



# DX Monitor

Devoted Exclusively to  
Broadcast Band DXing

November 24, 1979

Volume 17, Number 10

Issue Number 529

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## DX Calendar

- Sat Dec 1 CJVB-1470, Vancouver, BC, 50 kw, 2300-0300 EST (8-12 PM PST) will have a special program to celebrate their boost to 50kw with a free trip awarded to the person calling with verifiable program details. Collect calls can be made to (604)688-9931.
- Sun Dec 2 WVLC-1170, Orleans, MA, 1kw, D3, will conduct proof-of-performance test 0400-0530 EST. Prepaid calls will be accepted during the test, the number will be announced over the air. Tones, possible music, and voice and code IDs will be used. WWVA will be off the air at the time. Reports go to Howland Jones, GM. Arranged by Ernie Cooper for NRC.
- Mon Dec 10 KEGG-1560, Daingerfield, TX, 1 kw, 0300-0330 EST. Reports go to: Rick Hammer, KEGG, PO Box 600, Daingerfield, TX 75638 Arranged for NRC by Skip Dabelstein.

## Flash Tips

Not too many hot flashes this week, or even any cold flashes. I'm tempted to change the name of this section but Static From Headquarters has already been taken and "Line Noise From Headquarters" somehow doesn't quite have what it takes, hi.

Mark McMillan says that KVNI, now on 1240, has been testing days on 1080 in preparation for their move to that frequency.

The KSRA-960 test was not heard by myself or Bill Hardy and didn't answer their phone at the time it was scheduled.

As I type this, I might as well mention that I'm listening to WOHO, WMBD, and WKMF fighting it out on 1470. A pity, since CJVB says they will go NSP after they boost to 50 kw. And I had the gall to refer to their program as a "celebration".....

ABC is reportedly feeding reports on the Iranian situation to affiliates of all four of their networks at 23 minutes after the hour. This per the Seattle Times of 11/16. Obviously, there's no way of knowing how long this coverage (or its subject matter) might last.....

The New Zealand DX Times says that Canada has loosened up its regulations regarding the logging of commercial announcements. Can anyone provide any additional details?

We're still taking orders for the 1979 IRCA Foreign Log. The pre-publication price of \$4.00 is good until December 25.

# Broadcasting Information

Greg Monti  
5 Hickory Road  
Bavville, NY 11709

call	kHz	day/night	
WKSX	580	500/	West Jefferson NC wants <u>500/500</u>
KGMB	590	5000/5000	Honolulu HI wants KULU
KGEZ	600	1000/1000	Kalispell MT wants 5000/1000
KXA	770	1000/1000	Seattle WA FCC refused to consider application for 50000/50000 and denied waiver of clear channel rules
KXQR	790	500/	Clovis CA wants 5000/
WABA	850	500/500	Aguadilla PR granted 5000/5000
WGNU	920	500/	Granite City IL granted 500/500
WHPN	<del>950</del>	500/	Hyde Park NY granted WWVI
KDSJ	980	1000/1000	Deadwood SD granted 5000/ <u>5000</u>
KWSO	1050	1000/	Wasco CA granted 5000/
KWBY	1130	10000/	Edna TX wants KQII
new	1140	250/	Conroe TX granted KSKS
WSML	1190	500/	Graham NC wants 1000/
KKTT	1230	1000/250	Los Angeles CA granted KGFJ
new	1250	2500/	Willits CA granted construction permit
WIPC	1280	1000/	Lake Walls FL granted 1000/500
WTOC	1290	5000/5000	Savannah GA granted WWSA
WXRL	1300	1000/	Lancaster NY granted 1000/ <u>2500</u>
KZAK	1330	1000/	Tyler TX wants KTYL
appl	1340	1000/250	Poultney VT
new	1350	5000/ <u>2500</u>	Havre MT granted construction permit
WLTH	1370	1000/	Gary IN granted 1000/500
KSOP	1370	1000/	South Salt Lake City UT granted 5000/500
KVEG	1400	1000/250	Henderson NV wants 1410 kHz & <u>5000/5000</u> & North Las Vegas NV
WTIM	1410	1000/	Taylorville IL granted 1000/1000
KCAL	1410	5000/500	Redlands CA wants 5000/1000
new	1420	500/500	Granbury TX granted KPAR
WALY	1420	1000/	Herkimer NY wants WKYZ
new	1460	1000/	Elkhorn City KY granted WBPA
new	1460	2500/	Thief River Falls MN granted construction permit
TDOL	1470	1000/	Athens GA wants WCCD
WMMW	1470	1000/	Meriden CT wants 2500/2500
KUXX	1470	5000/	Palmdale CA wants 5000/500
new	1490	1000/250	Grand Coulee WA granted KNCW
new	1490	1000/ <u>250</u>	Laurel MT granted KLYC
WYRU	1510	1000/	Red Springs NC wants 1520 kHz & 5000/
KVWO	1530	10000/1000	Cheyenne WY granted KUUY
WBIN	1540	250/	Benton TN granted 1000/
WOGA	1540	1000/	Sylvester GA granted WRSB
new	1550	250/250	Clarksville TN granted construction permit
WMLD	1570	500/	Beverly MA wants WBVD
KWIP	1580	1000/	Merced CA wants KMCE
WQRO	????	??/?	Huntingdon PA granted 1000

Underlined material is correction of material that previously appeared. As of 8/31/79, the FCC renorts 4547 AM stations on the air. From the 10/29 and 11/5 issues of Broadcasting.

RADIO PROGRAMMING NOTES  
CHLC-580 Hauterive QU and CFRP-620 Forestville QU are radiomutuel affiliates.... The new-790 Baie-Comeau QU should be MOR.... The new-1220 Amqui QU should be a Tele-media affiliate.... West Coast street talk has KIIS-1150 Los Angeles CA going gospel soon.

A feud has developed between radio programmers and record company executives over the airing of so-called "tracked-album" specials in which LPs are played through on the air. Record companies say this promotes home taping of albums and thus non-purchase thereof. Some radio stations have sponsors like TDK or Pioneer for these programs which tend to encourage home taping. Other stations are now making sure that their announcers talk over the intros and tail ends of all the cuts on an album during such a special to prevent "clean" audio from being sent over the air, thus discouraging home taping. RKO radio O&O's have all agreed not to air such specials any more.



# Eastern DX Roundup

Bob Curtis, 17 Cobbleview Dr., Colchester, VT 05446

DEADLINES: Mondays - All times are Eastern Local

## Splatter:

"First time in a long time to get to some serious DX. Nice rewards."  
 Doug Miske - ON  
 "WJAY Mullins, SC 1280 in good with s/off anncmnt." Linda Sue Morby & Roger Morby - NY  
 "# 7 on 590 (see CKRS); # 13 on 1600 (see WEUP); # 16 on 1590 (see WVNA); # 15 on 1280 (see WYVE)." Bill Townshend - DC  
 "October ended up rather good for me: 23 new stations for the whole month mostly good sunset skip stuff, plus 4 already in November. Up to 598 heard now, so hope to report 600 by next time!" Niel Wolfish - ON  
 "I'm happy to be back, this time for a full year! And I have seven goodies for this issue." Steve Miller - MA  
 "Two beacons in one week." (see UUP-526) also NB-530 last issue.  
 Mike Saltmarsh - NH  
 "The weirdest s/off that I have ever heard." (see WHNC-890) Doug Miske - ON  
 "Finally logged under new call, ex-WCOP/WACQ." (see WHUE-1150) Linda Sue Morby - NY

- 526 UUP ON, Uplands (Ottawa) 11/1 2020-2025 Fair-poor, beacon, cycle of 10 sec: 0-4½ tone, 4½-5½ silence, 5½-9 MCW ID. "...-.-.-..". 9-10 silence; then repeats itself. (MPS-NH)
- 590 CKRS PQ, Jonquière 11/1 1708 FF talk by OM. Fair before QSBing over #7 on 590. (WPT-DC)
- 600 KSJB ND, Jamestown 10/27 0110-0140 W/c&w mx, spots and ID's, Am. Entertainment nx at 0130. Fair-good o/rest. (NW-ONw)
- 620 WLBZ ME, Bangor 11/7 1851-1857 T-40 mx, ID at 1852. (MPS-NH)
- 640 CBN NF, St. John's 10/22 0008 Only caught "Oh Canada" and "God Save The Queen", then off. Fair in CWQ null. Only Canadian station on 640. (NW-ON)
- + 11/8 1700 In fair w/CBC Nx. (BC-VT)
- WHLO OH, Akron 11/3 1915 CBS Nx, sports & local talk show. Xlnt. (ex-WHKK) DX'ing at Jack Rouse's GTG. (WPT-MD)
- 730 WACE MA, Springfield 10/31 1714 S/off w/ment of power, 5kw, re-turning at 0600. Very good o/WPIT, etc. (DM-ON)
- WNAK PA, Nanticoke 10/31 1724 "Wx next", 1725 spot for a company w/phone # 675-8291, mention of eastern PA, 1726 wx clear and sunny. Poor u/WPIT. (DM-ON)
- WPIT PA, Pittsburgh 10/31 1716 "World Missionaries Evangelists" pgm w/Dr. Douglas, 1728 ment of FCC requiring WPIT to sign off earlier, so this pgm would be heard on WPIT-FM 101 in the mornings in November, into "Christian Perspective on News". Very good o/WNAK. (DM-ON)
- + 10/31 1715-1745 Two rlg's pgms w/ID at 1730, then s/off at 1745 w/no 3SB. Fair-good w/CBL slop, an easy catch; but never bothered for it until I heard it in Williamsford. (NW-ON)
- 750 WBMD MD, Baltimore 10/29 1730 Caught s/off which mentioned that they are 1000 watts non-directional. Poor in CBL slop while hunting for WHEB. (NW-ON)
- WHEB NH, Portsmouth 10/27 1800-1802 "Make Me Smile" by Chicago, 1801 ID jx into "Pop Muzik". Fair w/no WSB. (NW-ON)
- + 11/1 1656-1658 Barely audible u/CBL muck w/"Too Much Heaven" by the Bee Gees. (NW-ON)
- 770 WCAL MN, Northfield 10/27 0845 TC followed by nx and jazz mx. Fair signal above WABC. (NW-ONw)
- 780 WABS VA, Arlington 0641-0656 Faded in w/Gospel mx, 0651 mention of a Gospel pgm in Arlington. Poor-fair in WBBM null. (NW-ON)
- + 11/2 0700 In well 0655 w/rlg's pgm, then faded out to nearly nadir during ID on the hour. Went from good to very poor. (ed: two more DX'ers DX'ing same stn same time.) (LSM-NY)
- 810 CJVA NB, Carquet 11/6 2032 In good o/WGY w/ID in FF & "Carquet". (BC-VT)
- WEDO PA, McKeesport 10/24 1831-1845 Mor mx, spot for a religious pgm, TC's and ID's, 1845 s/off. (NW-ON)

840 WRYM CT, New Britain 11/1 1603 Nx in SS by OM (should be in Domestic thing-a-ma-jig Roundup column of DKWW, hi). Good over WHAS. (ed: I don't think it matters that much) (WET-MD)

WVPO PA, Stroudsburg 10/27 0817-0825 Weak, talk and mx barely audible u/WHAS. Very poor to poor. (NW-ONw)

870 WHCU NY, Ithaca 10/27 0848 Audible all day, 0848 ID into Tony Bennett song. Good signal. (NW-ONw)

+ Correction: WHCU, not WCHU, re 10/27 DXM. (ed: tnx) (DM-ON)

880 WRFD OH, Worthington 10/31 1712 Wx, "Columbus News 88" ID. Excellent in WCBS null. (DM-ON)

890 WHNC NC, Henderson 10/31 1733 Nulled WLS! In very good w/rock mx, PSA about meeting at Dants(?) Co. office, NBC spot, Toyota & People's Bank spot, soda spot (good verie details), mx, 1742 "That'll do it for today", ment of back on at 0645, 1743 proceeded with the weirdest s/off that I have ever heard: something about the listener expecting to hear an explosion as WHNC went off (which came at 1743), silence, explosion, jx & s/off anncmnt. Surprise. Hope for a verie here. (DM-ON)

900 WCPA PA, Clearfield 10/29 1757 "Tragedy" by the Bee Gees, then 1800 s/off. Poor in CHML null. (NW-ON)

910 WRCQ CT, New Britain 11/6 0710 Caught 2 ID's on TRF. Fair. (BC-VT)

940 CJGX SK, Yorkton 10/27 0151-0159 Mx by Blondie and Zwol, w/ID's in between as "GX-94", also mention of their hit line. Fair o/u XEQ. (NW-ONw)

