



# DX Monitor

Devoted Exclusively to  
Broadcast Band DXing

February 13, 1982

Volume 19, Number 22

Issue Number 609

## In This Issue

Eastern DX Roundup .....	2	IDing Japanese Stations Addenda .	12
Central DX Roundup .....	3	TA DX from West Coast No. America	13
Unreported Stations Update .....	5	Cuba Threatens to Flood Florida .	19
Western DX Roundup .....	6	Eastern DX Forum .....	20
DX Worldwide East .....	8	Western DX Forum .....	21
DX Worldwide West .....	11	Your Address Label .....	24

## DX Calendar

- Mon Mar 1 **WHND-560**, Monroe, MI, will test 0300-0400 EST w/any or all of the following: mx, TTs, tone sweeps, continuous IDs, jingles. Will be nondirectional 0300-0320, silent 0320-0330, directional NNE 0330-0400. Positive details will be required for verification. Send reports to Fred R. Vobbe, WHND Transmitter Site, 5305 Vineyard, Monroe, MI 48161. Arranged by Frank Merrill.
- Mon Apr 26 **WSUM-1000**, Parma, OH, will test 0300-0400 ELT w/tones, mx, and code IDs. First 30 minutes will be 500 watts directional NE, last 30 minutes will be 500 watts nondirectional. Phone: (216) 578-1111. Send reports to Dave Johnson, CE, WSUM, Mortensen Broadcasting Company, 619 Ameritrust Bldg., Canton OH 44702. Arranged by Tim Davisson.

## Odds & Ends

NEW GRAVEYARD DX RECORDS EDITOR. Effective immediately, Mark Strickert has taken over as graveyard DX records editor. GYDXR, for the benefit of newcomers to the club, is a listing of the farthest distance stations on 1230, 1240, 1340, 1400, 1450, and 1490 have been heard, complete with the name of the person holding the distance record for a particular station. You can contribute by sending Mark a list of the stations you've heard on these frequencies---some of them might actually be recordholders. Mark is considering breaking the column into two divisions, such as one for stations heard after 1970 (or 1975 or 1980 or...) versus those heard before that date. If you have any suggestions or thoughts along those lines, he'd enjoy knowing them. Mark's address is P.O. Box 931, San Francisco, CA 94101-0931.

CENTRAL AMERICAN ELECTIONS. The elections in El Salvador will be held on March 28, thus answering a question raised a few issues back. It's possible that some Salvadoran stations will stay on later than normal for election coverage. Elections were held in Costa Rica on February 7, in case anyone heard ER type programming that night....

CONGRATULATIONS! To Mark and Mary Lou Connelly on the birth of their new son, Michael Mark, on January 28. Mother, son, and father are all doing well, aside from lack of sleep. (We're told that 2 and 4 am "alarms" are a good excuse for getting up and DXing, Mark....).

CANADIAN POSTAGE INCREASE. Our Canadian members already know about this, but Canadian postal rates went up to 30¢ within Canada and 35¢ to the U.S., as of January. If you're sending a reception report to Canada, then you now need to throw in more return postage than before....

I'm not quite done tallying the minicontest results yet, so the winners won't be announced till next week. In the meantime, someone please figure out how to get decent DX conditions to return....

# EASTERN DX ROUNDUP

Bob Lazar

1711 Wainwright Dr.

Reston, VA 22090

Deadline: Tuesdays 2/16, 2/23, 3/2, 3/9, 3/16, 3/30, 4/13

## OF SPECIAL INTEREST

1170 WOBN NJ Lakewood, new calls (was WHLW) & slogan "The station that will make to listen to AM again, the new 11-7 WOBN-AM." Progressive rock w/ wide playlist. Local here. (KZ-NY)

1170 WCRR NY Cornwall, MoR format 1/18 1545. Note new calls. (KZ-NY)

- 
- 516 "YWA" ON Petawawa, good sigs, 1/4 0030. (KZ-NY) (Note correct freq & location as per IRCA Almanac.--ed)
- 530 "NB" ON North Bay, 1/14 1711 morse code ID every 10 sec. Fair sig. (WPT-DC)
- 580 CKPR ON Thunder Bay, 12/28 0248 fair w/ mx, ID w/ city, wx (-21°C), m DJ, nx on hour. (RSR-ON)
- 590 WOW NE Omaha, 12/29 0400 fair w/ ID, ads, Larry King show. (RSR-ON)  
WVLK KY Lexington, 1/5 0050 fair w/ sports, wx, ID, into mx "Hooked on Classics." (RSR-ON)
- 600 WITC CT Bridgeport, 1/13 0029 fair w/ ID, into wx, rock mx. (RSR-ON) (Robert, are you sure of this call change? I have no info on WICC changing calls.--ed)
- 640 KFI CA Los Angeles, 1/20 0026 fair w/ rock mx, contest promo, ID, ads. (RSR-ON)
- WHLO OH Akron, 0155 11/28 ID "WHLO AM 64 w/ music's Hall of Fame." Good w/ deep fades. (KZ-NY)
- 685(WSUJ)NY Jamaica, noted off due to college winter recess. Probably back by first week of Feb. (KZ-NY)
- 820 WOSU OH Columbus, w/ jazz show and then s/off at 1845. "Owned & op" ed by Ohio State," etc. 1/29 1845. (KZ-NY)
- WAIT IL Chicago, right after WOSU s/off heard their s/off. "For mx through the evening, tune to FM 100...good night." 1845 1/29. (KZ-NY)
- 910 WRNL VA Richmond, 1/18 0046 fair w/ ID, school closings, wx. ID as "Country 91", C&W mx. (RSR-ON)
- 1080 WCII KY Louisville, "Kentuckyiana nx on Country 11." Strong, almost o/ local WTIC. 1700 1/29. (KZ-NY)
- 1160 WJJD IL Chicago, alone on freq. "Pure country WJJD" slogan. Good sigs. 1710 1/29. (KZ-NY)
- 1170 WWVA WV Wheeling, C&W format, note time. 1450 1/18. (KZ-NY)
- 1190 CHTN PEI Charlottetown, 1/25 0138 fair w/ pop rock mx, ID by m. WOWO off. (RSR-ON)
- 1300 WOSC NY Fulton, quick fade-up for ID from f "WOSC Fulton", into Ai nx before fade-out. 0700 1/28. (KZ-NY)
- 1310 WGH VA Newport News, ments of Tidewater area, Kale Realty ad, Accu-weather forecast. Good. 0718 1/28. (KZ-NY)
- 1370 WFEA NH Manchester, 1/13 0106 fair w/ wx, ID, m DJ. (RSR-ON)
- 1380 WNVN CT Naugatuck, w/ f ID "WNVN" in local WBNX null. 1815 1/29. (KZ)
- 1390 WEAM VA Arlington, sports, then WEAM newstime check and more nx. 0725 1/28. (KZ-NY)
- 1420 WCOJ PA Coatesville, freak fade-in SRS 0702 1/27. (KZ-NY)
- 1430 WWWQ FL Panama City, 1/15 1719 end of emergency system test, Dairy Queen spot. Fair, alone on channel. (WPT-DC)
- 1460 WOKO NY Albany, C&W w/ f ancr. 1/4 0010. (KZ-NY)
- WBUC WV Buckhannon, C&W w/ Mickey Gilley record. 1723 1/29. (KZ-NY)
- 1480 WSAR MA Fall River, CBS sports feature & other sports. In WJIT null. 1825 1/29. (KZ-NY)
- 1490 WYTL WI Oshkosh, 1/8 0330 fair w/ ID sung out, into wx. Male DJ.(RSR)

## DX TESTS

- 1290 WOMP OH Bellaire, 2/1 0335. Morse code ID, voice ID 0339. Fair amid QRM. (WPT-DC)
- 1340 WSAJ PA Grove City, 0200-0300 DX test not heard. Tried hard. (BC-VT)
- BC=Bob Curtis RSR=Robert Ross WPT=Bill Townshend KZ=Karl Zuk

73

# CENTRAL DX ROUNDUP

Robert Kramer  
6416 N. Richmond  
Chicago, IL 60645

## UnIDed, Special, Changes, et. al.

- 780 KFDW NV RENO, Probably the one W/light rock (mostly oldies) weak in WBBM null 0140 1/16. BP-TX
- 810 KESN TX CRANE, now fulltime, good W/rel. mx & ID as "Your Favorite Radio Station" 2338 1/11, S/Off 0100. BP-TX
- 890 KBYE OK OKLAHOMA CITY, 1/13 1745 noted weekly in WIS fade W/rel. pgm from SW Baptist Church, probably they. EWC-KY
- 920 WOKY WI MILWAUKEE, 1/16 format change from pop adult to MOYL W/"New Sound of AM 920" slogan. JA-WI
- 1060 KHYM TX GILMER, easy on DX test O/U/WNCE W/Coppel mx, voice & CW IDs & TT 0105 1/18/ 1/18 0113 good W/KYW in null W/Gospel mx, frequent CW & voice IDs, address phone # & ment. calls from DXers in OK City, Louisville & my city. RG-IL
- 1180 WKKE MS PEARL, fair-weak 0036 1/13 in WHAM null W/MOYL & requests for postcards of listeners' top 3 favorites. Not sure of call. BP-TX (One policy for Bruce please Hogle, they are not in Jackson as Bruce reported, ed.), 1/21 1810 fair W/lcl nx, spots, wx & ID. DF-IL (Dave, note correct calls, ed.)
- 1290 WGMP OH BELLAIRE, 2/1 0301 fair on DX test W/CW IDs, nothing else audible. RK-IL
- 1330 WEAW IL EVANSTON, 1/16 noted good OC O/WRRR, ended 1730. JS-IL (Jim, note correct calls, they seem to run OC all day, maybe a new format? Would be alot better than the old one, ed.)
- 1340 UnIDed 1/15 0113-0151 good W/WHPI null W/800 Hz TT, no IDs. RG-IL
- 1350 WBLT VA BEDFORD, 1/18 0020 poor w/Ti mid on their test. Severe QRN from WXCL, WIGU & several others. CR-IL
- 1410 WTTM IL TAYLORVILLE, continues to S/Off at lcl SS & no on the air ment. of fulltime service, though S/Off does say they have-a 500w PSA. This one was planning to be fulltime by last March. DF-IL
- 1440 KFUR TX AMARILLO, This one is still T40/rock, despite recent rpts saying they switched to c&w. BP-TX
- 1550 UnIDed 1/2 & 1/4 0730 fades in at tail end of S/On, ment. 1000 watts, into Mutual nx directly. EWC-KY
- All da Rest BP-TX
- 540 KNMX NM LAS VEGAS, SS mx, ad, into "noticias desde Espanola" 1756 1/6 good sig.//
- 550 WKRC OH CINCINNATI, 1/13 2045 W/tlk show pgm & IDs as "55 KRC". Mixing W/KSD. CR-IL
- 560 KWTO MO SPRINGFIELD, atop W/"Famous 56-KWTO" ID & C&W 2234 1/11. BP-TX CR-IL
- 570 WICYX KY PADUCAH, 1/21 0015 W/rock mx, several IDs as "57 KYX". Fair but fast fades//
- 580 WNAX SD YANCTON, fair in WFAA null W/Johnny Buffet tune, YL DJ, wx 0046 1/20. BP-TX
- 580 WIBW KS TOPEKA, strong C&W 2017 1/12. BP-TX
- 600 KRLE TX LUEBOCK, 2 twangy ancrs. W/long wx O/UnIDed 1819 1/15. BP-TX
- 600 WREX TN MEMPHIS, atop Jumble W/sports, ID, ad for Baron's 0750 1/13. BP-TX
- KROD TX EL PASO, 1/23 1859 weak W/ID & spot, light QRN & no sign of Cuban. BP-TX
- KERB TX KERMIT, "Sound of Texas" farm pgm, O/2 UnIDeds 1824 1/15. BP-TX
- KTBB TX TYLER, atop W/school closures, ID 0755 1/13 into Carpenters mx. BP-TX
- 610 WIP PA PHILADELPHIA, 1/19 2210 hockey game between Philadelphia Flyers & Quebec Nordiques. Mixing W/WDAF. CR-IL
- 620 KTAR AZ PHOENIX, fair W/XEBU nulled W/wx 0137 1/17. BP-TX
- 630 KHOW CO DENVER, strong W/sports 1947 1/12. BP-TX
- KXOK MO ST. LOUIS, T-40 oldies fair W/KHOW nulled 1947 1/12. BP-TX
- 640 KFI CA LOS ANGELES, 1/19 2200 W/good signal & rock mx, ID as "The Amazing Music on AM KFI". CR-IL
- 680 KNBR CA SAN FRANCISCO, USF basketball fair 0115 1/13/ BP-TX
- 690 KCGF KS COFFEYVILLE, soft MoR & ID by YL 0041 1/20. BP-TX
- 720 KDWB NV LAS VEGAS, fair W/CBS Mystery Theatre in WGN null. BP-TX
- 770 WABC NY NEW YORK, fair W/RR mx & ID W/KOB nulled 0055 1/16. BP-TX
- 850 KFUO MO CLAYTON, 1/18 poor W/late afternoon nx, ID @ 1822 as "You are listening to KFRO Radio, Clayton, Missouri". CR-IL
- 860 KKOW KS PITTSBURG, 1/7 1900 good W/C&W mx & "K-KOW" ID then CBS feed. CR-IL
- 910 WOKR MO BERLIEN, 1/25 0030 PSA for national federation of the blind, ID & C&W mx. CR-IL
- KBIM NM ROSWELL, good W/rock mx 1810 1/16. BP-TX
- 920 KARN AR LITTLE ROCK, fair in KIXZ sloop W/ID & Joyce Brothers, 1812 1/16. BP-TX
- KDHL MN PARIQUET, 1/19 2017 fair signals W/slight QRN, polka mx & male gives wx W/frequent IDs. DJB-KY
- CFLS PA LEWIS, 1/16 0208 fair W/rr mx & SID, all mx U.S. pop. Stn. 1700. WOKY off till 0600. JA-WI
- 960 WERC AL BIRMINGHAM, 1/25 0248 briefly hrd W/ID & promo. CR-IL

