

# DX MONITOR

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THE INTERNATIONAL RADIO CLUB OF AMERICA

VOLUME 15 NO. 18 WHOLE NO. 469 JANUARY 21, 1978

## DX CALENDAR DX CALENDAR DX CALENDAR

Mon. 1-23-78 0200-0230 KVRA-1570 Vermillion SD 1 kw  
 Mon. 1-23-78 0230-0300 KAHL-1410 No. Platte NE 5 kw  
 Mon. 1-23-78 0400-0430 WJAR--920 Providence RI 5 kw  
 Thu. 1-26-78 0010-0040 WLBZ--620 Bangor ME 5 kw  
 also 0530-0600  
 Mon. 1-30-78 0400-0500 KXXR-1440 Spokane WA 5 kw  
 Mon. 1-30-78 0430-0500 WKEM-1490 Immokalee FL 1 kw  
 Mon. 2-13-78 0315-0430 KAST-1370 Astoria OR 1 kw  
 Mon. 2-20-78 0300-0400 KOMW--680 Omak WA 5 kw  
 Mon. 2-20-78 0400-0500 KBZY-1490 Salem OR 1 kw  
 Mon. 3--6-78 0330-0430 KROW-1460 Dallas OR 5 kw  
 Mon. 3-20-78 0330-0730 KIRO--710 Seattle WA 50 kw  
 Every Sun. 0200-0330 WCNW-1560 Fairfield OH 5 kw

KVRA-1570(5000-D) v/s Doyle Ritter, Mgr.; Rt. 3, Box 79, Vermillion, SD 57069. Simulcast of KVRP-FM, rock music with Test IDs. Arranged by Zank for NRC  
 KAHL-1410(5000-500U) 1000 Hz tone, IDs every 5 minutes. Prepaid calls accepted (308)532-1120. Report to Nelson Danl, GM, PO Box 248, North Platte, NE, 69101. Arranged by Roland Lindblade for NRC.  
 WJAR-920 (5000-U) TT, odd music and many code IDs. Reports to Craig Healy, Radio Engineer, WJAR, 176 Weybosset St., Providence RI. Arr: Craig Healy.  
 WLBZ-620 (5000-U) Loud mx, marches etc. + stn info. The 12/22 test was delayed by a ball game until 0045 so the CE offered this resked. Rpts to Howie Soule, K10Z, CE, WLBZ, 861 Broadway, Bangor, ME 04401. Arranged by Stephen Francis for NRC.  
 KXXR-1440(5000-D) Tones, code & voice IDs, sound effects music. Test is pre-recorded, thus no calls accepted. 5kw ND pattern. v/s Edward F. Kelley, KXXR, 933 W. 3d Ave., Spokane, WA 99204. Arranged by M. Bolland, for GWDXA.  
 WKEM-1490(1000-U) cycle tone, voice ID's plus some band music. Will use 1 kw daytime xmtr. Prepaid calls accepted. Announcing & v/s is Stephen Kennedy, Box 520 Immokalee, FL 33934. Arranged by Ernie Cooper for NRC.  
 KAST-1370 (1000-U) Tones, IDs, mentions of GWDXA. Prepaid calls accepted at 503/325-2911. 1kw ND pattern. v/s Robert Chopping, GM, KAST, Box 445, Astoria, OR, 97103. Arr: Pete Nolan, GWDXA.  
 KOMW-680 (5000-D) Tones, code & voice IDs, also possible mentions of the various DX clubs & DXers. Prepaid calls accepted at 509/826-0100. 5kw ND pattern. v/s Jerry Robinson, CE, KOMW, Box 151, Omak, WA 98841. Mr. Robinson is very interested in any tapes or overseas reports. Arr: P. Ronald Estremera, GWDXA.  
 KBZY-1490(1000/250-U) Tones & voice IDs, mentions of DX testing & GWDXA. Prepaid calls accepted, number to follow. 1kw ND pattern. v/s Mr Edwin L. Olmstead, CE, KBZY, Box 14900, Salem, OR 97309. Arr: Eddie Ryan, GWDXA.  
 KROW-1460 (5000-D) Tones & voice IDs. Prepaid calls to 503/623-5769. 5kw ND pattern. v/s Mr. Edwin L. Olmstead, CE/GM, KROW, Box 229, Dallas, OR 97338. Arranged by Eddie Ryan, GWDXA.  
 KIRO-710 (5000-U) Full blown POP; tones & IDs. Information re: calls is: Cannot be accepted at KIRO but calls can be made to GWDXA HQ 206/524-9310 to be relayed to the station later. Will use 50 kw ND + partial proof on 10kw ND standby beginning at approx. 0700. v/s David Hubert, CE, KIRO, 3d & Broad Sts, Seattle, WA 98121. Arr: Eddie Ryan, GWDXA.  
 WCNW-1560 (5000-D) Tests w/both directional and ND antennas. Prepaid calls will be accepted at 513/374-5000. Rpts by letter with return postage only, to Dan Sites, CE, WCNW, Love Park, 8686 Michael Lane, Fairfield, OH 45014. Arr: Russ Edmunds NRC.

## \*\*\* NEW MEMBERS \*\*\* from Rich Segalas

Greg Poole, 1730 Belcher Circle, Austell, GA 30001  
 Anthony Pace, 325-B Lakeshore Rd. E., Mississauga, Ontario, CANADA L5G 1H3  
 Richard C. Mayhew, Apt 9, 3660 Durocher St., Montreal, Quebec, CANADA H2X 2E8 (rejoin)  
 Marley N. McKerahan, 422 N. Taylor, Pittsburgh, PA 15212 (rejoin)  
 Charles E. Hill, Jr., 4101 Harrison St., Bellaire, OH 43906  
 Steven O. Davis, 235 11th Ave West, Huntington, WV 25701  
 Ed Satterthwaite, 3181 Mackall Way, Palo Alto, CA 94306

### RENEWALS AS OF 17 JANUARY 1978

Brian Cartwright, Denzil Baker, Karl Forth, Jay Florian, Scott Anderson, Michael Endza, Phil Bytheway, Tim Benko, James S. Hill Gary Siegel, Paull A. Green, Douglas Feldman, Ted Wilson, Paul Mount, Louis Poda, Howard Schafer, Charles Hrinko, Robert Fischer, Weldon Childers, Rob Gerardl, Alan Merriman

### ADDRESS CHANGES

Tom Jasinski, 503 Jensen, Shorewood, IL 60436  
 Bill Harms, 1120 Elm, Provo, UT 84601  
 Robert E. Fischer, Box 80801, Fairbanks, AK 99708

Don't forget the Ground Hog Gathering on February 4, 1978 at the home of Bruce and Evelyn Portzer at 6546 19th NE, Seattle, WASH. from noon until whenever. Bruce says there will be lots of talk and lots of munchies. Call Bruce prepaid at (206) 522-2521 if you plan to attend.

Phil informs me that he is back in Seattle again for six weeks and will be getting to the reprint orders first off. He has also said that he must assemble some more New Member Packets before he can send those out. He will get to those as soon as he can get all the replacement pages put together. (It's kinda hard when I can only send a few pages of the frequency check list to him at a time.

Present plans call for me to go to Seattle the weekend of the Ground Hog Gathering with the USF Basketball Team and to Los Angeles for the weekend that SCADS is on for two games down there.