WFNC NC, Fayetteville 10/31 1738 End of local mx w/ID into spot for Claude W. Raikin Insurance, then fade-out to CBW/WCPC. Poor. (NW-ON)

???? UNID, 11/1 1716 Caught tail end of "Oh Canada", followed by nothing else! This was definitely "Oh Canada", heard w/fair signal u/CBW/WCPC after WIDG s/off. Nobody listed on 940 as signing off that's a Canadian station. Help!! (NW-ON)

960 CHNS NS, Halifax 11/7 1822-1832 Very good-good. Surprised me to hear this one. OM said how 'good' the gas crisis is (probably works for Exxon, hi), ID "This is Radio 96, CHNS; we are on shortwave, CHHX, 6130 kHz." (MPS-NH)

970 WWDJ NJ, Hackensack 11/2 1645 In good to xint during "Restoration Revival Hour" pgm, then down to poor during ID & TC at 1645, "97-DJ", then gone due to probable ant pattern change(LSM-NY)

990 WANT VA, Richmond 10/31 1707 ID, TC, talk & into disco mx. Good o/mess. (DM-ON)

WNOX TN, Knoxville 10/31 1758 Way o/CBW w/"WNOX Sound-off", phone 546-WNOX, into "Heart of Glass". (DM-ON)

WVSC PA, Somerset 10/30 1739 Spot for a chain saw dealer in Somerset, then a song by Barbara Streisand, 1745 simple s/off. (NW-ON)

WZZD PA, Philadelphia 11/1 1719 Fade-in w/TC and ID as "Music 100" Then spot for a local disco and local news. Poor w/bad QRM from WNOX. (NW-ON)

1070 WIBC IN, Indianapolis 11/7 1723-1730 Good-fair. ID at 1724 foll'd by T-40 song "My Love Grows With You" (not sure of title) (MPS-NH)

1110 CKJD ON, Sarnia 11/7 1710-1714 Very good. Sx, wx w/ID "2°C, 36°F at CKJD", then T-40 mx. (MPS-NH)

WJML MI, Petoskey 10/27 0922-0924 IS ID, "cash Call" mention, into song by Long John Baldry. Fair, way o/CKJD. (NW-ONw)

WUHN MA, Pittsfield 10/25 1815 In good w/s/off at 1815, "R. One" IDs, no NA. Ex-WGRG, WUPE. (LSM-NY)

1150 WHUE MA, Boston 10/21 2219 Finally logged under new call, ex-WCOF/WACQ. Heard at 2219 mixing w/others on the freq, gave two IDs after ad, "Huey Radio". (LSM-NY)

1170 CFIX ON, Cornwall 11/2 1806 CFIX-CHPR dual ID at 1806. (NW-ON)

1190 WANN MD, Annapolis 10/27 1751-1803 Black mx pgm w/ID's and talk about Annapolis at 1800. Fair w/CJMR and WOWO. (NW-ONw)

+ 11/1 0655-0713 In u/WOWO at SRS w/talk and mx until s/on by CJMR. (NW-ON)

1210 WILY IL, Centralia 11/1 1737-1745 Fade-in w/mx by Doobie Bros. and Little River Band, spots for resort in Florida and a lumber company, 1745 s/off w/no SSB. Fair in WCAU null. Was actually looking for Guymon, OK here. (NW-ON)

1220 WENC NC, Whiteville 11/4 1658 Fair w/ID, wx, s/off at 1658(RAM-NY)

1240 WJEJ MD, Hagerstown 11/4 0018 Noted w/various ID's & TC's.(SDM-MA)

1240 CJWA ON, Wawa 10/27 0938-0944 TC, ID, spot for GWG jeans, Canadian Tire, followed by mx by Bee Gees, Touche and Kenny Rogers, then f/out to CJCS. Wish I could get this at home. (NW-ONw)

1260 WCHV VA, Charlottesville 11/4 1657 U/WEZE, w/ad & mentions of Charlottesville. Good at 1657. (LSM & RAM-NY)

1270 WHEO VA, Stuart 11/5 1716 Off late, way under, bits of s/off announcement & MA at 1716. (LSM & RAM-NY)

WSPR MA, Springfield 10/27 2210-2220 End of Springfield hockey game w/spot for Manny's TV & Appliances. Good w/no sign of WXYZ. (NW-ONw)

1280 WJAY SC, Mullins 11/5 1715 In good w/s/off anncmnt & plug for FM WCIG. (LSM & RAM-NY)

WYVE VA, Wytheville 11/5 1715 S/off by male DJ w/ment of 1000 watt power. Heard on car radio on way home from work. # 15 on 1280. Good. (WPT-DC)

???? UNID, 10/29 1825 w/wx forecast & ID, mentions of Rochester. Has WROC changed its call? Call sounded like WBXN. (LSM-NY)

1290 t WFIG SC, Sumter 11/3 0600 S/on by OM w/ment of 1kw power. Fair. (WPT-DC)

WKNE NH, Keene 11/4 1710 Good signal. Listened to "W-K-N-E Sports" New. (SDM-MA)

1310 WTLB NY, Utica 11/1 1938-1945 Good-fair. SID at 1938, mx by Doobie Bros. (MPS-NH)

1320 CJSO PQ, Sorel 11/2 1730-1738 Very good. FF, McDonalds spot, many ments of Sorel around 1732, sx at 1733, ID "say-shee-ess-oh" by OM anncr. (MPS-NH)

WATR CT, Waterbury 11/4 1721 ID heard "1320 WATR", mixing with an unknown. New. (SDM-MA)

t WSCL PA, Scranton 11/2 1723-1725 Fair-poor. Political spot, then SID that sounded like "WSB". T-40 mx by Wings. QRM from CJSO. (MPS-NH)

1340 WDCR NH, Hanover 11/4 1734 Noted w/UPI Radio Nx and "D-C-R News" about the NH state legislature. Fair signal. New. (SDM-MA)

1390 WCSC SC, Charleston 11/4 1707 ID after nx at 1707, wx from Charleston Airport, mx, on tip from Roger. (LSM-NY)

(ed: Nice to have another DX'er in the family.)

1400 WABY NY, Albany 11/4 0258-0300 Larry King show, spot for American Lung Association then ID and temp of 34°, then nx. (MPS-NH)

1420 WBSM MA, New Bedford 11/3 1816 Fair-poor. OM gave info about elections on Nov. 6 and that WBSM would cover them. (MPS-NH)

1430 WNAV MD, Annapolis 10/28 1725 Predominant w/ad for Annapolis Mall & then SID at 1725. (LSM-NY)

1440 WBUY NC, Lexington 11/5 1730 In fair to porr till ant change at 1730, when it dropped out for good, ads for Lexington, sports nx, political spots, nx on NCN net. (LSM & RAM-NY)

WGCB PA, Red Lion 10/30 1730 Heard way under w/s/off anncmnt, xmtr site given as 1½ miles south of Red Lion. This at 1730, my homebrew ant decided to fall off just when the anncmnt began. (LSM-NY)

1450 WTSA VT, Brattleboro 11/4 1830 Fair signal. Heard w/mx by the Captain and Tennessee plus a WTSA wx forecast. New. (SDM-MA)

1490 WABJ MI, Adrian 9/25 0014 Atop GY pile (that's exactly what it is too) w/promo for WABJ poster for you to make yourself & put in front window of your home to win \$, into mx and lost to mess. (DM-ON)

1470 WSAN PA, Allentown 11/4 0022 Noted w/numerous ID's. Afterwards completely faded out. (SDM-MA)

1500 WTOP DC, Washington 11/4 1824 Pretty good, even with local 1510 "I-T-S"'s harsh QRM noted, w/phone-in talk pgm w/2 YL(SDM-MA)

1540 WPTR NY, Albany (info) Lately they have been using "The New WPTR" ID's. Don't know what's so new. (MPS-NH)

1590 WGOE VA, Richmond 10/27 1745 ID, & mention of time change (to EST) into a song called "Dreamin'" by Blondie. Good. (NW-ONw)

WVNA AL, Tusculmbia 11/1 1745 c/w mx, then anncr says stn must power down to 1000 watts from 5000 watts by FCC order. Fair atop channel. # 16 on 1590. (WPT-DC)

1600 WEUP AL, Huntsville 11/1 1736 Spot for soul concert w/ment of Huntsville, then soul mx. Fair after nulling WINX. # 13 on 1600. (WPT-DC)

REPORTERS THIS ISSUE

- SDM-MA Steve Miller, 368 Quincy St., Boston, MA 02125  
Realistic TRF
- DM-ON Doug Miske, 128 Mossgrave Trail, Toronto, ON M2L 2W5  
Panasonic RF-2200 + longwire
- LSM-NY Linda Sue Morby, Ushers Road, Ballston Lake, NY 12019  
DX-300 w/homemade coil, longwire
- RAM-NY Roger Morby, Ushers Road, Ballston Lake, NY 12019  
Realistic TRF
- MPS-NH Mike Saltmarsh, 33 Fowler St., Penacook, NH 03303  
Mont'y Wards GEN 1479A, Nat'l NC-183
- WPT-DC Bill Townshend, 4500 Conn. Ave., NW, Washington, DC 20008  
Realistic TRF
- WPT-MD DX'ing after work, Marlow Heights, MD or at Jack Rouse's GTG in MD
- NW-ON Niel Wolfish, 15 Donwoods Grove, Toronto, ON M4N 2X4  
Realistic TRF & PRG-7
- NW-ONw DX'ing at Williamsford, Ontario Oct. 26-28 w/7 other DX'ers.  
PRG-7 & 1500 ft N-S or 2500 ft NW-SE beverage antenna.
- BC-VT Bob Curtis, 17 Cobbleview Dr., Colchester, VT 05446  
Realistic TRF & SP-600 + longwire

\*\*\*\*\*

Nice to see the reports from Niel Wolfish from his DXpedition at Williamsford, Ontario. Did you note the report of KSJB-600 North Dakota that showed up among the DX'pedition reports.

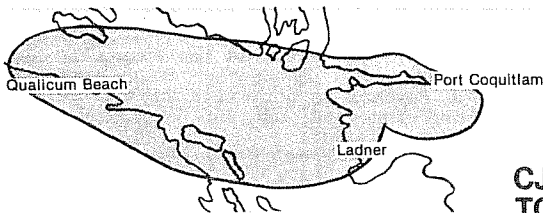
Thanks to Doug Miske for the survey lists and station decals.

Quite often I receive bumper stickers, decals and survey lists from reporters to the column. It's all very thoughtful of you, and perhaps I should mention a word about them. I am not a collector of radio station bumper stickers, although a few of the more attractive or unusual ones have ended up on the wall of my shack. Station decals for car windows I have no use for. Survey lists, T-40 lists, hit lists, etc., however, are useful to me. They're helpful in checking on spelling of titles and artists, meaning of abbreviations, etc. relative to the current music scene. So an occasional survey list to keep me up to date is appreciated. So that's the story on that. I'll have to admit the Eastern DX-land DX'ers have done a good job in keeping me informed.

73 and good DX

Bob Curtis

**PRESENT COVERAGE MAP**



**CJVB COVERAGE TO INCREASE DRAMATICALLY**

CJVB broadcasting coverage will increase by nearly four times with the switch on from 10,000 to 50,000 watts scheduled for December 1, 1979.

"Even in some areas of Vancouver city our signal is weak," said CJVB president Jan van Bruchem.

The increase in power, which beams from the CJVB transmitter in Richmond, will mean better listening for over 40,000 Vancouverites who reside in the West End.

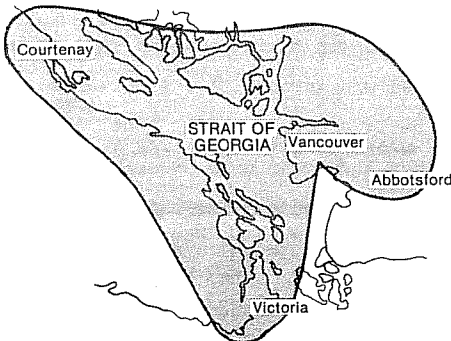
The power increase will also mean better CJVB coverage into North and West Vancouver.

The boundaries of CJVB's coverage map will increase dramatically as well. To the east, the CJVB signal will reach beyond Abbotsford.