980 KMBZ MO KANSAS CITY, tele-talk O/U 2 Mexicans 2351 1/11. BP-TX

1050 CFYN ON SAINT STE. MARIE, 1/19 1940 W/rock mx & several IDs as "1050 CFYN". CR-IL

1060 WNOE LA NEW ORLEANS, good W/C&W mx & YL DJ 2357 1/11 "Country kln" slogan. BP-TX  
1/23 2025 C&W mx & ID as "WNOE AM Country 10", weak & QRN, no KW. CR-IL

1070 WAPI AL BIRMINGHAM, 1/13 2210 W/talk show called Niteline, # for calls 741-9274,  
APT-1070, but fading. CR-IL

KNX CA LOS ANGELES, ID & CBS nx, all alone 0200 1/16. BP-TX

CBA NB MONCTON, 1/17 2215 W/Sounds of Sports, "This is CBC Moncton" @ 2300. CR-IL

1090 KEXS MO EXCELSIOR SPRINGS, 1/12 1810 good O/KAAAY W/Gospel mx, spots & S/Off. JA-WI

1100 KREX CO GRAND JUNCTION, fair W/CO nx O/Colombian 0009 1/14 no 3WE. BP-TX

1130 KISR TX MEMPHIS, YL DJ, C&W mx, "Lone Star Radio" ID 1351 1/16. BP-TX

1140 WASC AL ATMORE, 1/21 1815 fair W/S/Off in WRVA null U/another S/Off. DF-IL

KNAB CO BURLINGTON, C&W mx, ID, lcl ad, nx 1830 1/17. BP-TX

KSOO SD STOUX FALLS, 1/16 1754 fair, W/JJD QRN, ment. of wx, musical scoreboard,  
then ID & beer commercial. JS-IL DJB

1150 WAYY WI CHIPPEWA FALLS, 1/17 1833, xlnt signals W/spot for Welcome Wagon, wx & MoR mx/  
1160 WJJD IL CHICAGO, good W/C&W mx, YL DJ W/WX 1824 1/17. BP-TX

1190 KJLA MO KANSAS CITY, 1/11 1737 good W/male ancr: "The Best Way to Broadway is KJLA"  
then time & lcl ads. JS-IL

1220 WKRS IL WAUKEGON, 1/16 1746 poor W/quick S/Off after WLPO. JS-IL

1240 WSDR IL STERLING, 1/16 1317 poor in WEDC null W/wx, lcl sports. JS-IL

1250 WREN KS TOPEKA, pop mx, YL DJ, wx 1939 1/12, strong. BP-TX

1260 WGVN MS GREENVILLE, 1/13 1710 fair W/C&W mx & "1260 WGVN" slogan. JA-WI

KGBX MO SPRINGFIELD, 1/12 1716 fair W/wx, ID & wx cancellations, pop adult mx. JA-WI

WCDJ NC EDENTON, 1/12 1730 poor W/S/Off. JA-WI

WTKT OH PORTSMOUTH, 1/25 lcl ads in MYL mx 1745. EWC-KY

KMYR SD WINNER, 1/13 1730 fair W/ID & into ABC nx. JA-WI

1270 KSCB KS LIBERAL, wx 0005 1/13 O/UnIDed SS. BP-TX JA-WI

KPRM MN PARK RAPIDS, 1/15 1710 fair W/ID ment: "Serving Northern MN W/5km C&W mx//  
KWPR OK CLAREMORE, dominant W/C&W mx & ID 1808 1/17. BP-TX

1280 WGBF IN EVANSVILLE, atop W/pop mx, several IDs 1/17 then lost to QRN 1804. BP-TX

KSKO KS ARKANSAS CITY, ID & nx 1800 1/17 atop freq. BP-TX

WGSO IA NEW ORLEANS, atop W/tx, sports & "Nx Radio 12-80" ID 0744 1/18. BP-TX

CJJD ON HAMILTON, 1/15 0101 poor in WGBF null W/several "D-JJ" IDs & one CL ID, lcl  
ad, rr mx. RG-IL, 1/20 1930 great W/anacr ment. "Hamilton Radio". T40 mx,  
slight WGBF QRN. DJB-KY

1290 KTRN TX WICHITA FALLS, nx, school closures, wx, 0004 1/13. BP-TX

1300 KGLO IA MASON CITY, 1/20 1933 bombing in W/jingle & pop mx, dominates freq. DJB-KY

WOOD MI GRAND RAPIDS, 1/20 1844, good slight QRN, W/wx & pop mx. DJB-KY

1310 KZIP TX AMARILLO, now SS. IDs as "Kah Zeh ee peh, Ah-mah-REE-yo, Teh-hoss". BP-TX

1320 KWHN AR FORT SMITH, Ae nx, ID, into Wx & school closures 1935 1/12. BP-TX

WCOG NC GREENSBORO, 1/19 0818 fair W/WBRT QRN, spot for Delta Airlines followed by  
an oldie pop song. Faded out soon. DJB-KY

KXYZ TX HOUSTON, promo for "radio novelas", tlk by SS YL, ID as "La equis de BP-TX  
Houston, Radio Trece", into SS pop mx 2357 1/12, BE ID & nx in SS 0000//

1330 KPH KS WICHITA, good W/C&W mx & plug for "13 KPH Ski Line". 2239 1/11. BP-TX

1340 WBWV IN BEDFORD, 1/17 0939 fair W/WLOU slop, W/wx & full ID followed by MoR. DJB-KY

WBAC TN CLEVELAND, now carries Larry King. BP-TX

WCDT TN WINCHESTER, 1/20 1826, fair-poor W/QRN & fading. Spot for food store & MoR  
mx. DJB-KY

1350 KRNT IA DES MOINES, 1/20 1915, xlnt signals, dominating freq. spot for Ford dealer  
Jingle & MoR mx. DJB-KY BP-TX

1360 KSCJ IA SIOUX CITY, atop W/psa, "KSCJ Information Radio", into MoR mx 2353 1/12//  
KKBJ MN BEHNDI, 1/10 1810 poor W/male ancr: "This is Lyle Dean for KKBJ News,  
thdn wx. JS-IL

KMRN MO CAMERON, 12/30 1815 good W/male S/Off. JS-IL

1390 WFBL NY SYRACUSE, 1/20 1904 fair W/spot for Radio Advertising & MoR mx, some WNON  
QRN. DJB-KY

WFMJ OH YOUNGSTOWN, 1/19 0829 poor W/WJCD QRN, W/ID & ment MOYLL lcl nx. DJB-KY

1400 KVOP TX PLAINVIEW, good way atop jumble W/wx, ID, C&W mx 1744 1/17. BP-TX

1410 KXIT TX DALHART, fair W/C&W mx "14-10 KXIT" ID, 1632 1/16. BP-TX

1420 WOC IA DAVENPORT, atop W/lcl nx 1920 1/11 then faded., U/XEF. BP-TX

1430 WMNC NC MORGANTON, 1/15 1415 auto C&W, lcl ads/ancnts. EWC-KY

1450 WKXJ KY CAMPBELLSVILLE, 1/19 0855 fair sigs W/lcl WXVN off, C&W mx & "Country Kix"  
ID. DJB-KY

1470 WNAU MS NEW ALBANY, 1/22 1805 tent. W/ID ending nx, much QRN, WMBD nulled. DF-IL

1480 KIMS NE LINCOLN, good W/pop mx, lcl ads, ID 1819 1/21. BP-TX

1490 KQTY TX BORGER, good O/UnIDed W/rock mx & lcl ads. BP-TX (1635 1/16)

1500 WGEN IL GENESE0, 1/22 1753 weak W/WRMB nulled partially, noted 1 ID & ments. of  
Geneseo. DF-IL

1510 KIFG IA IOWA FALLS, 1/19 1802 here almost alone, exc. sigs W/wx & temp for Iowa  
falls then off, no S/Off, ID or anything. DF-IL

1530 KECK NE LINCOLN, strong W/C&W mx "Town & Country is KECK" ID 1/21 1812. BP-TX

1550 WAAY AL HUNTSVILLE, 1/4 0721 lcl nx, wx, ment. severe wx cx, TC, fair-poor U/  
WCTW. EWC-KY

WEVR WI RIVER FALLS, 1/8 1814 good W/S/Off W/studio & xmtr loc. JS-IL

1560 WTNS OH COSCHOCTON, 1/15 1940 AC/DC mx, ment. of HS BKB, spot, wx, AoR mx. EWC-KY

1570 KLOV CO LOVELAND, atop W/wx 1825 1/21. BP-TX

KZOL TX FARWELL, SS ancr, mixture of EE & SS mx, good 1643 1/16. BP-TX

CHLO ON ST. THOMAS, 1/15 0116 O/UnIDed ET W/XERF milled, W/several IDs, ad, pop  
mx. RG-IL

1580 KNIX AZ TEMPE-PHOENIX, wx & ad for Willie Nelson concert 1/12 1928 atop. BP-TX

KZIA NM ALBUQUERQUE, atop W/tele-talk "Zia Radio KZIA" ID 1823 1/21. BP-TX

WUWV NC ICARD TOWNSHIP, 1/15 1440 T40 mx, ID as "New UVV", into Elton John mx, good  
way O/WAXU. EWC-KY

1590 KYOK TX HOUSTON, 1/10 2234 poor W/C&W mx & male ancr ID. JS-IL

1600 KATZ MO ST. LOUIS, dominant W/soul mx, "Your Voter Registration Stn" slogan, ID,  
black DJ 2331 1/19. BP-TX

WHVL NC HENDERSONVILLE, 1/15 1431 T40 mx, lcl ads, Ski Lodge Rpt. EWC-KY

WKKQ NC BEDSVILLE, 1/18 2100 Little River Band mx, legal ID, more mx. EWC-KW

1616.5 U.S. PIRATE, Radio North 1/31 0120 poor W/mx, ID & phone # (212)-352-9906,  
NYC Area code. RK-IL

FREAKS FREAKS FREAKS FREAKS FREAKS FREAKS FREAKS FREAKS FREAKS FREAKS FREAKS FREAKS FREAKS

1050 KRAV OK TULSA, F/C per list 1/18. BP-TX

1240 KCLV NM CLOVIS, all alone W/NM mx, lcl ad & wx, ID 1820 1/17. BP-TX (How'd that  
find itself amongst the freaks ?, ed.)

Some More Freaks:

JA.... Jim Albrecht 3313 N. Weil St. Milwaukee, WI 53212  
(RF-2200, TRF-655)

DJB... Dennis J. Bednarz 5144 Dixie Hwy. Louisville, KY 40216  
(DX-150B, SM-2, Sanserino Loop)

EWG... Wheels Conover RR #18, Box 344B Manchester, KY 40962  
(RF-2800, TRF-12-656, 50' LW, cat named Moo, various farm beasts)

DF.... Dave Faulkner Box 602 Witt, IL 62094  
(TRF)

RG.... Rob Gerardi 613 W. Main St. Benton, IL 62812  
(RF-2200)

RK.... Me  
(R-1000, HQ-129X, Radio West Loop, spiral loop, Parakeet named meow)

BP.... Bruce Portzer vacationing or loafing in Amarillo, TX  
(12-655 TRF, SM-2) (Nobody goes to Amarillo for vacation.bp)

CR... Christos Rigas 4832 N. Drake Chicago, IL 60625  
(Superadio)

JS.... Jim Surin 236 E. Morningside Ave. Lombard, IL 60148  
(RF-4900, ferrite coil, LW)

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**Unreported Stations Update**

by Don Waskey

The following chart lists the total number of stations in the  
USA and Canada and the volume they were last reported as being  
heard, as reported in DTE. Thru V19 #18.

COUNTRY	V19	V18	V17	V16	V15	V14	V13	V12	Prior	Total
CANADA	195	89	31	18	8	7	1	2	58	409
U.S.A.	1802	1189	453	367	167	88	53	85	399	4603
TOTAL	1997	1278	484	385	175	95	54	87	457	5012

New stations reported as having taken to the air during V19  
#13 thru 18 are:

AZ--1490-KBAJ	TN---810-WCTA
GA--1400-WFOE	VA---940-WAMN (not positive 81 <sup>all</sup> )
KY--1010-WBCE	WA--1420-KSCR
OR--1400-KBCN (x-1380)	QU---540-CBGA-1

Deletions since the last list of unreported stations (V19 #14)  
are: (\* denotes new station recently taking the air).