## kmbz radio

4935 BELLINDER ROAD SHAWNEE MISSION, KANSAS 66205

## 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

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Three reporters for this week's column show that there's a 'lot cooking' on the domestic scene in Eastern DX-land. Don Davis-GA comes up with his first Wisconsin station ever, see WYTL-1490. Don also takes tips from the West Coasters and comes up with WMEE on 1380. Denis Beauregard-QUEBEC did a little holiday season DX'ing and he picked up 17 new stations. David Nelson-NC comes up with a Louisiana daytimer at sign-off on 1600.

\*\*\*\*\*

- 560 CFOS ON, Owen Sound 12/24 1630 MoR, Good w/Unid station. (DB-PQ)
- 580 WIBW KS, Topeka 1/3 0207 Good sig thru WDBO. Cuban was not noted. Had to wade thru an hour of "Nitecap" pgm to get reportable info. Wierd pgm w/ads for all kinds of garbage. Reminded me of XERF. (DD-GA)
- 590 WEEL MA, Boston, 12/24 1645 "WEEL News Radio". Good. Hrd as W-A-E-I. (DB-PQ) (ed: that's a Boston accent for you)
- 610 CKTB ON, St. Catharines 12/24 1700 Good w/nx & CKML. (DB-PQ)
- WTVN OH, Columbus 12/27 0025 Light pop-mx "TVN-Radio", o/u/WIP. (DB-PQ)
- 670 WMAQ IL, Chicago 12/26 0340 Not on the air, but back at 0350. (DB-PQ)
- 750 WSB GA, Atlanta 12/26 0335 Not on the air. (DB-PQ)
- 770 WABC NY, New York 12/26 0330 Not on the air, back at 0405, But 0350-0405 another stn w/Xmas mx-non-stop. (DB-PQ) (ed: wonder who, KOB?)
- 810 CJVA NE, Caraquet 12/23 1830 Pop mx, rare IDs, 1855 has nx, then wx 1900 w/MoR (DB-PQ)
- WGY NY, Schenectady 12/26 Not on the air 0345. (DB-PQ)
- 850 WJW OH, Cleveland 12/17 0000 Weak w/CKVL/WHDH, is CBS if CBS is not a 4th stn on 850. (DB-PQ)
- 900 CHML ON, Hamilton 12/27 0100 ID as CHML-CKDS in Southern Ontario. Good. (DB-PQ) CKDS is FM.
- CKVD PQ, Val d'Or 12/27 0135 w/CHML/CKTS FP&EE MoR mx. Seems the one w/SRC Nx at 0100 (SRC is CBC-FF). ID as "Vous écoutez R. Nord, la radio de l'Abitibi Témiscamingue" (My 9th on 900) (DB-PQ)
- WEAS GA, Savannah 1/2 1742 W/black gospel mx w/Lester White. S/off 1744. Some QRM from WMOP. (DN-NC)
- 950 KXJK AR, Forrest City 12/31 1753 Nx at 1750 (vy odd time), ad for New Years Party, s/off @ 1759 w/SSB. Hrd 5 or 6 times, but finally nailed down w/WGOV surprisingly weak. (DD-GA)
- 970 WEBR NY, Buffalo 12/25 1730 "WEBR News R." Then Xmas mx (What else this day?) Also "Radio 970". (DB-PQ)
- 1000 WYOK GA, Soperton 1/1 1743 Caught s/off w/ heavy WVOV-WQTY-WGFL QRM. Mentioned owner as "Center Broadcasting Co." (DN-NC)
- 1030 \*WBZ\* MA, Boston 12/26 0410 OC (DB-PQ)
- 1080 WEEP PA, Pittsburgh 1/1 1705 Fair-moderate sig on this usually active freq. Nat'l PSMs, request for info for "public file". After the 1st of the year, as license renewal time comes, everyone scrambles to get their "public file" filled up with nice things to show the FCC. (DD-GA)
- WFIW FL, Kissimmee 1/1 1736 Often heard & much wanted, finally in w/beautiful sig o/WTIC. Rlgs msg & s/off @ 1741 w/hymn lasting until 1745. (DD-GA)
- 1110 WTIS FL, Tampa 12/25 1657 Booming S-9+ sig well over WBT. Rlgs BC from a fundamentalist church of some sort. Local nx @ 1659, hung. (?) language Xmas BC at 1700. (DD-GA)
- 1120 WUST DC, Washington 12/25 1619 Good signal w/KMOX looped. Gospel mx & rlgs msg. Ad for Ford Div. @ 1631. Finally faded out at 1640. (DD-GA)

- 1140 WBZY PA, Newcastle 12/23 1635 Good w/sport nx then Pop mx. (DB-PQ)
- 1210 \*WCAU\* PA, Philadelphia 12/26 0415 OC, ID at 0415, back on the air at 0430, just when I was to ID an LA. (DB-PQ)
- ???? UNID, 12/23 1650 Pop u/WCAU lost at 1700. (DB-PQ) (ed: probably same stn I heard on 12/28 & reported as UNID in last EDXR I suspect WKNX in MI)
- 1220 WCMQ FL, MIAMI 12/31 1728 S/off msg in SS w/mucho DJ patter foll'd by very short s/off msg in EE. Good sig from this 250w. station thru several others. (DD-GA)
- WQSA FL, Sarasota 12/31 1723 Local nx pgm of 1977 highlights, foll'd by regular nx pgm. Good stn IDs but precious little for a report. Will try anyhow. Fair sig w/heavy fades. (DD-GA)
- 1230 WFOM GA, Marietta 1/1 1250 Finally got enuf to log this much wanted Atlanta area stn. Had to wade thru 2 hours of static tho. Rock mx & many local ads. (ed: and at nmontime, too!) (DD-GA)
- WJBC IL, Bloomington 12/26 0130 While waiting for audio to surface from WJOB test, I heard a beautiful ID roll'd by jazz mx. No other info logged, however (DD-GA)
- 1240 WIST NC, Charlotte 12/27 0200 Fighting w/WROV and fading in & out w/a couple of other rock stns. Had to listen for an hour and  $\frac{1}{2}$  to get enuf log info. I must be losing my mind trying to DX G-Y freqs! (DD-GA)
- WROV VA, Roanoke 12/26 0235 Fighting it out w/WIST-NC w/rock mx. Has become a regular pest here. (DD-GA)
- 1280 CJJD ON, Hamilton 12/24 Received fair many times w/WADO/CJMS. Here CJMS is not like a local at only 40 mi. from Mtl, about 45 mi. from xmtr, not local at night naturally. (DB-PQ)
- 1320 WKPQ PA, Pittsburgh 12/25 0100 W/phone and Q-13, good w/others 0105: s/off hrd w/ US Hymn, but I couldn't say if it was this one or another. (DB-PQ)
- 1330 WJPS IN, Evansville 12/26 0025 Was here looking for WTRX & WHBL, per tips fm Karl Jeter's EDXR, and found this one at a fair level. Rlgs pgm "SCAN", s/off msg @ 0055 w/SSB. (DD-GA)
- 1340 WKGW TN, Knoxville 12/28 0248 Surprisingly clear for a few brief seconds off & on during PSMs, IDs, ads, etc. Nothing else noted on the freq. (DD-GA)
- WXEE WV, Welch 12/30 1704 Rose above GY QRM at 1704 for "WXEE Wx". Temp. 34 in Welch. (DN-NC)
- 1380 WMEE IN, Fort Wayne 1/1 0103 All right, you West Coasters! I've been watching everyone out there hearing this stn. My turn! (Hi) Fair sig w/heavy fades thru WAOK & WLCY. "Opus 77" pgm or '77 rock mx (syndicated pgm, I think) and frequent ads for audio shop.
- 1390 \*WEAM\* VA, Arlington 1/2 0141 Fading in & out w/WVOM, WFBL, WROA & another unid rock stn. ET w/SIDs, anncmnts, Rock mx & old soul mx. Nice sig when on top. (DD-GA)
- WFBL NY, Syracuse 1/2 0059 Fading in & out w/WVOM, WROA, WEAM & another unid rock stn. Very confusing. CBS nx, talk pgm & several CBS pgms. (DD-GA)
- WVOM IL, Chicago 1/2 0105 In dogfight as above w/nice jazz pgm. Ancr's name was "G. Rodney Jones" & "Excellence in Music" was pgm name. Only one tentative ad. (DD-GA)
- 1430 WIL MO, St. Louis 1/1 0144 Good sig thru WIRE w/PSM from MO. State Patrol, wx cw mx & sports. (DD-GA)
- WNJR NJ, Newark 12/26 1510 Pop mx. (DB-PQ) (ed: fairly regular here in VT)
- WWEL MA, Medford 12/26 1510 Sounds like Ukrainian or other Slavic, w/rlgs songs, 1530 ID. (DB-PQ)
- 1440 WHIS WV, Bluefield 12/27 0033 Many local ads w/much fading & WHHY-AL slop. Not a bad sig for 500 watts. (DD-GA)

