



# DX MONITOR

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VOLUME 16

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DECEMBER 30, 1978

## DX CALENDAR DX CALENDAR DX CALENDAR

- MM Jan 8 WXAP--860-Atlanta, GA 0000-0400 1 kw.  
Tones, various mx. Rpts to: Dan Dunnigan,  
OE, WXAP, 1655 Peachtree St., NE, Atlanta  
30309. Arranged by Chucuk Hutton for NRG.
- MM Jan 8 KKIO-1290-Santa Barbara, CA 0300-0400 1/2 kw  
Many IDs, tones & Herb Alpert mx. Rpts to:  
Mr. Guy Erway, KKIO Radio, 1919 State St.,  
Santa Barbara, CA 93101. Arranged by:  
George A. Santulll for NRC.
- MM Jan 8 WJOB-1230 Hammond, IN. 0115-0215.  
Will use day power of 1kw. Test will  
include 1,000 cycle tone, Gospel music,  
and a lot of wierd things. Prepaid calls  
accepted at (219) 845-1100. Reports to:  
Gordon Boss, CE-WJOB-6405 Olcott-Hammond,  
IN 46320.

Serving American Forces in Europe

### This is AFN...

TP DX

New data book entitled PACIFIC LOG has been released. It contains up to date information on frequency changes for Australia, New Zealand, Papua New Guinea, all Pacific Islands including U.S. Trust Territories, Indonesia, P.I., and Japan as well as program formats, transmission schedules, including silent periods, directional patterns, new networks, and call/frequency cross reference. It uses the same format as the NRC Domestic Log. Order your copy today. It will open the way for all that rare TP DX you've been waiting for. Imagine logging Niue on 531 with 250 watts, Truk Island 1602 or Noumea 666. Write to Chris Martin, GPO Box 1150, Sydney 2001, Australia. Price is Austr. \$5.00 + 3.00 for handling, packaging and air mail postage to your address. Remit by International Bank Draft or International Money Order.

### WOBGRATS GET-TOGETHER

(Washington-Oregon-British Columbia Radio & TV Society)

The second annual WOBGRATS Ground Hog's Day GTG will take place Saturday February 3, 1979, beginning at 12 Noon, at the home of Bruce & Evelyn Portzer, 6546 19th Avenue N.E., Seattle, WA. Those who attended last year's festival are still talking about it and wondering what will happen this year.

- \* Will Phil Bytheway bring his deflatable penguin?
- \* Will Jef Jaisun sell autographed copies of his album?
- \* Will John Oldfield bring more of that stuff he claims is Canadian beer?
- \* Will Don Kaskey show up to promote the virtues of becoming Editor-in-Chief?
- \* Will Rich Segalas show up? Or will he be held prisoner in a Crown Zellerbach papermill?

The answers to these questions and other "in" jokes can be answered only by showing up. The stories you'll read in DXM afterwards will be grossly distorted.

If you plan to attend or want more information, contact Bruce at (206) 522-2521. SEE YOU THERE!

FOR SALE FOR SALE FOR SALE FOR SALE

Computer printout of Great Circle Distance and Beam headings of over 125 U.S. and Canadian cities computed on the individuals home coordinates. The cost is \$5.00 (cash, check or money order). All that is needed is the individuals geographical coordinates. Contact: Jeff Pulver, 111 Beach Rd., Kings Point, NY 11023

The following was received from Bill Moriyama and confirmed by Bill Harms:

O.K., guys---read & weep...this story moved on the United Press International wire @ 7:33PM, 12/19/78. (Washington)--The Federal Communications Commission has approved a plan to establish up to 125 new AM radio stations by limiting the projected range of powerful "clear channel" stations to 750 miles.

Says FCC Chairman Charles Ferris, "It's the final action leading toward the breakdown of the so-called 'clear channel' radio stations in the country--stations established to have little or no interference when there were few radio stations in the country". Ferris says that under the new plan, the maximum protection afforded present "clear channel" stations---some of which can reach coast to coast---will be about 750 miles.

Ferris estimates the FCC action will allow the establishment of 100 to 125 more AM stations nationwide.

After a final period of comments from interested parties, Ferris said those desiring new AM stations will apply for them in particular areas. He estimates the process should take another two to three years. Said Ferris, "We're envisioning stations of comparable quality as those that are listened to now--in the 200 to 500 watt range."

Of the nearly 45-hundred AM stations in the United States--about 25 of them are 50-thousand watt "clear channel" stations. Some of the stations affected by this proposal are: KFI-640; WSM-650; WNBC-660; WMAJ-670; WLW-700; WGN-720; WSB-750; WJR-760; WABC-770; WBBM-780; WBAP-820; WCCO-830; WHAS-840; WWL-870; WCBW-880; WLS-890; KDKA-1020; WBZ-1030; WHO-1040; WWWE-1100; KMOX-1120; KSL-1160; WHAM-1180; WOAI-1200 & WCAU-1210..

STATIONS NOT-REPORTED TO DXR & DXWW since prior to Volume 12 (continued from past issues)

Twelve more stations were reported to these columns for the first time in over 4 years. Dave Faulkner heard WKBZ-MI, WBLF-PA, WTIG-OH, KYSM-MN, WHCO-IL, WRRR-IL, WATW-WI & WBEX-OH. Bill Townshend reported WCMD-MD. Jos. Landry had KDBS-LA. Jim Albrecht heard WJPJ-TN & Dan Gradin reported KROX-MN. Someone outside of the KNEW-slop must be able to hear KLOC? dkk

### WILM-RADIO

Delaware Broadcasting Co.

920 KING STREET  
WILMINGTON, DELAWARE, 19801

## The Inside Story

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**eastern dx  
roundup**

Bob Curtis  
17 Cobbleview Dr.  
Colchester, VT 05446

DEADLINES: Mondays All times are Eastern Local  
\*\*\*\*\*

**Splatter:**

"Right now I have 465 stations in the log book. CBW was # 465 and # 83 Canadian."  
Bryan Lee - CT

"I now have every full-time 810 in North America & many of the other Canadian 800s as well as a couple of stations on 790 I've wanted for a long time." Dave Faulkner - MI

"I'm listening to blankness then suddenly CKJD pops on..." (see 1110) Bryan Lee - CT

"ID took me completely by surprise."  
(see KWSR-810) Dave Faulkner - MI

\*\*\*\*\*

- 530 NB ON, North Bay 12/10 0001 aviation beacon. Every 15 seconds there are CW ID and 7 seconds of tone. Good signal. Heard on DX-160. (WPT-DC)
- 560 KWTO MO, Springfield 12/11 1745 very badly wanted here finally in quite well at 1745 w/much mention of Springfield, spot for Fairway Mobile Homes that must've been 2 minutes long, ID & into MOR sounding mx. (DF-MI)
- WOOF AL, Dotham 12/11 1743 w/s/off, pwr given, two IDs by YL. QRM from WIND/KWTO/WJLS. (DF-MI)
- 580 WCHS WV, Charleston 12/10 0213 TC, JX-ID, NHL-NFL Sports scores, oldies mx. Good signal. Slight QRM from UNID. (BL-CT)
- 640 KFI CA, Los Angeles 12/10 0042 fair w/record ad, "64-KFI" ID then "Hotel California" by the Eagles o/u suspected Guatemalan; Cuba nulled. (MC-MA)
- 690 ???? UNID, 12/11 0200 Someone here well on MOR in EE, interview program of a woman interviewing an author. No 0200 ID; voices sounded Canadian. CBU? Western Canada good this AM (DF-MI)
- 710 \*????\* UNID, 12/11 0200+ TTer here, various freq tones, no IDs, a lot of dead air, way o/WOR/CJRN looping roughly NE/SW. (DF-MI)
- 730 (WPIK) VA, Alexandria 12/9 1108 noted off air, but on again by 1230. (WPT-DC)
- 740 CBX AB, Edmonton 12/11 0153 in quite well w/unID TT'er w/MOR mx, IDs at 0152 & 0155. Also much wanted. (DF-MI)
- WKIS FL, Orlando 12/9 0508 rr mx, local spot, ID barely readable in KRMG null. Didn't last long. Again much wanted. (DF-MI)
- ???? UNID, 12/11 0144-after 0210 unID TT'er here. Strong sigs first noted w/various freq TTs, then mx after 0200. Kept playing "My Life" by Billy Joel. Signal strength varied, first fair but clear, then gone, then very strong, then gone, then fair, then strong again, as if engr were working on pwr/pattern change system. Who?? (DF-MI)
- 780 WJAG NE, Norfolk 12/11 1733 weak u/WBBM w/local notes, much talk but few details could be picked out. (DF-MI)
- 790 WAEB PA, Allentown 12/9 0500 ID & into nx thru WSGW/WTAR & co. in slight CKLW sloop. (DF-MI)
- + 12/10 2300 nx & wx forecast for Lehigh Valley. Poor. (BC-VT)
- WWNY NY, Watertown 12/11 0100 ID only u/WTAR/WSGW/WMC. Could've just had carrier on. (DF-MI)
- 800 CHRC QU, Quebec 12/1 0425 in w/very trite sounding FF mx, mention of Quebec many times, fair sigs, moderate QRM. (DF-MI)
- 810 CHQR AB, Calgary 12/11 0124 noted in & out here several times 0100-0145 w/MOR mx, talk, ID noted 0124. Fair sigs w/moderate QRM from one of either KCMO, CJKS or KGO depending on when you were listening. (DF-MI)

- KGO CA, San Francisco 12/11 0122, 25, 30 IDs noted rather under everyone else here. Doing rather poorly w/-KCMO nulled. CJKS gave it most of the trouble. (DF-MI)
- KWSR CO, Rifle 12/11 1712 ID took me completely by surprise o/WGY 1712. Seemed a bit early but good sig, some CKLW sloop. Here for some time after but never as good as when first noted. (DF-MI)
- 850 WKBZ MI, Muskegon 12/11 1707-1710 nx, wx for Muskegon, YL anncr w/many correspondant's rpts, poor w/WJW partially nulled. (DF-MI)
- 900 WOZK AL, Ozark 12/11 1721 w/MOR mx, spots for local stores but being buried by WFIA w/CHML nulled. (DF-MI)
- 920 CJCH NS, Halifax 12/10 0155 News, ment of Bennett Campbell takes over in PEI in election. Sports, wx, ID, "C-J-C-H...Nova Scotia's Authoritative News Voice". Xlnt signal. (WJAR off?) (BL-CT)
- 930 WITN NC, Washington 12/7 0600 s/on w/NA Fair. (WPT-DC)
- 950 WWJ MI, Detroit 12/10 0200 ID "News-Radio 95...W-W-J Detroit" into CBS Nx. Very good signal. (BL-CT)
- 970 WBLF PA, Bellefonte 12/12 1610 PA nx, mention of Pittsburgh making me think it was WWSW but positive WBLF ID, two OM anncrs, one with sports the other with community news. (DF-MI)
- 990 CBW MB, Winnipeg 12/10 0205-0209 Finally! CBC Nx, Manitoba wx, (Churchill: -28°!) 0207: s/off anncmnt ment of all CBC stations under affiliation w/CBW in MB and western ON, then "Oh Canada" played and off the air. Fair.New. (BL-CT)
- WHOO FL, Orlando 12/11 1700 nice ID here in well w/WERK & WEEB (2nd loggings for these two) during WNOX fade. WNOX killed them all after about 15 seconds. Surprised to find CBW also here. (DF-MI)
- WNNO WI, Wisconsin Dells 12/11 1702 w/CBW w/WNOX nulled very good sig. w/local notes, mention of some big event at the Shiloh Baptist Church and superb ID. (DF-MI)
- WTIG OH, Massillon 12/12 1605 ID ending nx, weak w/little QRM. (DF-MI)
- 1050 WZIP OH, Cincinnati 12/8 1706 in briefly w/end of nx, ID, beginning of rlg's pgm. Fair w/heavy CHUM QRM. (DF-MI)
- 1070 CHOK ON, Sarnia 12/12 1634 wx report, (temp 0°C/32°F), nx. Good. (WPT-MD)
- WINA VA, Charlottesville 12/11 0030 in w/good sigs o/moderate QRM from KNX/WTSO/others w/end of "Washington Cloakroom" pgm # 1561, an interview w/Demo. Senator from CO, ID by YL. (DF-MI)
- 1110 CKJD ON, Sarnia 12/10 0136-0151 Xlnt signal! Strange though, was listening on 1110 and at 0124 CKJD literally "popped" on! DJ, Frank Wood. NHL Sports Wrap-up, JX ID, ad for Roma Pizza, call 336-6777. (WBT off, of course) New. (BL-CT)
- + 12/12 1636 caught ID by OM. Fair to good. (WPT-MD)
- 1190 WHMT Humboldt 12/9 1745 s/off, SSB took me by surprise. Fair sigs right through WOWO. (DF-MI)
- 1230 KYSM MN, Mankato 12/8 0600 nice ID in a lot of QRM. (DF-MI)
- WCMD MD, Cumberland 12/6 1207 western MD nx, ment of Keyser, WV, JX ID, basketball scores. Fair u/WITH. (WPT-MD)
- WHCO IL, Sparta 12/7 1759 atop w/good sigs for ID, into nx. (DF-MI)
- 1240 WGEB NY, Freeport 12/10 0110 T-40 mx, PSA, some contest (?) called the "G-B-B Car Box" (?) Fadey, mixing w/WWCO. (BL-CT)