AK---9-KVOK--560(Williams-OR)  
AZ---4-KBAJ-1490\*(Worms-UT)  
AR--16-KCOH-1230(Kramer-IL), KELC-1530(Jeziorski-IL)

Continued on page 7

# WESTERN DX ROUNDUP

Nancy Hardy  
2301 Pacific Avenue  
Aberdeen, WA 98520

All times are  
Eastern Local

Phone for hot WDXR tips: (206)532-6627 till 10:30pm(PLT)--no collect calls  
DEADLINES: Thursdays 2/18, 2/25, 3/4, 3/11, 3/18, 4/1, 4/15, 5/13, 6/10

## REPORTERS FOR THIS ISSUE:

- (NHP) Nick Hall-Patch-1538 Amphion Street-Victoria, BC 78R 426  
Transmogrified HRO, 3' box loop  
(EH) Ed Hoffman-P.O. Box 125-Burlington, WA 98233  
RF-2900, SK-2  
(JEC) James Olson-6408 Everest Way-Sacramento, CA 95842  
(bp) Bruce Portzer-6546-19th NE-Seattle, WA 98115  
HQ-180A, 4' loop, SK-2  
(RW) Robert Wien-1309 Dentwood Drive-San Jose, CA 95118  
CE long-range portable, SK-2

## OF SPECIAL INTEREST:

- 710 KFIA CA, Carmichael hold everything, they have not changed call letters to KJES as reported in 1/30/81 WDXR. They are still KFIA as of 2/1. Still relig./gospel. (JEC-CA)  
+Still noted using calls KFIA Mon. evening 2/1, and not KJEC as rptd. by Jth. Perhaps they were just testing that evening to prepare for these new calls? Also, not NRP as rptd. by Jth, but was off air MM 1/25 & 2/1. Still sounds like 250w, too! (RW-CA)  
+No listings in recent DXW's, DXN's, or Broadcasting about KFIA applying for new calls. Also, they were denied 10kw days a few years back but were granted a CP for 1kw days/250w nights.--NH
- 1420 KSCR WA, Renton began broadcasting 2/3, per local TV story. (bp-WA)
- 550 ?KOY? AZ, Phoenix "45° in downtown Phoenix" 0518 1/25--who else? KARI nulled to allow this poor to fair signal through. (NH-BC)
- KEGW MT, Butte 1/13 0632 good in KARI null w/nx, wx, mx jingle, oldies. (EH-WA)
- 610 KONA WA, Kennewick-Richland-Pasco 1/26 0340 good w/wx, TC, into rock song. KFRC nulled. (EH-WA)
- 620 CKCK SK, Regina 1/14 1630 temperatures for Regina & Moose Jaw, Sask. wx, CST TC's, "CK" ment., pop mx; fair to poor in KGM null w/ K3DN-630 splash. Distinct shortage of IDs, but nice "daytime" DX (early 3SS?). (NHP-BC)
- 630 KIDO ID, Boise-Nampa 1/13 0659 good in CKGV null w/NYL into CBS mx on the hour. (EH-WA)
- 640 (KFI) CA, Los Angeles off again MM 2/2 0530-0700+ leaving a vacant channel (bp-WA)
- 650 KORL HI, Honolulu 1/16 0701 "The sound of Hawaii, K-O-R-L, K-65," into NYL. (EH-WA)
- 680 \*KNBR\* CA, San Francisco 1/21 0455 rare ET w/TT, OC. Also noted 1/22 0527 w/TT. (EH-WA)
- 690 ?KZKZ AZ, Flagstaff believe this was the one w/light rock & C&W looping WNW/SSE 0540-0555 & 0625-0655 2/2. Hrd what sounded like "here in Flagstaff" during wx 0630. Anyone else hear it? like "here in Flagstaff" during wx 0630. Anyone else hear it?
- KKUA HI, Honolulu ID noted in murk w/XETRA nulled 12/28 (bp) 0517. Jazz at poor level hrd a few minutes earlier, but couldn't say if it was KKUA. (NHP-BC)
- KG3F KS, Coffeyville s/on 0555 2/2, believe they mentioned 19 hrs/day of operation. Guess this answers RW's question of last week. (bp-WA)
- (XETRA)BCN, Tijuana noted off MM 2/2 0530-0700+. (bp-WA)
- 720 (KDWN) NV, Las Vegas 1/18 0605 noted totally off. WNW w/good sig.(EH)
- 740 \*KCBS\* CA, San Francisco 1/24 0630 noted w/OC. (EH-WA)
- 750 KFQD AK, Anchorage 1/13 0625 xlint wiping out KXL w/rock mx, TC, ID. (EH)
- 780 \*KROW\* NV, Las Vegas 1/15 0530 noted w/OC. (EH-WA)
- 880 \*KRVN\* NE, Lexington 1/27 0524 noted w/OC. (EH-WA)
- 950 XEGM BCN, Tijuana now using whistle IS & "Radio Todo" slogan. (RW-CA)
- 1120 (KPNW) OR, Eugene-Springfield 2/1 0411 noted totally off. (RW-CA)
- 1160 \*KSL\* UT, Salt Lake City 1/24 0624 w/OC, then man announcing they have been off for xmtr & antenna adjustments. Relig. program at 0625. (EH-WA)
- 1190 \*KEX\* OR, Portland 1/15 0520 noted w/OC. (EH-WA)
- 1240 CKOO BC, Osoyoos 1/18 0510 dominating channel w/"CKCK-80" // slogan into rock song. (EH-WA)
- 1270 KCCK CA, Tulare-Visalia 1/18 0502 fair w/OC w/ID, WOR type mx. (EH)

- 1310 KEIN LT, Great Falls 1/9 NEC nx after "KEIN Great Falls" ID. Poor to fair. Again w/fair signal 1/14 1708, ID after woman w/nx. (NHP)
- 1320 KAWC AZ, Yuma 1/20 2000 poor in mess at s/off beginning w/"This is Dr. Kenneth ??...", ending w/"...when KAWC, Yuma, AZ begins a new broadcast day," then off immediately. Ments. of "public radio" & "NHP" also. New. (RW-CA)
- KWKY CA, Cathedral City 1/20 1943 good, well on top of all, then lost to KODE. Next-to-last stn needed in CA (NHP is the last) on 1340. Many local spots, each spot ending w/a harp interlude, ment. of AF nx on hour followed by local nx, sports, wx. Had as tentative, now definite. (RX-CA)
- KSKI ID, Hailey 1/28 2013 way on top of everything for at least 3 min. before lost to KEET. Promo for skating tournament at Sun Valley Ice Arena, ment. tourney will be broadcast o/KSKI-93.5 Fr. Mx for Sun Valley & Hailey, into rr mx. (RW-CA)
- 1400 KSLY CA, San Luis Obispo 2/1 0424 good o/KVEI in KRE null w/jingle ID. NSF now? (RW-CA)
- KUNI CA, Ukiah 1/28 0300 finally, definitely hrd after 4+ yrs. of trying! Had been my closest unheard FY, had tent. one SRS last year, but now definite & quite strong o/KRE w/loop towards KRE! ID "Someplace special, KUKI, Ukiah," into CES nx, then into s/off at 0305, ending w/SSE. Mixing w/KONO SSE by this time. Change their xmtr locale or something? (RW-CA)
- 1450 KJUN WA, Puyallup 12/28 1447 noted fair w/country mx & new call in total null of semi-local KGNP. (NHP-BC)
- 1470 KXOA CA, Sacramento first noted w/LYL 1/30. Ex-MORISH/oldies. (JEO)  
 CXC CA, Pointe Claire 1/11 0500 woman saying "I'm ???" & this is the CXC National Radio Report" briefly fair w/CJVE OC. Second logging for this rare one. (NHP-BC)
- 1480 KYCD CA, Merced 12/30 1200 call ID at top of hour after Ac nx; not listed as ac in Almanac or updater. Nil to fair signal. (NHP-BC)
- 1500 KRAA ED, Aberdeen 1/13 1750 country mx, spots for Aberdeen businesses & IDs. Fair on early 535 w/southerly signals nulled. (NHP-BC)

February f/c's heard:

- 1st ID KXIV-1400 AZ 0205-0220 (RW-CA)  
 KRAA-1500 SD 0225-0235 (RW-CA)

February f/c's not heard:

- 1st ID KPSA-950 AR (RW-CA)  
 KCCR-1240 ED (RW-CA)  
 KARA-1000 TX (RW-CA)  
 KQIN-1230 OR (RW-CA)  
 KNCI-1240 ID (RW-CA)  
 KTKX-1450 MT (RW-CA)

"COUNTRY POLITAN"  
 THE WELCOME GUEST OF THE GREAT SOUTHWEST



PLAINS BROADCASTING CO., INC. - P. O. BOX 130 - GUYMON, OKLAHOMA 73842

UNIT's:

- 1360 1/6 1035 vocal SSE followed by miscellaneous instrumental mx. Looped KMW/SSE. KPAR? (NHP-BC)
- 1340 1/11 0530 ad for "Country...Countdown on the new 91" surfaced through the porridge here. (NHP-BC) (How about CKBR? They twin CJDV-910 which is C&A.--NH)

Happy Valentine's Day, everyone!

This week's penguin flipper award goes to Nancy for listing KWKY & KSKI on 1320 instead of 1340 bp.

Unreported stations summary...continued from page 5.

- IL---0-100-100 (Jeter-IL)  
 IL---0-100-1350 (North-IL), 11 1-700 (P-number-IL)  
 IN---1-100-1500 (Gronin-IL)  
 IL---6-100-1470 (North-IL), 11 1-1350 (H-stay-voc IA), 11 1-1450 (H-Prudence-IL)  
 IL---0-100-1340 (Sprine-IA)  
 IL---4-100-1300 (H-stay-voc IA)  
 NY---10-100-900 (Mitchell-JE)  
 MS---35-100-580 (Gomshand-MS)  
 OH---4-100-1500 (Groves-W)  
 TN---18-100-810 (Curin-IL)  
 TX---75-100-1110 (Foster-IL)  
 VA---10-100-1600 (Ross-GH)  
 W---0-100-1420 (Svajdlenko-IL)

Robert Wien your KLB-1400 as noted in VLO #18 is the new call for Locatello, Idaho (K-KIIB/LEI), nice catch....73 (dkc.....)

# DX WORLDWIDE EAST

Neil Kazaross, Editor  
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El Segundo, CA 90245  
(213)322 3119

## TRANS ATLANTIC DX ROUNDUP (all from Mark TA Connelly)

- 549 ALGERIA Oran Jan 20 AA mx at 0410, 0025 Jan 25 AA talk equaling level of 550 domestics.
- 693 t ENGLAND BBC suspected w/soft mx, poor 0412 Jan 20.
- 711 FRANCE Rennes 2322 Jan 19 bits of FF talk, screaming het against a very strong WOK. The French stn. dumps a potent sig. into this area, but isn't reported often because of the tremendous WOK QRM. The het is in there almost every night but audio extraction is difficult even on the HQ180A. For this logging (w/car rx) the 711 signal was nearly equal to WOK- the necessary condition for car rx reception.
- 756 PORTUGAL Lisboa 2308 Jan 19 vocal mx, then man in PP, fair.
- 765 SENEGAL Dakar 2305 Jan 19 talk by man in AA, drums in background, good. 0029 Jan 21 AA talk, then ukelele-like plucking & shrill vocal - xint, bombing in.
- 774 SPAIN sychros 2306 Jan 19 SS talk of multiple SAH's. 0031 Jan 21 w/ disco.
- 783 PORTUGAL Porto 2318 Jan 19 "50's" type song, then PP talk - loud better than adjacent dominant ZBVI-780.
- 819 MOROCCO Rabat 2307 Jan 19 AA talk, fair o/SS LA 820 het & Paradise 825 slop.
- 891 ALGERIA Algiers 2222 Jan 18 AA talk, good-890 just a background het
- 909 ENGLAND Brookmans Park et al 2245 Jan 18 female MOR vocal, good. 0033 Jan 21 sl. mx fair.
- 1349 MAURITANIA Nouakchott 2241 Jan 18 moaning vocal, raucous het against WNL5-1350.
- 1458 ALBANIA Lushnje 0438 Jan 25 m & w in apparent Slavic language, fair o/ low growl.
- 1467 MONACO Monte Carlo 0459 Jan 19 choral mx, fair on TRF. 0405 Jan. 25 apparent II talk, light sl mx, fair.
- 1476 t AUSTRIA typical muzak here, poor to fair in wAR slop, 0440, Jan 25. (Muzak is the only format I've ever seen Austria reported with here-ed)
- 1557 FRANCE Nice 0428 Jan 25 man in AA to good peaks.
- 1566 UNID (likely Tunisia) powerful O. 0425-0505 ( and prob. after 0505) Jan 25.
- 1593 W. GERMANY Langenburg 0357 Jan 25 operatic-type vocal, peaking at good strength but w/ severe polar-type flutter fading almost fast enough to modulate the sig. w/ a low note.