1450 CHUC ON, Cobourg 12/27 2300-2310 Nx, ID, then sports. (DB-PQ)

1470 WMBD IL, Peoria 1/2 1759 Xlnt but heavy WVOL, WBIG, CHOW QRM w/nx, ID, then more nx. Disappeared 1803 due to pattern change. (DN-NC)

WOHO OH, Toledo 12/27 2150 ID, One ID'd out of many heard. (DB-PQ)

WVOL TN, Berry Hill 1/2 1755 W/PSA, nx, wx and mention of "The Mighty 147". (DN-NC)

1480 WMQM TN, Memphis 1/2 1806 Xlnt w/occasional bad QRM from WRDW-WHBC. ID at 1806 as "WMQM The Gospel Voice of Memphis & the Mid-South", then promo for "Evangelist Sebastian Smith from the Miracle Faith Temple". (DN-NC)

1490 WESL IL, East St. Louis 1/2 0417 Ad for Disco & heavy Black-Jive format, interesting tho. Real nice sig several times during 1/2 hour period. (DD-GA)

WMRN OH, Marion 1/1 0203 Briefly w/ment. of pgm at 7:55 tomorrow "on WMRN". (DN-NC)

WOMI KY, Owensboro 1/2 0243 AP nx, w/many T-40 type songs & IDs. Only 1 reportable PSM in 1 1/2 hrs of listening. (DD-GA)

WTUP MS, Tupelo 1/2 0309 Faded up briefly for 2 nice PSMs & ID, then into rock mx. Many IDs & mx heard throughout morning. This logged with loop pointed the wrong way! (DD-GA)

\*WYTL\* WI, Oshkosh 1/2 0338 This is my first Wisconsin station ever! And a more unlikely one doesn't exist! Fine sig w/test ID & brief tone & ID again at 0354. I had to call the station, and the CE was more surprised than I was! One of my better logs. (DD-GA)

1530 ???? UNID 12/23 1335 Poor, Airn & MoR. (ed: probably WDJZ Bridgeport, CT. They're putting a pretty good sig up our way)

1550 WNTN MA, Newton 12/26 1435 Greek/EE Many ads, ment of 935-2424, also many ment of Boston, then Greek mx. I've also hrd WUNR in Boston w/SS, so MA looks like Int'l!!! (DB-PQ)

WYOU FL, Tampa 1/1 1756 Had SS program, s/off at 1759. Beware as WRHC also has SS at this time. (DN-NC)

1560 KKA A SD, Aberdeen 12/28 0155 Usual good sig w/c&w, "KK-double A" (DB-PQ)

\*WQXR\* NY, New York 12/27 0215 OC (DB-PQ)

WVAK IN, Paoli 1/2 0607 Fair-good w/heavy WQXR-WDXR QRM w/spot, ment of "10 above zero in Paoli", brief sports & into gospel mx. Must have been on PSA power, anyone know what it is? (DN-NC)

1590 WYIG MS, Jackson 1/1 1811 Good w/spots & into "16 minutes of uninterrupted rock mx". (DN-NC)

1600 KLEB LA, Golden Meadow 1/1 1824 Weak on s/off. Only heard mention of 1000 w. and call letters. Fighting heavy QRM (WFRG-WINX etc.) (DN-NC)

1630a WFAT NY, New York PIRATE 1/1 0035-0123 tune out. Weak sig w/lots of QSB. Talk show w/occasional rr mx. Phone # was 212-830-9906. Many ID's such as "WFAT 1620 in New York". Lots of the calls were from DX'ers, including me. When I said where I was calling from, the guy said "Where?" Does anyone know their address? If so, I'd really like to know. (DN-NC)

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 ID'ING the UNIDS  
 920 ???? The UNID on 920 (see EDXR for Dec. 10, No. 463, Bernard Schulze-ON) can be CFLS-Lévis, PQ, ex-1240, which have Pop-mx (including EE) and FF ancr. They are on 920 since 8/26, as published in L'Onde (Review from one of Quebec's 2 DX Clubs.) (DB-PQ)

1050 ???? Re: Bill Townshend's UNID (see EDXR ror Dec. 24, No. 465) Bill Townshend-DC) You've got the pick of the litter on this one. The sunset-sunrise maps show a 1645 s/off region from the NE tip of NC to the top of MI (MS?) This leaves quite an area. WAUG is T-40, however. 12/4 being a Sun., everyone down here plugs gospel. We did have a bit of a warm spell during that period, but Bill should check w/the Nat'l Wx Svc, re: the forecast temps. (DD-GA)

1330 ???? (SGA-NY) (see EDXR for Oct. 29, No. 457) Nothing is found in FF on 1330, noting exceptions WEVD/WPOW. (DB-PQ) (ed: so it looks like no FF from Quebec on 1330, must be FF pgm from U.S.)

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 FROM THE DX CALENDAR  
 1230 WJOB IN, Hammond 12/26 0115 DX test almost not heard here. Three periods of 1 kHz tone were noted, but no audio. While waiting for J.Z. to come to the phone when I called, I heard a beautiful 3 minutes worth of audio. Am sending cassette. (DD-GA)

PER THE LIST  
 1280 WCFM KY, Cumberland 1/5 0100 Fine signal on T/c per the list. Three IDs (including phonetic) every minute, w/1kHz tone off at 0113. (DD-GA)

1500 WMTL KY, Leitchfield 1/2 0542 Xlnt w/TT ID at 0559 for "WMTL AM and FM". Only very slight WCLS QRM. (DN-NC)

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 REPORTERS THIS ISSUE  
 DN-PQ Denis Beauregard, 2425 Saint-Antoine, Lachine, Quebec H8S 1V9 DX-160 + longwire DX'ing at Notre-Dame-de-la-Merci, (40 mi. north of Montreal)

DD-GA Don Davis, 107 Oakdale Drive, Warner Robins, GA 31093 S-76 + counter & osc., ant - Fet loop.

