in pretty well. "Hi'm, WJWE must've changed networks & they're testing right now a/an A/R of 5kw or so" I thought. "No way it could be KREX with that good a signal - never a peep out of them before." I was wrong! CBS NX was solo by Colorado NX, patriotic monologue by John Wayne, read over "America" & s/off announcement @ 2:10. With WJWE off, this should have been audible anywhere West of Pittsburgh - I hope many nabbed it. Must be another W.D.E.-style out-of-whack pattern. WAMS-1380 not heard, but will be tried for again in April & May. Best of DX & 73.

BILL HARANG - 811 Nevada Avenue - San Jose, California - 95125

As I said in a previous Musing, KFNB is the three Rs of all-NX radio. Perhaps that explains why, when the 1971 earthquake struck Los Angeles, listeners tuned to KFNB by the hundreds of thousands. Their ratings almost tripled that day & the next day; KJIX' ratings increased only 25%. KFNB is like a tabloid newspaper. KJIX is more like the (con'd)

(Harang) the New York Times. It just keeps pumping out the news, more news than you could ever want to hear in your whole life. KNX has tried to brighten its format in the last two or three years, but it still is sober and more sophisticated, KNX blends network celebrities like Walter Cronkite and Dan Rather into local programming that is serious minded. With the three NX stations, KFNB, KNX & KABC (newstalk), you have approximately 60% of the people listening to NX in the morning. NX has been a habit to Americans for a long time. I believe that radio is a habit. People oftentimes don't realize its importance. When you think of radio, you think of music. But for the impact of news, particularly in the morning, all you do is look at the numbers. In delivering the day to day news broadcasts - specifically in KFNB's 22-minute cycles - the repetition factor sets in. A station has to walk a fine line will strike some listeners with a feeling of amazement. Another difficulty in an all-NX operation is the sophistication with the way people are using the media these days. The better and reliably report on what's going on. And considering the nature of man, there will always be people learning new ways to use the media. It's an old problem and it will continue. And it is also one of the hardest things an all-NX station has to deal with each day.

STAN MORSS - Route 3 - Bradford, Massachusetts - 01830

3/20- KTMD in fairly well to 2 s/off with female speaker. 3:47am, I had 1590 tester giving ID "Country Living on OK-16" o/WJWQ & u/WAKR so a query to WJWQ. 3:26- SSS found WFLN-900 like a bomb at 5:40pm so a quick trip to 800 & when WCGM went off there was much wanted WTRR very weak mixed with WJAD who s/off 5:55, then JRM by WJVS till 6 when WTRR s/off. WTRR DA must be away from me as I've tried this trick before and only weak peeps of WTRR before. Verie, CJJD who said CJMS must have been off for PoP as CJJD is due to be off for theirs soon. 3/27- WXAP-860-TEST copied but seemed very weak - better after 2am. 1280 was free of Canadians, no CJMS, CKOV or CJJD - but there was a weak AN phone-in talk show, & a loud hum there all NX also, so I never could pull an ID - I thought I caught a couple of mentions of Pa. though. WJST on top of 1240 & WFAI on 1230 with its AN show - nothing unusual on 1340 or 1450 or 1490. Local WLLH covered 1400. HJEL-1160 R. Aeropuerto strong on AN show @ 3:30 and uses its call letters in a long ID. SS also noted at 4 on 1240 but WJST was too much for it. CKLM weaker than usual & old friend XERF noted. WJN was off & CHUM & XEB were in while trying for CFYU's AN show. WJEE dominating 1480 o/WJIT all AM & WJEX was off & no sign of CJRS, all WJAC. AN on 1550 seemed to be WJWJ - pretty weak on voice, but that mx made it. WJGE also noted testing on 1590. Spring has finally sprung so DX is out till Fall. Glad I got WXAP. Kowadongal (as they used to say on "Howdy Doody") a friend gave me a call at noon 3/30 saying WJAV would go off at 4pm for an hour so the power company could make a replacement. At 4 I was ready - mx off at 4; carrier off @ 4:03, and the first sound I heard was "MRC NX time is 4:03"! MRC was about equal to WFOR with a third (WJVT, I think) very weak. That completes Massachusetts if they verify - and I have a good tape in the collection. WJAV came back ahead of sked at 4:17 - so a welcome way to end the DX season with a bang instead of a whimper. (Congrats, Stan - nice going! -ERG)