## PAN AMERICAN DX ROUNDUP

- 570 UNID "La Poderosa" ID & SS pops in WFAA null 0332 Jan 12 (Portzer)
- 580 MEXICO Chihuahua XEFI dominant w/ ranchera mx, R.Mexicana ID's 0326 Jan 12. Sounded more like listed day power (5 kw) than listed nite power (250 w) (Portzer-TX) If I may take up a few lines, I'll comment that my observations agree with you as I hear XEFI here in Calif. In my opinion quite a few Mexicans run day power at night. For example XERPC 790 is often audible here w/ XESU in null of my 5 kw local. XERPJ is supposed to be only 400 w at night. XERPJ was recently logged by Stan Morss (NRC) in Mass!! In my opinion XERPJ was running day power then. Other Mexicans seem too strong here for their listed night powers, too -ed
- 620 MEXICO Chihuahua XEBU o/u unid domestic w/ mariachi mx, "La B-U, La Nortenita" SID, "Once y media" (halfpast 11) T. 0528 Jan 14 (bp-TX)
- 640 GUADALOPE Arnouville 2323 Jan 19 woman in FF, xint o/CBN & 639 TA het. (Connelly-MA)
- 680 MEXICO Leon XELG SS pops "LG, LG, LG, LG" jx by highpitched YL's. SS talk, La Grande ID's dominant 0320 Jan 12 o/unid SS (Portzer-TX)
- 720 VENEZUELA Porlamar YVOZ 2315 Jan 19 SS talk, R.Vision ID loud & dominant. Het of about 1 kHz present (poss. of TA origin- someone still on 719?) (Connelly-MA) I think on of the Africans may still be on 719 -ed
- 725 SURINAM Paramaribo SRS 0028 Jan 21 Asiatic lang. (Indonesian?) talk good (Connelly-MA)



- 750 VENEZUELA Caracas YVKS 2325 Jan 19 SS talk, R. Caracas ID at tremendous level, totally atop the channel. (Connelly-MA) R. Caracas in-w/Us R&R w/ SS anor & occ. SS record, LOUD, souds like 100 kw! Jan 6 2215. (Zuk-NY)
- 750 Nicaragua Managua talk about revolution, good in WSB null 0610 Jan 13 (Portzer-TX)
- 750 UNID recent BB rock/pop tunes u/wSB, Loop bearing similar to WSB so prob. Venezuela 0430 Jan 12. (Portzer-TX)
- 760 CUBA Habana R.Reloj buzzing wJR w/ male SS talk, tone every minute 0314-0317 Jan 12. (Portzer-TX) (bp)
- 760 MEXICO XEAB Mexico screaming wJK w/ ads, Iberian tunes 0543 Jan 19
- 775 COSTA RICA San Jose TIW fr-gd w/ "Physical" by Olivia NJ, SS talk, R. Uno ID, into " If I had a Hammer" by Trini Lopez 0420 Jan 12. (Portzer-TX) If I had a hammer, I'd use it to repair this typewriter - hi -ed.
- 790 MEXICO Chihuahua XERP fair o/u domestics w/ R.Ranchito ID's, ads, TG's mx 0552 Jan 16 (Portzer-TX)
- 800 NETH ANTILLES Bonaire PJB w/ BB rlg pgms & Trans world Radio ID strong in XEROK null 0401 Jan 12. (Portzer-TX)
- 825 t COSTA RICA San Jose TIO prob. the one w/ SS pops & mellow DJ 0315 Jan 12. (Portzer-TX)
- 825 ST.KITTS Basseterre 0032 Jan 21 rlg. choral vocals, at local level Noted every evening w/a fair signal at worst & LOCAL-TYPE sig. at best. (Connelly-MA)
- 834 BELIZE Fr-gd w/ birthdays greetings & C&W mx 0439 Jan 12 (Portzer)
- 860 MEXICO Tijuana, ads "R.Ochenta Seis" ID & distinctive IS 0545 Jan 21 (Portzer-TX)
- 860 MEXICO Monterrey XENL s/off atop w/ cute little tune to the effect of "good night, thank for listening" etc in SS, then man w/s/off anmt. 0600 Jan 15. (Portzer-TX)
- 890 HONDURAS R.Honduras pgm of talk in SS alternating w/ wes Montgomery type jazz Jan 15 0542, then "buenos noches Honduras" message 0555 & fade out. Good-nil in WLS null. (Portzer-TX) I think you had the 0600 s/off -ed.
- 900 MEXICO Mexico XEW discussion pgm on Catholic Church w/ occ. ment. of Castro, Cuba, & Communistas, then ad for Marta Blanca 0655 Jan 16. (Portzer-TX)
- 900 CUBA SS talk w/ ments of Guatemala & Nicaragua in XEW null 0554 Jan 19. ID as "Adena Nacional... Cuba, territorio libre..." 0600 (Portzer-TX) Cuba sure ain't no "territorio libre" - hi -ed.
- 920 MEXICO Chihuahua XEQ SS pops " La Divertida" jx, thne full ID. Strong & dominant, surely more than listed 100 watt night power 0303 Jan 12. (Portzer-TX)
- 970 MEXICO Cd Juarez XEJ "La Hota Mexicana" ID local ad, mariachi mx, good o/ domestics 0512 Jan 14. (Portzer-TX)
- 980 MEXICO Nueva Rosita XENK o/u XWBZ & unid XE 0448-0454 Jan 12 w/SS pops, mellow DJ, ads, ments of "Rosita", "Radio N-R" jingle (bp-TX)
- 990 MEXICO Monterrey good w/ ads, talk soft mx, ments of Monterrey " La Grande T" & XET ID 0355 Jan 12. (Portzer-TX)
- 995 \*\* GRENADE R.Free Grenada good at 2342 Jan 25 concluding mx. This is their relatively new 70 Kw xmtr moved from 990 (Stanbury-ON)
- 1000 COLOMBIA Cartagena 0459 Jan 22 ascending note fanfare, H-J-A-Q ID by call letters, just u/ WCFL. (Connelly-MA)
- 1035 t HAITI Cap Haitien R.4VNH is this the mostly talk FF split I here on good LA nights? Iasheard w/ usual low modulation 2230 Jan 26 (Zuk) Yep -ed.
- 1060 MEXICO Mexico XEPP screaming wNOE w/ talk on Poland 0455 R.Education ID & mx til 0459 Jan 22. (Portzer-TX)
- 1090 MEXICO Rosarito XEFS oldies & call from listener 0704 Jan 16 o/u domestics (Portzer-TX)
- 1100 COLOMBIA R.Reloj ID & lively mx u/ARLA 0508 Jan 14 Didn't catch location. (Portzer-TX)
- 1100 t ANTIGUA St. John's ZKA BBC mx loud fade up o/pest wwwE. Sig was local-like & then blasted in fol. by a natural sound effect that sounded like "star wars" and disappeared. No ID, but OM fol. w/ Carib. accent. 2300-2306 Jan 18 (Zuk-NY w/stinky car rx) Definatly Antigua, they carry BBC mx -ed.
- 1140 MEXICO Monterrey XEMR strong w/SS pops, telephone calls from listeners, jx ID by young girls 0256 Jan 12 (Portzer-TX)
- 1150 MEXICO San Pedro de las Colonias XEBF fair but atop w/ call & loc. & R.Amidad ID's, ad ranchera mx 0052 Jan 12. (Portzer-TX)
- 1160 CUBA good-poor every eve Jan 12-22 w/ varied SS pgms. Not parti-

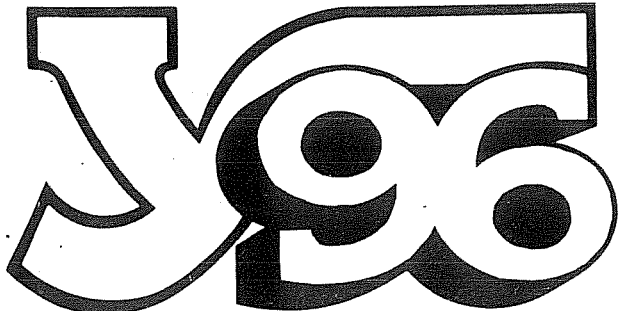
- 1160 ularly bothersome to KSL. Could chose between the two by rotating the loop. (Portzer-TX) K. Kebele w/ BB(?) game coverage for over an hour. Local strength in SS. 0005 Jan 19 (damn Cubans!) (Zuk-NY) 0190 Jan 21 RR lang. lessons o/1161 France het (Connelly-MA)
- 1220 MEXICO Mexico XEB atop jumble of SS stns w/"X-E-B, La B de Mexico" ID & mariachi mx 0447 Jan 14. (Portzer-TX)
- 1220 COLOMBIA Barranquilla HJVF screaming XEB w/ SS pop tunes, TC & "bueno radio... LV de Colombia" ID's 0516 Jan 13, also used distinctive electronic IS, vaguely resembling old KOMO chime IS. Arm-chair quality. No trace og WGAR. (Portzer-TX) Hi Bruce, may the DX gods descend from the E layer and tan your hide with a petrified penguin flipper!! You had location listed as Bogota -ed, ccp's
- 1390 MEXICO Chihuahua hua hua hua XEV good w/ call ID & plug"... en R, Fiesta ...mx nortena, lo mejor..." into nortena mx 0023 Jan 12. (Portzer)
- 1470 MEXICO Tijuana o/u another SS w/ mx ads, RN promos 0602 Jan 20 (bp)
- 1490 MEXICO Matamoros XEMS "La M-S, la super estacion de Matamoros" ID SS talk, R. Mexicana" ID & thumpy mx 0520 Jan 15, way atop channel at tune in, but soon lost in jumble. Also noted on a couple subsequent nights. (Portzer-TX)
- 1500 MEXICO Mexico fair u/ WTP w/ SS talk "XKH... tropical" ID 0435 Jan 14 into tropical mx. (Portzer-TX)
- 1540 UNID SS talk o/u KABL w/ KIA null'd 0505 Jan 20 (Portzer-TX)
- 1550 MEXICO Nuevo Laredo XENU dominant w/ SS mx, "la Rancherita" & call IDs 1245 Jan 18 (Portzer-TX)
- 1560 MEXICO San Rafael Chamalpa XEFAJ" mx Ranchera" ID o/u R. Variedades 0114 Jan 14 (Portzer-TX)
- 1560 MEXICO Cd Juarez XEJPV good-nill o/XEFAJ (no domestic QRM) w/ romantic mx 0113-0145 Jan 14 "R. Variedades, primera en mx moderna" ID after each song, no clue as to location until nx from "R. Centro de Juarez" sponsored by Banco de Mexico SOMEX 0145 (Portzer-TX)
- 1580 ANTIGUA VOA noted what sounded like jamming (like loud machine) operating recently over VOA in CBJ null. Jamming Cuban xmitted? Last heard Jan 26 2325 (Zuk-NY) Karl, I'm going to instruct the DX gods to visit you, too! They'll bring TA's, but you'd better prepare for that penguin flipper! It hurts!! You had this listed as Marathon, FL. 1180 is at Marathon, not 1580 if this is jamming it probably is coming from some Carib. island, perhaps Grenada -ed
- 1580 ANTIGUA VOA 0106 Jan 21 nx by man in EE (usual VOA ancr) way u/CBJ pest. (Connelly-MA)
- 1580.2 UNID het 0105 Jan 21 (Connelly-MA)
- 1580 MEXICO Hermosillo XEDM 0510 Jan 16 ads for Carta Blanca, Jeans shop and a place in Las Vegas, NV "D-W" ID (Portzer-TX) (bp)
- 1590 t MEXICO Monterrey XEACH most likely the one w/ Nortena mx 0504-0512/ Jan 15 o/u KYOK "15-90" ID's after each song "X-E-(fade)" ID hrd.
- 1610 ANGULLIA Caribbean Beacon usual rlg pgms. Has become a regular at this QTH. Almost pest! Jan 26 2200 & others. (Zuk-NY)

THREE CHEERS FOR:

Bruce Portzer DXing from Amarillo, TX w/ TRF & Space Magnet  
 Mark Connelly DXing from Boston & Belmont, MA w/ car rx, TRF, G.E.  
 3-5280B, HQ180A, Palomar Loop  
 J.M. Stanbury II RR #1 Ridgeway, ON L0S1NO w/HQ200 & 90' LW, & big postal bill  
 Karl J. Zuk 224-04 Stronghurst Ave, Queens Village, NY 11427 w/DX 160 w/ random wire, Superadio, Delco car rx.

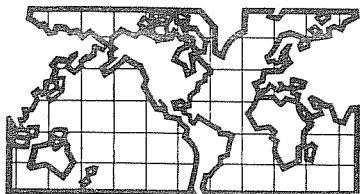
I hope everybody is taking full advantage of the several new frequencies opened up by the Cuban changes...

73's - KAZ -



AM  
 Radio  
 is FUN  
 again!

960/WHYL  
 CARLISLE, PA



## DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138  
(503) 861-3198 - deadline Tuesday

We have a short column this week. Not much to report. Conditions here still haven't improved much.