"That's important for us because in the Fraser Valley we have Canada's heaviest concentration per capita of ethnic citizens."

Coverage will also extend to Vancouver Island and to Victoria.

**DECEMBER 1979 COVERAGE MAP**



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

# Central DX Roundup

Deadline Tuesdays 85° to 110° W All times EASTERN

- +++++
- 660 WESC SC Greenville, in very good on 11/8 at 0656 for several minutes w/ mx, TC, ID, clothing store spot, then rx. (SEM-TN)
  - KSKY TX Dallas, in weak but clear on 11/8 at 0700 with prayer and s/on heard under WESC. (SEM-TN)
  - 740 CBL ON Toronto, on AN MM 11/12 due to train wreck emergency w/ info, personal messages of people trying to get ahold of each other. (RAL-WI)
  - 890 KBYE OK Oklahoma City, in good on 11/7 at 1828 to 1830 w/ end of gospel pgm then sign off. Got this one just before WLS began to block this frequency! (SEM-TN)
  - 900 WFIA KY Louisville, 0630 10/26 noted thru QRM w/ ID and into UPI nx. (PAL-MN)
  - 920 CFRY MB Portage la Prairie, 0340 10/27 good w/ hockey scores, ancr Peter Schultz, into C&W mx followed by spot for Buron Lumber Co. Seems to fight it out with KDHL for dominance during evening hours. (PAL-MN)
  - 930 KSDN SD Aberdeen, 11/6 1938 fair with ID and spot for TV channels 13, 9, & 4. Into Dakotaland's no. 1 song - The Eagles "Heartache Tonight". (PAL-MN)
  - WGNT WV Huntington, in strong on 11/7 at 2008 with mx, ID, time, and mx. (SEM-TN)
  - 940 KIXZ TX Amarillo, in like a local on 11/8 at 1819 for 5 minutes with area wx forecast, "47° in Amarillo", ID, mx, station promo on show later in evening, and mx. (SEM-TN)
  - 950 KLIK MO Jefferson City, 10/10 good 1925-1935 with Missouri Net News, ID and KLIK news. (NZ-NE)
  - 1070 CHOK ON Sarnia, 1950 11/6 doing their usual job of blasting WTSO w/ C&W mx. CHOK is biggest pest I know of. (PAL-MN)
  - 1080 WKAC AL Athens, 11/6 fair with s/on @ 0715, into C&W mx, much KRLD QRM this morning. (NZ-NE)
  - WJOE FL Port St. Joe, 11/3 fair-good w/ s/on @ 0700, O. & Op. by North FL Broadcasting of Evansville, IN. Into C&W mx. (NZ-NE)
  - 1150 KIMM SD Rapid City, 10/28 poor 1900-1905 w/ C&W mx, spot for Johnson Machine Co. (NZ-NE)
  - 1220\*WAVN\*MN\*Stillwater, 0450-0556 10/27 various tones for solid hour before popping for ID (only to learn they were on PoP, hi). At 0556 gave complete address - ID, power, freq, etc. (PAL-MN)
  - KZYM MO Cape Girardeau, 0735 10/26 poor w/ ID and into sports w/ Tony Roberts. Quickly faded. (PAL-MN)
  - 1230 WNVY FL Pensacola, in clear on 11/6 at 0122 with ID, then mx. (SEM-TN)
  - 1330 WMLT GA Dublin, in good on 11/6 at 0806 w/ end of wx forecast, then ID. Heard again on 11/8 at 1722 w/ xlnt signal w/ mx then furniture store spot. (SEM-TN)
  - 1380 CKPC ON Brantford, 1602 11/3 good w/ report on Brantford Alexanders hockey game, then into mx by Anne Murray. (PAL-MN)
  - 1410 WLAQ GA Rome, MM 11/5 strong 0200-0205 w/ wx and ID, fighting it out with a strong WING. (NZ-NE)
  - 1430 WKDH VA Ashland, 1558 11/3 poor w/ NFL report followed by ID. Faded into unid QRM. (PAL-MN)
  - 1480 KRAE WY Cheyenne, 0800 10/26 fair over KEHG-WISM-KSDR w/ s/on and into WY nx and extended wx forecast for NE-SD-WY. K-Rae Action Central w/ spots for Wards, WY Federal. Finally wiped out by KSDR. (PAL-MN)
  - 1510 WAHT PA Annville-Cleona, 1730 10/28 caught s/off giving address as Box 15 Lebanon, PA. Fair signal. (PAL-MN)
  - 1520 WKBW NY Buffalo, 1548 11/3 blasting in at this early hour w/ KB wx-nx and mx. Results of cross-country meet. Checked 30 min later to find no sign of them. (PAL-MN)
  - 1550\*WM00\*AL\*Mobile, MM 11/5 very loud 0150-0205 w/ vocal gospel mx and IDs for engineering maintenance. (NZ-NE)

JUST ENOUGH ROOM TO TIP OUR HATS TO THESE REPORTERS:

- PAL - PAUL A. LAFRENIERE, Grand Marais, MN (Dymek DR-22, DA-100)
- SEM - SIDNEY E. MARSHAL, Millington, TN 38053 (RF-2200, SM-2)
- NZ - NEIL ZANK, Lincoln, NE (HQ-180A, ICF5900W)
- RAL - BOB LAZAR, Madison, WI (FRG-7, SM-2)

# Western DX Roundup

ALL TIMES ARE EASTERN LOCAL

Phone for hot WDXR tips: (206)532-6827 till 10:30pm(PT)--no collect calls

DEADLINES: Wednesdays 11/28, 12/5, 12/12; Tuesday 12/18; Wednesday 12/26

REPORTERS FOR THIS ISSUE:

- (WJH) Bill Harms-N. 2213 Vista Rd.-Spokane, WA 99206  
FRG-7, 3' wedge, 300' longwire
- (RL) Robert Lake-11610-111 Avenue-Edmonton, AB T5G 0E1  
Realistic TRF
- (MEM) Mark McMillan-Rt. 3 Box 381-Rathdrum, ID 83858  
HQ-180, 660' N/E Beverage, 880' S/E Beverage, 3' wedge
- (BN) Bill Nittler-Box 93-Naturita, CO 81422  
HQ-180, loop
- (AWP) Art Peterson-851-31st Street-Richmond, CA 94804  
FRG-7, R. West loop
- (bp) Bruce Portzer-6546 19th Ave. NE-Seattle, WA 98115  
FRG-7, HQ-180A, 4' loop
- (RT) Rich Toebe-2350 Stonehaven Circle-Reno, NV 89511  
Grundig 1100 multi-band rx w/built-in ferrite antenna
- (EW) Bradford Wall-25871 Union Ave.-San Bernardino, CA 92410
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118  
GE long-range portable, SW-2

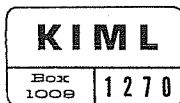
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- 600 KNYO CA, Independence 10/31 2001 ad for motel, full ID & TC by YL; good, o/KOGO. (RT-NV)
- KSXO CA, Redding 0137 11/1 "K-six-o" slogan, then syndicated C&W mx show, heavy KOGO/CJOR QRM. New. (RT-NV)
- 680 CHFA AB, Edmonton 11/6 2159-2200 hrd "House of the Rising Sun" song into ID "Ici Radio Canada." Hrd ment. of Alberta. Into nx in FF. Pair signal w/semi-nulled KNBR. Life does exist w/KNBR, hi. +11/6 0009 ID, into FF CBC nx. U/KNBR, fading. (MEM) (WJH)
- 710 KGNC TX, Amarillo 11/5 0635 ID followed by C&W mx, in KIRO null.(EW)
- KIRO WA, Seattle 11/5 0401 w/CBS nx & ID "KIRO newsradio 71." (EW)
- 740 (KCBS) CA, San Francisco 11/4 0534 noted off air. OC on & off. However, was on MM 11/5. (BW-CA)
- +11/4 0416 noted w/OC. (RT-NV) (RT)
- 780 (KCRL) NV, Reno 11/2 2110 noted off. WBBM in. Still off 2152, OC 2200.
- 800 CKOK BC, Penticton 11/2 0100 OM w/nx, wx, sports; rr mx. Poor to Fair w/XEROK nulled. (BW-CA)
- 810 (KGO) CA, San Francisco 10/30 0406 noted totally off. (RW-CA)
- KCWO MO, Kansas City 10/30 0415 very weak in CHQR null o/u unID classical, KGO off. EZ rock mx, nx at 0430, wx at 0440 ment. of t-storms. New. (RW-CA)
- 880 WCBS NY, New York City 0411 11/4 OM w/sports. Nothing else hrd. (BW)
- 930 CJCA AB, Edmonton 11/2 0011 "CJCA news", wx, sports 0015, mx. O/KHJ and KSEI. New. Good signal. (RT-NV)
- 940 (KFRE) CA, Fresno 11/5 0407-0427 totally off. CJIB, KMGX, KIOA & suspected XEQ in mess. (RW-CA)
- 980 KFWJ AZ, Lake Havasu City 0829 11/3 "KFWJ nx", ad for London Bridge Shopping Center, then "Havasus Comm. Forum," good, o/KFWB. New. For quite a while. (RW-CA) (RT)
- 1000 \*KKIM\* NM, Albuquerque 11/3 0348 strong in KOMO null w/TT
- 1060 CFON AB, Calgary 11/2 2319 "We are mx--CFON" o/u KPAY. (RT-NV)
- 1140 KVLI CA, Lake Isabella 1930 11/4 was listening to KMJJ w/pop mx, suddenly sig cut off, left weak sig under, "4:30 in Lake Isabella," Mutual nx, ID "You're listening to KVLI, it's 4:35" by YL. No KRAK either. New. (RT-NV)
- 1150 KBAI CA, Morro Bay 11/2 1949 wx for "the Gold Coast," pop mx, ID 1952 "That's J.D. Souther on K-bay," nx. New. (RT-NV)
- KDQQ NM, Albuquerque ex-KUPF now using these new calls.Hrd first 9/18 SSS. (BN-CO)
- 1220 \*KIBE\* CA, Palo Alto 10/31 0354 xlnt w/OC. (RW-CA)
- 1230 KXO CA, El Centro 11/3 2000 w/good ID then NBC nx. Hrd again 11/5 w/mx & IDs and then nx 0250-0305 s/off. (BN-CO)
- KBRR CO, Leadville is indeed on the air. Hrd many times since 9/26.
- KBAR ID, Burley 11/8 2030 "It's 6:30 at KBAR in the Intermountain west" into ads. (MEM-ID) (BN)