NEIL KAZAROSS - Union College - Box 1024 - Schenectady, New York - 12308

In response to ERIC FADER's request for more discussion type material in Musings, I have decided to tell how I first became interested in DXing. It all started about 13 years ago when I was listening to Red Sox BB on local WEAN-790. I was just slightly off frequency & I had the little portable RX turned by coincidence to just the right angle to null the splash on 800. Much to my surprise I heard rr & a CKLW ID. I was amazed to hear a call beginning with "C" & I spent the rest of the evening trying to log other distant catches. I didn't begin serious DXing until late 1971 when I received a Masterwork multiband RX for Christmas. I now use a TRF which is slightly more sensitive than the Masterwork. However I am not pleased with the selectivity of the TRF, especially next to rr stations. For example WTRY at a distance of 160 miles will splash 990 when WTRY is coming in strongly. After 1am WPT & CKLM clobber 1550 & 1560. Local WEAN-790 will sometimes splash WY-810. I don't know if all of you others who use the TRF have this problem with strong signals - I've never heard similar complaints. If anyone can tell me how to alleviate the problem I would appreciate their advice. Anyway I am looking for an HQ-180A for next season. Now for some DX while I was at home for Spring break. SM 3/19 on 1410, WPOP was off & I heard a CFMB ID at 3:15 mixing w/KQV/CIGO/WJNG-TT. On 970 I heard unn WJWJ WJET on past 4am. Murphy's Law definitely applies to any TT that I hear. If it IDs it will certainly be somebody I hear every night on RS. If I need it, the ETR will never ID. Later 3/19 I nabbed WSEP s/off @ 6:45 pm on 1580. On 725, Surinam, the easiest SA split here was very strong. MM 3/20 on 580 it was Cuba & WKAQ battling for top honors. WGY was off so newie CMJE was added with poor to fair signal w/ml mx @ 7-670 & 690. I don't want to run over 30 lines so 73s & let's hope that the T-storms are late this year. PS- I also had YVTA-990 R. Tricolor on 2/12 - some day I'll catch ERG's TG on 1240! Best of DX to you.

ELLIOT R. STRAUS - 72 Sweet Briar Drive #4 - Clark, New Jersey - 07066

Very little to report of late. The last two MMs have been busto. Without some recent varies there would be zilch going on here, due to school & work. No weeknight DX for two weeks. Varies in are: WTRR-960, WANS-1280, KNEI-1530, & WDEB-580 to total 571. MIKE HOPKINS: Thanks for the info, & we'll both keep hunting, OK? Anyone trying for the NYC pirate on 1620-30, he's had a different call each time I've heard him. MM 3/27 sounded like Summertime, with what sounded like electrical storms so I hung it up and watched TV. Hopefully there will be more to report next week. C ya.

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

MM 3/20- Intolerable local noise levels killed any chance of a good session at the dials. UnID TTs on 1340 & 1500, 1:39am. Cuban-580 on top strongly, 1:42. WFL-560, a semi-local, seemed to be the one with annoying high-pitched TT, 1:44. Rucker underneath was likely unnn WHYN, Mass. 3/29- 8:08pm, CFOR-1570 was way on top w/r/r. Not that unusual, but I haven't yet figured out what CX cause CKLM to be weakened. 'Tis a puzzlement. WHHH-1440 seems to have had a minor format change. I'd call it "pure MoR" now, not their former clustered instrumentals. A quick listen turned up Andy Gibb, Lou Rawls & some EZL. Tonight apparently there are good TA CX. I had a het on WGY from 809, so I imagine those with big rigs must've been pulling in the TAs, also a loud het from Guinea-1403, 8:26pm. Strangely, R. Aeropuerto was in, albeit weakly, on 1160, at 8:45. That's all for now as the season winds down. 73.