### PAN-AMERICAN DX ROUNDUP

- 610 GUATEMALA, Guatemala City-TGW at 1101 on 1/24 "La Voz de Guatemala" and two TGW mentions, then marimba mx (what else?). KFI OC on but, not much trouble. Haven't hrd KFI off for a long time. (NHP-BC) (Also was off 2/1.PM)
- 700 COSTA RICA, San Jose-THB hrd at 0657 w/mx and OM in SS was //4832 on 1/21. (BB-Or)
- 1470 MEXICO, Los Mochis, XECU "La Rancherita Alegre" bellowed out by OM, thru crud u/ CJVB OC at 0829-12/28. (NHP-BC)

### TRANS-PACIFIC DX ROUNDUP

- 558 SOUTH KOREA, Pohang-HL??, woman talking in KK at 1554-1/10 //6135, nil to poor. 1st time logged here, some KPQ splash. (NHP-BC)
- 648 USSR, Iman-Kremlin bells hrd weakly 1600 1/14. (NHP-BC)
- 555-7 NORTH KOREA, Pyongyang, fair amid het w/657, on 655 again, 1504 12/27, OM and YL in KK //7600, back on 657 (as near as they get) 1548 1/5 w/orch. mx //6400. Neither was // 3320, but back on 655 1446-1/8, weak w/choral mx //6400 again. 1556-1/10 on 657 w/orch mx and KK talk, pretty fair, //3320 this time. (NHP-BC)
- 666 USSR, Komsomolsk-Orch. mx 1557 1/10 //4485, fairly good signal. (NHP-BC)
- 756 CHINA, 1542 1/10 vy weak piano mx, but seemed //6665 (NHP-BC)
- UNID, Carrier here during good TP cx at 1555 1/14, but DF was NE/SW/NZ making a weak appearance or (ahem!) W. Germany? After SS in Central Europe at this time (NHP-BC)
- 828 JAPAN, Osaka-JOBB good signal 1418 12/27 w/Pop mx, DJ patter in EE, sounded like a domestic except it was called "the English hour". Then something on Beethoven produced by BBC at 1430, finally a JOBB ID and pips at 1500. Had me Wondering... (NHP)
- UNID, weak audio vy murky 1600 1/10, OM talking, sounded vaguely KK. Then apparent s/off 1601, after woman vocalizing. Does DXCC s/off at this time? (NHP-BC) (Yes, they do s/off at 1601 per FEREC-Japan. I have hrd them several times here, with an OM w/murky talk, good music audio, so you prob. had DXCC.PM)
- 837 CHINA, Wuhan 1556-1/15 Woman chatting and laughing in CC, while man made subdued replies. Faded up to fairly good for ID //6665 (NHP-BC)
- 1287 t JAPAN, Sapporo-JOHR JJ? talk by YL 1547 12/27, then Western pop mx. Weakish. (NHP)
- 1413 UNID, 1541 12/27 audio traces, YL talking nil to fair, perhaps JJ? (NHP-BC)
- 1422 UNID, carrier fair some traces 1550 12/27. Carriers on many TP channels from 1314 to 1602 at this time. (NHP-BC)
- 1476 USSR/CHINA?, 1530 12/27 oriental mx across half hour, no Kremlin Bells. So perhaps China, by 1536 woman in CC o/u another station w/man in CC. At 1600, Kremlin Bells vy weak. Bells also 1600 1/12, vy weak. (NHP-BC)
- 1494.5 UNID, This may be a spur, 1540 1/14, but Mor pop w/fading and a TP bearing. Only talk sounded like WPG, the news media? Was gone at 1605 recheck. (NHP-BC)
- 1566 SOUTH KOREA, Cheju Is.-HLAZ much more common thru Dec and Jan than the autumn. Man in RR 1605 12/27, big signal. Still a carrier at 1737. Carrier noted 1714 1/14. (NHP-BC)
- 1575 THAILAND, Ban Pachi, VOA 1521-12/27, US pop mx and oriental talk, poor to fairly good, //9630. Fair to poor EE talk 1549 1/8, spot for Elvis Presley programme on VOA "this Sunday night on studio 1" (NHP-BC)

### VERIES:

- 639 AUSTRALIA, Port Parie-SCK, sent 2nd vq (old style), from AEC-Sydney from f/up report. No signature. (PM-Or)

### THANKS TO THESE GREAT GUYS:

- BB-Or Bill Block-9307 Southeast Clay Street-Portland, Or. 97216  
R-390A, Radio West Loop
- NHP-BC Nick Hall-Patch-1538 Amphion Street-Victoria, B.C. V8R4Z6 (CANADA)  
Transmogrified HRO, 3 ft. loop, ground system
- PM-Or Yer Editor  
E.H. Scott (RBO-2) 600 foot LW, Ground system

## IDing Japanese Broadcasting Stations:

### Some Agenda

by Charles A. Taylor

The earlier article under the title IDing Japanese Broadcasting stations, was forwarded for publishing at the earliest date so that perhaps someone could use it in the waning weeks of this DX season.

It remains to put some other observations on paper after rereading the earlier article. These should be considered a part of the original article, and grouped with it.

Station names Besides the pre-call, many or most Japanese commercial broadcast stations announce a short station name. Some examples are:

JORR-728 Naha, Okinawa	<u>Tsukuru Hoso</u>
JCEP-1143 Kyoto, Hyogo	<u>Kyoto Hoso</u>
JCEP-1197 Kumamoto, Kumamoto	<u>Kumamoto Hoso</u>
JOUR-1233 Nagasaki, Nagasaki	<u>Nagasaki Hoso</u>
JCTF-1251 Urasoe, Okinawa	<u>Urasoe Hoso</u>

I've observed that the three commercial locals (JORR-728 and JOUR-783 Naha; and JCTF-1251 Urasoe) announce their callsigns rather frequently. JCTF announces its callsign nearly every hour immediately before its pig. JORR and JOUR are more sporadic. It occurs to me that perhaps the commercials are required to announce their callsigns at specific times each day. If this is so, I haven't observed a pattern yet.

NHK Local IDs The NHK stations or at most local ID breaks on Sunday. Partially, this is to avoid interrupting some cultural programs. It does appear, however, that the omitted breaks only occur during daylight hours, so they are of minimal consequence to overseas DXers, anyway.

Commercial Networks There exists at least one commercial network of non-co-owned, affiliate stations. I don't yet know the name of this network. At least JCEP-1197 (and relays), JCIF-1413 (and relays), JORF-1422, and JCTF-1440 (and relays) are affiliates.

Conclusions Perhaps usually, overseas DXers will have to settle for IDing NHK stations by establishing parallels with the superpower NHK outlets. However, at least it is possible to positively and individually identify most of the superpower NHK stations, at least some of the medium-power NHK regionals, and possibly even some of the 5-kW locals and 1-kW relays. A DXer has some factors working against him/her in IDing some of the synchro, however, as during network feed, audio components recovered at the receiver from the signals received from all the stations on the channel will be additive; but when stations break away from net feed, all coherence will be lost and what was shortly before audible as clearly readable audio from a synchro channel, may become a faint jumble.

It is expected that the NHK1 local IDs at 2159:45 and 0002 JST/1259:45Z and 1502Z/0459:45 and 6702 PST, and the NHK2 local IDs at 2219:45 and 2359:45 JST/1319:45Z and 1459:45Z/0529:45 and 0659:45 PST, will be the only local ID breaks available for West Coast North-America DXers. But even a few individual superpower IDs on tape will be much superior to the "JJ talks by male" type of recording (and a whole lot more verifiable, too!).

The Japanese commercials (or private stations, as the Japanese themselves term them) will continue to be as difficult or as easy to identify as the DXer is alert— at least we can expect an ID most anytime. Good luck, DXers!

# TA DX FROM WEST COAST NORTH AMERICA

by Nick Hall-Patch and Bruce Portzer

Over the years, a number of articles have appeared concerning medium wave trans-Atlantic DX from east coast North America (ECNA), but very little has appeared concerning reception of European and African stations from west coast North America (WCNA). Generally, the implication has been that since MW signals on low latitude TA paths to ECNA are the most likely to be heard there, then such low latitude signals are the most likely to be heard further west in North America.

So, what are the necessary conditions for TA DX on the east coast? Richard Eckman in "Transatlantic DXing" (IRCA Foreign Log, Vol. 7) notes that it helps to have a loop antenna and a good receiver with sufficient selectivity to separate splits from domestics. Quiet geomagnetic conditions for at least several days are necessary for good high latitude TA reception. Quiet conditions are indicated by a low geomagnetic index (A-index less than 5) for several successive days. The  $A_{3000}$  index is one such index and is transmitted by WWV. Peak TA DX time tends to be in the autumn months. Mark Connelly's "ITU Frequency Allocations and Their Impact on TA DXing" (IRCA Foreign Log, Vol. 8) contains an analysis of likely TA receptions from Virginia through Maritime Canada. The most probable receptions according to this article, are from Iberia, then northwestern Africa and southern Europe, Britain, then northern Europe, the Middle East, and way down the list, the Baltic USSR. This list assumes that the power and frequency of stations in different zones are similar.

"MW Signal Paths" by Gordon Nelson (NRC reprint P1) doesn't cover a great deal about WCNA reception of TA's, but shows that the southern edge of the auroral zone (a slightly oval doughnut shaped ring of charged particles 50-80 km above the earth's surface, centered on the north magnetic pole) defines the northernmost TA path that is viable to ECNA. One map in this article shows a WCNA TA path south of the leading edge of a northerly auroral zone, one which would follow "a very long period of auroral quiet in a year of a sunspot minimum". The article affirms that such a far northerly location of the auroral zone would not be common except in years of sunspot minimum.

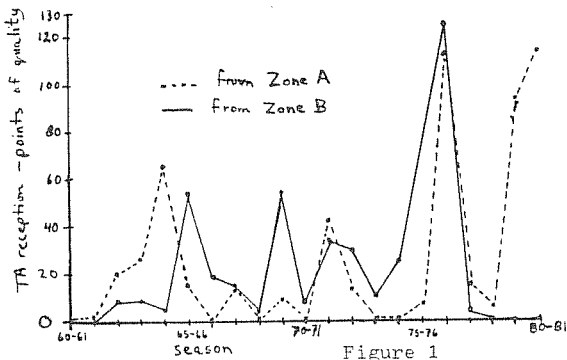
Gray Scrimgeour in "Relation Between Geomagnetic Measurements and MW DX Conditions" (IRCA reprint T26) observed that receptions of European signals in La Jolla, CA during October through December of 1965 occurred on days with a low geomagnetic index, though days with a low A index did not necessarily mean that TA's would be heard. The article states that "a period of low geomagnetism was associated with each of these receptions". Low geomagnetism is defined (as in Eckman's TA DX article) as a preferably lengthy period when the daily A-index does not rise above about 5. Scrimgeour suggested that TA reception on days with a higher A-index were at the end of a period of TA reception and that the higher A value was due to an increase in geomagnetic activity after the final TA's were logged on that day. Gordon Nelson in "Limitations of the A-index for MW DX Purposes" (NRC reprint P12) expands on this idea.

How do the various observations regarding TA reception on ECNA and the WCNA observations above match up with actual loggings of TA's from WCNA? We have sifted through loggings from DX News (dating back to 1960), DX Monitor (from its inception in 1964) and the IRCA Foreign Logs, and with some assistance from Roy Millar, have compiled a list of all known loggings of European and African stations from California, Oregon, Washington and British Columbia, from September 1960 to April 1981. From these loggings we have related reception to a number of different variables. For the purpose of this article, Europe and Africa are divided into four zones. Zone 1 is on a 10-25° bearing from all WCNA (there's not much difference in bearings when looking at Europe from WCNA, e.g. Warsaw is 23° from Los Angeles, 22° from Seattle), and covers Scandinavia, Eastern Europe and the Middle East. Zone 2 is from 25-40° and covers Western Europe and North Africa. Zone 3 is from 40-55° and covers Iberia and northwestern Africa, while Zone 4 is from 55-70° and covers West Africa. WCNA is divided into two zones--Zone A is from southern British Columbia to southern Oregon, while Zone B is all of California.

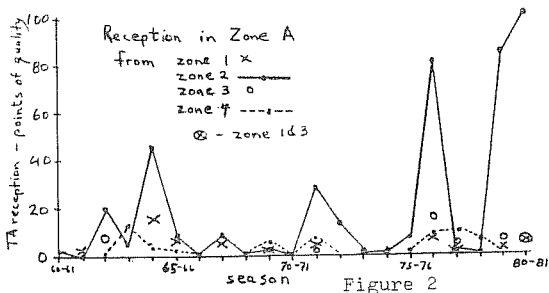
A points system was used to total TA loggings for analysis. Each logging of a TA station carrier counted as one point; a station with weak

and perhaps occasionally readable audio rated a multiplier of two; a station with good, mostly readable audio rated a multiplier of three. So if four TA loggings occurred on 10/21/65, one with fairly good audio (3), one with carrier only (1) and two with weak audio (2), then the "quality" total for that day was  $3+1+2+2 = 8$  points for four stations logged. These quality totals are what were used to compute graphs of reception vs. season etc., rather than just the totals of TA stations and carriers logged.