WHBU IN, Anderson 12/12 1659 atop in CJCS null w/MOR mx, ID, spot before nx, then back down into the mess. (DF-MI)  
 WWC0 CT, Waterbury 12/10 0107 ID as just "C-0". T-40 mx, heard many ments of Waterbury. A rare appearance for them. Fair but fadey sig. QRM from WGBB. (BL-CT)  
 1270 WGSV AL, Guthrieville 12/7 1745 caught the end of s/off, ID, pwr, SSB. Weak w/WXYZ nullled. (DF-MI)  
 1280 WNAM WI, Neenah-Menasha 12/12 1714 mixing w/CJJD/WROC w/long nx, sports, wx, spot for business in Neenah & ID. (DF-MI)  
 1300 WBLG KY, Lexington another much wanted in 12/9 1713 w/rr mx, "on 13-BLG" o/WERE w/very good sigs. (DF-MI)  
 WTAQ IA, LaGrange 12/7 1623 believed to be the one here in WERE null and o/WOOD w/many spots & tentative ID. Not doing very well. (DF-MI)  
 1320 KNCB IA, Vivian 11/30 1815 (see my report of KWHN, EDXR, Dec.9) Fair w/s/off in moderate QRM, very readable w/IDs, pwr etc. Heard SSB. (Undoubtedly one of the two noted w/s/off o/KWHN.) (DF-MI)  
 KRLW AR, Walnut Ridge 11/30 1815 probably the second s/off noted o/KWHN, was u/KNCB 11/30 1815 but picked out one ID, had SSB. (DF-MI)  
 KXYZ TX, Houston 12/7 1720 fair in moderate QRM w/rr mx, mention of Houston, then ID. A bit of a surprise though not unprecedented, (KYAL, KPAC, KYOK & many others noted here at LSS in the past. (DF-MI)  
 WKIN TN, Kingsport 12/7 1715 o/heavy QRM w/s/off, no SSB. Usual pest WKTQ not around. (DF-MI)  
 WMSR TN, Manchester 12/9 1730 w/s/off in heavy QRM, ID, pwr given but no SSB noted. (DF-MI)  
 WOIC SC, Columbia 12/7 1709 doing quite well w/spot, R&B mx, something about "here at WOIC". (DF-MI)  
 WNGO KY, Mayfield 12/9 1712 ID weak during WKTQ fade. WCLU also here. (DF-MI)  
 WSCR PA, Scranton 12/9 1705 w/nx, "reporting for WSCR nx" weak w/heavy QRM. (DF-MI)  
 1330 WETZ WV, New Martinsville 12/7 1700 ID, into nx. Fair in moderate QRM. (DF-MI)  
 WRRR IL, Rockford 12/12 1730 s/off quite good, no SSB. (DF-MI)  
 1400 CJFP QU, Riviere du Loup 12/11 0000 in FF doing quite well w/ID w/QRM from the usual three & another FF here as well. (DF-MI)  
 WATW WI, Ashland 12/10 2354 thru WJLB/WYSL/WSAM QRM w/ID. (DF-MI)  
 WMSL AL, Decatur 12/10 1258 ID & what could've been s/off w/heavy QRM from WJLB/WYSL/WSAM/CJFP. (DF-MI)  
 1430 WEIR WV, Weirton 12/10 1710 w/rr mx, very weak w/heavy QRM. Was about the fourth stn down under the pile. (DF-MI)  
 1480 CHR D QU, Drummondville 12/6 0002 mx in FF by OM. Fair atop channel. (WPT-DC)  
 1490 WBEX OH, Chillicothe 12/9 1643 fair in much QRM w/MOR-sounding mx, ID. (DF-MI)  
 WPOR ME, Portland 12/10 0052 ID: (?) "The Heart of Country Maine...WPOR AM-15 FM-102". Fair. (BL-CT)  
 ???? UNID, 12/10 0054 bsktball game. UCLA vs (?) & I think I heard an ID at 0100 like: "The Big C". WCSS? Poor signal u/WPOR (BL-CT)  
 1530 KPCR MO, Bowling Green 11/30 1717 with spot for food market in Bowling Green fair w/little WCKY (DF-MI)  
 WASC SC, Spartansburg 11/30 1719 pretty much alone after KPCR fade w/very nice ID 1719 but no more, sounded almost like they were signing off late & were in a hurry to get off the air. (DF-MI)

1560 WZYD NC, Dobson 12/10 1715 s/off by OM, ment of 1000 watt power w/500 watt PSA. Fair u/WQXR. (WPT-DC)

PER THE LIST

1470 WFSR KY, Harlan 12/9 0431 r/c doing quite well o&u/WMBD w/1,000 Hz TT & IDs every two or three minutes. (DF-MI)  
 1490 WSIP KY, Paintsville was on for listed r/c 12/9 0447 tho a bit late and quite weak. Noted only one ID, 1,000 Hz TT in much QRM. (DF-MI)

REPORTERS THIS ISSUE

MC-MA Mark Connelly, 52 Amsden St., Arlington, MA 02174 R-390-A Ant: SM-2  
 DF-MI Dave Faulkner, 1430 Pine Grove Ave., Port Huron, MI 48060 Realistic TRF  
 BL-CT Bryan Lee, P. O. Box 69, Brooklyn, CT 06234 TRF + longwire  
 WPT-DC Bill Townshend, 4500 Conn. Ave., NW, Washington, DC 20008 Realistic TRF  
 WPT-MD DX'ing from work site at Marlow Heights, MD  
 BC-VT Bob Curtis, 17 Cobbleview Dr., Colchester, VT 05446 SP-600 + longwire  
 \*\*\*\*\*

73 and good DX Bob Curtis

central dx roundup

Bob Lazar  
 511 W. Doty St., Apt. 208  
 Madison, Wisconsin 53703

DEADLINES: Tuesdays 1/2, 1/9, 1/16, 1/23, 1/30

REMEMBER: All reports intended to arrive for the 1/9 deadline should be addressed to:

Bob Lazar  
 1109 Niesen Rd.  
 Port Washington, WI 53074

650 KIKK TX Pasadena 12/9 1432-1435 C&W mx, ID "KIKK" pronounced as one word, wx (temp. 38°), ad for western clothing store. Signal very faint, fluttering. (JL)  
 950 CFAM MB Altona 12/10 0355-0420 with classical music and IDs for 1220-1250 & 950 network. Been after this one for years. (NZ)  
 990 KNIN TX Wichita Falls 11/25 1809-1812 Ad for Long John Silver Restaurant, ID: "Your Station-KNIN", C&W mx, another ID, TC. Signal good to fair, w/ slight QSB, fluttering. (JL)  
 1150 WDEL DE Wilmington 12/11 0108-10 Fair w/ nx by YL then s/off ment 5kw & SSB. o/ CKOC. (JA)  
 1250 WTAE PA Pittsburgh 11/25 0246-0247 SID, country-pop tune by Dolly Parton. Signal didn't last long-QSB, fluttering, extra heavy QRM from several stns.(JL)  
 1320 WKTQ PA Pittsburgh 12/6 0058-0101 U. of Pittsburgh Sports nx, wx, calls, nx. OM & YL alternating w/ items. Sig poor, intermittent, pushed aside by KXYZ.(JL)  
 1370\*WEIF\*WV\*Woundsville 12/9 on ET with voice ID pretty good out of OC @ 0203. (NZ)  
 1390 KFRA LA Franklin 12/9 1458-1503 ID w/ calls, disco mx, TC. Signal good, w/ splash from local WYNK. (JL)  
 1410 KDBS IA Alexandria 12/9 1509-1515 Ad for Reliable Finance, PSA for Forest Fire Prevention, other ads, R&R mx, calls. Signal faint, mixing w/ unid stn.(JL)  
 1470 KRBC TX Abilene 11/29 1835-43 Fair-good w/ "30 sec. nx break", ID, spot for Jewel Box Jewelers, Top 40 mx. (JA)  
 1480\*WARI\*AL\*Abbeville 12/7 0155-0200 f/c w/ dial tone, calls, garbled amnt. Sig weak, erratic, wrecked by WABB & others.(JL)  
 WABB AL Mobile 12/12 1802-10 Poor-fair w/ ad for Johnson Auto, plug for "WABB Xmas Contest" giving address Box 2148 Mobile AL. R&R mx. (JA)  
 KLEO KS Wichita 11/26 0030-0033 ID: "KLEO Wichita's Music Stn", R&R mx, another ID. Signal poor, w/ marked QSB, fluttering-displaced by KBOX at times.(JL)  
 WADR NY Remsen 12/11 1629-30 Fair w/ C&W mx, then s/off ment 5kw, no SSB. (JA)

1490 \*KBIX\*OK\*Muskogee 12/7 0210-0215 F/c w/ 1000 cycle tone. Confirmed by telephone. Stn testing 250 watt aux. xmtr at the time. Signal weak, fighting w/ other GY stns. (JL)

1530 WJJP TN Huntingdon 12/7 1745 Poor, mixing w/ WCKY, s/off, no SSB. (JA)

KGBT TX Harlingen 11/26 0050-0101 Romantica mx, SS ancr. S/off w/ calls in EE, NA. Signal fair to poor, u/ WCKY. Stn first logged 7/6/76 mauling WCKY in illegal broadcast. (JL)

1580 KRZI TX Waco 12/11 0134-37 Poor-fair w/ ID & "Brown Eyed Girl" by Van Morrison. o/ XEDM/unid TT. (JA)

DX TESTS

680 WCAW WV Charleston 12/16 0501-0525 Good on 50kw ET w/ RS C&W format. Slight WPTF QRM at times. They were also audible here, but much weaker, just before 0500 on their 250 watt power. Thanks to Rich Segalas for the phone tip on this one. (RAL)

1190 KADE CO Boulder 12/4 DX heard w/ TTs & Voice IDs. (NZ)

1360 KRRR NM Ruidoso 12/4 DX heard w/ TTs & Code. IDs. (NZ)

A TIP OF THE HAT TO THESE CDXR CONTRIBUTORS

JA - JIM ALBRECHT, 3313 N. Weil, Milwaukee, WI 53212 (Sony CRF-5090, Realistic TRF)

JL - JOSEPH LANDRY, 11643 Baylor Dr., Baton Rouge, LA 70816 (Realistic TRF, 350' LW)

NZ - NEIL ZANK, 623 Lyncrest Dr. Lincoln, NE 68510

RAL - BOB LAZAR, 511 W. Doty, Apt. 208, Madison, WI 53703 (FRG-7, SM-2)

HAPPY NEW YEAR!