- 1230 CKQR BC, Castlegar 11/5 2200 CKQR slogan followed by nx. Has been dominating 1230 here. (RL-AB)
- 1240 KDIG CA, San Bernardino 11/5 0615-0630 w/good country mx. Only call ID given. KROY nulled. (AWP-CA)
- KBMY MT, Billings 11/3 0410 "Jessie Colter, from the Country Skies of the Big Sky Country, Billings, Montana, and KBMY." Great signal, wiping out any trace of KROY. Strange cx to Rockies w/ KPRQ-1230, KFTN-1400 & KEYY-1450 dominant respectively. (RW-CA)
- KAMQ NM, Carlsbad now on air, s/off 10/1 0200. (BN-CO)
- KFLY OR, Corvallis 11/2 0408 good, on top of everything. KEJO ments w/ad for "FM classifieds" at 8:44, 1:44 and 7:44. Interesting they'd plug something for FM on their AM. Simulcast? (RW-CA) (KFLY carries the entire KEJO(FM) format Tues.-Sun. 0300-0900. As noted two issues back, KFLY is still KFLY; KFLY-FM changed to KEJO.--NH)
- 1250 KNEU UT, Roosevelt 11/3 0820 "6:20 at KNEU," into C&W mx. Nice sig. New. (RT-NV)
- 1260 KPOW WY, Powell 11/2 2058 w/"KPOW nx," fair o/u KYA. Hrd occas. (RT)
- 1280 CJSL SK, Estevan 10/30 2115 ID followed by relig. program. (RL-AB)
- 1340 KATL MT, Miles City 11/13 2025 SID, MOR mx. Lost to KACH, KCAP, KOTY
- KAGT WA, Anacortes 11/9 2013 nx, wx, ID "13-40 radio," mx (MEM)  
 (Lawrence Welk). (MEM-ID)  
 +11/9 0020 "K-A-G-T" ID followed by Hawaii Five-0 theme song. Surprisingly good, clear signal. (RL-AB)
- CFKC BC, Creston 11/6 2208 wx for Creston. Poor. (RL-AB)
- 1360 KZIQ CA, Ridgecrest 11/4 1947 w/s/off, well u/KFIV. (RT-NV)
- KOHU OR, Hermiston 11/5 0300 topping the freq. w/s/off, SSB. (RW-CA)
- 1380 KBCH OR, Lincoln City finally hrd 11/8 1744 w/s/off. ID "KBCH comes to the end of another broadcast day." Good w/KSRV & KOTA QRM. As usual, no KRKO. (WJH-WA)
- 1390 KKOA ND, Minot 10/31 0000 ID followed by Frankie Valli tune. (RL-AB)
- KSLM OR, Salem 11/4 0025 musical "K-S-L-M" slogan followed by ABBA song. (RL-AB)
- \*KSLM\* ET 0554 11/12 w/Morse code ID giving call, freq, pwr, etc. (bp)
- 1440 KKXL ND, Grand Forks 11/8 0726-0730 wx, travel advisory for snow, ads, ID. O/unID OC/TT, & usual KFOR. (MEM-ID)
- 1450 KEST CA, San Francisco AN 0330 good strong signal 10/15; preacher & soul mx. (BN-CO)
- KYOR CA, Blythe 0300 s/off in clear 11/5, for 3rd Calif. GY. (BN-CO)
- KEYY UT, Provo 11/3 xint, wiping out KONE, KEST off briefly w/OC but back on in a minute or so. "key" slogan. (RW-CA)
- 1460 CJMH AB, Medicine Hat 11/7 0000 ID as "CBR Calgary." Although they are easy to pick up here, I never have hrd the real call letters. This one should be easy to ID. Is it CJMH-1460 from Medicine Hat? (RL-AB) (Yes.--NH)
- 1470 KXOA CA, Sacramento 11/5 0655 w/TT & "This is KXOA, Sacramento, testing." (BW-CA)
- KSEM WA, Moses Lake 11/12 s/off u/CJVB 0300. No anthem. (bp-WA)
- 1490 \*KGUC\* CO, Gunnison 10/22 ID 0250 saying monthly f/c. (BN-CO)
- CJPR AB, Blairmore 11/4 2220 Lethbridge Broncos vs New Westminster hockey game. (RL-AB)
- 1520 KMAV ND, Mayville 11/8 0810 ID, wx, ads, C&W mx. (MEM-ID)
- 1530 KKCS CO, Colorado Springs ex-KXXV, ID as "Studio 153." First hrd using new calls 10/24. (BN-CO)
- KUUY WY, Cheyenne ex-KVWO first noted w/these calls 10/24. ID as "KWY." (BN-CO)
- 1560 KKAA SD, Aberdeen 11/6 2135 wx report followed by "KK-double-A" slogan. Some KMPC QRM. (RL-AB)

Welcome to WDXR, Bill! This week I get the "100 lashes with a stiff penguin flipper" award. In the Nov. 10, 1979 WDXR KAPE-810 was sent in by Rich Toebe, not Mark McMillan. Sorry! I'm beginning to wonder--maybe the "100 lashes with a stiff penguin flipper" award should be a weekly thing.♥



GILLETTE  
 BROADCASTING  
 COMPANY

Gillette, Wyoming 82716



"TOP GUN" - UTAH COUNTY

**KONI**

FM - Stereo 106.3 Mc

AM - 1000 Watts 1480 Kc

SPANISH FORK, UTAH 84660

# Eastern DX Forum

John Zondlo  
1802 N. Rockwell, Apt. 107  
Bethany, OK 73008

Bill Wurtzel-32 W. 31st St.-New York, NY 10001-(212) 594-8498

I have been DXing and heard a few new stations. Gonna send a report to Bob Curtis today, are you ready Bob? Of all surprises, my Astronaut-6 by Realistic is quite a performer. I heard WCRO-1230 Johnstown PA, WITH-1230 Baltimore MD, and WTRN-1340 Tyrone PA, all using 250 watts! This was in my mid-town New York loft. I alerted my DX friend in Staten Island and helped him hear all 3 stations. Using the TRF in Passaic NJ I heard WGNG-550 Pawtucket RI, WRKO-680 Boston MA, and French on 730, probably CKAC Montreal. WHDH-850 Boston made it down to New Jersey the other week at 6:30 PM before the clocks were turned back, using my 9-band Masterwork that weighs 14 pounds. Who Needs Those Weights?- WNTS, when my radios are heavy enough? I'm referring to my 110-pound barbell set. I now have the National Panasonic RF-5000, all 21½ pounds of it, and it has too much sensitivity. TV harmonics come in on most of the SW dial. The channel 50kwers come in as hi-fidelity, you've got to hear it to believe it. I plan to hold a GTG in my loft, probably next June, and hope to have even more room for over 20 DXers, Paul Mount take notice! Hope someone out there visits New York soon and plans to stop by and look me up. There's room to stay here.

Some DXers make their airchecks

AM's dial setting of 860

Using Sony cassette tape decks

Brings in Toronto's CJBC

They can record

With French music

The sound of a gourd

That's sure quick

So you should check out the specs!

To make me turn on my GB!

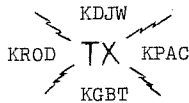
John Zondlo-1802 N. Rockwell, Apt. 107-Bethany, OK 73008

Greetings. Well, I've finally settled down (?) here in Bethany, and am working all kinds of shifts at KJIL. The apartment's a mess, and probably won't look very good for a while. Papers are strewn everywhere, hi. Ironic that I should move to Oklahoma, home state of former Central DX Forum editor Lynn Brooks. I took over CDXF from Lynn in late 1972, and when Bruce Heimburger resigned as EDXF editor, CDXF was eliminated and merged into the present two columns. It was quite a change getting reports from easterners after concentrating on the midwest for so long. I've been fortunate to work under five publishing crews (if you count Seattle twice) with three different formats (mimeo, looseleaf and booklet). Personally, I prefer the booklet because of ease of storage. Hope everyone is beginning to feel the same. It's often hard to adjust to change, but Seattle's decision was a good one. That's it for this week....see y'all in 7.....73.....jz

Bruce Portzer - 6546 19th Avenue Northeast - Seattle, WA 98115

Looks like the east coast gang is trying to figure out what John's new address is going to be. Well, there it is, hi. Not too much happening here this week, but I thought I'd mention a problem I've had off and on with my HQ-180A. It seems that it has a slight case of internal mixing, so that if I get a weak station and a strong station on adjacent frequencies, the weak one shows up on the other side of the strong one. For example, I can sometimes get KDWN on 700 as well as 720, due to apparent mixing with KIRO-710, and JOUB on 766 as well as 774 due to mixing with KOB (believe it or not!). The most bizarre case of this happening was several years ago when KJAY-1430 was ETing with an open carrier and I got audio from Aruba on 1425 in addition to their proper 1435 kHz signal! The problem appears to be in the second mixer stage...my SB-620 spectrum analyzer doesn't show the problem as existing at the input to the first i.f. stage. Tube replacement and realignment don't eliminate the problem entirely, so it's likely either an anomaly in my receiver or a design fault. An extra i.f. ahead of the second mixer would probably help prevent the problem. If anyone else has noticed this sort of problem in their HQ-180 I'd be interested in hearing about it. Conditions didn't pan out as predicted for TA/TP conditions to peak around November 15. As it turned out, a couple of days after I made my pronouncement about the 27 day cycle, I read that such periodicities are less noticeable during times of high solar activity (such as we have right now). Flareups occur so often at these times that it's hard to know just when the sun will be quiet. 73, CUN7.bp

# western DX forum



Ric Heald  
1058 Sanchez Street  
San Francisco, California 94114  
Phone (415) Valencia 1-0447

DEADLINE IS EVERY THURSDAY 9 DAYS PRIOR TO PUBLICATION DATE

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JAMES E. CRITCHETT, 1635 WALBRIDGE ST., RED BLUFF, CA. 96080 - 07 NOV 1979  
Referring to the 27 October DX Monitor, I heard 650 KORL on Tue.; 06 Nov @ 0427 PST, 0227 HST. Did not try for 830 KIKI or 1040 KPOI. KPOI is always weak, and 990 KHVH seldom heard. I don't try for others. 03 November DXM report; I haven't tried for 1230 KHSN. Naturally, even a tone would be preferred to 1490 KBLF; I don't try 1510 except when KGA is off. On 1350, KRLC is dominant here after midnight; KIDN Kountry second, and KCKG weak. Hadn't missed 740 KCBS; have heard KTRH, KBRT-test, CBX, KRMC, KYME there. Was it CKGT I heard testing on 1070 Fri., 11/2 from 0433-0525 PSP? No ID at 0500, or any other time. Not CFAH or KERR; latter still unheard. I used to hear 1240 KMBY any time after midnight. Have not heard KESE since the call change. What is their schedule, or do you know what it is? (Believe them to still be NSP-RtH). Got started and hard to stop. Would like to attend a Bay Area bash, if any. 73.

GARY LARSON, 2806 N. LINCOLN, BURBANK, CA. 91504 - 07 NOV 1979 - First rain of the season began this afternoon, 11/7. I sent in a Flashtip re local 1150 KIIS format and call change effective 12/2. Programming will be religious. Will try to send a copy of the story from the Valley News for reprint in DXM. Spoke to an engineer at KIIS who told me they get complaints about their nighttime coverage (1 kw). (Have them move to S.F.. They'll not complain again, hi-RtH). They have a contract with the L.A. Kings (hockey), so even when the format changes, the Kings should still be broadcasted. Wish KIIS would change to a format similar to KPAT-FM in Gilroy, CA. Or maybe an FM here should pick up that format; progressive C&W. I have picked up KDWN 720 Las Vegas while away from the KMPC XR, such as in Chatsworth and Newhall. Am in receipt of an aircheck from KORL 780 Reno. Have heard KMJJ 1140 and KBOI 670 lately. Maybe this rain here in the L.A. area will improve AM reception. Just received a tape of KRE 1400 Berkeley and will see how they compare with KGFJ 1230 or KDAY 1580. (There is no comparison, believe me, hi-RtH). Thanks to Neil Dickerson for airchecks of tropo (??-RtH) DX. 73.

PAT MARTIN, BOX 843, SEASIDE, OR. 97138 - 11 NOV 1979 - TP conditions have really dropped off the last few days. I have been hearing a few DU's, but that is about all except for a few of the strong JJ's. I hope we don't have one of those years where November comes and goodbye TP's until Spring. According to Dave Williams we had one of those a few years ago. At that time I lived in Portland and didn't notice since I was into TV-FM DX. Fiji, Tonga, and Hawaii have been pretty good around 0700 or so. (PLT?-RtH) Fiji 891 was excellent 11/5, with no sign of WLS. Tonga 1117 also strong. Heard KUMU 1500 over KXR. Haven't heard them in a few years, but have not really tried either, hi. The other night I had to do some work on my E.H. Scott receiver. I had noticed that the gain had dropped off the last few days. I first checked the R.F. preamp and found nothing wrong. Then I took the receiver apart and found low plate voltage on several of the tubes. I found a bad resistor just after the main filter caps. Replaced that and everything is fine again. Rarely anything goes wrong with my receiver's tubes. I check them fairly thoroughly before every season and repeat the IF's and generally check voltages, etc. So this sort of surprised me. I guess it shouldn't since the set was made for the Navy in 1953. Few new veries received: Paupa, New Guinea 864 sent a nice card and a sticker with program schedule--took 2 weeks; 3WV 594 Horsham, Vic. sent ABC card and a nice letter from the manager; and three Fiji veries for 891, 558, and 639 kHz. The reports for 558 and 639 kHz were sent out last April! I sent a taped report about a month or so ago, and then they answered all three! They really have a nice card now. I verified them back in 1969 on 890 kHz, with their old card. I sent another report to Tahiti 738. They didn't answer my last report from last April. Well, that should do it for this time...Good DX to all and 73.