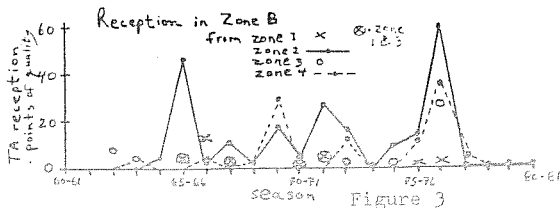
A statistician would probably throw up his hands in horror at what we've done, because searching for TA's from WCNA is not something that is done regularly by highly-skilled and well-paid monitors. Extraordinary receptions are noted only if any of a small number of DXers were listening at the time. Then these DXers must have reported their catches to a DX journal so that we could gather the data some years later. For example, it's very difficult to say if it is significant that in 1966/67, TA's were logged from California only, or that in 1980/81 they were logged from Oregon north only. It might simply mean that nobody was listening from the areas that didn't report TAs. Also, DXers tend not to report "easier" TA catches as an opening progresses, and often don't report all carriers heard during an opening, which would tend to make excellent openings seem less impressive in pure totals. On the other hand, in a "dry" season, every tiny carrier might be reported.



First, we plotted TA receptions (taking quality into account) against seasons, to give us an idea of how TA reception has varied over the years. Figure 1 shows total TA receptions in both zone A and zone B. Generally, the number of days of TA reception follow the same pattern as quality of TA reception, though the variation from minimum number of days to maximum number of days is less exaggerated. In Figure 2, receptions from each zone in Europe and Africa from Zone A are plotted against time. In Figure 3, these receptions are from Zone B.



Keeping in mind that sunspot minima occurred in 1964 and in 1976, it would seem that good reception occurred during sunspot minima in both Zones A and B. But the good openings of 79-81 occurred around sunspot maximum, and the 69-70 and 71-72 openings were quite a few years off a minimum. Looking at the graphs of receptions from Zones 1-4 to Zone A or Zone B in WCNA, shows that receptions from Zone 2 had a major effect on the graph of overall TA receptions.



For the 20½ year period, totals for each TA zone were tallied for the two WCNA zones. These are in Table Ia on the next page. Total individual stations logged were also tallied for the two WCNA zones, and are indicated in Table Ib.

WCNA zone #	TA zone #			
	1	2	3	4
A	51	412	41	53
B	27	202	54	106
Table Ia--total TA reception points				
A	12	29	3	2
B	5	21	9	3
Table Ib--total TA stations heard				

It becomes immediately obvious that we're looking at quite a different set of TA catches from those known to the ECNA DXer. The easier low latitude TA stations for the ECNA DXer seem to be rather more unusual for the WCNA DXer, especially the DXer in Zone A, where only two high power Algerians and a single Portuguese station have been definitely heard in 20½ years. Yet the more common TA catches on the west coast seem to be higher latitude path north Europeans and even, in Zone A, the highest latitude path Eastern Europeans. There appears to be a healthy number of loggings from Zone 4 considering the scarcity of target stations, but Zone 4 appears much more likely

from California than from further north.

Next, totals were made of days of each month over 20½ years that TAs from different zones were heard, and the probability of hearing TA's in each month was calculated. Total quality of reception (using the system described above) for each month over 20½ years was also calculated. Table IIa and IIb below speak for themselves. Probability of receiving any TA of any strength in Zone A seems best in October, followed by March, September and November. Best strength TA's in zone A were in October, then in March, November and September. November seems the best month for Zone 4 and Zone 1 receptions however. In Zone B, October also seem the most probable month for receiving TAs with good strength, but November and December follow in order of likelihood. March is way down in total days when TA's were received, but Jim Young cleaned up on March 6, 1977 which pushes the quality up for that month. Jim's loggings on December 3 and 4, 1976 also pushed up December's quality ratings considerably. Like we said, a statistician would be horrified... Zone 4 and Zone 1 seem to be favored in California in November, and in general, Zone 4 is best November through February.

Table IIa--Daily probability for WCNA TA reception by month

Month	# of days that TAs heard from zone				Total days of TA reception	Possible days over 20½ years	Probability (%) zones				total
	1	2	3	4			1	2	3	4	
Jan	1	3	0	3	6	620	0.2	0.5	0.0	0.5	1.0
Feb	0	0	0	0	0	565	0	0	0	0	0
Mar	1	15	3	3	22	620	0.2	2.4	0.5	0.5	3.5
Apr	0	1	0	3	4	600	0	0.2	0	0.5	0.7
-----no TA receptions in May, Jun, Jul, or Aug-----											
Sep	1	14	3	1	16	630	0.2	2.2	0.5	0.2	2.5
Oct	7	28	3	7	35	651	1.1	4.3	0.5	1.1	5.4
Nov	7	10	3	8	20	630	1.1	1.6	0.5	1.3	3.2
Dec	3	7	0	3	9	651	0.5	1.1	0	0.5	1.4
Jan	0	8	4	5	13	620	0	1.3	0.6	0.8	2.1
Feb	0	1	1	7	9	565	0	0.2	0.2	1.2	1.6
Mar	0	2	2	3	6	620	0	0.3	0.3	0.5	1.0
Apr	0	0	0	0	0	600	0	0	0	0	0
-----no TA receptions in May, Jun, Jul, or Aug-----											
Sep	1	6	0	4	7	630	0.2	1.0	0	0.6	1.1
Oct	6	23	5	6	28	651	0.9	3.5	0.8	0.9	4.3
Nov	4	14	1	8	27	630	0.6	2.2	0.2	1.3	4.3
Dec	2	9	2	13	18	651	0.3	1.4	0.3	2.0	2.8

Months	Jan	Feb	Mar	Apr	Sep	Oct	Nov	Dec	
Zones									
1	3	0	1	0	2	18	19	11	Zone A
2	14	0	116	1	104	130	37	25	
3	0	0	12	0	8	4	5	0	
4	6	0	13	4	3	13	16	4	
Total	23	0	142	5	117	155	77	40	
Zones									
1	0	0	0	0	1	7	13	2	Zone B
2	15	2	13	0	21	77	23	65	
3	5	2	13	0	0	11	2	14	
4	8	17	5	0	7	12	25	22	
Total	28	21	31	0	29	107	81	103	

Table IIb--TA reception quality (in points) per month

Scrimgeour stated in his article that a period of low geomagnetism was associated with each of the TA receptions that he had observed in 1965. Was this true of all TA receptions over the 20½ year period? In general, the answer must be yes. However, extremely low geomagnetism didn't seem to be necessary for TA's to reported on WCNA. Incidentally, different A-indices had to be used for different periods over the 20½ years. Richard Eckman kindly supplied the planetary A-indices for dates up to 1970, Fredericksburg indices were used up to 1979, and Boulder indices up to 1981.

First of all, the mean of all A-indices corresponding to dates when TA's from a certain zone were reported, was calculated and appear in Table IIIa. The mode (A-value occurring most frequently) is also indicated. A number of dates of TA reception showed reasonably high A-indices (in the 10-20 range) which leads us to Scrimgeour's suggestion that the higher geomagnetism appeared after TA's were heard on those dates. So, a new A-index was calculated for each reception; this one was the average of the A-index of the reception date with the A-indices from the two previous days. Then the mean and mode A-index for reception from each zone was calculated again and appears in Table IIIb.

A word here about two loggings from Zone 1. A DXer (no longer in the club) in B.C. heard Estonia-1034 (carrier) and Murmansk-656 (audio) on January 1, 1968. The daily Fredericksburg A-index at that time was 17 and the 3-day average A-index was 20. The planetary A-indices were even higher. It's entirely possible that this reception took place on the date indicated, but it doesn't fit in at all well with the A-indices of other Zone 1 receptions. If this reception is included in the Zone A/Zone 1 mean A-index the index jumps from 5 to 5.9 in Table IIIa, and from 4.7 to 5.9 in Table IIIb. There are a number of interesting receptions through the years, particularly near sunspot maxima, where good receptions took place when the averaged A-index was 8 or higher. In the choice opening of September/October 1980, the A-index hovered between 6 and 8 with one reading of 3 in the entire period. It would appear that there's more to WCNA TA reception than waiting for the A-index to coast below 5 for a week.

Days of TA reception were then grouped together according to the number of points (quality) that each day rated, and the mean of the 3-day average A-index for each group was found. The results for Zones A and B are shown below in Table IV. There seems to be quite a nice movement in the table towards lower A-indices for dates of higher quality reception, until the middle of the table is reached, when things start to go haywire a bit. Two suggestions: There were very few days of really high quality TA reception, so any mean calculated could have been skewed by one larger A-index.

Quality	Average A-index	
	Zone A	Zone B
1	5.8	8.3
2	5.5	6.6
3-4	5.0	5.4
5-6	4.6	4.6
7-8	4.0	3.0
9-10	5.0	-
11-12	-	8.0
13-14	6.3	-
15-16	4.7	-
17-18	5.5	-
20+	4.0	4.0

Table IV--Quality of daily TA opening vs. average A-index

WCNA zone	TA zone	A-index	
		mean	mode
A	1	5.0	3
	2	5.8	2
	3	5.5	4
	4	5.9	3
B	1	5.7	2
	2	5.1	2
	3	4.4	3
	4	7.9	8

Table IIIa--Zonal TA reception vs. daily A-index

WCNA zone	TA zone	A-index	
		mean	mode
A	1	4.7	3
	2	5.4	3
	3	5.3	3
	4	5.4	6
B	1	4.1	4
	2	4.7	5
	3	5.0	3
	4	7.6	5

Table IIIb--Zonal TA reception vs. 3-day average A-index

Were TA's heard one or two days later?
Zone A: yes--47% no--53%
Zone B: yes--41% no--59%
Were TA's heard 25 to 30 days later?
Zone A: yes--15% no--85%
Zone B: yes--22% no--78%

Table V



Possibly however, there is simply more to a good opening than a low A-index, and that slightly higher A-indices may actually be a prerequisite for a high quality opening, particularly near sunspot maximum. There will have to be a lot more high quality openings in order to make an educated guess.

TP DXers on the WC and TA DXers on the EC have generally found that there is a good chance that one will hear DX from a desired region in runs of two days or more, and that 25 to 30 days later there will sometimes be a repeat of a good opening. Do these observations apply to TA DX from WCNA as well? They certainly seem to; see Table V above. (These observations may be skewed if DXers made a point of DXing the next night or 25-30 days later, while not DXing at any other time.) When you realize that in the most probable month for TA DX, there's only about a 5% chance that a TA will be heard on any evening, 41 or 47% for next day DX looks pretty good. A 15 or 22% chance for TA DX in 25-30 days time doesn't look too bad either. Particularly in Zone A, it seems that the 25 to 30 day DX cycle is more predominant during years of low sunspot activity. It also seems that fairly often, a dead night for TA DXing may not mean the end of an opening; signals may be back in force the next night.

In Medium Wave News of April, 1981, Ken Brownless wrote an article on reception of WCNA from the U.K. All stations received there have been 50 kw ones, and they range in location from Los Angeles to Vancouver. Particularly interesting receptions were of KNX-1070 at 0610 UT on May 27, 1966 (Zone 2 TAs have never been heard on WCNA later than late March. Also, August 28, 1967 showed WCNA DX in the U.K. Earliest worthwhile opening here was Sept. 14, 1964.) and KING-1090 on February 23, 1969 after a severe geomagnetic storm on the 20th. Generally, however, the A-index has been 5 or under for WCNA reception. Times when WCNA was heard in the U.K. vary from 0145 to 0800 UT which is about the same as the times TA's have been noted in WCNA, though there were one or two as early as 0100 on this side of the water.

It's often assumed that DX reception is reciprocal on MW (if interference conditions allow). However, many of the openings noted in Brownless'