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

It seems that the warmer & noisier it gets out, the luckier I get here in the den. Three new ones this past MM 3/27 - and all W's for a change. Log reads: Unn WOV-590 w/r/r oldies 12:23-12:39 NX. Local WJCA noted off (and no TT this time) from 12:35 on. There was the usual lurking garble of directional-away-from-here regionals, & I didn't expect even a clear ID from this - unnn or otherwise. But up faded the end of "Meet the Press" at 12:50, into a Bible thought, & WJNC Asheville ID, s/off @ 12:53. They mentioned "Back at 5." The WJAF TEST made it here, two IDs caught on either side of what sounded like c/w, one @ 1:38 & one @ 1:41. Old friend/unnn KAAV was caught & taped just before their 2:01 s/off o/"Take Five." All gone @ 2:01, no SSB. I almost forgot how much I enjoyed their AN conservative jazz show while I was vacationing in Florida in 1969. The AN laundromat down the street (with their AN soda machine) used to have 'em on all the time. The third new one (finally) was a positive ID from WMOE-1050, & a ton of brix signal from 2:25-2:42 tuneout. I really don't know where they came from. A half hour earlier it was R. Nacional and another SS. I've heard that WMOE goes non-directional as their new XR gets nursed, so maybe this is the case. I can't figure any other reason for arbitrarily shutting off all the towers but one, unless it's coincidental w/a KTW SP, as was the case last night. XEB-1050 also brix, booming in o/nomally omnipotent CHUM. And lastly, my "Beazilian" of 3/20 turned out to be WQBS-630 Puerto Rico, via two sources: One, DAVE GLEASON's IDXD tip in DX NEWS #22. The other source was WHYG's Reyes Burgos, who's studying for his first ticket, and we didn't have the opportunity to decipher the week's unID SSES (but he did peg the 630 SS as either Puerto Rico or Venezuela just by its sound) in the usual in-depth way. Hence, a taped mention of "Brazil-11" led me astray and led to a bogus IDXD "catch". I figured speed rather than accuracy might be better so I reported it as such. Let this be a lesson to me! One verie, WTR-960 v/f, for 1/30 reception. 73.

TOM FAWCETT - 785 47th Avenue - Lachine, Quebec - H8T 2R2

Greetynge. Ye olde DXe has truly bene respectable here up untill ye laste weekende. Ye olde LAS noted nyghtlye fromme yon Marche 16 till yon 25 of same, butte thenne on ye Eester morne didst receivee somme nyne ynches of yon whyte stough (hi hi). Since thatte dayte, has ye olde DXe bene non-esistantte. Thatte, coupledd wite yon facte our newe teviewer has bene identified as one terryble source of TWIE, has mayde nye lystennyng of layte verye frustraytynge. However, didde I on yon 3/25, @6pm, till patternne-chaynge atte 6:30, note Rugg's 'I baleyre' CKLD-1110 kize. On yon serioussse note: Upon yon Februarye/Laste didde I heare one staytyn upon 1570, whilst ye peste CKLM was sendynge an OC upon yon sayme channel. 'Tis nye baleyffe thatte twas yon XERFFe, butte 'twas alle in ye olde SS. Neverre did I receivee one ID, ande atte atte yon sayme tyme, am I notte sure thatte 'twas verylye upon 1570 kize. Thisse one didst sounde lyke yon XEWAYe-540, atte tymes thatte I have heardeed thatte one, wite talke bye a manne soundynge symular to pollyticallye-pyrentedd talke. I didde notte liste himme, butte he is inne the booke as TEJTe. Also, he didst loope in an XRYe dyrectyon (Sw). Butte thisse growes tiresomme ande dyfficultte. Thusse, gwaith & pon-tarddulais (73 & DXe), from Tom Fawcette, ye olde Englysheman, hi hi).

BILL WURTZEL - 32 West 31st Street - New York, New York - 10001

212-594-8332

Here is another poem of domestic DX:

While the wife was cooking beef stew
I sat back listening to Buffalo's WKEW
Last night drinking ale at a local bar
The TRF tuned in KSL, Salt Lake City Utah
Turning over garden soil with a hoe
I pulled in KOA Denver, Colorado.
As I was filling out my income taxes
I was listening to WEP, Fort Worth, Texas.
Out on a hike I went roaming
And heard KTAD from Casper, Wyoming
Slipping on a sasparrilla soda
I pulled in WNAX, Yankton, South Dakota
Out on the golf course taking a putt
I heard pop music from WDRG Hartford, Connecticut
So I couldn't DX tonight in the attic.