RIC HEALD, 1058 SANCHEZ ST., SAN FRANCISCO, CA. 94114 Tele-Forum: (415) 821-0447 to 2200 PLT and prepaid - 17 NOV 1979 - Surprise, surprise! Everyone dated their Forum. I would like to experiment with this, so please, everyone, date your Forums after your address. If you forget, no problem, I'll type "(rcvd. ----)" at the end of your Forum. Will see how this goes and I would like some feedback later on. Congrats to John Zondlo on his new career; sorry to see him move west and resign. jz, you are now in my turf---how 'bout a Forum, hi. No new DX to report; busy trying to change my life. Will be going part-time to college in the Spring semester, and will be working part-time as well, learning a typesetting computer. Look out Seattle, you're about to get a column all typesetted, absolutely typo free, hi. I felt like an old man (at age 33) up on campus at College of San Mateo the other day, hi. Had the Hammarlund on this morning, 11/17, & did a brief dial scan. Noted KORL 650 like a semi-local @ 0530 PST, KIKI also quite good, but no hets, and nothing more than the usual pile of com-post. I did notice this morning that the tone on 1510/1490 was gone. Jim, the trip north has been postponed for now, however, next spring looks good, and I will stop by if traveling I-5. Again, I would like to get a log of U.S. SS stations established. Please jot down your area stations that program in SS, fulltime or part-time (if part-time, hours please), and forward the information to me. There are many S.W. U.S. stations that program SS in the early hours prior to 0600 LT, e.g. KPMC 1560, KCRL 780, etc., that could be of great help to the DX'er. Slightly small section this week. I once again invite all to contribute to WDXF, especially east of the Rockies, and out to the Pacific. Would like to hear from N.Z. again, & Australia. See u in 7. 73 and good DX from Rth..

## Eastern Spotlight:

### Mississippi

editor: John Clemmer, 2937 W. Gilbert, Peoria, Ill. 61604

Welcome to the return of Eastern Spotlight. The spotlight this time shines on the Magnolia State, Mississippi. Ms. is a very varied state stretching 352 mi. N-S and 188 E-W. As close as I can figure there are 102 AM stations in the state. A good many of these are daytimers. Ms. is a medium to difficult state to hear, depending where you live. The south and midwest have it easiest. It is more difficult in the northeast and is pretty difficult to the west and northwest. Ms. lacks a fulltime 50 kw stn; WOKJ 1550, WCPC 940, and WSJC 810 all run 50 kw days. The most powerful AM at nite is WOKJ w/ 10 kw. Best bets for Ms. are WOKJ, WCPC, and possibly WSJC. Best regional bets are WCCL (ex-WYIG) 1590, WSLI 930, and WELO 580. On to the listing.....

550 WCBI Columbus 1/.5, T 40/MOR, MRN/Ae, reg. to NW Fl. at SRS.

570 WVMI Biloxi 5/1, U-4, C&W, APR/Ae, days to NW Fl., rare to Ill. early AM, once Ill. evening.

580 WELO Tupelo 1/.5 U-4, C&W, M/MRN, occ to NW Fl. at SSS, occ/rare to Il. at SSS/SRS, regular to NE Il. after SRS.

620 WJDX Jackson 5/1 U-2, T40, N, occ to NW Fl. at nite, once to Ill.

810 WSJC Magee 50/.5 U-4, UPI/MRN, VAR, Rok nites, occ/rare to Il. at SSS, day + nite to NW Fl., has been hd on WC, possible to WC at SRS w/ KGO off (3-4 times/yr.)

850 WMAG Forrest 10 D, DA, C&W, MRN, days to NW Fl.

900 WDDT Greenville 1 D, T40, irreg to NW Fl. at SSS, rare/occ to Ill. at SSS.

910 WOKK Meridian 5/1 U-1 !!, Mod. C&W, A1, occ days reg. SSS to NW Fl., fairly reg. to Il. SSS, some evenings to Ill.

930 WSLI Jackson 5 U-2, MOR, Ae, SSS and nites to NW Fl., occ/rare to Il. (central+ NE Il. at SSS.

940 WCPC Houston 50 D-3, CP for 50/.250 U-4, not yet on at nite, VAR, UPI/MRN, Occ to Del. at SSS, usual to Il. at SSS, F/C 3rd Thursday w/ dial tone gets out well; best bet for midwest and northeast. SSS to NW Fl.

950 WKH Hattiesburg 5 D, C&W, MRN/Ae, once to NW Fl. at SSS, rare to Il. at SSS.

960 WABG Greenwood 1/.5 U-2, C&W, MRN, very rare to Il. nites, SSS + occ nites to NW Fl.

980 WABF McComb 5 D, VAR., MRN, irreg to NW Fl. at SSS.

990 WABO Waynesboro 1 D, VAR, MRN/A1/UPI, very rare to Il. at SSS.

- 1000 WXTN Lexington 5 D, MRN, rare to Il. at SSS, irreg to NW Fl .  
 1010 WMOX Meridian 10/1 U-4, C&W, occ to Il. at SSS, has been hrd in NW; possible to  
 to NW thru XEHL, K&EG.  
 1050 WACR Columbus . D, T40, rare to Il. at SSS.  
 1110 WKRA Holly Springs 1 D, C&W, fairly reg. to Il. at SSS during auroral conditions.  
 1130 WGUF Gulfport .5 D, APR, C&W, days to NW Fl.  
 1190 WXGR Bay St. Louis 5 D, C&W, (ex-WPUP) days to MW Fl., fairly reg. to Il. at SSS,  
 rarer to NE Ill.  
 1240 WCGM Gulfport 1/.250, MOR, Ai, irreg. to NW Fl. at SSS.  
 1250 WHNY McComb 5/1 U-2, Pop, rare at SSS to Ill.  
 1260 WNSL has been granted WQIS, Laurel 5 D, T40, SSS to NW Fl., rare to Il. at SSS.  
 1260 WGVN Greenville 5 D, C&W, M/MRN, SSS to NW Fl., rare to Il. at SSS.  
 1270 WLSM Louisville 5 D, rare to Il. at SSS u/WHBF.  
 1290 WBLE Batesville 1 D, very rare to Il. at SSS.  
 1290 WTYL Tylestown ( I seem to recognize this name from somewhere...) 1 D, MOR,  
 once to NW Fl. at SSS. SAM have you hrd them??  
 1300 WKYX Jackson (ex- WRBG) 5/1 u-1, believe format is Black, irreg to NW Fl at SSS.  
 1320 WRWJ Picayune 5 D, C&W, SSS to NW Fl.  
 1330 WFTO Fulton 2.5 D , C&W, once to Il. at SSS.  
 1330 WJFR ( has applied for WNIX) Greenville 1/.5 U-2, G, SSS to NW Fl., once tentative  
 to NE Ill.  
 1330 WJDQ Meridian 5 D, Rok, M/MRN, SSS to NW Fl.  
 1390 WROA Gulfport-Biloxi 5 U-4, T40, N, rare to Il at SSS, day + nite to NW Fl.  
 1390 WTNK Meridian 5 D, Black, MBN, rare to Il. at SSS.  
 1420 WIGG Wiggins ( where else!!) 1 D, VAR., once to NW Fl. at SSS.  
 1440 WRBE Lucedale 5D, C&W, reg. SSS to NW Fl., once to Il. on ET.  
 1490 WLOX Biloxi 1/.25 , Rock, MRN, SSS + occ nites to NW Fl.  
 1500 WBFN Quitman 1 D, pop/C&W, MRN, once to NW Fl. at SSS, once to Il. on ET.  
 1510 WKFO Prentiss 1 D, tentative to Il. at SSS.  
 1530 WRPM Poplarville 10 D , C&W, UPI, irreg. to NW Fl. at SSS.  
 1540 WSWG Greenwood 1 D, Pop, rare at SSS to Ill.  
 1550 WOKJ Jackson 50/10 U-4, Black/gospel, occ/rare to De. late nite, days and nites to  
 NW Fl., occ to central Il. at SSS and late nite, reg. to NE Il. late nite after CBE s/off  
 at 0100, used to be reg. to Wash., now difficult w/ KGAR, KRGO/KQWB NSP, still possible  
 to Wash., was reg. to BG, now KGAR NSP kills it. Was reg. w/KKHI off, evenings w/KKHI  
 nulled, IDs seldom nites, gives # 866-2292, best bet for MS.  
 1550 WSAO Senatobia .5 D, has applied for move to 1140 5 D, Var., MRN, fairly reg. to  
 Il. at SSS.  
 1570 WHII Bay Springs 1 D, Var., Ai, rare to Il. at SSS, F/C hrd in NE Il. occ.  
 1570 WONA Winona 1 D, C&W, MRN, rare to Il. at SSS.  
 1580 WAMY Amory 5 D, pop/C&W, M/MRN, occ. to Il. at SSS.  
 1580 WESY Leland 1 D, Black, MB/MRN, occ. to Il. at SSS. F/C hrd NE Il. occ.  
 1580 WORV Hattiesburg 1 D, Black, MB, occ. to Il. at SSS.  
 1580 WFMP Pascagoula-Moss Point 5 D-3, MOR/ soft rock, days to NW Fl.  
 1590 WGCL Jackson (ex- WYIG Y-16) 5/1 U-2, Mod. C&W, reg. to Il. at SSS, evenings,  
 reg. to NE Il. nites, SSS to NW Fl.  
 1600 WKDL Clarksdale 1 D, MOR, Ae/Ai, rare to Il. at SSS.

References to Il. are central Il. unless otherwise noted.  
 MRN is Miss. Radio Network.  
 occ. is occasionally; irreg. is irregular; other abbreviations are from NRC Log.

This column brought to you by

Robert McKinney	Clinton, Ill.	
Gerry Thomas	Pensacola, Flor.	
Nick Hall-Patch	Victoria, B.C.	
Bruce Portzer	Seattle, Wa.	(ye editor too!) ...not BP again
Michael Jeziorski	Brookfield, Ill.	but me...
Allen Luckey	New Castle, Del.	

Thanks for your help. Next Deadline HAS BEEN MOVED BACK TO DEC. 22; State is W. Virginia.  
 State for Jan. is N. J. ; deadline Jan. 14. Send in your contribution today.

Late report from Paul Mount..

- WAMY 1580 hrd reg. in Ohio at SSS.  
 WOKJ 1550 best MM, fair in Oh., weak in NJ.  
 WGCL 1590 often hrd in Ohio at SSS.  
 1580 WESY occ to Oh. at SSS; also mentions Ark. at s/off; address/ programs to Greenville.  
 WGPC 940 SRS to Ohio.  
 WORV 1580 F/C hrd once in NJ.

Hope this helps you hear Miss./increase your Miss. totals. See you soon with West  
 Virginia. Good DX and ??

**DX****Worldwide**

ELLIOT STRAUS

Editor

All times GMT/UTC

Deadline Tuesdays

Box 168 Red Bank, N.J. 07701 201-736-1681, M-F 18-2200  
Wed. 10-2200

A very small column this week, even DXing myself all week I've got nothing of interest to report. Did hear my best ever domestic tho, 1530 40 watt LPRT from Que. (see ECDXR). Hoping for a good TA week coming up as the sunspot cycle comes around again, we'll see. On to it.....

TRANS-ATLANTIC DX ROUNDUP (All from Mark Connelly, unless noted)

- 567 IRELAND Tullamore 0137 Nov 01, poor in heavy WMCA slop; anc in EE, then YL pop vocal.
- 585 SPAIN Madrid 0142 Nov 01, fair w/disco-rock inst.
- 594 UNID 0141 Nov 01, carrier in WEEI slop.
- 612 MOROCCO/UNID (Eng. or Ireland) 0132 Nov 01, Sebaa-Aioun w/AA chants o/Muzak stn. slow SAH- lost at times to WIP slop.
- 612 MOROCCO Sebaa-Aioun 2220 Nov 05, at monster level on car rx. at shore, obliterating 610; AA YL chant & drums.
- 648 ENGLAND Daventry BBC 2321 Nov 01, poor in slop w/pop mx.
- 719 PORTUGAL Norte 2215 Nov 01, xlnt w/OM in PP.
- 720 t TUNISIA Sfax 2216 Nov 01, suspected w/AA mx, o/u WGN; LA skip not present.
- 738 SPAIN Barcelona 0129 Nov 01, poor-fair w/SS vocal rock mx, badly sloped by Dixieland jazz on CBL.
- 756 PORTUGAL Lisboa 2217 Nov 01, loud on car rx. w/piano & violin mx. pushing adjacents WHEB & WJR aside.
- 756 UNID 0124 Nov 01, prob. W.Germany- fair-good w/'America' from W. Side Story, then into bad fade before ID. Portugal supposed to go off at 0100, so DLF is suspected here.
- 774 SPAIN Caceres 0040 Nov 01, xlnt w/SS & EE pops. (Stanbury-Ont.)
- +0125 Nov 01, fair w/pop mx. (Connelly-Ma.)
- 782 PORTUGAL Porto/Miramar 0127 Nov 01, fair (stronger than 783 but audio level low); OM vocal.
- 783 E.GERMANY Burg 0126 Nov 01, fair w/bouncy Alpine-type vocal mx.
- 855 SPAIN Murcia 0152 Nov 01, poor-fair w/rock mx in heavy slop.
- 864 FRANCE Paris 2159 Oct 31, good on car rx at shore, o/CBH het & WHDH slop; YL in FF.
- 927 UNID 2219 Nov 01, potent het.
- 1017 W.GERMANY Mainz-Wolfsheim 0216 Nov 01, likely here w/cl. mx.
- 1061 PORTUGAL Norte 2220 Nov 01, destroying KYW on car rx. cl. mx. loud. (Mark, I hope you're not driving while listening to all this-- it would be hard to explain to the cop after an accident-hi.)
- 1161 UNID poss. France, 0207 Nov 01, folk inst. mx; somewhat AA influenced.
- 1395 ALBANIA Lushnje 2310 Nov 01, fair w/OM/YL in FF.
- 1467 MONACO Monte Carlo 2225 Nov 01, loud w/choral singing; also EE OM vocal w/relig. song done in pop MoR style.
- 1521 SAUDI ARABIA Doha 2316 Nov 01, probably w/AA mx. at low audio level on fat carrier, pestering WKBW.
- 1566 t TUNISIA Sfax 0425 Nov 01, seemed to have Muslim chanting but just too much splatter to be certain. (Stanbury-Ont.)
- 1593 W.GERMANY Langenberg 0035 Nov 01, noted for the first time this season. (Stanbury-Ont.)