NANCY HARDY, Editor

2301 PACIFIC AVE.

ABERDEEN, WA 98520

**western dx roundup**

ALL TIMES ARE EASTERN LOCAL

Phone for hot WDXR tips: (206)532-6827 till 10:30pm (PLT) nightly--prepaid calls only

DEADLINES: Thurs. 1/11, Thurs. 1/18, Thurs. 1/25  
REPORTERS FOR THIS ISSUE:

(DG) Dan Gradin-27540 SE Chase-Gresham, OR 97030 HQ-180, NRC loop

(NHP) Nick Hall-Patch-3272 Alder St.-Victoria, BC Transmogrified HRO, V8X 1P2 FET AA loop

(BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA FRG-7, SM-1 98520

(NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA FRG-7, SM-1 98520

(WJH) Bill Harms-865N 160W #2-Provo, UT 84601 Sony Digimatic clock radio w/wedge, Philco car radio

(MDM) Mort Meehan-7682 North Star Ave.- Twentynine Palms, CA 92277 FRG-7, Sanserino loop, 2 longwires; Panasonic RF-2200, TRF; Sony ICF 5900 w/Radio West loop

(RW) Robert Wien-945 Desert Isle Dr.-San Jose, CA GE TRF long range portable, 95117 SM-2

\*\*\*\*\*

540 KVIP CA, Redding 11/12 1700 "39° in Redding" and good signal for 550 mi. daytime. (MDM-CA)  
+12/9 1928-1935 a PSA for a performance of "The Greatest Story Ever Told" at a Red Bluff church. ID at 1930 into inspirational mx. Good w/ CBK nulled. (WJH-UT)

540 KDLT UT, Delta 12/8 1904 fair in KVIP null w/ID "L-T 54," top 40 mx. XEWA came in soon after. (RW-CA)

550 KENI AK, Anchorage 12/10 ID after song at 0730 & into nx. Good signal. (DG-OR)

590 KTHO CA, S. Lake Tahoe 12/12 on top at 0905 w/several ments of S. Lake Tahoe, and an ID. (DG-OR)

600 KSXO CA, Redding local ads & ID into a soft rock song 12/11 1933-1935. Weak w/others nulled, so fair readability. ID "K-6-0 Redding." (WJH-UT)

600 CFQC SA, Saskatoon 12/9 w/ID during nx at 0840. Fair, o/u KGEZ. (DG-OR)

610 KONA WA, Kennewick-Richland-Pasco finally nabbed this one 12/11 1920 w/ID & local ads. Dominating channel. (WJH-UT)

610 CJAT BC, Trail 12/11 0435-0437 pop mx, ID "It's -3° at Music CJAT." Good o/KRKE. No KPRC noted. Off? (WJH-UT)

620 KWFT TX, Wichita Falls 12/10 2054-2107 CST TC 7:54, PSA, frequent ID's and EZL mx. CBS nx on the hour. Good, but the Mexican was trying to take over. All other QRM nulled. (WJH-UT)

630 KIDO ID, Boise 11/12 1423 South West ad, gives call often. At 650 miles, daytime, and no trace of nearer KIDD, KOH, or KSXX. KFI-640 slop had to be nulled. (MDM-CA)

680 KOMW WA, Omak 12/10 1848-1900 local nx & ID, s/off w/SSB. KNBR nulled; fair to good signal. (WJH-UT)

680 \*WCAW\* WV, Charleston 12/16 0500-0600 w/KNBR off, in quite fair at times considering the distance, but long deep fades at times. Modern C&W mx, DJ said "WCAW" after every record except at 0530 when into Ae nx till 0535. Best ID was at 0500. Apparently regular prog. using 50kw daytime facilities! no ads except during Ae nx. Thanks to Rich Segalas for the advance phone call on this rare catch!! This made state #40 for Nancy, #39 for Bill. Not possible Sun. 12/17 because KNBR was on. (NH & BH-WA)

690 CBU BC, Vancouver local noon w/good signal 12/9 1400 ID into Canadian nx. 850 mi. KBLI, KEOS & KHEY all under. KIRO-710 w/ xlnt signal, KNBR-680 & KGHL-790 also noted in around noon. (WJH-UT)

690 ?CBF? PQ, Montréal 12/12 0700-0703 most likely the one w/nx in FF & CBC nx theme 0700 & 0703. Montréal was ment. in the nx, but then that could have been any CBC outlet just as easily, so won't count it. Poor signal w/XETRA nulled. (BH)

710 KGNC TX, Amarillo noted SID & rr mx while listening to a Sonics game on KIRO 2338 12/10. The Mexican was also in there. (WJH)

730 KBOY OR, Medford 11/12 1923 local ad; w/ CKLG. S/off 1947. (MDM-CA)

780 WJAG NE, Norfolk 12/10 finally heard this one, w/a WJAG ID, & into a C&W song. Fair to poor at 0840. (DG-OR)

790 KXQR CA, Clovis 11/25 1945 noted s/off w/ mentions of Clovis, Calif., and many call letter ID's, though none too clear. KGMI was nulled, but misc. interference. (NHP-BC)

790 (KABC) CA, Los Angeles 12/11 0314 noted off, only KGHL & KWIL in. (RW-CA)

1010 CFRB ON, Toronto 12/11 0319 good to very good signal, some type of interview or talk show w/man & woman, about the problems of school attendance in Ontario. No sign of KXEG. (RW-CA)

1060 KBGN ID, Caldwell 12/8 1900 topping KPAY & KKKQ w/ad for relig. pamphlets, song "You Can Find Him, Too," ad for Better Book & Bible in Caldwell, then ID at 1900. (RW-CA)

1090 KNCR CA, Fortuna 12/9 1936-1945 rr mx, local ad, and PSA. S/off at 1944. Good w/the station to the south nulled. (WJH-UT)

1190 KNBA CA, Vallejo mostly fair o/KEX from 1959 11/30 w/horse racing & just one ID before s/off. S/off itself ruined by sudden CKDA-1220 splatter which was unnullable. (NHP-BC)

1190 CFSL SA, Wayburn 12/10 w/classical type mx and an ID at 0650. (DG-OR)

1250 KYAC WA, Seattle 12/9 0309 SID into soul mx. Good, o/all. New here. (WJH-UT)

1250 KWSU WA, Pullman 11/12 1955 only National Radio Network station that I can remember hearing on ECB AM. Could move from KTMS to KWSU w/clear signals on loop. (MDM-CA) (There are only some 22 AM's on NPR net, Mort, compared w/more than 200 FM's.--NH)

1260 KROX MN, Crookston 12/10 w/late SM s/on ID at 0900, poor u/GFRN. (DG-OR)

1270 KWRL NV, Sparks 12/8 1844 fair in KYA-1260 slop mull, "K-whirl 12-70" slogan, o/ mess but soon faded out. (RW-CA)

1270 CHAT AB, Medicine Hat 12/9 1st time heard, w/ID at 0801. Good signal. (DG-OR)  
 1280 KFYV CA, Arroyo Grande 12/12 w/s/on ID 0858, on top of the frequency. (DG-OR)  
 1280 KVOV NV, Henderson-Las Vegas 12/8 1910 topping 1280, but soon faded u/KJOY, KFRN & KWMS. Some type of appearance of a guest at a Las Vegas hotel, call 648-2344 for tix, (??-NH). (RW-CA)  
 1280 KWMS UT, Salt Lake City s/off 12/11 0300 mentioned 24 hours/day so presume only off MM. (WJH-UT)  
 1320 KHSJ CA, Hemet 12/9 w/s/on ID after NA, on top of frequency. Excellent signal for a little 500-watter way down in southern California. (DG-OR)  
 1340 KYLT MT, Missoula 12/11 0444 "KILT Radio" slogan into a local ad. RR mx. Good. (WJH)  
 1340 KCAP MT, Helena 12/9 0240 rr mx into "K-cap Montana News." Topping the channel. (WJH)  
 1350 WSLR OH, Akron 0459 12/4 OM finishing Ae nx, then quick "WSLR" ID & into country mx. KRRC off until 0533 & LPRT TT notched w/QF-2 filter. Poor to fair signal, at least one other station there. (NHP-BC)  
 1400 KFTN UT, Provo 12/6 1915 good in KRE null, topping KVEG/KONG w/local ads, then what sounded like the "No-Name-Elf" contest. Soon faded out. New. (RW-CA)  
 1410 KWYO WY, Sheridan 12/10 poor w/ID u/CFUN at 0824. (DG-OR)  
 1460 (KDON) CA, Salinas 12/11 0305 noted totally off, 1460 a mess of KMWX, KENO & KYSN. (RW-CA)  
 1460 KYSN CO, Colorado Springs 12/11 0330 poor in KMWX null, KENO subdued. "Kissin'" ID heard before faded out momentarily. (RW-CA)  
 1470 KAZM AZ, Sedona 12/8 1915 topping 1470 mess w/s/off telling people to watch for icy roads, then prayer, song "Nighty-Night," then quick s/off, then gone w/XEBBC taking over. (RW-CA)  
 1480 \*KYOS\* CA, Merced 12/11 0326 noted TT'ing o/ KWIZ, fairly strong. (RW-CA)  
 1520 KYXI OR, Oregon City 12/11 0110-0137 "Science in the News" program from Wash. State University. Good signal, ID at 0137. (WJH) (Thought that program was only 15 min. long?--NH)

DX TESTS:

1190 ?KADE? CO, Boulder bits of TT floated around KEX from 0226 12/4 tune-in. Noted 7 & 10 sec. tone sweeps from low to high at 0228 & 0231, but no ID's. (NHP-BC)  
 1360 \*KRRR\* NM, Ruidoso 12/4 0401 TT started, followed shortly by call letter ID by OM. Lots more TT, poor to good, voice ID's & code ID's from 0414 on. Plenty of interference--KRUX & ??? (NHP-BC)

UNIDS:

740 This one noted several times u/KBRT & KRMG ET, 12/11 w/classical mx. Weak signal & couldn't tell if talk was EE or not. Possibilities? Heard GSQ but not s/off at 0406. (WJH-UT)  
 1270 CBS nx sounder 0500 12/11, local ad & rr mx 0507. Fair signal. Most likely WHBF or KBOM but dunno. (WJH-UT)  
 1350 A couple of stations TT'ing here 12/4 0415-0500. Thought I heard one ID for KGOR, but it was probably just KGOR rising out of the mud. Both were o/u KRRC which was quite weak this night. (DG-OR) (The other perhaps CJDC, the LPRT's or both.--NH)

Guess the Post Office liked last week's WDXR so much they kept it too long for it to arrive in San Francisco on time! Hope they don't like this one as much, hi. ♡

RICK HEALD-1581 20th AVENUE-SAN FRANCISCO, CA. 94122  
 Tele-Forum; (415) MONTROSE 5-4201 to 2200 PTT & ppd.  
 ++++++  
 Season's greetings from pagad-by-the-pay. Hope you and yours had a wonderful holiday, stockings filled w/frags, and other DX goodies. No new DX to report as I haven't been listening. A travel agency at Christmas w/half the staff out sick, takes up a lot of time. Hope to listen MM 12/25 after midnight pass, and the following MM, well....that is New Year's Eve, and everyone knows RH doesn't touch a drop....not since the funnel was invented, hi. but hope to have some material for RH & bp soon. An excellent article, Gene, guess I really only had a smattering of knowledge re KYW. Looking forward to your part II. Our local Westinghouse is KPLX-TV 5 (CBS). Darn good outfit. That's it for now, see u in 7. 73 de rth..

John Zondlo  
**eastern dx forum** 6617 Maryland  
 Hammond, IN 46323

John Rieger-529A S. 71st St.-Milwaukee, WI 53214  
 Hello! Well, this is my first report since rejoining the IRCA after a 6 year absence. I did notice quite a few names in recent issues that were IRCAers 6 years back. To those (and others), I'd like to tip the hat for keeping a great club and hobby alive. I've been DXing AM since 6/23/67 and have logged 978 stations. Hopefully, I can hit 1,000 stations logged by the end of '78. I also DX FM & TV bands, though not as much as AM. In Wisconsin DX news: WBCS 1340 and WIZM 1410 are carrying the Larry King Show from 2300-0530. One question: WGEZ Beloit for a while was WGEZ South Beloit IL, and is now back in Wis. Can I re-log it? Also, I receive a "professional magazine" with interesting articles on AM radio and FCC legislation. Who could I mail these to? (Special Features editor Bill Hardy-jz) Well, that's it. I do tapespond and collect jingles and sc's. 73's.