I asked my boy "What's gotten in ya?"/gimia.
He said he wanted to hear WRVA Richmond, Vir-
Out in the garden I was stung by a bee
To the tune of a song over WJZZ Miami
While the dog was chewing on a bone
We pulled in KXL, Portland, Oregon.
Looking out my window for something to see
In came station WHAS, Louisville, Kentucky.
Turned out I saw a goat, ah! /Minnesota.
Then we caught a weather report from WOOD in/
I had to call the A S P C A
At last we heard WHO, Des Moines, Iowa.
A thunderstorm was causing static
So I couldn't DX tonight in the attic.

So long and 73, from a DXer who got stung by a bee.
WELL, THIS WAS A BIG ISSUE FOR MUSINGS - SOME OF THEM HAD BEEN HELD OVER FROM THE PREVIOUS ISSUE AS WAS EXPLAINED IN THAT ISSUE. THIS CLEANS US OUT OF EVERYTHING IN THE MUSINGS FIELD THROUGH THE MAIL OF MONDAY, APRIL 3. WE HAVE A PILE OF VERLE SIGNERS TO COMPILE AND TYPE, AND THEY SHOULD BE READY FOR THE NEXT ISSUE IN TWO WEEKS. SO, PLEASE SEND MORE, AND DON'T FORGET TO MUSE AND TO DOUBLE SPACE, AND STICK TO DX OR DX-RELATED SUBJECTS. USE E.L.T.

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

CHAPTER LXXX - FRANK WHEELER tells of some of his early-day catches.

Some distant catches I picked up in those old days were: 1YA, Auckland, New Zealand, which I received 18 times. KGU Hawaii, VAS Glace Bay, Nova Scotia which was my first verie. LR-1 and LR-5, both Argentina. PRF-3, Brazil, YV1BC Venezuela, HHK Haiti, and some low powered stations in Canada: 10-AK, Ontario, 15 watts, 10-AB Sask., 25 watts, and some of the 100 watters from the Pacific Coast like KRRR Oregon, KYO California, and many others. I wonder how many got the old Erie stations, WJFP, WJEX, WRAX, and LEBW? All the stations mentioned have been verified. HNL WAGNER and HARRY GORDON were using Scotts and I was using just plain old Sears Silvertones, six, nine, and 12 tubes; a Grunow, an eight tube Westinghouse, an S-38 Hallicrafters, and the present Hallicrafters S-40-B. I have used 250', 200' and 100' longwire antennas. When I got my first foreigner, XEW, I awakened the whole family to listen to it. Maybe you would want to save this for the Pennsylvania edition. Hats off to our locals WJET, WRLE, WJGO and WJLK who announce their calls often, even though they mess up 1400, 1450, 1260, and 1330 frequencies for me. 73s.
ON HAND WE HAVE CONTRIBUTIONS TO THIS COLUMN FROM: PETE KEMP, STAN MORSS, TED FLEISCHNER, NEIL ZANK, RUSS EDWARDS, BOB SILLBOE, KEN CHATTERTON, ARNY RUGG, & VERNON SHEARER. NEXT TIME WE'LL TURN STAN MORSS LOOSE AS HE TELLS US ABOUT DX IN THE TIME OF WORLD WAR TWO.

ERNEST R. COOPER - 5 Anthony Street - Provincetown, Massachusetts - 02657 617-487-9337