DN-NC David Nelson, 1507 Lamont Court, Chapel Hill, N.C. 27514 covr? \*\*\*\*\*

Thanks to all three for the good reports.  
 /3 and good DX Bob Curtis

central dx  
 roundup  
 Richard C. Evans  
 P.O. Box 392  
 New Buffalo, Mich. 49117

DEADLINES: Tuesdays TIMES: Eastern Local

540\*KVIP\*CA\*Redding, 12/19 0300, noted w/religious programming and ID as KVIP FM. Good signal. Testing w/FM simulcast or what? (RFK)

550 WGR NY Buffalo, 12/19 0335-0351, poor-good signal, KFYR off, T40-rr promos GR 55, Wx, 0345, PSA if pregnant (sic), 0345+, in QRM KOY? ID hrd, new rpt sent. (HGC)

\*KSD\*MO\* St. Louis, 1/2 0308-0310 fair twice-KSD St. Louis testing-2 tones, then KSD St. Louis testing 1 tone. (HGC)

KTSA TX San Antonio, 1/2 0430 clearly u/KSD null w/WIND off. ID w/ments of San Antonio and Wx, lost when WIND TTD (TC)

WSAU WI Wausau, 1/2 0254-0320, poor-fair QRM WGR, promos U55, 1-rr, It's 2 o'clock at 55 WSAU Wausau on hour, then NBC Nx, AD Capitol on the Air (show) 0316, new rpt sent. (HGC)

560 WIND IL Chicago, s/off 1/9 0333 w/SSB. (rce) 12/19 0307-0309 good signal test announcement, resume regular pgm 0600, carrier on. 0605-0629 fair signal QRM KLZ, Wx 0605 group W stn, 0606 Morning meditation, DJ Chuck Bensen, AD Family Circle Mag 0624, new rpt sent. (HGC)

KWTO MO Springfield, 12/19 0630-0640, poor signal, QRM WIND, KLZ. Local Nx 0630 & Wx, DJ Jerry, 1-rr. new rpt sent. (HGC)

WIS SC Charleston, 12/6 1819, fair o/WIND, MoR, talk. (JC)

570 CJEM NB Edmundson, 12/26 0500 presumed the strong but fady O Canada hrd. (RK)

WNAX SD Yankton, C&W Mx & Wx 1115 1/2. Very poor w/QSB & slt QRM f/nulled WKYX(REM)



580 WGAC GA Augusta, 12/18 0459 in good w/ID, then CBS Nx while trying for a KMJ tape.(RK) Fair to excellent w/C&W, no spots, couple of PSA's, 0421-0455 gone, 1/4.

WCHS WV Charleston, 12/6, good, ad for //(rce) Shoney's and WCHS-TV, SID "WCHS, The Spirit of Charleston." (JC)

590 CKEY ONT Toronto, 1/2, 0423-0454, fair to good CKY-580 slop, MoR, AD Gold Shop 0427, AD Bowl-A-Rama 0431, ID 0432, then Wx, new rpt sent. (HGC)

KCSJ CO Pueblo, 12/24 1825, finally hrd w/ID by YL and MoR, fair signal. KCSJ is only 200 miles from here, but I'm in a nasty null. (RFK)

600 CFQC SASK Saskatoon, 1/2, 0335-0345 poor-fair QRM WMT rr AD Dirks 3 in 1 Shop 0335.

WMT IA Cedar Rapids, 1/2, 0346-0355, //(HGC) just fair signal, MoR, Hvy CFQC QRM, DJ ID 0347, then PSA JC's. (HGC)

610 WSGN AL Birmingham, 12/6, 1842, rock, Wx. (JC)

WDAF MO Kansas City, 1/2 0358-0422, good signal, promos 61 Country, Ad WDAF sponsored Willy Nelson Concert 0420, ID 0402, rpt sent. (HGC)

WTVN OH Columbus, 1/5 1527 w/savings ad, ID, C&W Mx, into ABC ent. Nx 1530, weak but steady. (TC)

\*KVNU\*UT\* Logan, 12/19 0355 w/code ID u/WDAF on test. (KDF) 12/19 fair in brief WDAF fade on DX, w/code ID. (RK)

620\*WLRZ\*ME\* Bangor, 12/22 0110 Tent. on DX test, w/what sounded like a CW ID. I have to play the tape back to see for sure. Test was run late because of BKB game, and was run on the night pattern, which made it rough. (RK)

640 WOI IA Ames, 12/27 1450-1500 w/commodity prices, ID at 1500 and classical Mx. Best sig ever for this daytimer. (TC)

730 WARB LA Covington, 12/19 1800 very weak with s/off. (RK)

740 CBX ABT Edmonton, 1/2 0140-0215 - for two years I've been trying for this one. I must be in their deepest null. (Yes--rce) A talk & Mx show with two OM until 0200. Then an anmt. for God Rush prog at 2030 MLT Mondays and CBC Nx. Wx for Banff, Edmonton, Red Deer and Jasper. Into just jazz prog. Bombing in like local until 0307 s/off. If I hadn't heard CBL s/off earlier, I would have been faked out by quality of signal.(PAL)

750 KMMJ NE Grand Island, 12/15 0809-0816 & 0821-0829, good signal, C&W, Wx 0812, Chicago grain futures 0815. 0824 school lunches, rpt sent. (HGS)

770 KOR NM Albuquerque, noted w/C&W Mx 0250 1/2 thru WABC OC. (PAL)

810 KBHB SD Sturgis, 12/27 1813 fair u/WGY w/spot for Rapid City Real Estate Dealer. (RK)

850 WYDE AL Birmingham, 1/9 0055-0100, good gospel Mx, fair to good. (rce)

860 WEVA VA Emporia, 12/23 0715 poor w/SSB, then s/on under CJBC. (RK)

WNOV WI Milwaukee, 1/3 1510-1515 w/ID, Wx, PSA+ rock or soul Mx. With only 250w. in hash of WIVS/WLS. (TC)

880 WCBS NY New York, 1/2 0136-0151. Signal faded in then out at 2 min intervals; xInt sig. when in. Splatter from WWL. QRM of equal strength from Radio Progreso in Cuba. (KLB)

WRFD OH Worthington, TC, spot f/Purina, & farm Nx 1238 1/2. Very poor w/WLS slop.(REM)

930 CKNS ONT Espanola, request Mx & spot for taxi in Espanola. Call sounded like CKNX. Poor w/much QSB o/weak QRM. 0030 1/1. Hrd before w/CBC prqm // CBM. (REM)

940 KIOA IA Des Moines, good w/rock 0300 12/19.(JC)

950\*KNFT\*NH\* Bayard, 12/20 0201 weak on DX, w/TT. Was them per call to stn. (RK)

WSPA SC Spartanburg, 12/8 2300, good w/KIMN nulled. CBS Mystery Theatre, PSA from the Capt. of the USS S.C., IDs as "Radio 95, WSPA, Spartanburg. (JC)

970 WERH AL Hamilton, 12/24 1741 poor thru WCFL slop w/s/off. (KDF)

990 WITZ IN Jasper, 12/18 1710 poor w/Wx, mucho WCFL slop. (RK)

1000 KOMO WA Seattle, 12/15 0327-0401 fair MoR, local Nx 0355 ABC-E 0400 Ad 0345, QRM KTOK,WCFL, rpt sent. (HGC)

1010 CBR ABT Calgary, 1/2 0305 w/s/off hrd O Canada plus GSQ. Have tried for weeks for positive ID. With CFRB/WINS stop freq, no luck, but don't see how it could be anything else. (TC)