PAN-AMERICAN DX ROUNDUP

- 640 GUATEMALA Guat. City TGW 1108-15 Oct 23, Guat. flute mx, poor at SRS w/no KFI or Cuban. (Wolfish-Ont.)
- 655 EL SALVADOR San Salvador YSS 1100 Nov 03, great sig. w/'R.Nacional de El Salvador' apparently just after s/on. (Portzer-Wa.)
- 660 MEXICO XERPМ 0530 Nov 04, OM w/shouting ID as 'La Voz de la Gran Ciudad'. (Wall-Ca.)
- +0629 Oct 28, w/'Sels Sesenta' ID, EZL mx. (Toebe-Nev.)
- 662.2 UNID 1057 Nov 03, anthem & SS talk, then faded. noted again w/OM & YL in SS @ 1104. Another off-freq. Cuban or something more exotic? (Portzer-Wa.)

- 675 COSTA RICA San José 0833 Nov 03, fair w/ID & lively mx in KNBR splash. (Portzer-Wa.)
- 680 UNID 0601-20 Oct 30, SS OM talk u/KNBR, faint sig. (Toebe-Nev.)
- 720 COLOMBIA HJAN Emisoras Unidas 0455 Oct 27, full ID by OM, LA mx foll. by SS talk. WGN QRM. (Wolfish-Ont.)
- 725 SURINAM Paramaribo SRS 0237 Oct 27, fair-good w/DD talk & Elton John mx. (Wolfish-Ont.)
- 810 t BAHAMAS Freeport ZNS3 0015-0110 Nov 05, gospel mx pgm. w/OM in EE, no ID's, also 0600 w/Neil Diamond song, CMJE interference. (Wolfish-Ont.) (probably was ZNS3 Neil, in the times I've heard them, ID's were few and far between-ed.)
- 810 CUBA CMJE R.Progreso 0600-22 Nov 05, SS talk & orch. mx, //880. (Wolfish-Ont.)
- 1000 COLOMBIA HJAR 1245 Nov 05, SS romantic ballads, frequent Colom. ments. (Wall-Ca.)
- 1005 COLOMBIA Neiva HJJR 0909 Nov 05, booming in despite presence of KOMO-1000 OC. (Portzer-Wa.)
- 1035 HAITI 4VEH 0155 Nov 04, w/relig. mx, gone shortly after 0200. Previous s/off was @ 0015 so has extended schedule on this freq. (Stanbury-Ont.)
- 1620a CUBA?? Beacon -.----. noted here several times. The last two letters are of course TK: the first character is either two A's run together (but I have never heard of a four letter beacon identifier) or a letter of the Russian alphabet. Another Soviet beacon in Cuba? (Stanbury-Ont.)

#### TRANS-PACIFIC DX ROUNDUP

- 531 JAPAN Morioka JOQG 1316 Nov 01, OM in JJ, weak. (Portzer-Wa.)
- 558 S.KOREA Pohang KBS 1403 Nov 01, fair w/OM in KK. sounded //603 but not 100% sure. (Portzer-Wa.)
- 576 SOVIET UNION Khabarovsk 1415 Nov 01, good-nil w/choral mx, // 448kHz. (Portzer-Wa.)
- +1030-1230 Nov 05, weak @ 1030 which became stronger until quite readable @ 1230. @ 1229:30 played a kind of off-key Midnight in Moscow chime. (Peterson-Ca.)
- 585 CHINA PRC 1234 Nov 05, mx & talk. (Jackson-Ca.)
- 585 SOVIET UNION Svobodny 1418 Nov 01, good u/piano mx & CC ID. (Portzer-Wa.)
- 603 S.KOREA Seoul HLSA 1403 Nov 01, OM in KK // or similar to that on 558. (Portzer-Wa.)
- 648 SOVIET UNION Iman 1035 Nov 05, talk in CC, strong on peaks. @ 1059 had the march mx I've heard on R.Moscow outlets before. Kremlin Bells @ 1059:45. (Peterson-Ca.)
- 657 N.KOREA Kangnam? (these locations seem to change w/every WRTH) R.Pyongyang finally moved to new plan freq. Heard w/usual 4-pip TS @ 1000 Nov 01. good sig. (Peterson-Ca.)
- +1300 Nov 05. poor. (Jackson-Ca.)
- +1348-58 Nov 03, OM/YL talks in oriental lang., orch. mx., faded out just before hour. Matches accounts of Pnyongyang-655 in FL#7. faint, noise. (Toebe-Nev.)
- 657 UNID 1026 Nov 03, bass notes & vocals for what sounded like rock mx vaguely reminiscent of mid-60's tune 'Gloria'. (Portzer-Wa.)
- 666 SOVIET UNION Komsomolsk 1056 Nov 03, massive signal w/choral mx. (Portzer-Wa.)
- 690 HAWAII Honolulu KKUA 0937 Nov 03, good w/rock mx. XETRA off or on reduced power. (Portzer-Wa.)
- 693 JAPAN Tokyo JOAB 1320 Nov 01, fair w/JJ talk by OM. (Portzer-Wa.)
- 738 SOCIETY ISLDS Papeete 0627 Nov 05, YL operatic vocal, weak. //11825/15170, putting fierce het on KCBS. (Portzer-Wa.)
- 747 t JAPAN Sapporo JOIB 1343-48 Nov 03, weak sig., some noise, slight KCBS slop, talk in what sounded like JJ by OM, no ID. loud het on KXL-750 after it signed on. (Toebe-Nev.)
- +1400 Nov 04, strong w/EE. (Jackson-Ca.)
- 750 ALASKA Anchorage KFQD 0640 Nov 01, booming in w/Pop mx. (Portzer)
- 765 UNID 1328 Nov 01, noisy carrier, good. (Portzer-Wa.)
- 774 JAPAN Akita JOUB 1405 Nov 04, strong w/EE talk. (Jackson-Ca.)
- 855 CHINA PRC Lhasa & 90 other // 's. 1140 Nov 01, finally some northern TP's. fair sig. (Peterson-Ca.)
- 864 S.KOREA Yanggu/Gangneung, HLSY/HLKR 1100 Nov 01, KBS w/usual 4 pips on hour. (Peterson-Ca.)

- 864 UNID 1002 Nov 01, YL in JJ. 3 JJ commercial stns. listed here.  
(Portzer-Wa.)
- 874 N.KOREA 1355 Nov 01, very good w/usual OM harangue in KK, hetting  
JOLB-873. (Portzer-Wa.)
- 882 JAPAN Shizoulea JOPK 1400 Nov 01, fair w/NHK pips. (Portzer-Wa.)
- 891 JAPAN Sendai JOHK 0950 Nov 04, OM in JJ to 1000 pips, fair sig.  
not much WLS. (Wall-Ca.)
- 1008 UNID 0807 Nov 05, het looping TP, noted later w/what sounded like  
U.S. inst. mx.MoR. Japan? (Portzer-Wa.)
- 1017 JAPAN Fukuoka JOLB 1014 Nov 03, JJ talk o/weak unid. (Portzer-Wa.)
- 1035 CHINA PRC 58 // 's 1130 Nov 01, w/cl. mx and CC talk later.  
(Peterson-Ca.)
- 1035 JAPAN NHK signature melody & OM in JJ //747, 1340 Nov 01, mixing  
w/China. Lost in KTWO-1030 slop 1341. 3 lkw.'ers listed, making  
this one of my better TP catches. (Portzer-Wa.)
- 1071 UNID 1343 Nov 01, het here, also 0931 Nov 03. (Portzer-Wa.)
- 1116 t CHINA various // 's 1050 Nov 05, probably the one w/opera-cl. type  
singing similar to 1035. (Peterson-Ca.)
- 1143 PHILIPPINES Poro 1130 Nov 04, strong in unid lang. (Jackson-Ca.)
- 1143 S.KOREA Jeju KBS 1038 Nov 03, assumed the one w/KK talk booming  
thru 1140/1150 slop, then bits of CC, as the part of a CC lesson.  
bits of JJ surfaced @ 1041. (Portzer-Wa.)
- 1206 CHINA Yanji 1008 Nov 03, fair w/OM/YL in KK. (Portzer-Wa.)
- 1278 UNID 0929 Nov 03, het thru heavy slop. (Portzer-Wa.)
- 1413 UNID 1046 Nov 03, carrier w/some audio trying to get thru CFUN-  
1410 slop. (Portzer-Wa.)
- 1566 S.KOREA Jeju HLDA 1006 Nov 03, massive signal w/pompous mx.  
(Portzer-Wa.)  
+1035-1105 Nov 05, FEBC w/EE. (Jackson-Ca.)

Now that we have somw new reporters it's time to review reporting procedures  
Some dont's: sending items on the back of a postcard, not putting name after  
each item, leaving out dates. It would help if TA,PA,TP items were seperated  
by category and listed by freq. but it's not a must. I must insist on no  
post cards tho because they tend to get slopped up by cancelling machines.  
Also if you don't put your name after each item I must take the time to  
do it. All the regular reporters know these things and adhere to them  
very well. Thanks.-ERS

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DESDE LA CUNA DE LA BANDERA

**LT2 Radio Splendid  
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## U.S. DELEGATION MAKES PROGRESS ON AM EXPANSION AT WARC

According to a report in Broadcasting Nov. 5, 1979 (used by permission) the U.S. has made some progress in its proposals to expand the am band above its current limit of 1605 kHz. Although the world Administrative Radio Conference has not yet reached its conclusion, there apparently is considerable support for a proposal to extend the band up to 1705 kHz. If this proposal is indeed adopted, a future conference will determine how it will be allocated. The 1605-1705 kHz band would have to be shared with four other services--fixed, mobile, aeronautical, and radio navigation. U.S. hopes of another band from 1705 kHz to 1860 kHz, to be used exclusively for broadcasting do not appear to be so popular and the 1705 limit is probably the upper reach on which the delegates can agree. Support also exists for a plan to add a channel at the low end of the band, at 530 kHz. This channel would have to be shared with aeronautical navigation and stations would have to be limited to 1 kw day and 250 watts night, as on the existing class IV or graveyard channels. When final word is available it will be reported in Special Features. DX-ing the new channels will be something to look forward to; it will be the first time in many years that the band has been expanded. Anyone out there care to share with us some memories of first DX experiences on the then-new channels above 1500? Let me know, it would be timely. --IRCA Special Features editor Matthew Shugart

MORE ON WARC... (Info from Broadcasting, Nov. 12, 1979)

Sentiment in Geneva is that this WARC, the first since 1959, may be the last of its kind. Why? Its tremendous size is making it difficult to efficiently perform its function, the review of virtually every phase of international radio regulation. In the future, specialized conferences may be held to deal with specific areas. Oh, by the way, just how big is the WARC?? There are 1800 delegates!!! (That represents a sizable, if temporary, increase in the population of Geneva and should be a boost to the Swiss economy!--MfS.