Gary Siegel-2728 106th-Toledo, OH 43611  
 (continued from last DXM, speaking of a visit to Frank Merrill's) Paul Mount, newcomer to the Buckeye State, was over that evening and the three of us found conditions to be extremely auroral. WCAR-1130 was being butchered by an unknown LA, anyone have ideas? Several other frequencies had SS until at least 10:30pm ELT, we thought we'd moved to Miami. Maybe I was really visiting Ron Schatz, hi! So far in 1978 I've heard 53 new stations and only need 12 more to avert last year's record low. Indications seem to point to my being able to do that. Latest new country came in the form of Monserrat on 930 in English. They signed on at 3:58am ELT on 11/6. At least 930 is one frequency which has cleared up some on MMs. Now if only more of the other 106 would things would be swell. Total heard is now 2,440: Monserrat by the way was country #41. With my FM and TV totals my 3 band total is nearing 3,000. So with 50 countries and 2,500 heard on the horizon some long range goals may soon be realized. I'm already excited for '79 and will resolve to DX even more. Let's hear it for the University of Toledo's 64-58 bkb win over Ohio State. See, Michigan isn't the only school that can beat them, hi! NCAA, were you watching? (Ya hafta win the MAC before they do, hi-jz) Oh well, enough horn tooting, hope everyone has a Merry Christmas and Happy New Year and had a Happy Thanksgiving! 73s. Hope to see many in Peoria and St. Louis in '79.

Mark Connelly-52 Amsden St.-Arlington, MA 02174  
 With the implementation of the new TA and TP assignments and the increasing availability of top-grade portable DX gear, the desire for DXpeditions has increased. I shall present a DXpedition Guide to Massachusetts with the hope that others will come forward with similar guides to their areas. We should first characterize what makes a good location: marsh or salt water in the direction of interest and a minimum of power lines, buildings, and strong local stations. Poor ground/hill blockage towards undesired reception areas is helpful. Non-BC stations may present problems through overload, spurs, etc.: the LORAN station on Nantucket and WCC in Chatham may upset reception in those areas. Specific TA-proven sites: Orleans/Eastham Atlantic shore, especially Tonset Point; Marshfield/Scituate at mouth of the North River; Gloucester/Rockport: many good sites such as the Halibut Point Reservation. Cape Cod's sandy-soil pitch-pine wooded coastal plain is ideal for Beverages terminated at water's edge. It should be noted that north of Eastham, up to Provincetown, QRM from the west, now over water, is stronger than it is in Orleans. LA-proven sites: West Dennis beach and marsh areas near Lower County Road (between Bass River and Swan River) is LA QTH #1 in my opinion. Any of the southward-facing beaches on Cape Cod, in general, will provide good LA DX. Inland sites worth mentioning for general-purpose DXing include the Sudbury River at the Route 27 crossing (Wayland/Sudbury) and the Charles River marsh at Route 109 (Medfield). Well, for now, Good DX and Merry Christmas. Many thanks to Ray and Arlene Arruda for hosting a great DX meeting. 73, Mark.

THURSDAY  
DEADLINES

# western! dx forum!

Rick Heald  
1581 - 20th Avenue  
San Francisco, CA 94122  
Ph: (415) Montrose 5-4201

NICK HALL-PATCH-3272 ALDER ST-VICTORIA, BC V8X 1P2  
Long time, no forumize... Sorry Rick, but I really feel I'm taking up enough room already in DXM w/the technical column, which incidentally is doing quite well, tnx to the kind souls who have been contributing. But we're always looking for more ideas from those quiet ones out there. You don't have to be an engineer (I'm not), and a simple reviews of rx's & DXing accessories are always welcome. Well, now that the plug is over, the other reason I haven't forumized is that I've been too busy DXing... you mean you haven't heard of the 9 kHz waveplan? Well, I'm all for it, as long as N. Americans stay on 10 kHz spacing. I stayed up most of the night of 28/23 Nov, and was really gratified at the way Aussies, Zedders, & the Pacific Islands rolled in, free of co-channel interference. You haven't lived until you hear 2 stations fighting it out on 1026, and you haven't been disappointed until you still haven't formally IDed either of them. (follow that?) Late Nov. is not traditionally a great time for DXs, (nearly mid-summer there), so spring of '79 should be delightful, as spring usually is good for DXs. Best of DX in 1979 for everybody. Did Santa leave a DX-300 for anybody? Send a review to the technical column, hi. 73.

PHIL YLIVISAKER-912 PECKS CANYON RD-YAKIMA, WA. 98908  
Holiday greetings from the land of apples! I've decided to get involved in the club and make some contributions to the DX Monitor. Lately, DX has been fair to poor w/my usual local stns creating splatter across the whole band. On 12/12, I decided to get up early and try some SRS. I was rewarded for my efforts by hearing KFYR 550 Blamark, ND a new muoh wanted state. I built the loop antenna from the club plans, exactly as specified, except I didn't use 150' of wire and used a 465pf capacitor instead of 365. Alas, after hours of hard work, I received no results. I will be taking suggestions from anyone who could help me. Well, that's all for now. Merry Christmas to all, and to all good DX!

BILL HARMS-865 N. 160 W. #2-PROVO, UT. 84601  
I can tell winter is here w/KGL, KIRO & GBU audible here at 12 Noon local time. My totals are near 425 heard from Provo. I might pass up my Spokane totals soon. I heard a station called "mini-cast" on 650 kHz the other day. It was a low power XR used for driver's ed at a local high school's driving range. I wonder how many of these are in use? Got to go now. 73 de WJH

GARY PARTON-2 CLARK DRIVE #307-SAN MATEO, CA 94401  
I want to take this opportunity to wish all IRCA members a Happy New Year and the best of DX in '1979! I'm writing this forum from my temp. address in Morocal, sometime in Jan I will be starting a new job in the L.A. area and look forward to that! I feel that IRCA is the finest DX club anywhere to be found and I will remain a member permanently as long as the club is around. I really reading everybody's column on what they have to say. This past year has had a lot of good columns and I think that Rick will agree w/me! (right on, bro-rth!). I'll try to report more often in '79. I enjoy Gary Larson's rpts on KROQ Burbank. That station has one of the strangest XR locations, on a mtn. above Glendale. Jim Korn's forums on KROQ were very interesting. Latest DX includes: KOAC 550 Corvallis, OR. They call themselves National Public Radio in Oregon. They are one of the few AMs who are members of National Public Radio from Washington, DC. Most are FM stations who are N.P.R. Others heard lately: KLUB 570 Salt Lake City and KVI Seattle 570. Both come in fair. Other more distant station I enjoy are KIRO 710 Seattle and KTWO 1030 Casper, WY. That's about it from N. Cal. Once again, Happy New Year. 73.

MIKE HARDESTER-GFAO MEDICAL-FPO SEATTLE, WA. 98770  
Greetings! I note w/a bit of disdain the fact both IRCA and NRC will be holding their 1979 conventions on the same coast. I thought it had been decided a few years ago to alternate convention sites between the WC and EC w/one club taking the WC and the other the EC so as to provide an opportunity for DXers in one area of NA to attend at least one of the conventions. (IRCA has always been W. & E. of the Mississippi, this case, it's E., but w/NRC it's been traditional for E & W, but no bids came from the west-rth). Also, the ANARC convention will again be in the past. Unfortunate for many WC DXers. AM definitely looking forward to my upcoming transfer overseas,

to the USA from Okinawa. It's been fun at times here, but will be nice to hear stations I can (usually) understand. Even w/ the 9 kHz plan in effect ever here, no USA/canada station (HW) noted. I hope all have a Happy Holiday Season and Happy New Year of DX!

STEVE TORDOFF-407 STANISH ST-REDWOOD CITY, CA. 94063  
greetings all! It's been quite some time since I've written to the WDXF. I was a member of IRCA back in 1972 and really, my DXing has been practically non-existent since then. I guess I should re-intro myself; I'm 25, married, have a 5 month old son (a budding DXer if I ever saw one!), and I'm working at Raychem Corp. in Menlo Park as the leadman in the molding shop. My totals are a humble 309/121, 31/30, 5/5, and 6/6. I have only recently returned to DXing (Aug 78), hearing 26 new stations since then. I haven't sent out many reports - only 2 veries in; KTRH 740 and JOIB 750 (or is that now 747 kHz?). My equipment is entirely homebrew, my rx was built by my father several years ago; my antennas consist of a 3' box loop, a 5' box loop (both w/tunable capacitors), and an SM-2 from Worcester. I also use a Q5er made from an old Motorola car radio w/my rx. Not DXing for a while, I'm kinda out of touch w/certain things. Is there anybody in the Bay Area that has an up to date list of NRP stations here in the area? (KSPQ, KFRG, KNHR, KGO, KNEW, KABL, KPAX, KLOK, KEEN, KRK, KEST, KXRX, KLIV for starters-rth). I would appreciate any info sent this way. Letters are always welcome. 73 for now and I hope the holidays go well for everyone. (Welcome back to WDXF Steve. pls keep in touch of-ten-rth).

RICHARD WRIGHT-5276 "L" STREET-SACRAMENTO, CA. 95819  
(cont from last DXM...) When I talked to Jack Stuart back in Sep he asked me to call back in late Nov w/a further report on both KXEG & XEG. I monitored both frequencies on MM Nov 27. When I called he was out of town, so I monitored them this morning, 12/4. Last week KXEG was booming in like a local, but this week it was considerably weaker and was subject to considerable UNIDED QRM. W/respect to XEG, last week XED Mexicali had the frequency to itself and was also like a local. This morning XED was fading badly and XEG was clearly audible during the fades--sufficiently so to merit a report and a verification which Jack has promised to send. Jack told me that KXEG uses a Blau/Keyserling antenna which produces a low angles of radiation, accounting for the strong signal its 250w XR pushes out of here. XEG is building a new antenna array 18mi/29km N. of Monterrey because it's spilling over into the telephone system at its present location. It will have a 2 element Blau/Keyserling, still beamed on Chicago. They are running 100kw using 2 continental 50kw XRS in //. On Sundays they shut down one of the XRS for maintenance on an alternate basis. Construction of the new array is now underway and if all goes well will be operational in about 6 months. Being in the land of maana, he says that he will have it, hopefully, by the end of 1979. 73.

GENE MARTIN-3303 E. EVANS AVENUE-DENVER, CO. 80210  
In response to Matt Shugart's inquiry; whatever happened to KYW Chicago? -- some historical notes on Westinghouse ownership. In 1925-27, Westinghouse owned KFKX 3kw (288 meters, 1040 kc) in Hastings, NE and KYW Chicago, 3.5kw (535 meters, 560kc). In late 1927, the first big freq. shake-up by the Federal radio commission, assigned both KFKX & KYW to 294m, 1020kc. By 1928, Westinghouse was phasing out KFKX, having discovered no good reason to retain it in NE. For a year or two afterward, radio logs listed KFKX & KYW as both being in Chicago but I can vouch for the fact that the call "KFKX Chicago" was never heard by anybody. Instead, KYW operated on the freq and was a first-class radio station of that era. But the FCC had assigned 1020 for use in the Mid-Atlantic states, not the Midwest, and by about 1932-3, Westinghouse packed up in Chicago and moved to Philadelphia. Naturally, they took the call letters along for the KYW call was and is one of the most venerable in broadcasting. (Under NARBA, 1941, 1020 stns shifted to 1060). In the early 30's, Westinghouse acquired WJKS Gary, IN. (560), moved it to Chicago, renamed it WIND, & it now occupies the same spot on the dial where KYW Chicago existed so long ago. Perhaps almost no one in the present Westinghouse organization would be able today to trace this link between the old KYW and the present WIND. (cont next WDXF)



WKVT RADIO BRATTLEBORO, INC.