\*KCHJ\*CA\* Delano, 1/1 0500, IDed on ET after long jazz cut, fair to good. (RFK)

1020 KTNQ CA Los Angeles, 12/15 0424-0457, fair QRM KDKA, promo 10Q, Overnight edition of 10Q Nx 0445, YL DJ, new here, rptd.(HGC)

WPEO IL Peoria, 1/3 1558-1602 w/heavy QRM from WCFL, spot for S&L, PSA, legal ID at 1601 followed by Nx. (TC)

KBCQ NM Roswell, 12/15 0738-0750, good signal KTNQ QRM, s/on Pres. Merl Trucker etc. FCC stats, freq IDs, New rpt sent.(HGC)

1030 KCTA TX Corpus Christi, 12/15 0715-0736, fair QRM KTWO & unIDed SS, Religion Father Mike till 0730 ID, Reaching out from the Gulf with 50,000 watts 1030 KCTA next Bible pm, New rpt sent. (HGC)

1050 CFYN ONT Sault Ste Marie, 12/17 1755 good with ID. (RK)

KBUF IA Garden City, 12/20 good w/Nx. (RK)

1060 KUPD AZ Tempe, 12/15 0540-0617, poor to fair signal (dual see WNOE),WNOE/CFCN QRM, Lou Jones rr, ID 0600, contest promo to win \$5000. 0611 local Nx 0542, new state & stn. rpt sent. (HGC)

KBGN ID Caldwell, 12/25 s/off 1917 following religious program, good signal after KAMA s/off 1900. (RFK)

WNOE?LA New Orleans, 12/15 0538-0618, poor, YL DJ rr, partial ID hrd 0558, new stn, rpt sent tentative, CKSB carrier on 0620. (HGC)

1070 KNX CA Los Angeles, 1/3 0415-0440 in and out thru usual 1070 mob. Sports at 0415, at 0420 w/ment. of Burbank, at 0440 w/"K-N-X radio Nxttime-1:40". KNX is always like pulling teeth. (TC)

1080 CKSA ABT Lloydminster, 12/15 0702-0714, KRLD nulled, QRM in SS? (why not--rce), local Nx & Wx 0702, C&W, ID 0710. New rpt sent. (HGC)

WTIC CO Hartford, 12/26 0446-0518, fair, Talk show till 0500 then Nx till 0517, then PSA Lung Assoc. 0452, Ad 0516, many WTIC Nxttime IDs, rpt sent. (HGC)

KWJJ OR Portland, 12/19 0232 in poor w/ID, both WTIC/KRLD off, although WTIC was occasionally testing. (RK)

???? ?? unid, 12/19 0210 fair-poor w/American R&R. Does XEYD play any American Mx?(RK)

1090 WBAL MD Baltimore, 1/2 2200 w/ID and NBC Nx with KAAV nowhere to be hrd, w/hash from WWWE. (TC) Noted with Nitcap Show, completely separable from KAAV on loop, 0228 1/11 while typing this column.(rce)

KBOZ MT Bozeman, 12/15 0641-1077, fair signal, MoR, Dennis Michaels, group of movie ads 0647, NBC Nx 0700, rpt sent. (HGC)

1110 CKSD ONT Sarnia, 12/17 0705 in surprisingly well o/KFAB/WBT w/Nx, then sports. (RK)

WWUN MI Mason, 12/22 0802 poor u/KFAB w/UPI Nx. 12/23 0800 good w/s/on, even w/KFAB.(RK)

\*12/21 0247-0329. Fair to completely unreadable on ET w/1000 cycle tones, extended periods of OC, & gospel Mx; longest ID ever hrd at 0250, but almost impossible to copy under WBT w/KFAB presumably the loud TTer in the foreground, very short ID at 0328; considerable QSB; stn called & CE mentioned testing their new 1000 watt transmitter; one of my better catches this season, rptd. (SAM)

WKRA MS Holly Springs, 11/27 1755-1800, strong, s/off 1800 w/promo for FM and ID. (JC)

WSFW NY Seneca Falls, 12/22 0715 Poor at s/on, this was 15 minutes early according to the sunrise map. (RK)

WJSM PA Martinsburg, 12/22 0730. Fair w/s/on just before WKFG wiped them out. (RK)

WNAR PA Norristown, 12/22 0715 poor w/call letters heard on s/on. (RK)

WZAM VA Norfolk, 12/19 0715 fair-poor w/s/on, no SSB. (RK)

1130 WKYB NC Benson, 12/24 0715 fair w/s/on, no SSB

WRRL WV Rainelle, 12/23 0732 good w/son, no SSB. (RK)