## NO SUPERPOWER

After some 15 years in the "pending" status, the applications of eight class I-A stations for power of 500 - 750 kw have been returned as unacceptable. An FCC spokesman, however, cautioned against assuming that this meant the Commission was leaning towards breaking down the clear channels. (Broadcasting, Oct. 8, 1979.) Of course, breaking down the clears is usually considered the alternative to superpower, as the FCC has repeatedly said that the current allocation of those channels is inefficient. But that was before the prospect of new channels was seen as viable. Just how many new stations could be accommodated through the expanded band or 9 kHz? The Daytime Broadcasters Association's proposal stated that the 14 new channels created by a 9 kHz plan could accommodate a total of 2,352 new stations. This would mean that each of the new channels would be a graveyard channel, with an average of 168 stations per new channel. Of course, the DBA advanced such a proposal as a way to convert virtually all the existing daytimers to fulltime status. The FCC proposal to extend the band to 1860 kHz envisioned 14 new channels as well, but to accommodate about 700 stations. The average works out to 50 per channel, so apparently the FCC's thinking was that other classes of stations besides class IV could be included among the new stations. The proposal which appears most likely to be accepted at WARC would allow only 11 new channels, one at 530 kHz (which as proposed could accommodate well over 100 stations) and 10 above the current band (or perhaps fewer, depending on how the band is shared with the other services; see above article.) A 9 kHz proposal--which will be discussed at the upcoming Region II conference--on the expanded band would potentially then allow for nearly 3,000--or more--new stations. Don't go too far away... one of these days we're going to have a long column on the new allocations; but when?? Who knows at this point?

## BEST BETS

I'm interested in continuing the Best Bets series if anyone else is. I need to know if anyone would like to coordinate a column in one of the geographical areas not yet covered by the series.

## ATTENTION MEMBERS WHO WORK AT RADIO STATIONS!

I'm looking for an article on powerful border radio stations which appeared recently (I don't know just when) in Broadcast Programming and Productions. I am told this magazine is distributed to all stations and only to stations, so could someone please offer to look this up and get a copy of the article to me. Thanks and 73's... Matthew.

# Broadcasting in Bermuda

by Charles A. Taylor

Bermuda has three mediumwave broadcast stations: ZFB1, 960 kHz; ZBM1, 1230 kHz; and ZBM2, 1340 kHz; all 1 kw. AFB1 is owned by the Capital Broadcasting Company, and ZBM1 and 2 are owned by the Bermuda Broadcasting Company. Of the three, ZFB1 is the newest, opening on 16 August 1962 on 910 kHz, moving to 960 kHz in September of that year.

The ZFB AM/FM and TV studios are located on North Shore Road near the Barker's Hill Road/Palmetto Road roundabout. The TV and FM transmitter site is on the Ocean View Golf Course in Devonshire parish, about two-fifths of a mile from the ZFB studios, and linked to them via microwave. The ZFB1(AM) transmitter site is on Ireland Island (south), about  $\frac{1}{2}$  mile up Pender Road from Cut Bridge, and is linked to the ZFB studios by UHF-FM studio-transmitter link. The ZFB1 radiator tower is only 50 feet in height, and is limited to that by government esthetic regulations. Because of the short tower and limited ground system, the ZFB1 signal is noticeably weaker toward the east end (St. George's and the US Naval Air Station) than are the ZBM signals.

The ZBM AM/FM and TV studios are situated upon Fort Hill, Devonshire parish, near the Fort Hill Road and Middle Road junction, and only about a mile south of the ZFB AM/FM and TV. ZBM1 (1230 kHz) and ZBM2 (1340 kHz) are diplexed into a 100-foot tower atop Fort Hill, and adjacent to the studios. The FM and TV radiators are mounted on another, 150-foot, tower also atop Fort Hill. Due to the diplexing arrangement, ZBM1 and 2 generate mixing beats at 1120 and 1450 KHz. These are, however, well suppressed.

Bermuda is ethnically  $\frac{3}{5}$  a black nation, so a major portion of radio programming is directed to the blacks. Nearly all ZFB1's programming is black-oriented, as is over one-half of ZBM2's programming. Soul music from the U.S. is quite popular, naturally, but so is calypso and reggae since Bermuda — despite its geographic remoteness from the former British West Indies — is ethnically a Caribbean nation. Rock is the other top-seller, with ZBM-FM (89.1 MHz) devoting 100% of its 24-hour schedule to automated Drake rock. ZBM2's rock offering tends to rock of the 1950's and 60's. ZFB-FM is 100% easy listening, 24-hour automated format. U.S. Country/Western is broadcast most of Saturday afternoon on ZBM1.

Both ZBM-FM and ZFB-FM broadcast 100% stereo.

A Portugese population of Azorean origin is numerically several thousand strong. For this ethnic group, ZBM1 offers 3 and  $\frac{3}{4}$  hours of Portugese-language programming per week, and ZFB1 offers 2 $\frac{1}{2}$  hours per week. This Azorean dialect is quite at variance with standard Luso(Portugal) Portugese.

Most radio announcers in Bermuda use a basically U.S./Canadian English, while others use a British English. ZBM1 appears to be the only local source of British English. The indigenous English appears to be closer to U.S./Canadian. The Black English is Caribbean, not North American. Note that the letter Z is "Zed" here.

Both ZBM1 and ZBM2 broadcast relays of BBC's Radio Newsreel, as well as the annual Cricket Tests from the BBC.

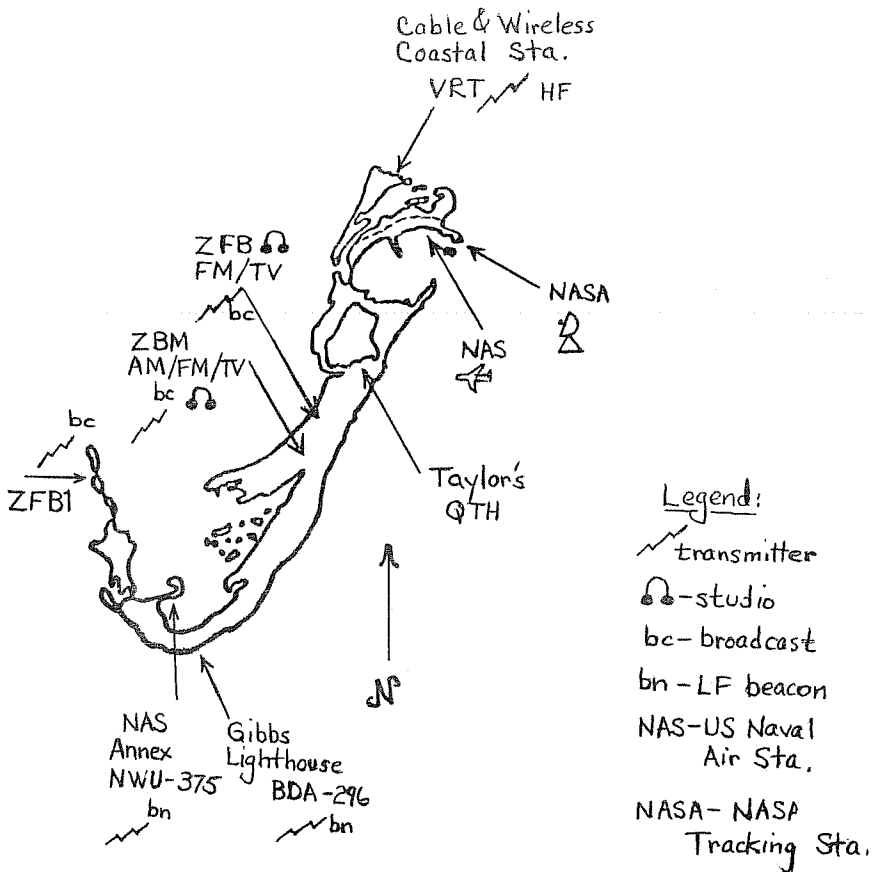
Bermuda has an exceedingly hilly terrain, which, combined with a thin soil cover over limestone and coral, makes Bermuda's effective ground conductivity one of the lowest in the world. Consequently, except in the immediate vicinity of station radiator towers, signal intensities are marginal and weak pockets of signal are numerous. At my current location, only 2- $\frac{3}{4}$  miles from ZBM1 and 2's radiator, I can null both stations easily with a Space Magnet. Despite this, all three stations radiate sufficient skywave to make reception in North America potentially easy. When, in the 1960s, ZBM1 operated on 1235 kHz, it was readily audible in Indianapolis, Indiana (and occasionally in California. bp). Likewise, ZFB1 was easily logged and taped, and subsequently verified, in November of 1967 during one of WBRC's then-extant silent periods on 960 kHz.

A pirate AFRTS station is reported to have operated in the middle 1970s from the U.S. Naval Air Station Annex, in Southampton parish. Official sources say that Bermuda's Telecommunications Department will not authorize an AFRTS station to be operated here.

At the present time ZFB1 (960) and ZBM2 (1340) are operating on a 24 hour schedule, both in parallel with their respective FMs. The Drake-rock format is heard on ZBM2 at this time, with the ID: "Serving the islands of Bermuda, this is ZBM-89 and ZBM2, 1340." It is fitting to note that ZBM-FM (89.1) has been heard twice by casual DXers back in Indianapolis.

ZFB1's all-night schedule is a somewhat sporadic thing, and in any event ZFB1 appears to be silent every Sunday morning. That an all-night schedule has any economic value at all is doubtful to be; Bermuda has nearly no nightlife. ABM1(1230) habitually leaves its carrier on after signoff. Although not energy-conservative, this keeps the transmitter free of condensation induced by Bermuda's high relative humidity. This is likely a factor in consideration of ZBM2's and ZFB1's all-night schedule.

The three mediumwave stations maintain good technical and programming standards, better than those of most British-associated Caribbean country broadcasting services. ZBM1 and 2's second harmonics are inaudible here, and ZFB1's second harmonic is weak. None of the three have been observed to vary in frequency more than 5 Hz from exact center. Distortion of modulation is likewise quite low, usually inaudible.



**BERMUDA**

*Donnie Taylor*  
 10/9/79

# A New Era of TP DXing

by Bruce Portzer

On November 23, 1978, most of the medium wave stations in Asia and the South Pacific moved from a 10 kilohertz spacing, like we have in North America, to a nine kilohertz spacing. The end result was that these trans-Pacific signals, for the most part, no longer occupy the same interference-laden frequencies occupied by domestic stations.

Listening for these stations hasn't been the same since. Despite mostly mediocre conditions and a high sunspot count during the past year, west coast DXers have heard some exciting DX. Stations once difficult to receive are now heard regularly. Countries, such as Papua New Guinea, Thailand, and the Marshall Islands, once difficult or impossible to hear in North America, have now been heard by many DXers. And the possibilities of hearing Mongolia, Singapore, and even India are being contemplated or discussed by more than one DXer.

As if it wasn't obvious, all previous articles on transpacific DXing are now obsolete. This article will bring the broadcast band DXing community up to date on the topic. The next few pages will focus on how to hear Asian and "Down Under" stations and will list the "best bets" for several countries. Information contained herein is based mainly on DX Worldwide tips from the past year, supplemented by references like the World Radio-TV Handbook and the Pacific Log.

## YOUR LOCATION AND EQUIPMENT

If you live within a couple hundred miles of the Pacific Ocean you should be able to hear Hawaii or Japan on even an unmodified good-quality portable, such as a Realistic TRF or a GE Superradio. A communications receiver, such as an HQ-150/180, modified FRG-7, or R-390, and a loop antenna is needed to hear the "really good stuff": Thailand, 2000 watt Australians, Philippines, and splits 1-2 kHz away from domestics. In between, the many Chinese, Korean, Australian, Russian, Zedder, and Pacific Island stations, might be possible on portable radios or table radios, but most likely you'll need to use a communications receiver.

Eastward to the Rocky mountains, Asian and Down Under stations can be heard with reasonably good signals. They aren't heard as well as near the coast but they're there. For example, Bill Harms heard Japan-702 last winter in Provo, Utah, on a clock radio with a wedge antenna.