1490 On Your Radio Dial  
P.O. Box 818 Brattleboro, Vermont 05301



**DX****Worldwide**BRUCE PORTZER,  
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Deadlines Thursday6546 19th Avenue Northeast - Seattle, WA 98115 - 206-522-2521  
After 12/27: Elliot Strauss, P.O. Box 168, Red Bank, NJ 07701ATLANTIC DX ROUNDUP

- 666 t PORTUGAL, Lisboa, most likely source of good carrier in sloop 0219 12/9 w/occasional snatches of audio, including talk by man. (Everitt, OK)
- 683 Re Belgrade-683 in 12/2 DXM. This has been hrd on EC even before pwr increase a few years back. I've never definitely IDed it but have many tentatives. Nevertheless, it's extremely unlikely that this could be Gene's unid; probably Spain. (Eckman, PA)
- 684 t SPAIN, Sevilla, RTVE, probably the source of good-sized carrier in very heavy sloop 0242 12/9, looping around 60°. (Everitt, OK)
- 738 t SPAIN, Barcelona, RTVE, very tentatively the carrier noted here w/no audio 0445 12/9. (Eckman, PA)
- 756 t PORTUGAL, Lisboa, noted as weak carrier most of monitoring period; w/occ mx & talk around 0025 12/10. Mx sounded like light cl or MoR. (Everitt, OK)
- 765 SENEGAL, Dakar, fair w/odd mx & presumed AA talk 0021 12/10. Again w/very good signal & AA talk by quiet-voiced man 0653 12/11. Monotonous inst mx 0659, 0700 anmts by woman smothered by sudden onslaught of WJR sloop, this followed by more drums & more AA by woman, then man. (Everitt, OK)
- 774 ? UNID, either Spain or Morocco most likely, looping roughly 60°, weak-fair carrier 0010 12/10. Seemed to be running TT 0017 w/improved signal. At least 2 stns noted here 0702 12/11 in fast SAH w/each other. Carriers also noted on 666/738/1206/1215/1593. (Everitt, OK)
- 816 ITALY, Roma, strong w/some weak audio, but potent carrier 0308 12/9. No definite ID, however. (Eckman, PA)
- 864 FRANCE, Paris, seemed to be the one here w/man in unid language 0446 12/9 w/fair signal. (Eckman, PA)
- 1206 t FRANCE, Bordeaux, believed the one here 2205 12/2, although I see Morocco is also listed. My first TA since the big freq switch. A het was also noted on 1557 around the same time. (Stanbury, ON)
- 1269 WEST GERMANY, Neumünster, DLF, perhaps the source of the carrier hetting 1270 domestics 0312 12/9. Some nondescript mx faded up briefly for a time. (Eckman)
- 1375 ST. PIERRE, noted w/good signals for the first time this season 2210 12/8. Was also the first night of 2 MHz European coast stn reception this season (specifically Netherlands-2830). (Stanbury, ON)
- 1377 FRANCE, Lille, presumed the one here w/good sig poor audio 0627 12/9. (Eckman, PA)
- 1403.7 GUINEA, Conakry, very good w/African mx, FF talk by woman, then male anc 0358 12/11; drums in background of talk until 0401 w/trumpet fanfare of some sort superimposed over at 0400:45. Very clear "Radiodiffusion Nacional" mention 0401:30. Seems to be fairly stable in freq although a slight "wobble" is noted at times w/BFO on. (Everitt, OK)
- 1422 WEST GERMANY, Saar, noted w/surprisingly good signal w/mx, woman in CG 0315-0600 12/9. (Eckman, PA)
- 1467 MONACO, Monte Carlo, good w/OC 0427 12/9. Into mx box 15 0440. Not as easy to hold as it was when on 1466. (Eckman, PA)
- 1521 ? UNID, very loud het ripping up WKBW at various times from 0304 12/9 to later in the evening. No audio discernable. Could it be the high-powered Czech? (Eckman, PA)
- 1539 W. GERMANY, Neumünster, DLF, surprisingly strong w/loud het on WFTR w/o mech filters switched in. With filters switched in quite strong w/OM in GG 0303 12/9. (Eckman, PA)
- 1548 ? UNID, carrier only 0629 12/9. Good guess might be some of the British stns here. (Eckman, PA)
- 1557 FRANCE, Nice, good carrier 0350 12/9. Xlnt when rechecked after 0600 w/FF pgm. Cayman on 1555 had cut carrier 0433 which made things less cluttered around this area. (Eckman, PA)
- 1566 SWITZERLAND, Sarnen, assumed to be the signal here w/recent pop mx (Billy Joel, etc) around 0623 11/26. Nice -1557 was only other TA audible at this time. (Eckman, PA)
- 1575 t UNIDS, definitely 2 signals here messing up the audio bacly around 0612 12/9. Perhaps runisia & someone else. Is new E. German on RS yet? (Eckman, PA)
- 1593 W. GERMANY, Langenberg, finally definitely IDed here w/very good signal evening of 12/9. Xlnt after 0256 12/9 though a bit more splatter evident than when it was on 1586. (Eckman, PA)

PAN AMERICAN DX ROUNDUP

- 680 MEXICO, León, Gto., XEIG, dominant 12/15 0804-1100, then fighting XEKC till 1200 when KNER OC came on. LA pop mx & lots of "L-G" & "La Grande" IDs. Wish KNER would go off more often. (Portzer, WA)
- 680 MEXICO, Oaxaca, Oax., XEKC, 90% sure this was the one w/s/on 1101 sounding like "...R. Preñación, 680 kHz, desde Oaxaca, Oaxaca" (location sounded something like "Wokka Wokka"). Battling XEIG for the next hour w/ranchera & mariachi mx, many ads, & slogans sounding like R. Preñación or Puentación or similar. Can anyone confirm slogan? This on 12/15. (Portzer, WA)
- 690 COLOMBIA, Bogotá, HJCB, was sitting here during XETRA SF 0947 12/16 wondering who the 2-3 stns w/KKUA were when a man in SS said "en Colombia... La Voz de Colombia". A frantic search through the WRTH revealed that there was indeed such a stn. Note that this was before listed 1000 s/on. (Portzer, WA)
- 700 ? UNID, SS stn here w/talk 12/14 0210 o/u WLW. (Harms)
- 730 MEXICO, México, XEX, booming in w/CKLG off 1105 12/18 w/SS MoR, jingle ID, then several ads, including one mentioning "Farrah Fawcett". (Portzer)
- 790 CUBA, ref 12/2 DKWW, correct ID is R. Cadena Habana, my typo. (Stanbury, ON)
- 830 MEXICO, Culiacán, Sin., XEVQ, s/off 12/14 0158-0159. Location & call letters hrd. Good o/WCCO. (Harms)
- 834 BELIZE, R. Belize, strongest signal to date 12/14, 0215-0218. Clear ID & talk (mx?) on my clock radio. (Harms, UT)
- 860 DOMINICAN REP., Santo Domingo, HIIR, noted back on AN sked 0745 12/10. However, because of the major political reversals suffered by Clarín last spring 24 hr may have only been resumed for holiday season. (Stanbury, ON)
- 870 ? UNID, SS stn w/beautiful mx 12/14 0205 u/WWL. (Harms)
- 880 GUATEMALA, Guatemala, TGJ, 12/15 0344-0352 finally IDed this one 0345 w/SS talk, rlg(?) mx; good sig but audio was garbled. O/KRVN/GMAF. No WCBS noted. Country #15. (Harms, UT)
- 890 COLOMBIA, Bogotá, HJCE, this one bothering WLS 12/14 0314-0320. SS mx, talk, ID, "LV de Bogota". (Harms, UT)
- 1015 EL SALVADOR, San Salvador, YSC, fair w/slow LA mx 0333 12/9, low voiced OM anc 0336 w/what sounded like brief mx update. 0403 very good w/SS rendition of "Never on a Sunday". (Everitt, OK)
- 1025.4 ? UNID, good signal w/low-mod LA mx w/heavy bass line, SS talk by OM. TIAC & a couple of Colombians possible. 0305 12/9. (Everitt, OK)
- 1124.6 COSTA RICA, San José, TTSRHB, xint w/SS mx 0057 12/8, song had lots of choral stuff like MoR arrangement; again w/very good signal, SS pop vocals 0244 12/9. Definitely one of the more consistent IAs. Costa Rican low-enders (usually very good) not hrd much recently due to AC mains trouble in lower part of band, looping exactly IA (@#%&!). (Everitt, OK)
- 1135 t GUATEMALA, Retalhuleu, TGVR, most likely the one w/fair sig, SS pops, & LA mx mixing w/TVI 0350 12/9. (Everitt, OK)
- 1155 EL SALVADOR, San Miguel, YSCF, very good w/SS EZL pops 0239 12/9. (Everitt, OK)
- 1165 ANTIGUA, St. Johns, GRL, very good in combined TVI & wide KVOO splatter, making audio difficult, but readable w/EE talk on apparently rlg subject 0105 12/8. (Everitt, OK)
- 1176 COSTA RICA, Limón, TIQ, good w/LA mx & SS talk by OM 0252 12/8. Carriers 1224/4/1345/1365 also. (Everitt, OK)
- 1205 t CAYMAN ISLANDS, Georgetown, suspected source of carrier looping Caribbean 0358 12/9. (Everitt, OK)
- 1550 COLOMBIA, Barranquilla, HJCB, of recent report: slogan should have been Radio 15-50, not R. 15-20. (Stanbury, ON) (I sorta wondered about that, but w/HJCC-1010 IDing as "Emisora 1020" I figured anything was possible, hi. bp)
- 1555 CAYMAN ISLANDS, Georgetown, R. Cayman, still very regular here. Good w/EE talk 0050 12/8. (Everitt)
- t +Surely the one w/rigs mx & hymns & EE talk thru fierce KZAM-1540 sloop 1130-1136 12/18. No ID hrd. Don't laugh folks, Cayman-1555 is my most wanted stn. & this is the first time I've even hrd a peep out of them, tnx to KZAM, which loops in the same direction. (Portzer, WA)

PACIFIC DX ROUNDUP

567 t JAPAN, Sapporo, JOIK, weak audio & much RVI-570 slop 1035 11/26. Only a carrier 11/25, 29, & 30. (Gradin, OR)

594 JAPAN, Tokyo, JOAK, male 1158 12/16, NHK pips 1200 & more talk. Good carrier but weak audio, very undermodulated compared to other NHK stns. (Portzter)

639 FIJI, Lautoka, R. Fiji, fair in KFI null 12/18 w/ YL talk 1025, then vocal versions of "We Wish You a Merry Xmas" & "Auld Lang Syne". Tuned back in 1052 & noted Polynesian & pop mx, including "Emotion" by Samantha Sanga, w/male ancr. Mention of "R. Fiji One & R. Fiji 2" 1059:50, then into what sounded like EE mx. (Portzter, WA)

657 NEW ZEALAND, Wellington, 2YC, w/accented talk 1331 11/29. (Gradin, OR)

657 JAPAN, Obihiro, JOOG, JJ talk seemingly //666 1306 12/16. (Portzter, WA)

666 JAPAN, Osaka, JOBK, JJ talk 1306 12/16 fair in bad KBOI splash. (Portzter, WA)

666 ? UNID, strong carrier looping NW/SE, no audio hrd, 1021 12/18. Possibly Russia, but no other Asians noted that AM. (Portzter, WA)

684 t AUSTRALIA, Kempsey, 2KP, accented EE nx 0906 12/16 w/KNBR off. Noted w/light mx & talk at various times for the next hour. Pips, if any, at 1000 were obliterated by KIRO-710 slop. EE talk followed. Too early for 8TC & 6BS, who are both low powered & far inland, so apparently this by process of elimination. (Portzter, WA)

684 JAPAN, Nagasaki, JOAG, weak ... - IS, little else noted, 1100 12/16. Noted that this is ex-660, not ex-720 as printed in the TP list in FL-7 (which was typed by, er, yours truly....). (Portzter, WA)

690 HAWAII, Honolulu, KKUA, dominant w/rock mx 0904 till KGGF s/on 1100 12/16 w/XETRA/KNBR off. Very strong at times. (Portzter, WA)

693 JAPAN, Tokyo, JOAB, good sig 0815, OM in JJ, & putting a good het on 690 12/h. (Gradin, OR)  
+EE lessons 0940 12/16, man & woman in JJ & EE discussing Christmas Parties, etc. 0952, nx in EE 1000 o/unid stn w/chorus, more EE lessons 1023; early 60's rock hit "Be My Baby" by the Ronettes (1) hrd 1033, then man & woman discussing the entertainment industry. At 1035 began talk by YL in EE w/very British accent. Noted //747, 774, 828, etc, so hope nobody thought they had an Aussie, hi. (Portzter)