1150 CKX MAN Brandon, 12/29, 1810, surprise catch w/MoR, ID. (JC)

WJRD AL Tuscaloosa, 1/9 0111-0115, C&W Mx, Sloan was "Big D Country", also noted later at 0353. (rce)  
 CJRC ONT Ottawa, 12/31 1718-1721, fair to good w/contemp. Mx, spot for ski resort, IDs and FF talk. (PAL)  
 1170 CKGY ABT Red Deer, 12/30 1800, noted w/call ID and "KG Country" ID, then into Nx, rather weak & alone prior to KVOO fade-in. (RFX)  
 1190 KEX OR Portland, 1/2 0354 w/MoR Mx, fair signal. WOWO off, of course. (PAL) 1/9 0235, snuck brief ID or calls thru WOWO OC. (rce)  
 ???? ?? unid, 1/2, 1/3, 1/4, SSB, then s/on announcement. Only details hrd was mention of 500 watts of daytime power. S/on at 0800 all 3 days. 1/4 hrd Wx, temp -1, high forecast to be 18. Weak all 3 days w/u/WOWO. Vanishes right after s/on. Methinks KOKK. This unid is driving me crazy. Help! (JC)  
 (Sounds more like WHMT-Humboldt, Tenn. to me--rce)  
 1240 WARF AL Jasper, 12/26 0212-19. Surprisingly good, most of the time well o/GY QRM; RS (Top-40) format w/DJ mentioning being on the air later than usual, but giving no reason for this; hrd around here occasionally on 0100 s/off, with no verie after both phone call & rpt. 1250\*WQDE\*GA\*Albany, 12/28 0122-54. Good to/(SAM) fair on PoP w/various tones & periods of OC; one quick ID at 0153; some QSB o/u WDAE & other unid QRM; 1st hrd last season w/stn called & rptd at that time, no verie. (SAM)  
 1260 WNDE IN Indianapolis, finally hrd clear ID o/WIBV, 1905. (JC)  
 WGVM MS Greenville, 12/29 1800 fair, MS Nx, s/off 1800 w/promo for FM 101. (JC)  
 WNSL\*MS Laurel, 12/29, s/off at 1800 mixing w/WGVM. Promo for 100.3 FM makes me think this WNSL. Dixie was hrd after s/off annmnt but unsure if its from WGVM, WNSL, or other. Help. (JC)  
 1330 KFH KS Wichita, 12/20 1815, MoR, promo for Bing Crosby special on 12/23 2030. (JC)  
 1340 WHPI IL Herrin, 12/17 0657 fair o/mess w/ID. (RK)  
 1350 KTLQ OK Tahlequah, 12/17 1814 good w/end portion of s/off. (RK)  
 WGSW SC Greenwood, 12/26 0558-0601. Fair to unreadable on s/on w/DNR followed by the usual information; badly mixing w/WSMB & other unid QRM, but punching through w.enough readable copy for rpt; new around here. (SAM)  
 1360 WEBB MD Baltimore, 12/24 0600, good, severe WKYO QRM, w/s/on, no SSB. (RK)  
 WKYO MI Caro, 12/24 0600 good w/s/on, slightly better signal than WEBB. Mich#100. (RK)  
 WKOP NY Binghamton, 12/23 0620 fair w/ID. (RK)  
 WWOW OH Conneaut, 12/22 0601 fair w/SSB, then s/on. (RK)  
 WLCM SC Lancaster, 12/27 0600 good w/s/on. (RK)  
 WBLC TN Lenoir City, 12/24 0559 fair w/s/on, no SSB. (RK)  
 1370 KAWW AR Heber Springs, 12/29 1751 fair w/Wx. (RK)  
 WHEE VA Martinsville, 12/23 0600 fair w/SSB then s/on. (RK)  
 WEIF WV Moundsville, 12/31 1746 in w/C&W Mx, one ID "Country Radio--WEIF", then gone. (PAL)  
 1380 WRAQ NC Asheville, 12/21 0652 (ex-WKKE) hrd fair w/ID. (KDF)  
 WLRV VA Lebanon, 12/23 0600 w/end portion of s/on. (RK)  
 ???? ?? unid, East-West Shrine Ftbl game 1812, sounded like a network broadcast. Weak, then gone. 12/31. (JC)  
 1390 CHOO ONT Ajax, 12/31, 1815-1830, good w/C&W Mx, little talk or ads between records, ID as "CHOO Country" 1830. (JC)  
 WISK GA Americus, 12/19 0557 poor w/SSB and s/on thru WADA/WEAM. (KDF)  
 WVON IL Chicago, off again on 12/19. This time stayed off till 0708, did throw carrier on at 0630. (RK) Noted AN MM 1/9. (rce)  
 WJCD IN Seymour, 12/19 0600 in mess w/America the Beautiful & s/on, unn. (KDF)  
 KRFO MN Owatonna, 12.19 0645 fair through WVON OC w/s/on. This must have been an ET, since they legally couldn't sign on until 0700. (RK)  
 WTNK MS Meridian, good at 1745 w/s/off. S/off included ID, mention of NBN, and s/on at 0700 next morning. 12/20. (JC)  
 WADA NC Shelby, 12/19 0500 w/s/on, quickly smothered by WCSC. (KDF) 12/19 0509 good w/spot. (RK)  
 WEAM VA Arlington, 12/19 0556 popped in briefly w/ID. (RK)  
 WKLP WV Keyser, 12/19 0654 good w/Wx. (RK) 12/19 0600 ID & s/on poor just behind WJCD. (KDF)  
 1400\*KAOK\*LA\*Lake Charles, 12/26 0137-42. Quite good on what may be unlisted f/c w/750 cycle tone interrupted every 3 or 4 minutes by "KAOK" code IDs; most of the time well o/all GY QRM; hrd before on PoP w/very nice v/l rcvd in less than a week; will investigate this one further. (SAM)  
 1410 WUNI AL Mobile, 1/9 0015-0020, C&W, good, then lost to WING. (rce) (RK)  
 KKYR TX Marshall, 12/20 1807 fair w/local spot.  
 1420 WRCG GA Columbus, 0600 1/4, brief ID, then gone. (rce)  
 WIMS IN Michigan City, 0608 1/4, very brief SSB, then Jimmy Durante song "You've got to start each day with a song" at s/on. (rce)  
 1440 WHHH OH Warren, 12/23 2359 way on top w/EZL Mx, ID, Nx. (KDF)  
 1450\*WKEU\*GA\*Griffin, 1/10, tone noted 0123, quick ID 0124, on for PoP per phone call to stn, tones noted later on but never as strong. (rce)  
 WXVW IN Jeffersonville, 1/10 Herb Jepko Nitecap Show 0140-0210+, American Information Nx 0200, school closings 0158, good, dominant over several other stns including WKEU. (rce)  
 WMOH OH Hamilton, 1/10 fair 0118 w/school closings, soon lost, unable to rpt. (rce)  
 1460 KSO IA Des Moines, strong w/DJ taking requests, C&W at 0310. (JC)  
 1470 CHOW ONT Welland, 1/3 0315-0330 atop the channel. ID at 0318, seemingly on tape. Followed by C&W Mx. If they really are 500w nights, I've got a good catch. (TC) (I think they are 2500 watts night now--rce)  
 1500 WGEN IL Geneseo, 12/22 1730 good w/brief s/off "WGEN. Geneseo", then off. (RK)  
 \*WGFT\*OH\*Youngstown, 12/22 0315 good w/ET, soul. Mx, ID at 0328, some problem with WOPA slop. (RK)  
 1520 WXPQ GA Eatonton, 12/25 0730 fair w/s/on, no SSB. (RK)  
 \*WHIC\*KY\*Hardinsburg, 12/28 0154-0357. Very good to fair on ET w/various tones, long periods of OC, & MoR Mx; three IDs, all in last 30 minutes; w/antenna looped properly, completely dominating both KOMA/WKBW, most QRM coming from KMPL until 0200 s/off; stn called & GM mentioned testing out new equipment in preparation for going 1000D; new and reported. (SAM)  
 WRSL KY Stanford, 12/24 0730 fair w/s/on, no SSB. (RK)  
 WARR NC Warrenton, 12/25 0730 very poor with s/on. (RK)  
 WTGR SC Myrtle Beach, 12/25 0710 good with lengthy Wx rpt, then s/on 0715. (RK)  
 1530 KNBO TX New Boston, end of Nx by YL & into Mx mixing w/WCKY, then gone 0728 1/2  
 1540 KXEL IA Waterloo, 12/20 0020 noted w/ / (REM) very distorted audio between 1640-1650 kc. They must have really been putting out a signal to be hrd this far. (RK)  
 KLLC KS Parsons, fair briefly o/KXEL w/end of Nx mentioning call. Lost to KXEL before end of s/off. 1832 1/2, (REM)  
 WPTR NY Albany, 2/1 0548-0600, poor CFRW 1270 spur, rr, ID 0550 1540 WPTR, DJ Jeff ?, AD for HPC 0557, Nx 0555, local, KXEL s/on 0600, new here. (HGC)  
 WBTC OH Uhrichsville, 12/29 1656 good over KXEL/WLOI w/Nx, Wx and s/off at 1700. (RK)

1550 \*KQXI\*CO\* Arvadas, 12/28 0107 good w/60's Mx, ID on ET. (KDF)  
 WYNX GA Smyrna, fair to poor 1730 1/7 w/Ga. Network Nx, then into religious Mx, s/off 1745. (rce)  
 WOKI TN Oak Ridge, 12/16 1743 fair w/promo. This was well past their sunset. (RK)  
 KRGO UT Salt Lake City, 12/19 0533-0553, fair, C&W, Wx 0533, Ins as KARGO, 0539 Ad, then sung ID "One Double Five O Country KARGO" promos, new rpt. sent (HGC) (Hal, they went full-time a year or so ago--rce)