Only one verie is in since we last checked in here, WJX-1600, for #4,088. And, with WJX's came the bad news they will be NSF when they go fulltime sometime this Summer. DX: 3/15- KET in great today; TTer on 1260 3:28-3:31, unID. 3/18- More unID TTs, on 1370 1:24-1:33, & 1250, after that. And, FF NX heard on 818 @ 2:02, Andorra, no doubt, unnn. SM 3/19- Unn WBRK-1560 testing, with scant-few announcements w/mx, 1:17-1:47. The FFC was very weak on 1240 today, no report possible, & unID SS on 1140 @ 2:19, did not sound like DAVE GLEASON's WJIL. And, fairly strong SS on 945a 2:50-3:33, I couldn't pull an ID that I could associate with other than "La Voz Atlantico". MM 3/20- Unn WJEL-920 noted on top @ 1:32. TTer on 560 @ 1:41. And, WJBD-1470 now seems AN MMS. The overgrown children were at it again down in Brooklyn on 1630 @ 2am. No KPAR-1190-TEST, too much CHTN & R. Cordillera. I hope you alert young men were on 1230 & caught one of my rarely-DXed locals who was testing most of the morning w/MoR - WESX, Salem, Mass. Unn CUCB-1270 was AN today. UnID TTer on 1580 @ 3:45+. 3/22- Unns WVOK-690 & XREB-740 noted around 2am, & CBK making it on 540 @ 2:04 end of NX. Somebody on 548a seemingly in German, but not sure, & unID TTer on 1570 at 2:43. 3/24- TTer on 1540 @ 12:56, fairly loud, giving WPTR fits, may have been WRCP, as they were heard a few days later testing. 3/24- Unn WJFA-1590 ETING w/MoR 2:10-2:17, & 2 unnn CHIC fighting WEAN-790 today. 3/25- TT-1480 1:21-1:30, somebody's r/c? WVOK-690 ETing again. SM 3/26- KFAB-1110 was in solid this morning, day pattern, mayhap? Noted 1:01 & on. KTW-1060 announced they'll carry all the Phillies' BB games this season. TTer on 1510 w/WJX @ 1:53, then TT on 1500 2:12-3:01+, no words. WPOP-1410 s/off SMs @ 3 for adjustments, but is often back by 4:00, so it's a shortie silent period. Noisy MM 3/27- WKAP-860 made it this time even with the brutal static. Hey - WPTR-1540 telling us "we don't yell at you - we talk to you!" That's a switch, and also they don't slop so much suddenly! Hurray! Several ANs were off, like CKLM-1570, WJCA-570, WJEM-1520, WJEX-1100, WJMX/CJRS-1510. Unn WJMS-1380 TEST made it & verified my thank-you card! Who's got AT-40 on 850 circa 2:45 when they had selection #30 then, PAUL MOUNT and/or ERIC FADER ought to know! Unn WRJZ-620 atop 2:56, & NNW WJNT-1270 @ 3:31. 3/31- WRCP-1540 testing; WJDC-1290 atop @ 1:59; TGK-1240 in again @ 2:02 s/off, & Tri-color-990 @ 2:27, Venezuela. 4/1- On the tips of DAVE GLEASON & BILL ANDRES, I tried for and landed WQBS-630, San Juan, "La Gran Cañal"; reported. SM 4/2, noisy- TTer on 4320 @ 3:10; WJVA-1170 did not observe his first SM SP today @ 4. MM 4/3- WJCA-570 off again but on OC some of the time; Newfoundland & WKBN in there. TTer on 1560 giving IDs but too faint to hear 'em, 2:28-2:35 firmsh, maybe a r/c. CJRS-1280 off again, maybe silent 'tis now? On 860 @ 4, I heard simply, "WAMO, Pittsburgh." Has WJZ gone back to those calls? WJZ is needed so a report to them to see. 4/4- Yoiks, WJZW-1590 is now AN-Larry King-Mutual, foole. WJDC-1290, c/w, IDing as Country 94, WJDC-FM, 94.1. TTer on 1470 most of the M. C U N 14.

At long last, our "chance" to be Musings editor here at HQ. Seriously, this Muse was received too late to forward to Ernie. Welcome Jeff. Report again soon.

JEFF LOCKWOOD - 3131 El Prado Blvd. - Tampa, Florida - 33609

I'm a newcomer to NRC, so first an intro. I'm 19, a junior at University of South Florida majoring in chemical engineering and studying for my B.S. and M.S. which I hope to obtain concurrently through a special 5-year program. I first started DXing about 4 years ago with several receivers, my favorite being a Midland International 11-520 which covers 540-30,000 Khz as well as FM. Although its present performance on MW leaves something to be desired, its bandspread tuning should be an asset with mechanical filters. My DX catches have been clears and regionals so far, my best being KSL on 1160. Other loggings include WAPI-AL w/Auburn Univ. BKB games and WFLI-TN, both on 1070; also KRMG-740, WBE-1030, WJVA-1170, WALG-1590, WHYZ-1070, KDKA-1020, and KTW-1060. With the 35' longwire (which I also use for SW), WET, KAAV, and sometimes WJEO-1150 come booming in like locals. DXing in the next few months will be limited due to classes, not to mention interference from locals, thunderstorms, and SSES, including Cubans (which have kept me from hearing KFI). Future projects include modification of the 11-520, a loop antenna and possibly a beverage. From what I've seen, Fla. doesn't seem to popular with NRCers but it's a challenging place to DX from, with great potential for Carribbeans and TAs. 73 and good DX.