702 AUSTRALIA, Sydney, 2BL, 6 pips 1300 & into mx. Good on 11/25 & 26. (Gradin, OR)

702 JAPAN, Kitami/Hiroshima, JOKD/JOFB, talk //693 1045 12/16. (Portzter, WA)

738 AUSTRALIA, Grafton, 2NR, fair-good w/wx 1113 12/18. (Portzter, WA)

738 ? UNID, either Japan or S. Korea w/very good signal 1131 11/25. (Gradin, OR)

747 t AUSTRALIA, Toowoomba, HQS, poor 1137 11/25. (Gradin)  
+Good w/drama, male & female dialogue, 1120 12/18 //4920 SW. (Portzter, WA)

747 JAPAN, Sapporo, good audio 1117 12/16. (Taylor, CA)  
-Assumed the one making a loud het on YNK/WSB. Bits of audio noted 12/14 0830. (Harms, UT)  
+Good sig most nights. Noted w/JJ & EE 1105 11/25. (Gradin, OR)

756 NEW ZEALAND, Auckland, 1YA, inst mx good thru slop 1116 12/16. (Portzter, WA)  
+Jazz mx, fair, 1326 11/29. (Gradin, OR)

774 AUSTRALIA, Melbourne, 3LO, fair w/US top 40 song 1015 11/26. (Gradin, OR)

774 JAPAN, Akita, JOUB, blasting in 1142 11/25 w/EE & JJ. (Gradin, OR)

792 t AUSTRALIA, Brisbane, HQG, good signal but deep fades 1326 11/29. (Gradin, OR)

819 ? UNID, hetting WBAP w/little or no audio 1147 11/25. (Gradin, OR) (Probably NYC. bp)

828 JAPAN, Osaka, JOBB, bombing in w/xlnt signal 1406 11/29. (Gradin, OR)

828 t AUSTRALIA, Sale, 3GI, poor audio 1022 11/26. (Gradin, OR)

835 t CHINA, Nanchang, probably the one here w/weird sounding language & song hetting 837. (Gradin, OR)

837 AUSTRALIA, Rockhampton, HRK, s/off 1402 12/3. (Gradin, OR)

837 JAPAN, Niigata, JOOK, assumed w/male & female in JJ 1134 12/16. (Portzter, WA)

846 ? UNID, some audio, but too much KOA slop 1158 11/25. (Gradin, OR)

864 S. KOREA, Gangneung, HMKR, poor w/bits of audio to 1300 12/16, then ... - pips & YL in KK. (Portzter)

864 t NEW ZEALAND, Invercargill, hZA, poor signal 11/25 & 30. (Gradin, OR) (What time? bp)

873 JAPAN, Kumamoto, JOGB, NHK pips on hour; good-poor 1200 11/25. (Gradin, OR)

882 NEW ZEALAND, Auckland, 1YC, fair-poor, anmt by OM & organ mx 1025 11/26. (Gradin, OR)

891 t JAPAN, Sendai, JOHK, hetting 890 w/good signal 1607 11/25. (Gradin, OR)  
+JJ talk poor in het, //837, 1249 12/16. (Portzter)

954 t JAPAN, Tokyo, JOKR, poor 1615 11/25. (Gradin, OR)

1008 t JAPAN, Osaka, JONR, JJ talk, poor 1357 12/3. (Gradin)

1008 t NEW ZEALAND, Tauranga, 1ZD, OM & into light mx 1107 12/4. (Gradin, OR)

1017 JAPAN, Fukuoka, JOLE, tremendous signal at times but subject to deep fades, EE lessons //774 1137 12/16. (Portzter, WA)  
+Good w/JJ 1355 12/3. Also good 0910 11/26. (Gradin)

1026 ? UNIDS, never a strong signal here but more than one stn noted. (Gradin, OR) (You have that problem too eh? bp)

1035 UNID, weak audio 1221 11/25. 2ZB? (Gradin, OR)

1040 HAWAII, Honolulu, KPOI, 1210 1250 rock or Top-40 mx. YL ancr, numerous mentions of "K-poi" between songs. Nx or sports (I couldn't tell which due to fading), mentions of Oahu & Univ. of Hawaii. 1313 WHO switched on carrier, KPOI mx faded up at times to be easily hrd thru WHO. CC. Listened til 1343 at which time I list signal, about 40 minutes after first daylight. (LaFreniere, MN) (Good catch. Yours is the most easterly reception of them that I know of. bp)

1044 CHINA, Shanghai, poor w/YL talk in Oriental lang 1134 12/16 w/QRM from local raspy-sounding spurious emission. (Portzter, WA)  
+Carrier only 1135 12/18. (Taylor, CA)

1053 CHINA, unkn loc, emphatic male & female talk in CC 1142 12/16 w/fair signal. (Portzter, WA)

1053 JAPAN, Aichi, JOAR, fair-poor w/JJ 1230 11/25 & 30. (Gradin, OR)

1053 Spurious emission from XEPRS IDed here 1035 12/18. Checked other side of 1090 (1127. bp) but nothing hrd. (Taylor, CA)

1134 t JAPAN, Tokyo, JOQR, fair w/JJ mx & YL talk 1327 12/3. (Gradin, OR)

1143 t JAPAN, Kyoto, JOBR, OM & mx 1330 fair-poor 12/3. (Gradin, OR)

1143 ? UNID, man & woman in Oriental language 1217-1225 12/16 w/local KAYO-1150 precariously nulled. Unfortunately, I breathed too hard on the loop & lost'em, hi. Too early for VOA, per WRTM, so likely Japan. (Portzter, WA)

1179 t JAPAN, Osaka, JOOR, JJ talk & mx, hetting 1180, poor sig. (Gradin, OR)  
+Assumed w/JJ male & female talk 1145 12/16, then folksong w/guitar (or similar) accompaniment. More talk 1147. Good. (Portzter, WA)

1206 t CHINA, Yanji, KK talk fair 1225 12/16, possibly ex-1210 which is listed as having KK 1000-1055, but not at this time. Couldn't find any of the listed SW //s. By 1322 the only thing here was an 800 Hz het. Wonder who's off freq? (Portzter)

1287 t JAPAN, Hokkaido, JOHR, hetting 1290 w/poor audio & deep fades 1235 12/3 & 1000 12/4. (Gradin, OR)

1314 t JAPAN, Osaka, JOUF, JJ talk & light mx, poor 1320 12/3. (Gradin, OR)

1386 ? UNIDS, poor signal here, not much audio, prob the NHK2 outlets 1015 12/h. (Gradin, OR)

1440 JAPAN, Sapporo, JOWF, a regular here, usually topping the domestics on SM & MMs 0800-1200. (Gradin, OR)  
+Dominant w/man & woman in JJ 1320 12/16. (Portzter)

1512 UNID, weak audio, poor sig 1307 12/3. Ideas? (Gradin, OR) (China's been reported here. 2MA also possible. bp)

1566 SOUTH KOREA, Cheju, HIDA, very good w/OM talk & then song "Jupiter, Theme from The Planets" (I knew this because we played this in our high school band, hi), & ID 1300 o/unid TP. (Gradin, OR)  
+Incredibly strong signal being wiped out by even stronger slop from CHUB-1570 and/or KZOK-1590 1153 12/16 w/male talk. (Portzter, WA)

1593 ? UNID, probably Japan 1312 w/poor signal & JJ talk. (Gradin, OR)

Plus a few carriers/hets noted by yours truly: all 12/16 between 1100 & 1300, 612 648 655 738 1035 1107 1188 1197 1278 1314 1332 1323 1368 1377 1386 1422 1449 1602, most or all of them looping to the Far East arena during an opening that was highly localized to Japan.

REPORT FROM BERMUDA - Charlie Taylor

I've been rather inactive over the 11/23 changeover. A check-in time of around 0200Q (Q equals AST) for Skylab support at NASA being one reason. We're beginning to "gear up" for projected Shuttle support. Because of an unexpected expansion of the upper atmosphere, due to sunspots,



Skylab is slowing down & may begin uncontrolled re-entry as early as next summer. Shuttle, among other things, is intended to push Skylab into a higher trajectory. ATTENTION: My Heath IM-4110 freq counter & my Palomar MW Loop antenna are up for sale or trade. The IM-4110 includes the tech manual & goes for \$150 or best offer. The Palomar loop goes for \$100. I'm pressed for space & a smaller counter is in the pipeline (I hope). The Palomar loop is inferior to my SM-2 in every respect except appearance. I'm currently looking for a secondary freq standard module. Desirable characteristics are a stability of around 0.01 ppm per week, output an even multiple of 1 MHz, operability from 12 or 28 VDC, & small size. I intend to build a portable battery powered standard that can be taken to NASA for calibration against the stns rubidium standard. Anyone who knows of such a standard at a reasonable price (around \$100) please write at the above address.

Daytime Groundwave Spectrum from Bermuda, continued:

940 WINZ Miami	1340 ZBM2 Hamilton, Bermuda
960 ZFBI Hamilton, Bermuda	1380 WBWX NYC
990 WZZD Philadelphia	1400 WOND Pleasantville, NJ
WLKW Providence	1420 WBSM New Bedford, MA
1000 VRT St. Georges, Bermuda	1450 ZBML & 2 beat
(1 MHz synthesizer radiation)	1500 WTOP Washington
1010 WINS NYC	1510 WNLC New London, CT
1020 KDKA Pittsburgh	1520 WTGR Myrtle Beach SC
1030 WBEZ Boston	1530 WQBR Wanchese, NC
1035 WVEC Cap Haitien, Haiti	1540 ZNSI Nassau
1050 WHN NYC	1550 WVAB Virginia Beach, VA
1060 KYW Philadelphia	1560 WQXR NYC
1070 WNCT Greenville, NC	1600 WRRL NYC
1080 WFTC Hartford	
1090 WBAL Baltimore	
1110 WHLI Hempstead, NY	Other, unlisted, channels generally have Unids on them.
WZAK Norfolk	All but locals and a few eastcoasters are inaudible on the Palomar & SM-2. Reception of above is from 1000' phone line. 73 de Charlie.
1120 ZBML & 2 beat	
1130 WNEW NYC	
1140 WRVA Richmond	
1165 CRL Antigua	
1170 WHIW Lakewood, NJ	
1190 WLIT NYC	
1210 WCAU Philadelphia	
1230 ZBML Hamilton, Bermuda	
1265 St. Kitts	
1290 WGLI Babylon, NY	

REPORT FROM HAWAII - Gene Martin

(The following is combined from two postcard and one letter reports of stations heard by Gene while on vacation. bp)

From the West Coast of Maui, 100 miles SE of Honolulu, Asiatics & their hets against WCNA stns are conspicuous by 0900-1000 nightly. By 1100 & 1200, Asiatics dominate the band; JJ, CC, Filipino, etc & many I can't ID make it difficult to locate the WC powerhouses hrd a few hrs before.

Even Honolulu stns have Asiatic hets crowding in each side of their freqs. No IAs hrd & only a few DU signals. Tahiti-738 quite strong. NA hrd & taped: KNER, KBOE, KFI, KIRO, KGO, KOA, CJVI, KOMO, CBR, KTNQ, KNX, KFAX, KRLA, KPNW, KSL, KEX, & CJOC. Many unids noted 1510-1600 are which is empty in Hawaii after the early s/off of 1540 here. Signals above 1540 are quite strong and a mishmash of conflicting audios.