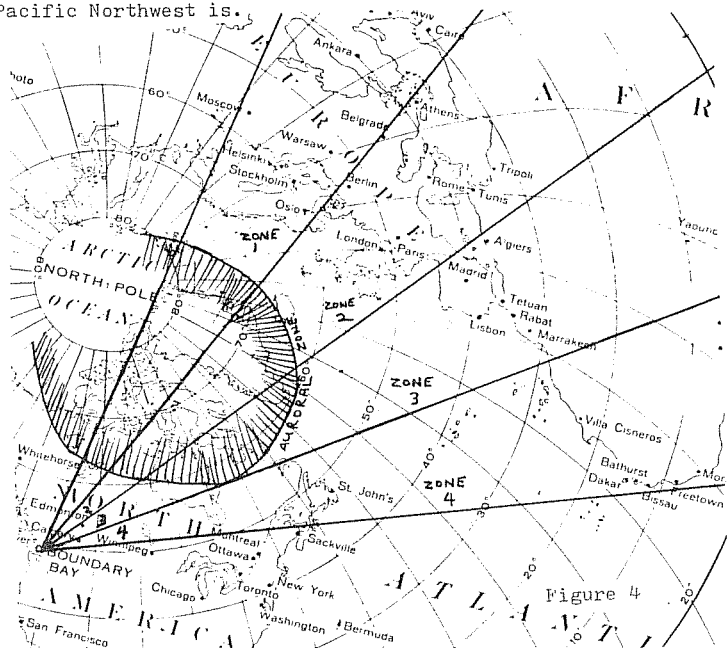
Table VI

Zone 1		Zone 2	
* Murmansk-656	(A - 6; now 657)	* Fire-566	(A-2; now 567)
* Lithuania-665	(A,B-3; now 665)	* BBC-647	(A,B-26)
* Bulgaria-774	(A - 1)	BBC-648	(A - 3)
* Lebanon-836	(A - 1; now 837)	†DDR-657	(A - 2)
* Leningrad-872	(A - 2; now 873)	†BBC-693	(A - 1)
Turkey-1017	(A,B-4)	*†Andorra-701	(B - 1)
* Estonia-1034	(A,B-8; now 1035)	Holland-747	(A - 8)
*†Lithuania-1106	(A - 2; now 1107)	W. Germany-756	(A -12)
*†Egypt-1106	(B - 1; now 1107)	* Andorra-819	(A,B-6)
* Sweden-1178	(A - 1; now 1179)	†Italy-846	(A,B-5)
*†Hungary-1187	(A - 1; now 1188)	*†France-863	(A - 2, now 864)
†Poland-1206	(A - 1)	AFN-873	(A,B-6)
* Estonia-1214	(A,B-2; now 1215)	BBC-882	(A,B-24)
		W. Germany-1017	(A - 2)
		* Austria-1025	(A - 1; now 1026)
		DDR-1044	(A,B-15)
		†BBC-1053	(A,B-2)
		* BBC-1088	(B - 1; now 1089)
		* Czechoslovakia-1097	(A - 1; now 1098)
		* AFN-1106	(A - 1; now 1107)
		VOA-1197	(A,B-17)
		France-1206	(A,B-21)
		* BBC-1214 (to 1215)	(A,B-47, mostly CA)
		* Albania-1214	(B - 5; now 1215)
		* Germany-1268	(B - 1; now 1269)
		*†France-1277	(A,B-2; now 1278)
		*†Czechoslovakia-1286	(B - 1; now 1287)
		* France-1376	(A,B-4; now 1377)
		* W. Germany-1421	(B-1; now 1422)
		* Albania-1457	(A - 1; now 1458)
		* Monaco-1466	(A - 4; now 1467)
		* France-1554	(A,B-3; now 1557)
		* W. Germany-1586	(A,B-2; now 1593)
		W. Germany-1593	(A - 1)
		* W. Germany-1602	(B - 1)
Zone 3			
* Algeria-529	(A - 4; now 531)		
* Portugal-665	(B - 4; now 666)		
Portugal-782	(B - 1)		
* Morocco-818	(B - 2; now 819)		
*†Morocco-827	(B - 1; now 828)		
* Canary Is.-836	(B - 2; now 837)		
*†Spain-854	(B - 1; now 855)		
Algeria-891	(A - 3)		
* Morocco-935	(B - 1; now 936)		
* Portugal-1034	(A,B-8; now 1035)		
* Morocco-1043	(B - 1; now 1044)		
Zone 4			
Dakar-765	(A,B-47,mostly CA)		
* Sierra Leone-1205	(B -13)		
Guinea-1403/4	(A,B-15, mostly CA)		

article show no corresponding opening on WCNA, especially in the '60s. This may simply mean that here were few WCNA DXers actively searching for TA's. In the peak 64-65 season, only about 5 DXers sent in TA loggings to the DX bulletins, and only Roy Millar was living north of San Francisco.

Perhaps we can start to tie together some conclusions from all this. First, (and of some importance to the DXer) in Table VI above, is what has been heard from various zones. In parentheses after each station is the zones of WCNA from which it has been heard and the number of loggings over 20½ years. Stations no longer on the frequency have been noted with an asterisk. Where a station was shifted only a kHz or two in the 1978 switch to 9 kHz spacing, its new frequency is given if it has been heard on the new frequency. Otherwise, the old frequency is given. A <sup>t</sup> indicates a tentative.

One point to note in this list of receptions is the relative lack of TA's heard above 1300 kHz in spite of a number of high powered stations on those frequencies. Another point to note is that Guinea-1404 in particular, has been received in California quite a bit more often than noted here. DXers over the years have made comments like "fairly regular" in their reports without giving specific dates. The almost complete lack of Zone 3 loggings from Zone A is particularly interesting in light of the fact that Iberia and Morocco are most common from the northeastern U.S. Relative distance is probably one reason, as Iberia is considerably further away from, say, Seattle, than northern Europe is. However, Zone 3 loggings are more common in California, which is even further from Iberia than the Pacific Northwest is.



azimuthal equidistant projection centered near Vancouver, B.C.

Perhaps a propagation expert can take the data herein and come up with a reasonable explanation for the TA reception patterns noted from WCNA. In the meantime, here is a possibility. East Coast DXers have usually regarded the southern edge of the auroral zone as the barrier to high latitude DX. Indeed, this seems to be true for DX from West Africa to WCNA. Usually, signals from Iberia to WCNA will be absorbed by the auroral zone, just as are signals from Sweden to ECNA. Why, then, do WCNA DXers hear higher latitude signals when Iberian and Moroccan or even West African signals are blocked? Well, the auroral zone is shaped more like a doughnut than a cap (see Figure 4 above for an approximation of the zone during an extended quiet period), and it seems likely that signals can skip under or over the auroral zone into the clear area, and then skip under or over the other side of the zone. See R.J. Edmunds' "Transpolar DX" (NRC reprint P17) for a detailed discussion of this possibility. So, the southern edge of the auroral zone would concern WCNA DXers a great deal. It would be interesting

to hear from a propagation expert just what variations occur in the northern edge of the auroral zone during changes in geomagnetic activity.

This hypothesis may help to explain why California DXers have heard Portuguese stations when Washington DXers have not--the signals are passing south of the auroral zone for Californians, but are being absorbed for more northerly DXers. Possibly Californians hear fewer northern Europeans because a) they're further away, and b) the more southerly path makes it more likely that signals will not successfully skip through the center of the auroral ring. In 1965 Roy Millar said in DX News that in Washington state "Dakar is the only true Trans Atlantic, others are Trans Arctic". As we move further north in western North America, it's likely that DXing conditions would become closer to what Brian Vernon and other Arctic DXers have experienced, i.e. that TA DX would become more common.

So it would seem that the WCNA DXer isn't in quite the same boat as the ECNA DXer when it comes to receiving TA's. He will certainly need a good receiver and loop (though a modified TRF and Shotgun loop have received West Germany-756 out here), and he needs a period of geomagnetic quiet in the fall for the best TA possibilities. But TA's also appear under mildly unsettled conditions in years other than the sunspot minimum, so it would seem that quiet geomagnetic conditions are not everything. In the Pacific Northwest particularly, the most likely TA's (northern Europeans) are quite unlike the most likely TA's in the northeast U.S. (Iberia, Morocco etc.). However, TA openings seem to have runs of a few days and occasionally repeat after 25-30 days just as they do in the east.

In a letter to various WCNA DXers about a year ago, Bob Foxworth suggested another approach to TA DX. For a few weeks around the winter solstice, sunrise in WCNA corresponds with sunset in north central and north western Europe. The great circle signal path follows the terminator quite closely at this time (keeping in mind that Arctic areas are in darkness) so it would appear that DXing for TA's around WCNA sunrise might also be a possibility, if conditions are right. There have been TA openings around the winter solstice during years of sunspot minimum, so it might be worth a try, especially for TA's further to the east and north. There have been a few tentative loggings of Murmansk-656 (now 657) around local sunrise from WCNA and Colorado; a NE-SW carrier was heard in Victoria on 756 on Jan. 14, 1982 when TPs were good, but it's possible that New Zealand was making a weak appearance rather than West Germany. So if good TP DX is in around December and January, why not swing the loop around and see if something is cooking on the other side of the globe?

We are now looking forward to a sunspot minimum in about 1986. If there is a 22 year DX cycle to correspond with the sunspot cycle, then we will be in for a repeat of the 1964-65 season when many interesting TA's were heard on the west coast. Ken Brownless of Medium Wave Circle feels (from observing past cycles) that DX should start picking up in the autumn of this year, so don't wait until 1986 to start hunting for TAs. Now, where are the California TA DXers? Some sort of TA warning phone network should be set up, so that DXer A will phone DXer B and so on all up and down the coast. The calls should be cheap as few enthusiastic DXers will stay on the line to chat once told that TA's are coming in! If you're interested, contact Nick Hall-Patch, 1538 Amphion St., Victoria, B.C. V8R 4Z6, Canada (phone 604-595-7666 if the TAs are in!) and we'll try to set something up. Who will be the first to log Estonia-1035?

(Special thanks to Richard Eckman, Ken Brownless, and Roy Millar for their assistance in the preparation of this article)

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#### CUBANS THREATEN TO FLOOD FLORIDA

By: W. George Elliott

A radio station in Vancouver, British Columbia could find itself competing with English-language broadcasts from Radio Moscow if Cuba decides to go ahead with a threat to flood Miami, Florida with the programs.

The station, CJOR, broadcasts with ten-thousand watts but at night the station will receive interference from the huge five-hundred-thousand watt Cuban transmitter.

CJOR General Manager, Ron Vandenberg, says the Cuban signal would be heard from Cuba to Alaska because of its strength. The Cubans threatened to flood Florida radio stations with Russian propaganda broadcast on the frequency of 600 kilohertz.

The Vancouver station also shares the frequency and Vandenberg says they have two choices. The station could boost its power to fifty-thousand watts if the station in Cuba does cause problems. Or CJOR could change frequency, but Vandenberg notes that the move would cost a great deal of money.

Source of Information: Broadcast News  
Teletype  
January 8, 1982

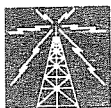
# EASTERN DX FORUM

(215) 368-8067  
RICHARD EVANS  
P.O. Box 1294  
NORTH WALES, PA 19454

David Oliphant, 1483 Portal Street, Ottawa, Ontario K1H 8H9  
Greetings. With the sudden arrival of 6 DXMs in the last week, I find myself once again tempted to write a forum; new Canadian postal rates not withstanding. DX has certainly slowed down here lately, due mostly to a lack of time. Particularly as I leave for work before SR and return after SS. Unfortunately, didn't find out about the mini-contest until a couple of days ago, and it's almost over. Several nice LA openings last week around 2000 ELT, but just couldn't get an ID from stations on either 840 or 880. Guess one just keeps trying, hi. Have even tried some DXing in the car while going to/from work. This has resulted in 2 new stations, plus knowing what freq. to check when I arrive home. I understand a new AM station is due for Ottawa this spring. Also interesting to note that someone in Calgary has applied for a station on 1580; that could become a good Alberta freq. if it goes through. Highlights of December DX were finally logging Sask. (CBK) and Algeria (for my first TA from Ottawa). Would guess from the reports in DXWW that TA conditions are not that good this year. At the rate I've been logging them I hope that is the case. Totals as of 1/14/82 are 377/31/7/15. 73s.

Karl J. Zuk, 224-04 Stronghurst Avenue, Queens Village, New York 11427  
I am increasingly disgruntled about the entertainment value of BCB radio, and all media. The networks and local broadcasters have reached the peak in diminishing returns, and the deregulation of the FCC hasn't helped. Many stations give you the feeling that they are doing you a favor now and then by playing music. I worked at a 1kw day/250w night station in the suburbs of NYC in 1977 and their drive-time shows had no less than the maximum 18 minutes of commercials, and they pushed it to 20 or more. When you include five minutes of network news and commercials and local news, weather and traffic, there wasn't much time for anything else. Maybe one record, if you squeezed it. We were weaned off creative programming from radio's "golden age" when it was more than a place to sell ads. Now it's reached the point of all ads and no entertainment, if they feel like it. Some stations are now going to automation and satellite services featuring mechanical voices from far away that no one human can relate to. Management thinks if you spend the least amount you possibly can and still sell the ads it's very cost-effective. I have just about stopped watching TV and listening to radio because of such smart thinking. No one is willing to take chances in programming because the almighty ratings might fall. WABC in NYC is a prime example. They were a top rocker for 20 years, started to play it safe with only music you knew by heart and the ratings plummeted. They concluded that rock no longer makes it, so they wimp-out and go talk with music filler. (Sound familiar?) The industry refuses to believe that poor programming is their problem, so they write it off because they don't have stereo, or whatever. Take chances and don't be greedy, radio. Otherwise, the listeners will leave like birds in the winter. Hand me that "Walkman". Enough said! 73.

Mike Sapp, 1902 York Drive, Woodbridge, Virginia 22191  
Although I haven't DXed much in the last 2 years, since I have been married, I have started to spend more time at the dials. A new GE Super-radio/cassette combo has helped rekindle my interest. 15 newbies have been added to the log in the last week. Have been doing some DX while driving to and from work on the Toyota's car radio. As far as car radios go, there is a big difference in their performance. The best for BCB DX I have used, have been the Philcos in Ford products. A 1970 Mustang Mach I had a top performing AM only radio, as did my parents 1969 Ford Galaxy. The AM/FM radio in both my 1974 Mustang II and 1978 Mercury Monarch were very good, but the antennas were shorter, thus maybe contributing to slightly less sensitivity. I have never had a GM car that had a good radio, from a DX standpoint. Maybe this is due to the in-the-windshield antenna. Chrysler cars I haven't had much experience with, but the radio in my uncle's 1965 Plymouth was outstanding, while the one in my parents 1970 Dodge was mediocre. The radio in my Toyota is lousy. Has anyone tested any of the aftermarket radios for DXability on the BCB? None of the ads say much about BCB performance. Hope everyone gets their most wanted station.