OUT OF ORDER

1500 WGEN IL Geneseo, 12/20 1727 much wanted hrd fair w/Wx and s/off. (KDF)  
 1560 KCJJ IA Iowa City, 12/22 0353 fair w/contest promos. (RK)  
 \*WTAI\*FL\* Eau Gallie-Melbourne, 12/27 0137-0243. Very good on ET w/various tones, extremely long periods of OC, & MoR Mx; one commercial-type ID at 0240; hrd around here frequently on both ETs & s/on w/minimal QRM from KCJJ/KKAA; nice v/l rcvd in about a week. (SAM)  
 1570 CKLQ MAN Brandon, 12/19 0200 very good w/Nx & C&W Mx, (KDF) 12/16 0124 good, severe XERF/CKLM QRM, w/C&W Mx. (RK) 12/19 0344, unusually good in XERF null w/ID and C&W. (RFK)  
 WHLP TN Centerville, 12/20 1729 fair with s/off. (RK)  
 1580 WAMY MS Amory, 1/4 1750-1756 weak w/mention of BKB on FM 95 (WAFM 95.3) f/by Elvis' "My Way", a real surprise. (TC) 1/7 s/off 1801 right after WFYY s/off. (rce)  
 WEYY AL Talladega, 1/7 1746-1800 s/off, C&W, spots, fair, some fading. (rce)  
 WCLS GA Columbus, 12/30, fair, finally hrd, 1915, rock Mx. (JC)  
 WJVA IN South Bend, fair w/ID at 0810 1/3. (JC)  
 \*WCRV\*NJ\* Washington, on late notice test, TT, ID 0031 1/5, fair to poor, unn. (rce)  
 KWED TX Seguin, 12/20, fair w/s/off at 1816, mention of FM at 105.3. (JC)  
 KRZI TX Waco, 12/29 0400 in and out w/KLOU w/Top 40, femme DJ. (KDF)  
 1590 WATM AL Atmore, 1/7 s/off 1817, w/Dixie, all alone. (rce)  
 KVGB KS Great Bend, 12/30 1908, good o/super pest WAKR, w/MoR, ads. (JC)  
 WWUN MS Jackson, 1/7 1807, 3 spots in 1 min., fair, soon lost. No sign of WAKR, usually dominant here. (rce)  
 \*KTIL\*OR\* Tillamook, 12/19 0402 fair, fighting WAKR, on DX, TT and weak voice IDs (RK) 12/19 0403-0430 w/tones only hrd, times confirmed by phone, too much WAKR for IDs on this test. (KDF) 12/19 0408-26 poor, WAKR etc. ORM, test intro followed by tones not enough for rpt due to WAKR. (HGC) (RK)  
 1600 KCGS AR Marshall, 12/17 1757 good w/local spot.  
 WGIV NC Charlotte, 12/19 0433 fair, o/n KATZ w/Wx, then promo mentioning gospel music. (RK)  
 KXVI TX McKinney-Plano, 12/16 1804 fair with spot. (RK)

PER THE LIST:

1st THU: WCPM-1580 KY T (rce)  
 KROF- 960 AL (rce)  
 2nd MON: WCAZ- 990 IL T (rce)  
 2nd TUE: WKEI-1450 IL T (rce)  
 2nd WED: WHUB-1400 TN T (rce)  
 WATM-1590 AL M (rce)  
 WAMI- 860 AL t (rce)

A TIP OF THE HAT THIS WEEK TO:

KLB - KEN L.A. BURGESS, 278 Third Avenue Northeast, Swift Current, Saskatchewan S9H 2G7  
 HGC - HAL CHRISTIANSON, 555 Community Row, Winnipeg, Manitoba R3R 1H6  
 JC - JOHN CLEMMER, 2937 West Gilbert, Peoria, Illinois 61604  
 TC - TIM CRONIN, 7500 West 111th Street, Worth, Illinois 60482  
 Welcome aboard, Tim. Report often please!  
 rce - RICHARD C. EVANS, P. O. Box 392, New Buffalo, Michigan 49117  
 KDF - KARL FORTH, 630 South Ardmore, Villa Park, Illinois 60181

RK - ROBERT KRAMER, 3406 West Pierce Street, Chicago, Illinois 60651  
 RFK - RALPH KEMPER, 297 - 27 3/8 Road, Grand Junction, Colorado 81501  
 PAL - PAUL A. LaFRENIERE, P. O. Box 606, Grand Marais, Minnesota 55604  
 REM - ROBERT MCKINNEY, RR 2, Clinton, Illinois 61727  
 SAM - SCOTT A. MENTZER, Route Three, Tylertown, Mississippi 39667

This has got to be the longest CDXR column I've ever typed. It took an hour just to paste it up, and the material had been semi-sorted before I started, hi. Next week, I'll probably be lucky to have 20 items, hi. Thanks to all who sent cards this year. I wasn't able to send out all I wanted to, due to excessive prolonged overtime at work. 73.

HANCY 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 11:30pm (PLT) nightly--prepaid calls only

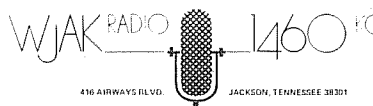
DEADLINES: Thurs. January 26, Thurs. February 2, Thurs. February 9, Thurs. February 16

REPORTERS FOR THIS ISSUE:

(HC) Herb Childs-1810 Euclid Ave. #22-Berkeley, CA Realistic TRF 94709  
 (JEC) James Critchett-1635 Walbridge St.-Red Bluff, Drake SPR-4, Sanserino loop CA 96080  
 (DG) Dan Gradin-27540 SE Chase-Gresham, OR 97030 Hallicrafters SX-42, FET altaz. loop  
 (NHP) Nick Hall-Patch-3272 Alder St.-Victoria, BC Transmogriified HRO, FET AA loop/V8X 1P2  
 (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA Lafayette HE-30, SM-1 98520  
 (WJH) Bill Harms-1120 Elm Ave.-Provo, UT 84601 Realistic Patrolman 9, TRF, internal ant.  
 (JDK) Jim Korn-77-A Miguel St.-San Francisco, CA Fisher 90-T AM-FM tuner, 94131 4' spiral loop  
 (LN) Lyndon Nerenberg-57 Great Oaks-Sherwood Park Panasonic clock radio AB TSA OVB  
 (RET) Randy Tomer-Box 2674-McKinleyville, CA 95521 PRG-7, SM-2