On 1458 or 1467 (more likely 1458) I heard an extremely powerful station 1154-1320 MM 12/11, soprano w/"Little Town of Bethlehem" before the hour w/JJ lady ancr. Language w/ man ancr sounded more like Polynesian, maybe Filipino after the hour. "Church" flavor in mx portions & may be some missionary stn. Nothing looks likely in the new TP freq lists. Has blockbuster signal & is far stronger than any NA stn hrd here, even stronger than the JO's on 774, 756, 774, etc. (How about DWRF-1458 in the Philippines, listed as having 250 kw? bp)

The combination of the TRF feeding into the Sony AM-FM-Cassette recorder from the best location in our condominium on the west coast of Maui produced more than 5 hrs of DX from Hawaii 12/6-13. It will take me days & days to check out everything I have on tape & there are some mysteries there that will probably escape any solution. I brought back IDs & bits of pgm from every stn in the islands, located 3 Alaskans, 780, 750, & 670. No Australian was hrd the first 5 nights on Maui, but they were showing up on the 6th & 7th nights on 774 & 702 & perhaps other places to be revealed w/ further tape monitoring. So far as I can tell right now, not one New Zealander was heard. The farthest east in N. America was KFAB, second farthest KOA. The strongest, most consistent US stn was KPNW-1120 & it seemed my location strongly favored reception from the Pacific Northwest, was less favorable for San Francisco area, and poorer yet for southern California. Not one Mexican was hrd & I failed to get a peep out of WOAI, which surprised me no end for 1200 was quite clear for hours each night. Japan, China, the

Philippines, & similar TP areas seemed to dominate reception from the west, & I can say for certain that VOA-1143 in the Philippines & VOA-1575 in Thailand were listened for repeatedly but were never heard. As I analyze the tapes, I will report further.

Well, there you have it...your choice of two island paradises, Hawaii and Bermuda. Which sounds more enticing, daytime DX from Bermuda or nighttime DX from Hawaii? Take your pick....bp

CONDITIONS

"AM of 12/6, TP cx fair-good, 12/7 great cx to China, 12/8 weak TP carriers though KFAR strong til sunrise. On each day signals at best around 1530-45." (Hall-Patch, BC)  
 "Cx remain pretty poor in general. The last few days have been pretty quiet (geomagnetically)..." (Eckman, PA)  
 "12/5-8 medium skip w/oppressively loud signals from Great Lakes area. Short distance low-latitude low-band TAs were in at respectable levels, but were pestered by above-average domestic QRM." (Connelly, MA)  
 "There was an incredible opening to Japan Saturday 12/16 w/audio from even a couple of 5 kwers. Oddly enough, the A-index was 23, a drop from a high of about 40 a few days earlier. 12/17 was poor overall w/only a couple DU carriers hrd. 12/18 was good for low-band DUs. During the past month I've noticed that both DUs and Asians peak during the 1030-1230 period and then deteriorate quickly. From 1300 to local sunrise, I've only hrd a few of the stronger stns, even when the band was alive with audio, hets, and carriers a few hours before. Somehow, I think TP DXing will be immensely more interesting now that the DX is on split frequencies." (Portzer, WA)

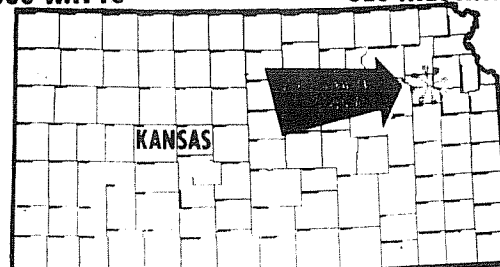
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 Dan Gradin, 27540 SE Chase, Gresham, OR 97030  
 HQ-180, 2 1000' & 1 1700' Beverages  
 Bill Harms, 865 N 160 W #2, Provo, UT 84601  
 Sony Digimatic Clock Radio w/wedge  
 Paul LaFreniere, P.O. Box 606, Grand Marais, MN 55604  
 Dymek DR-22 receiver & DA-100 antenna  
 Gene Martin, 3303 East Evans Avenue, Denver, CO 80210  
 Bruce Portzer, listening to YNX-750 while typing DXWW (Boy are they loud!)  
 HQ-180A, 4' box loop, SB-620, FRG-7, SM-2, 35' IWS  
 C.M. Stanbury II, Box 218, Crystal Beach, ON L0S 1B0  
 HQ-200, 90' longwire  
 Charlie Taylor, NASA Box 7015, FPO New York, NY 09560  
 SPR-4, 1000' phoneline antenna  
 Pete Taylor, 2614 Jackson St., San Francisco, CA 94115

I must say I had an exciting weekend 12/16-17. At least as far as DXing is concerned. Hrd 16 new stns 12/16 tnx to KNER/XETRA SPs & a good TP opening---my one new domestic of the morning was WCAW-680 for state #45. Not only that but I now have reason to believe that Cayman-1555 is possible to hear in Seattle. It looks like this will be my second to last column. Or did I mean, is my second to last column (seeing as I just finished typing it....). Somehow I think I'm suffering the collective effects of the pre-Christmas scurries, too much DXing, and a few hours of typing, hi. Next week I'll wrap things up, which is an appropriate thing to do around Christmas time..... 73. bp.

**WIBW-580 kc**  
**5000 WATTS**

**WIBW-TV-1'**  
**316 KILOWATTS**



This confirms your DX report Date: 12/30/78 73'S

ALLOCATIONS  
by Bill Hardy

## PART 2 - CLASSES OF STATIONS

In Part 1 of this series (10/28/78 DXM, p. 67), we explained how each of the 107 broadcast band (BCB) channels from 540 to 1600 kHz is defined as "clear," "regional," or "local."

The stations themselves operating on these channels have also been assigned classifications.

Class I stations. The FCC definition: "A Class I station is a dominant station operating on a clear channel and designed to render primary and secondary service over an extended area and at relatively long distances."

Class I stations may be broken down further into two sub-classes, as follows:

Class I-A. These stations are mostly "unduplicated" at night (with no other nighttime operation on the same channel, or a limit of one or two nighttime operations; plus, they receive nighttime protection from foreign countries). Until 1961, each Class I-A station could be heard from coast to coast at night. U.S. Class I-A stations use 50kw power. (Mexican Class I-A stations use up to 250kw; one Canadian Class I-A station, CBJ-1580, is using 10kw, but the others are 50kw; the Bahamas Class I-A station is 20kw if my info is correct.)

Class I-B. These stations are on "duplicated" clear channels, with two or three Class I-B stations serving large groundwave and skywave areas at night, plus in most cases a number of other fulltime stations (not Class I) located so that they won't cause interference to any of the Class I-B stations at night. Class I-B stations in the U.S. use 10kw to 50kw power day and night; most are 50kw fulltime (although KPMG-1560 is 10kw), and most have nighttime directional patterns that protect the other Class I-B stations on the same channel.

"Primary service" means groundwave; "secondary service" means skywave, which is more commonly known as "skip" to hobbyists such as hams, CBers, and us DXers. It is worth noting that while all AM stations are protected from interference within their primary (groundwave) coverage areas, only the Class I stations are also protected from nighttime interference within their secondary (skywave) coverage areas.

Class II stations. Quite simply, any station operating on a "clear channel" that is not a Class I station, is a Class II station. Power levels (day and/or night) of Class II stations (except Class II-A) range from 250 watts to 50kw. Thus, not every 50kw station is Class I. Some stations using 50kw at night might get out well, but unless they are Class I, their skywave coverage area is not protected from nighttime interference!

One special category of Class II stations is known as "Class II-A," and was established by the FCC in a 1961 rulemaking proceeding. Class II-A stations are assigned to specific clear channels in specific states, and must have a minimum nighttime power of 10kw (up to 50kw). The Class II-A stations are designed to fill in groundwave coverage holes at night, mostly in the Western and Mountain states. All are on channels formerly occupied by only one station (Class I-A) at night. The station on 890 kHz in Utah may be operational soon. All other Class II-A stations are now operational, and they are as follows:

KBOI-670	KRVN-880	KPNW-1120
KDWN-720	KBCQ-1020	KOFI-1180
KOB--770*	KTWO-1030	KGYN-1210
KCRL-780	KREX-1100	

\* KOB is contesting the II-A assignment and has requested to be Class I-A.

All of the Class II-A stations must protect the Class I-A station on their channel at night, to the closest point on the nighttime skywave coverage area of the Class I-A station. (This is a non-technical article so I won't elaborate further.)

Any station on a clear channel that is not Class I-A, Class I-B, or Class II-A, is simply Class II. Some Class II stations are fulltimers, protecting the other stations (especially the Class I's) on their channels at night. Other Class II stations are daytime-only. And there are a handful (fewer than 20) of "limited time" stations, which will be explained later.

Class III stations. Most of the stations on regional channels are Class III. Some are fulltime; some are daytime only. Class III stations, for some reason, have a minimum power level of 500 watts (rather than the 250-watt level permitted on clear and local channels). So, any station using 250 or 100 watts, day or night, on a regional channel is not Class III (more on that when we explain Class IV stations in a moment).

Class III power levels range from 500 watts to 5kw. Among the fulltime Class III stations, there are two sub-classes:

Class III-A. Permissible power is 1kw to 5kw. (Any station using 2.5kw or 5kw nighttime on a regional channel is automatically Class III-A.)

Class III-B. Permissible power is 500 watts to 5kw days, and 500 watts or 1kw nights. Thus, any station on a regional channel using 500 watts (day or night) is automatically Class III-B.

There is also a slight difference in permissible interference levels to the nighttime groundwave areas. Put simply, Class III-A stations get out a few more miles on nighttime groundwave than do Class III-B stations. It's often hard to tell whether a station using 1kw nights on a regional channel is Class III-A or Class III-B (unless it uses 500 watts days, which would make it III-B). My experience leans towards presuming III-A status for Class III stations using 1kw-ND at night (plus those using 2.5kw or 5kw at night), and presuming III-B status for Class III stations using 1kw-DA at night (plus those using 500 watts at night). I believe that Broadcasting Yearbook lists the difference between III-A and III-B, for those interested. It really doesn't make a heck of a lot of difference in your DXing anyway (as compared, say, with the difference between I-A, I-B, or II), so if you don't understand this paragraph, don't worry about it! Since daytimers on regional channels don't operate at night, they are called simply Class III.

Class IV stations. All stations operating on local ("graveyard") channels are Class IV stations. Many years ago, the FCC also assigned Class IV stations to regional channels. That practice is long gone, and most of the old regional Class IV stations either moved to local channels or else upgraded their facilities to Class III. However, a small number of Class IV stations remain on some regional channels. They are easily spotted by their low nighttime power (250 watts or even 100 watts at night, compared with the Class III minimum of 500 watts at night), plus their nondirectional mode at night (usually "U1" in the NRC Log).

Also many years ago, the nighttime power limit for Class IV stations was 100 watts. The limit was eventually raised to 250 watts, which is now the minimum Class IV power. Today's Class IV stations use 250 watts, 500 watts, or 1kw during the day, and 250 watts at night. However, the FCC rules say, "Stations which are licensed to operate with 100 watts day or night may continue to do so." (Most of the old 100-watters managed to upgrade to 250 watts, with many using 1kw daytime now; but there are still some stragglers using 100 watts night and even 100 watts day, including some of the aforementioned Class IV stations on regional channels.)

Note that in part of southeastern Florida, the limit for Class IV stations remains 250 watts day as well as night. (This is obviously to protect one of the Caribbean countries under a treaty.)

Although there is no rule specifically forbidding directional operation at night on the local channels, you just don't find nighttime directional operations among Class IV stations, because it isn't very practical. So just about all these "graveyard" stations shoot out 250 watts nondirectional at night. A few do use directional antennas daytime to allow 1kw daytime power; they revert to 250 watts nondirectional at night ("U5" in the NRC Log).

There you have the U.S. assignments for the various classes of stations. Maybe the following table will help you put it into perspective:

Clear channels:	Class I-A, I-B, II-A, II
Regional channels:	Class III (some Class IV)
Local channels:	Class IV

Next time: We'll explain how some clear channels are reserved for Class I-A use in just one country, and which countries get which channels. --BH.

IRCA SPORTS NETWORKS

1978-79 NBA BASKETBALL RADIO COVERAGE

Compiled by Bill Hardy (thanks to Steve Apel, Mike Endza, Pete Nolan, Eddie Ryan, NBA headquarters, plus numerous NBA teams and flagship stations).

NBA sponsor list available; Anyone wishing a free copy of the one-page listing of NBA play-by-play sponsors, please send an SASE to Bill Hardy. This will save space in DXM.

Symbols used in this list: (pbp) = play-by-play + AM+FM simulcast combination for NBA basketball \* Daytime-only station # Specified-hours station (may be on late for game) Flagship stations are underlined. Other symbols are explained as they occur.