Reception becomes more difficult east of the Rockies. Some Asian stations will undoubtedly be heard in the midwest some day, but possibly not until the sunspot cycle bottoms out. I would rate the most likely targets for midwest DXers as HLDA-1566 and JOIB-747, followed by JOUB-774, China-1044, and JOBB-828. Down under stations are rarely heard in the eastern half of the U.S., but a few made it as far east as Michigan last season. Most likely candidates (in no particular order) include Tahiti-738, A3Z-1017, VSZ1-846, 3LO-774, 1YA-756, 2YC-657, 1YC-882, 2NA-1512, and perhaps others. Some of these stations were heard as far east as Boston in the mid-sixties, when domestic channels were less cluttered, so it should still be possible to hear them in the eastern U.S. and Canada. However, it will take good equipment, a good location, patience, time, skill, and lots of luck, not necessarily in that order.

## WHEN TO LISTEN

Asian signals are best heard between September and December. Reception drops off noticeably during January and February, makes a brief resurgence in March, and then drops to nearly nothing until the following autumn. Reception is generally best when the A-index has been under 10 for several days. However, good Asian openings have been experienced with the A-index around 20 and the ionosphere in a "disturbed" state. Likewise, Asian signals can be absent from the dial even after several days of low solar activity and quiet conditions.

Signals from the far east usually do not start fading in until after 0800 UTC, although JOIB-747 has been noted in Seattle as early as 0615. Even then, reception of these stations doesn't peak until later.

Down Under stations can be heard in North America during any month of the year. However, reception is best during the months of September, October, March, and April. In other words, near the spring and autumn equinoxes. Stations in Hawaii and other Pacific Island "countries" are heard more frequently than Australian and New Zealand stations. It is not uncommon for Hawaiians to fade in around 0500 UTC, followed by stations in the South Pacific around 0700 or so. New Zealanders, when in, aren't normally heard until after 0800 or 0900. Australians follow an hour or so later. Reception of Down Under stations does not seem to correlate with A-index values or other indicators of high-latitude reception.

### IDENTIFYING STATIONS

It can sometimes be difficult to identify a signal arriving from across the Pacific, especially if its programming is not in English. There are, however, several generally acceptable methods of identifying trans-Pacific stations:

- Station identification, either by the name of the network or the call letters of the station. IDs given by English language stations are obvious, but call letters and network names are aired by NHK stations (Japan) at various times, and by Korean stations. If you know what to listen for you can even pick out IDs in Chinese on Chinese and Russian stations.
- Time pips. These consist of 3 to 6 pips or tones aired at the top of the hour by many government networks. An excellent article and listing of time pips appears in Foreign Log #6 (it's also available as a reprint). Some sets of pips are very similar to one another and can confuse even the veteran TP DXer. For example, Japan's NHK, South Korea's KBS, and some North Korean stations all carry three short and one longer and higher pips on the hour. There are subtle differences between the three sets of pips which can make it difficult to fully identify a station.
- Theme music. The NHK airs a short piece of music from time to time, usually at 20 minutes before or after the hour, which is familiar to most experienced TP DXers. The Voice of America on 1143 kHz and 1575 kHz uses "Yankee Doodle". Russian stations play "midnight in Moscow" chimes in some instances.
- Parallel programming. You can often identify a station based on its being parallel to an identified station, either on medium wave or shortwave. You usually need two receivers to do this properly, though....

Note that it is usually not a good idea to identify a station based only on the language it is broadcasting in. Some stations carry foreign language programs on a regular basis. The NHK Second Network has English and Chinese lessons. China, Russia, and the Koreans carry foreign service programs in various languages, and so on. Besides that, if a signal is coming in weakly it may be difficult to determine the language being broadcast.

### BEST BETS

The following is a listing of the "best bets" for reception in western North America. This information is combined from DX Worldwide tips from the past year, various references, and my own speculations.

ALASKA. America's 49th state is the most difficult for most DXers to hear. If you live in the Pacific Northwest, KFQD-750 should put in a good signal many nights of the year. KFAR-660, KNOM-780 (on Sundays with KCRL off), KDLG-670 (on Mondays with KBOI off), or (cough cough) Adak-890, are all reasonable runners-up. DXers in California can also hear Alaska, but with more difficulty than Northwest DXers. DXers anywhere else in North America have already discovered that Alaska is difficult or impossible to hear.

AUSTRALIA. The higher powered ABC stations are the easiest to hear. The easiest of all is probably 3LO-774, provided you can get past KCRL and KOB. The next easiest, in no particular order, are 2BL-702, 2NR-738, 4QS-747, 5AN-891, or 2NA-1512. In some cases, stations will be easier to receive on Sunday or Monday mornings with adjacent channel domestics off the air. Commercial stations with 2 or 5 kw output are not difficult to hear on a Beverage antenna and communications receiver in a rural setting next to the beach. They can even occasionally be heard in urban areas farther inland. As of this writing, Australian stations only seem to come in as far east as Denver. Reception seems to be much better in the Northwest than in mid or southern California, for some odd reason. Most Australians seem to be good verifiers. Some commercial stations send out very attractive QSL cards.

BRUNEI. As the saying goes, "rotsa ruck". 594 kHz with 200 kw is a definite possibility for North American listeners.

CHINA. The outlet on 1044 kHz near Shanghai is the most frequently heard Chinese station. Note that this is a foreign service outlet in Japanese. Yanji-1206 is often heard with Korean programs. Many other Chinese stations have been reported during the past year, including those on 756, 855, 882, 1035, 1053, 1116, and other frequencies. Chinese stations can be identified by 5 low and one high pips on the hour. On the half hour it is sometimes possible to catch a "Zhongyang renmin guangpo dientai" ID (it's pronounced just like it's spelled, hi). China has apparently changed its verification policy recently; several DXers have received home service veries on medium and short waves recently. As a final note, many Chinese programs are aired on shortwave as well as medium wave. There are a number of local and regional stations, as well as four or five national programs. Two such networks, Beijing 1 and Beijing 2, are carried on many shortwave and medium wave frequencies. I've found 6665 and 7770 kHz, respectively, as good frequencies to use when checking parallel programming.

FIJI. The Radio Fiji outlets on 711, 639, and 891 kHz are sometimes heard, depending on how well you can get past the domestics 1 kHz away. 891 is the easiest to hear and seems to carry 100% Hindi programming. 711 seems to parallel it, while 639 has been in English whenever I've heard it. Fiji seems to be a difficult country to extract a verification from.

GILBERT ISLANDS. Tarawa on 846 kHz was heard east of the Mississippi many times when it was on 844. It's not reported as often now that it's on 846, even by west coast DXers, but it's still a good one to listen for. The Gilbert Islands recently changed their name to Kiribata or Kinabati or something similar; conflicting spellings have been reported.

HAWAII. Our fiftieth state can be heard east of the Mississippi, believe it or not. It's been done many a time, although usually with great difficulty. The state is also well-received on the west coast. KORL-650 is by far the easiest, but KGU-760, KIKI-830, KAIM-870, KPOI-1040, and maybe even KKUA-690 (during rare XTRA silent periods) are heard well on the west coast and occasionally drift further inland. Verifications for most Hawaiian stations can be obtained from Alan Roycroft, Broadcast Services, 2877 Kalalaua Avenue, Honolulu, 96815.

INDONESIA. This country hasn't been heard in North America since the big change took effect. The outlets on 855, 864, and 1134 kHz were heard in North America before November 1978 and might still make it through, if the co-channel stations cooperate.

JAPAN. This is by far the easiest Asian country. JOIB-747 is audible on nights when no other Asians can be heard. Other high powered NHK stations, such as JOUB-774, JOBB-828, JOGB-873, JOAB-693, and JOLB-1017 are also often heard here. NHK has two networks, NHK1 and NHK2. The NHK1 stations are rather difficult to hear; JOHK-891 is probably the easiest to receive. The aforementioned high powered outlets are all NHK2 stations. Since all the stations on a particular network operate in parallel, the high powered stations can often be used to identify many others. NHK2 seems to run several hours of English lessons and programs during their evenings, so it's possible to confuse them with co-channel Australian and New Zealand stations. In addition to these stations, there are about 150 commercial stations in Japan, ranging in power from 1 to 100 kw. Some of them are relatively easy to hear, including JOAR-1053, JOOR-1179, JOLF-1242, and maybe others. It's rather difficult to extract an ID from them, but if you get a good enough signal you can send a taped reception report. Many Japanese commercial stations send extremely attractive QSL cards.

Korea, Democratic Peoples Republic of (aka N. Korea). This country only recently changed to the nine kilohertz spacing. The 657 kHz outlet is the easiest to hear but 819 kHz is a not-too-distant second. North Koreans are not usually difficult to recognize, the announcers usually sound like they're yelling at someone.

Korea, Republic of (aka S. Korea). Several outlets are being well received on this side of the Pacific. Missionary station HLDA-1566 puts in an excellent signal many mornings with Korean and Japanese religious programs. The government owned KBS has stations on 558, 603, 972, and 1143 which are being heard by many DXers. And some privately-owned commercial stations can be received, such as HLCQ-756.

MALAYSIA. Sabah-1475 seems to have ignored the new plan by staying on its

old frequency. This station seems to be heard best during the spring.

MARSHALL ISLANDS. WSZO-1098 on Majuro was heard by several DXers last season. Reception usually requires a KFAX-1100 silent period.

MONGOLIA. There is reportedly a new station on 882 kHz. It has yet to be officially identified by anyone in North America and program information is a bit sketchy at the moment. It is believed to carry some relays of Radio Moscow's Mongolian service, however.

NEW CALEDONIA. Noumea-666 is worth watching for when Australia and New Zealand are in well.

NEW ZEALAND. Several good "target" stations are heard often in North America. 1YA-756, 1YZ-819, 2YC-657, 1YC-882, 12D-1008, 2ZB-1026, 3ZB-1035, and 4ZB-1044 are often received on this side of the big pond. These stations are all operated by Radio New Zealand, which operates three or four networks of stations operating in parallel. Consult the WRTH or the Pacific Log for details. R. New Zealand stations are generally excellent verifiers, sending a card and sometimes a letter.

PAPUA NEW GUINEA. The 864 kHz outlet, although using only 2 kw, was heard by more than one DXer during the past year.

PHILIPPINES. VOA-1143 has been reported a couple times recently. Be careful about identifying it, however, as it can be confused with Japanese or Korean stations on the same frequency. The safest way to ID it is to wait for it to play "Yankee Doodle". DWAD-1098 was heard in North America last season, and DYLA-1555 and DXRS-1196 were heard before the new plan went into effect. It is not known whether the last two stations moved to the new frequency plan or not. There are several high powered stations that bear looking for: DZAS-702, DPI-1-738, DWRV-846, DXXX-1008, DPI2-1287, and DZOR-1458. They haven't been heard here yet, but all have 50 kw or more power.

PHOENIX ISLANDS. WXLE-1385 on Canton Island gets out extremely well for 250 watts. This station may actually be on 1386 or it may switch back and forth - reports are conflicting at the moment. This station is scheduled to be dismantled soon, so if you haven't heard it yet, hop to it....

SINGAPORE. The 792 kHz outlet is being pursued by many DXers without success. With a possible increase to 500 kw it certainly is a feasible target which would add a new country to many a DX log.

SOLOMON ISLANDS. VQO-1026 can be heard on many a "down under" night. There is also reportedly an outlet on 945 kHz which bears watching for.

TAHITI. (Also known as Society Islands) Papeete-738 puts a het on KCBS most evenings outside KCBS' primary coverage area. Audio is more difficult to come by. The best way to identify the station is to tune to 11825 or 15170 kHz and wait for parallel audio to surface. This station signs off at 0730 weekdays, 0900 Saturday nights/Sunday mornings. Conveniently enough, KCBS just moved their silent period to Sundays beginning at 0800 UTC, making the 0800-0900 SM period the best time to try for them.

THAILAND. The Voice of Free Asia on 1575 has been heard recently. This station relays the programs of R. Thailand and the Voice of America (mostly the latter).

VIETNAM. It would not surprise me if this country was heard in North America eventually. The outlet on 1010 kHz was heard frequently in Europe before the new plan went into effect. If it moved to 1008 it's worth looking for, if you can get past New Zealand and Japan.

SOVIET UNION. The most frequently heard outlet is the foreign service transmitter on 648 kHz, which broadcasts a variety of Chinese, Korean, and Japanese programs. The home service outlet on 783 at Spassk Dalny can be heard at times. A new foreign service transmitter has been heard on 720 kHz with English programs. The foreign service transmitter on 585 is also worth watching for as is the home service (Mayak) station in Khabarovsk on 576 kHz. The Soviet Union seems to have some peculiar ideas about verifications; it's rumored that they only verify reports written in the language that the program was in.

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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