# Western DX Forum

★ ★ ★ ★

IRCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald, P.O. Box 4861, Santa Rosa, CA 95402-4861 (707) 865-1260

1981/2 Deadlines—Weekly on *Wednesday*, 10 Days Prior to Publication Date

(Note: Tuesday Deadlines Prior to U.S. 3-Day Weekends)

DAVE ROGERS, W.S.H. BOX 465, FORT SUPPLY, OK 73841 (405) 766-3881

Greetings. Not much in the way of DX to report. However, I've changed my DX location slightly. After living in an apartment on the grounds of Western State Hospital for eight years (where my wife and I are employed), we now have a new mobile home in the town of Ft. Supply. Actually it's a move of only a mile-and-a-half. Any IRCAs passing through are welcome to stop. Our address is 516 S. Sheridan (four blocks south of the town hall; not all the streets have signs.) (Gee, sounds just like my area, only it's in a forest; great finding homes at night, hi-RtH.)

DX equipment consists of the Hammarlund HQ-145A and a spiral loop. Have a Drake SW4A in storage in Buffalo.

I've done some listening and have been picking up some extended groundwave in the daytime such as the Chicago stations (WMAQ and WGN).

Ft. Supply is a historical town dating back to 1868 when it was a cavalry outpost. Generals Sheridan and Custer were here at intervals and Ft. Supply was Custer's base of operations when he marched to the Washita River and fought a battle there in 1868. Western State Hospital is located on the grounds of the old fort and several of the original buildings are still standing (Custer's house and the guardhouse, for instance).

Well, IRCA will soon be celebrating another anniversary. I'm a charter member myself (joined in April 1964). I've been DX'ing since 1962 and have 575+ verifies on the BCB. Am 33 and have been married since July 1980. Donna and I are expecting an addition to the family in May. 73 and best wishes.

RANDY TOMER, 1969 27th ST., ARCATA, CA 95521

Some hot news for Drake SPR-4 owners: Good audio may become a reality. Sherwood Engineering will install totally re-designed detectors, audio amplifier, and a quieter power supply for \$150; quite a bit less \$\$ if you want to install them yourself. They also have a new steep-skirted crystal filter for the SPR-4 and SW-4A that's supposed to be a big improvement over the stock one. I phoned Mr. Sherwood and he is a total believer in Drake receivers and is really into hot-rodding them. Address is 1268 S. Ogden St., Denver, CO 80210.

A strong point in Drake receivers is their excellent overload resistance, even my HQ-180 is thoroughly outclassed by the SPR-4 when it comes to DX'ing close to locals. Ric, your HQ-129 wouldn't stand a chance, hi. (Ya had to bring it up, hi. Are you offering a free overhaul? hi-RtH.) By the way, can somebody come up with specific reasons why you can't use a radio in an airplane? I'm very curious. (Aside from screwing up the radar, I can't think of any reasons either, hi-RtH.)

Still hopping around after my recent knee surgery, hopefully someday soon I can go back to work. Then you can have a break from my deluge of contributions to DXM this winter, I'll have other things to keep me occupied.

Art Peterson dropped by on Super Sunday. We watched the 49'ers do their thing. We're both glad we're also longwave DX'ers; it's something to turn to during the crummy cx we've had this winter.

Most interesting DX of the season award goes to Pat Martin for his midday Alaskan receptions, actually no where near as impossible as it sounds, given good midday skip conditions, and here on the West Coast we have some clear channels that are actually "clear."

I'm amused at the way the topic of car radios has been really snowballing recently; they were hardly discussed at all before. After reading John Clemmer's recent forum on the excellence of his Pioneer Supertuner I should reiterate somewhat on my stand that AM/FMs are N.G.; I remember now someone telling me a few years back that Supertuners have a pretty good AM section with good selectivity for a car receiver.

Some surprise DX was heard this last MM 24 January. KTW0 1030 was off and WBZ Boston was really blasting in with tele-talk. I haven't heard WBZ in four years at least. I didn't DX any further than that; couldn't stay awake. Take care and 73 de RET.

TERRY A. KLASEK, 9720 VICKIE PL., ST. LOUIS, MO 63136 (314) 868-7274 ppd

Zzzzzzz. .oh! Howdy all and Happy 1982. I suppose many of you thought I had died because I had not forumed in a few weeks, huh? Sorry, no such luck. I was performing my annual January rite of reading all the Sherlock Holmes stories by Sir Arthur Doyle.

This has been one of the best DX seasons for me. The following DX tests were heard here: WRIB 1220, KJNP 1170, WKLB 1290, WHEO 1270, WKDW 900, KHND 1540, KBYE 890, WJCM 960, KHYM 1060 and WBLT 1350. All but the last are veried.

My goal for this DX season was to hear 500 stations and verify 400 by June 1982. As of 27 January, I've heard 494 with 408 veries. That shoots my goal to smitherines. To be safe I'll now set a goal of 600 heard/500 veried by December 1982. If I don't make this goal I'll renew Ric Heald's membership for three years. Fat chance, Ric. (I'll send the IRCA muscle, Bruno, to collect, hi-RtH.)

I just did in Rob Girardi. He demanded I send him some reports for his verie signers column. So I sent him 121 verie signers. However, I was merciful as I did only the veries from the last three months, hi. Hmmmm, three more veries came in today too.

How many people watched the Stupid Bowl? I had no desire to watch it. (Just because the St. Louis - whatever they are - couldn't cut the mustard is no reason for not watching, hi-RtH.) A meeting of the local DX'ers was transpiring at the time. Rich Overmann turned out to be part glutton/part human. Piggy Overmann gobbled 15 zingers (cokes), guzzled 2 quarts of vodka (A man after my own, hi-RtH.), ate four or five ham sandwiches and didn't belch once. Amazing. He also conned me out of 50 document protectors for his QSLs for 100 feet of copper wire. I got took. (No you didn't; have you checked the price of copper, hi-RtH.)

More junk (ex-collectables) have been received for the 1982 auction. Please vote for St. Louis for IRCA's '82 convention. Why? Because I'll have to rent a U-Haul trailer to cart all the stuff up to John Clemmer's Quad Cities. For the best IRCA convention in recent memory vote for and support St. Louis' bid for the '82 convention.

Now it's contest time. I want to see more people forum so I take it upon myself to offer an incentive. All persons who have a forum in the April Fool's issue (what other issue, huh?) will receive FREE from me three stickers from my trade-box or a photo of myself. You choose and state what you want me to send you in your forum and I'll not send anybody a Double Country sticker, either, hi. (Take the stickers folks, not the photo, hi-RtH.) Now get busy and write some juicy piece of insanity and send it to your forum editor for my favorite issue. .April Fools. (Continued next week-RtH.)

STEVE MC GREEVY, 45 ELDA DR., SAN RAFAEL, CA 94903

Hello everyone. Not too many interesting items to report, because DX appears to have seemingly dropped off here, especially the TPs and such. The last real TP opening worth mentioning was on 03 January. Otherwise, just hets and some weak audio now and then in this ghastly TP DX location, hi.

I've not been DX'ing very much on the domestic side. My latest was KALL 910. Instead I've been concentrating on the frequencies 2 and 5 MHz "tropical bands," with lots of interesting stuff heard there, including the Air Force transmissions from McClellan AFB Sacramento at 0530 GMT on 4740 SSB. I've evesdropped on Air Force flights (ground to air transmissions) from Nellis AFB Las Vegas to Luke AFB Phoenix, and a flight from Dover, Delaware to Frankfurt, West Germany (which was faint). I do enjoy a change now and then from the usual broadcast fare.

I enjoyed meeting Sheldon Remington and truly admire his DXing Post. I guess your QTH is as lousy as mine for TPs, but your tapes of the longwave beacons from the Pacific and MW TPs and DUs at Pt. Reyes were fascinating. It's interesting how well TPs are heard just using the built-in ferrite antennas in portable radios on the immediate coast, but Beverages are really something else. Equally fascinating were your graphs on various stations and the solar eclipse's effect on ionospheric propagation. It would make a very interesting article in a future DXM.

RtH, when are you on the air at WRIB? (Sat/Sun 0600-1200 PLT-RtH.) I'd like to hear you since your move from the "Mighty 1190."

I'm interested to hear more on IRCA's policy on taping catches for proof of reception versus a verification from a station. I myself seldom write for a QSL as I rely on taping and filing these catches. I find more enjoyment of actually hearing an actual recording of a catch than on paper. However, tapes can be copied (as per controversy over trading "airchecks" between members), but often times reception reports are falsified and stations have been known to verify these, especially SW stations. I guess the only absolute proof is to have the station manager or engineer beside you when you hear the station, hi. I'd like to have input on this matter. 73

BILL HARMS, UNIVERSITY STATION, P.O. BOX 7428, PROVO, UT 84602-7428

I'm still around. Since my last forum a lot of DX has passed through my receiver. The most exciting DX was over the Christmas break while up in Spokane. From 20 December to 02 January I heard over 200 stations on the daytime DX mode. (My definition of daytime is two hours after LSR to two hours before LSS). While most day signals are heard on groundwave, some signals still come in from a distance on "residual skip" (as I call it) all day on a good day. For example, on 22 and 29 December, many North Dakota and Saskatchewan stations and some from Manitoba were bombing in at high noon as loud as locals. I think my best catch was KDOM 1580 Windom, Minnesota, topping the channel with farm news at 1300 PLT and when they began to fade, KLOQ decided it was their turn. The CE at CJVR 1420 in his QSL thought it was interesting that I could receive them so well midday with KUJ being so close (100 miles away). Of course, a good Beverage helps too, hi. What was interesting to me was that later in that week I heard KITI all day with what sounded like someone doing contour measurements (Renton?) and KYNG the next day. In all cases I didn't even hear a whimper from KUJ.

Latest veries received includes (d-denotes daytime reception) KFYZ 550d, KGEZ 600d, KSWB 930d, KWRC 940d, KYES 950d, KINS 980, CKRM 980d (CE said mine was first report from Washington) (Must be a new CE, hi-Rth), KBND 110d, KAPA 1340d, CFUN 141Cc (just never got around to verifying them before, hi), KLTC 1460d (again, first report from Washington), KITI 1420d, KORL 650 and CJVR 1420d. All from Washington.

The following from Utah: KRN 984-530, KBOI 670d, KPDQ 800, KWHO 860, KFVB 980, KFAM 680, KANN 1090, KSL translator 1100 in the Marriott Center, Provo, KLVR 1340 and many others. (Condensed per ByLaws-Rth.) Most of the reports were sent from Washington when I had a lot of time with all my relatives and in-laws at work. I'll write more about my Beverage experiences next time. Until then, 73 de WJH.

RIC HEALD, P.O. BOX 4861, SANTA ROSA, CA 95402-4861 Tele-Forum: (415) Topaz 5-1260 to 2200 PLT, 1900 PLT FRI & SAT ppp.

Greetings. First off, Nancy Hardy, in issue 607, as you must know by now, you were had. The report regarding KFIA 710 changing format and calls was totally fraudulent, and I doubt the existence of one John Thomas Hardy, and if he does exist, he's not a member of IRCA that I know of. And if he is, his days in IRCA are numbered. KFIA is still KFIA and still REL/GOS. Why people do this is beyond me; guess he thought he was being funny, not realizing the number of IRCAn's within KFIA's listening range. To me it's 10-year-old humor, if that.

... Enjoyed talking with Steve McGreevy yesterday, 03 February. Steve, why don't we get a North Bay/Redwood Empire DX'pedition going out by Jenner?

Klasek, you flunked the basic rules of journalism in your convention bid. Who, what, when, why and how? When is the convention? Where is it (hotel)? How much? Is there a banquet? That's like asking us to sign a blank check, hi. Of course, if someone would like to pass one on to me for a couple grand I won't stop you, hi.

Have had little time for dial spinning, but did some DX SM, 31 January before getting ready for work. Heard faint C&W on 1560, just enough that I could recognize songs, but voice modulation wasn't there. KKAA? I also find it hard to believe that the Zaragosan on 1560 is 1 kw. They come in like a semi-local. Nothing else noted of any significance. KCBS was testing and did hear the het on 747.

I do live in a rotten area for DX as proved last evening while driving home. While stopped at a major downtown intersection, I listened to WLS, KRWN and WWL on the car radio, this just after LSS. I can't do that in Guerneville, or at least as well.

Remember gang, no long lists of DX catches and only a brief list of your recent veries; it's quite specific in the ByLaws.

From torrential rains and floods to three straight days in the '70s. This winter has been truly weird. Almost as strange as Jaisun's music, hi.

That'll do it for this week. See you in 7 and 73 de Rth. .

BRUCE PORTZER - 6546 19th Avenue NE - Seattle, WA 98115

Hi. I've finally finished a tape of the DX I recorded in Europe. Anyone wanting a copy of it can have it by sending a C-90 cassette and return postage. It contains most of the stations listed in my article in the 11/28 DXM, including airchecks of BBC2, R. Luxembourg, and R Monte Carlo. The latter even has an ad for the Italian version of "Raiders of the Lost Ark". Rick Overmann--your station on 750 was YVKS in Caracas, Venezuela, which plays mostly EE language rock & pop mx. Congrats to Brian Vernon on hearing India-1134...a really remarkable piece of DX! Time to go, see ya next week.

THE INTERNATIONAL RADIO CLUB OF AMERICA

A non-profit organization devoted to the hobby of listening to distant radio stations on the AM broadcast band (510 to 1630 kHz). IRCA is a member of ANARC, the Association of North American Radio Clubs.

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