ATLANTA HAWKS WSB-750 (network unknown)  
Skip Caray, Pete Van Wieren

BOSTON CELTICS WBZ-1030 (no network)  
Johnny Most, Bob Label

(Buffalo moved to San Diego in 1978; see below)

CHICAGO BULLS WIND-560 (no network)  
Jim Durham (pbp)

CLEVELAND CAVALIERS WWWE-1100 (network list not yet completed)

Joe Tait

DENVER NUGGETS KOA-850 (no network)  
Al Albert (regular pbp), Bob Martin (color; except, Bob Martin does pbp when Denver game is televised and Al Albert moves to TV)

DETROIT PISTONS WJR-760 (except WDEE-1500 will carry at least 9 games because of conflicts on WJR: 10/27, 11/8, 12/2, 12/9, 12/27, 1/13, 1/17, 2/14, and 2/18; plus, some 14 games will not be broadcast on any Detroit radio station because they will be carried on Detroit TV)  
Tom Hemingway (no network)

GOLDEN STATE WARRIORS KNBR-680 (plus a network; KMJ-580 is on network; rest of lineup unknown)  
Bill King

HOUSTON ROCKETS KTRH-740 (network unknown)  
Gene Peterson

INDIANA PACERS WIBC-1070 (network unknown)  
Bob Lamey

KANSAS CITY KINGS KCKN-1340 (network unknown)  
Neil Funk

LOS ANGELES LAKERS KLAG-570 (network unknown)  
Chick Hearn (pbp), Pat Riley (color)

MILWAUKEE BUCKS Eddie Doucette (pbp), Jon McGlocklin (color at home), Jim Irwin (pbp if game televised)  
580 WKTY-WI 1290 WGOV-WI\*\* 1450 KFIZ-WI  
620 WTMJ-WI 1340 WAGN-MI WDLB-WI  
980 WPRE-WI\*\* 1350 WPDH-WI\*\* WRCO-WI+  
1230 WCLO-WI 1380 WBEL-WI 1490 WIGM-WI  
WXCO-WI 1400 WBIZ-WI 1550 WMAD-WI\*\*  
1240 WOMT-WI WRDB-WI 1590 WSWW-WI+  
1260 WEKZ-WI\*\* (plus 5 FM's)

NEW JERSEY NETS WVNJ-620 (network list not yet completed)

John Sterling, Mike DiTomasso  
(station might not carry all road games)

NEW ORLEANS JAZZ Rod Hundley (pbp), Dom Valentino  
710 WKRG-AL 1420 KPEL-LA 1490 WIKG-LA  
1280 WGSO-LA 1430 KMRC-LA\* WLOX-MS  
1400 KAOK-LA (plus 2 FM's)  
KWLA-LA

NEW YORK KNICKERBOCKERS WNEW-1130 (no network)  
Marv Albert, Richie Guerin

PHILADELPHIA 76ERS Bill Campbell, Matt Guokas, Jr.  
850 WEEU-PA 1260 WBUD-NJ 1440 WMVB-NJ\*  
950 WPEN-PA 1270 WLBR-PA 1450 WILM-DE  
1230 WCMC-NJ (plus one FM)

PHOENIX SUNS Al McCoy (pbp), Dick Van Arsdale (color)  
(TV games will be radio-TV simulcast)  
600 KCLS-AZ 1340 KIKO-AZ 1400 KTUC-AZ  
620 KTAR-AZ KPBR-AZ 1450 KNOT-AZ  
1230 KAAA-AZ (no FM's)

PORTLAND TRAIL BLAZERS Bill Schonely  
580 KCMX-OR 1240 KTIK-OR 1400 KEDO-WA  
930 KAGI-OR KQEN-OR 1440 KODL-OR  
1110 KBND-OR 1260 KMCM-OR 1450 KEED-OR  
1150 KAGO-OR 1330 KUPL-OR+ 1470 KDUN-OR\*

1230 KVAS-OR 1340 KIHHR-OR+ 1490 KBKR-OR  
KRNS-OR# KBBR-OR 1590 KTIL-OR  
KTDO-OR 1390 KSLM-OR (plus 5 FM's)

SAN ANTONIO SPURS WOAI-1200 (no network)  
Terry Stenbridge, Greg Haber

SAN DIEGO CLIPPERS KSDO-1130 (network unknown)

SEATTLE SUPERSONICS Bob Blackburn  
560 KPQ--WA 1240 KXLE-WA+ 1450 KBKW-WA  
710 KIRO-WA 1280 KIT--WA 1490 KTEL-WA  
920 KXLY-WA (no other FM's)

WASHINGTON BULLETS WTOP-1500 (network unknown)  
Mel Proctor  
(some games live; some games tape-delayed)

Footnote: References to "TV games" and "TV simulcasts" above pertain to local TV coverage, rather than the CBS-TV broadcasts.

Incidentally, the Mutual Network will once again carry many of the post-season NBA playoff games (except where Mutual is blacked out in the regional network areas of the two teams involved), in April and May (and probably June) 1979.

Additions, changes, or corrections to the above should go to Bill Hardy, 2301 Pacific Ave., Aberdeen, WA, 98520. Thanks.

1978-79 NHL HOCKEY RADIO COVERAGE

Compiled by Tim Cronin (plus some additional info via Mike Endza)  
(Supersedes 1977-78 NHL list, 1/28/78 DXM, p. 284)

ATLANTA FLAMES WLTA(FM-99.7) (no known network)  
Jiggs McDonald (pbp), Bernie Geoffrion (color)

BOSTON BRUINS Bob Wilson (pbp)  
610 WGIR-NH 1270 WSPR-MA 1400 WTSL-NH  
790 WEAN-RI 1280 WEIM-MA WLTN-NH  
930 WWNH-NH 1290 WKNE-NH 1450 WLKN-ME  
1230 WINF-CT 1310 WLOB-ME WRKD-ME+  
WQDY-ME 1340 WFAU-ME+ WTSA-VT  
WNEB-MA WHOU-ME 1460 WBET-MA#  
WMOU-NH WBRK-MA+ 1480 WSAR-MA  
WTSV-NH WTWN-VT 1490 WTVL-ME+  
WERI-RI+ 1370 WDEA-ME+ WHAV-MA++  
WJOY-VT 1380 WBBX-NH WMRC-MA  
1240 WFTN-NH WSYB-VT WFAD-VT  
WWON-RI 1390 WPLM-MA++ WIKE-VT  
1510 WITS-MA

(plus one FM; plus a "mystery" station: "WNVN, Waterbury, CT")

\* These three stations carry night games only.

BUFFALO SABRES WGR-550 (no known network)  
Rick Jennerett (pbp), Sam Anson (color); sometimes Rick Azar and TV announcer Ted Darling are also heard on radio.

CHICAGO BLACK HAWKS WCFL-1000 (no known network)  
Andy McWilliams (pbp), Bud Kelly (color for home games), Lou Angotti (color for away games which are simulcast on WSNS-UHF-TV-44)

(Note: Cleveland does not have an NHL franchise this season.)

COLORADO ROCKIES KDEN-1340 (no known network)

DETROIT RED WINGS WJR-760 (no known network)  
Bruce Martyn (pbp), Sid Abel (color)  
(Traditionally, WJR has not broadcast televised games)

LOS ANGELES KINGS Bob Miller (pbp), Pete Weber (color)  
1110 KRLA-CA 1440 KPRO-CA 1450 KVEN-CA  
(Many of the games played in the East will be heard via tape delay because of the time difference.)  
(Plus, one FM in Las Vegas, NV)



Iowa State University of Science and Technology  
Ames, Iowa 50010

WOI Radio-Television Service

1978 CONVENTION REPORT

The 1978 IRCA Convention is now over but for some time to come it will live in the memory of the 39 persons who came. Those in attendance were:

Larry Godwin, Corvallis, Ore.  
 Pat Martin, Portland, Ore.  
 Bob Rusk, Portland, Ore.  
 Brad Eaton, Portland, Ore.  
 Paul Wardell, Portland, Ore.  
 Bob Bodeff, Portland, Ore.  
 Mel Hickman, Portland, Ore.  
 Bill Block, Portland, Ore.  
 Frank Aden, Newport, Ore.  
 Dan Gradin, Gresham, Ore.  
 Frank Benson, Portland, Ore.  
 Mike and Saralee Northam, Portland, Ore.  
 Bruce and Evelyn Portzer, Seattle, Wash.  
 Karen Portzer, Seattle, Wash.  
 Bill and Nancy Hardy, Aberdeen, Wash.  
 Phil Bytheway, Seattle, Wash.  
 Bill Harms, Spokane, Wash.  
 Nick and Susan Hall-Patch, Victoria, B.C.  
 Dave Bennett, Surrey, B.C.  
 Don Erickson, Riverside, Calif.  
 Don, Eloise and Michael Kaskey, San Francisco, Calif.  
 Rich Segalas, San Francisco, Calif.  
 Grant Manning, Escondido, Calif.  
 Father Jack Pejza, Modesto, Calif.  
 John Clements, Panorama City, Calif.  
 Ed Krejny, Middleburg Heights, Ohio  
 Rich Eddie, Webster Groves, Mo.  
 Bill Townshend, Washington, D.C.  
 Rob Keeney, Overland Park, Kans.  
 Bill Frahm, Boise, Idaho

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THE INTERNATIONAL RADIO CLUB OF AMERICA

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

OFFICERS: President: Bruce Portzer, 6546 19th Ave N.E., Seattle, WA 98115 (206-522-2521). Secretary-Treasurer: Rich Segalas. Board of Directors: Gregg Allinson, Philip Bytheway, Dr. Larry Flegle, Bill Hardy, Rick Heald, Rob Keeney and Father Jack Pejza.

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MEMBERSHIP DUES: \$16.50 First Class to Canada and the U.S.A., Air Mail to Mexico. \$20.00 Air Mail to the rest of the world via Canada. Air Mail Direct from San Francisco: \$25.00 to Central America, Caribbean, Columbia and Venezuela; \$30.00 to the rest of the world. Sample copies, 50c or 3 International Reply Coupons. Make all checks and money orders payable to "I.R.C.A." Members outside the U.S.A., please use money orders payable in U.S. funds.

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The convention got off to a early start when Bill Block had a get-to-gether at his house on Thursday night. The first to arrive was Bill Townshend who arrived late Thursday afternoon. Rich Segalas and Rich Eddie were the next to arrive. Later in the evening Bruce and Evelyn Portzer, Phil Bytheway, Don Erickson and most of the local DXers showed up. Later that night Frank Aden called to say that Hawaii was coming in well in Newport. We tried here in Portland, but we had no luck. All but one of the DXers spent the night at Bill's place and slept on the floor.

On Friday, the convention room opened at 10:00AM. Friday afternoon, a small group of DXers led by Evelyn Portzer went to the Washington Park Zoo to see the penguins. Bill and Rich Segalas made many trips to the Portland Airport to pick up the many DXers arriving by air. Friday night was open and everyone spent the time talking, making new friends and consuming large quantities of pop and beer.

Saturday morning many of the members toured the KEX transmitter site. Paul Matthew, one of the KEX engineers, gave a good tour and showed us how the stand-by power generator works. When he turned it on, it caused the station's antenna system to go to non-directional all by itself. Many of the DXers spent the afternoon looking over Grant Manning's receivers and loop antenna. Late Saturday afternoon, Phil Bytheway conducted the first half of the auction. As always, people bought a lot of junk for high prices. One person paid \$4.00 for a Radio France sticker, and another paid \$9.00 for a copy of the first IRCA bulletin. Saturday night, the banquet unfolded, followed by the IRCA business meeting. At this time, we gave away our door prize, a \$10.00 gift certificate from "The Base Station" to Susan Hall-Patch (Thanks to member Art Mayoff for the donation). Nick was later heard reminding Susan that his birthday was coming up. The second half of the auction was held after the business meeting. After the auction, a small group of DXers went to Bill's house to do some DXing. The only good catch of the night was KP01-1040. At 3:00 AM they went back to the motel to get some sleep. Sunday morning saw some people heading home. Those that stayed went to Mt. Tabor Park for a picnic. A large group of DXers spent the afternoon throwing Frisbees which had been donated by KYTE. By Sunday night most of the DXers were on their way home and the rest is now history.



**First Class**

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