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550 KFYR ND, Bismarck 12/27 0526 weak w/QRM. Only readable about 50%. Contemporary. ID as "K-fire." (LN-AB)  
 570 KLAC CA, Los Angeles 1/5 0059-0100 nx, sports, ID. U/nulled KLUB. (WJH-UT)  
 630 CHED AB, Edmonton 1/9 0350 spot, & PSA for "Edmonton Volunteer Center," 0351 inst mx, 0354 DJ ment. "Chedd." Good; atop; no sign of either KIDO or CKOV! CKOV faded up later, but KIDO was off. (BH)  
 680 CJOB MB, Winnipeg 12/27 0550 fair to good after CHFA s/off. First MB stn this season. (LN-AB)  
 900 CKBI SK, Prince Albert 12/27 in weak u/unID QRM. MOR mx & wx. (LN-AB)  
 920 KXLY WA, Spokane 1/7 0058-0102 sports, ID "Sports Radio 92", ments of Cougar (WSU) basketball, Sonics, and local high school scores. O/KORK. (WJH-UT)  
 960 KAYK UT, Provo in good w/Utah nx, ID 1853 1/6. (RET-CA)  
 960 CFAC AB, Calgary on top of frequency 1820 12/21 w/Calgary traffic report, "Calgary time" TC, Canadian sports report. (RET-CA)  
 980 KINS CA, Eureka 1/2 1830 w/ID o/KFWB. (DG-OR)  
 1000 WCFL IL, Chicago I used GLT in report last week, s/on should have read 0600. (JDK-CA)  
 1040 WHO IA, Des Moines 12/27 0143 very weak w/C&W mx. Really had to dig, even though QRM nulled. (LN-AB)  
 1050 KWSO CA, Wasco noted at 1920 12/26 w/relig., ments of Wasco & Bakersfield. (RET-CA)  
 1060 KBGN ID, Caldwell ID 1029 12/22 at end of religious program, through nearby KPAY. (JEC-CA)  
 1110 KRLA CA, Pasadena 1/5 0100 "A new year's resolution: keep informed on KRLA." Fair signal, no KBND in aurora, but CHQT in a bit for some reason. (NHP-EC)



1110 ?CHQT? AB, Edmonton 12/24 1530 spot for Edmon-  
ton Center, Edmonton area McDonalds,  
Celsius temps, MST TC. Everything but  
the call letters. Playing EZL, so almost  
certainly CHQT. Neck and neck w/KBND,  
fading but good at peaks. Wonder if its  
50 kw CP is on? (NHP-BC)

1130 KSDO CA, San Diego 1/5 0015 w/phone-in show.  
ID o/KRDU. NO KWXX!!! (DG-OR)

1130 KRDU CA, Dinuba 1/5 0025 ID w/KSDO, had  
religious mx. (DG-OR)

1130 \*unID\* TT'er o/u KSDO & KRDU on this auroral  
night, 1/5 0022-?? no ID. Could it be  
a Mexican? (DG-OR)

1150 KIIIS CA, Los Angeles 1/5 0041 no KAYO, o/  
Mexican. (DG-OR)

1180 WIAM NY, Rochester weak 0215-0240 12/22 w/  
jazz, ID & TC 0230. (RET-CA)

1220 KKAR CA, Pomona atop of KIBE w/SS talk 1958  
177. Faded up just in time for SS/EE  
s/off. When talking in SS the OM had  
a pretty heavy EE accent, so not much  
chance of confusing this one w/a Mexican  
station, hi. Legal EE ID 2000, then off.  
(RET-CA)

1240 CKGO BC, Hope 12/22 0100. Caught a definite  
"Fraser Radio" ID by YL, but couldn't  
say what previous programming was, as  
it only cut thru the crud momentarily.  
(NHP-BC)

1240 \*unID\* ?? 1/9 0313-0315 tune-out while looking  
for possible KMEL r/c, heard lkHz TT  
and presumed it to be KMEL till I heard  
Code ID for "KMEL" through the steady  
TT. (BH-WA)

1250 KTMS CA, Santa Barbara 1/5 SID at 0133 alone  
here, no KWSU. Lots of KRDR slop. (DG)

1260 KPIN AZ, Casa Grande ID 0842 12/30, o/KWEI.  
(JEC-CA)

1260 KGIL CA, San Fernando 1/5 0055 ID, no CFRN.  
(DG-OR)

1260 KYA CA, San Francisco 1/5 0102 ID o/KGIL  
and KVSF?? (DG-OR)

1270 KCOK CA, Tulare-Visalia 1/5 0048 ID o/TT'er.  
(DG-OR)

1270 \*CHAT\* AB, Medicine Hat 1/9 0528 pop mx, then  
announced "running DX Test"! Not listed  
in IRCA or NRC so wonder who arranged  
this! Said CHAT had run DX Specials  
over a 28-year period! Very good thru  
CHWK OC. (BH-WA)

1270 \*unID\* Another TT'er 1/5 0950-?? no ID again.  
Varied pitch about every 10 seconds,  
gone by 0100. (DG-OR) (I think one of  
your times must be wrong. That would  
be a very long test!--NH)

1280 KFRN CA, Long Beach 1/9 0530 live ID & TC  
between relig. shows, average signal  
atop KEDF briefly. KIT was apparently  
off for an unusual SP! (BH-WA)  
+ID 0359 12/29 between religious programs,  
w/KJOY & KIT. (JEC-CA)

1280 KVOV NV, Henderson-Las Vegas 1/6 good u/KWMS  
nulled w/"V-O-V" ID 1840. DJ sounded  
like one in a soul station, but mx  
seemed MOR. (RET-CA)

1280 KWMS UT, Salt Lake City blasting in w/local  
spots, full ID 1830 1/6, then UPI  
World News. (RET-CA)

1280 KUDY WA, Spokane ID 0959 12/27 at end of  
religious program, w/KJOY, KWMS & KIT.  
(JEC-CA)

1300 KROP CA, Brawley 1/5 0046 ID, C&W mx. No  
KMPS, o/other Calif's. (DG-OR)

1300 KPTL NV, Carson City 1/5 0127 ID o/KROP on  
this auroral night, w/no KMPS. (DG-OR)

1300 CJME SK, Regina 12/27 0200 in w/decent sigs  
for once. (LN-AB)

1320 KCRA CA, Sacramento 1/5 0137 ID alone here.  
(DG-OR)

1340 KLOO OR, Corvallis 1/3 0900-0904 w/clear s/  
on, into ads & soon disappeared into  
the muddle. (HC-CA)

1360 KZIC CA, Ridgecrest 1/4 0902-0906 w/SSB and  
s/on, into the Wm. W. McCoy Show, wx,  
and a bakery ad. (HC-CA)

1380 KGMS CA, Sacramento 1/5 0141 o/KTOM, no  
KRKO. (DG-OR)

1390 KBBO WA, Yakima ID 1000 s/on, relig. programs;  
w/KSLM, KCEY foreign language, and KBLW.  
(JEC-CA) (Date?--NH)

1400 \*KXIV\* AZ, Phoenix 1/2 0250 listed f/c, on top.  
(JEC-CA)

1400 KAAP CA, Santa Paula 1/1 0254 ID then nx.  
(DG-OR)

1400 KBMI NV, Henderson 1/1 0250 ID on top. (DG)

1410 KERN CA, Bakersfield 1/5 0146 ID, no CFUN.  
(DG-OR)

1420 KSTN CA, Stockton 1/5 0147 ID. Aurora even  
wiped out KUJ which is East of here.  
(DG-OR)

1430 \*KRG1?\* NE, Grand Island 1/9 0540 tune-in till  
TT ended 0546:20. No ID heard; per the  
list, KRG1 is scheduled. (BH-WA)

1430 KLO UT, Ogden 12/29 s/off at 0258. Fair sig  
w/very bad propagation. (LN-AB)

1440 KVON CA, Napa 1/6 1946 almost alone on  
channel w/rock & something about  
anniversary of KVON's first s/on. No  
sign of usual KMED/KODL in aurora.  
(NHP-BC)

1440 CJOI AB, Wetaskiwin 12/28 0200 semi-local  
s/off at 0200. Gave s/on as 0800. (LN)

1450?\*KVSL?\* AZ, Show Low no ID 0234-0245 on f/c.  
(JEC-CA)

1450 KVEN CA, Ventura ID 0237 at end of nx and  
wx. (JEC-CA) (Date?--NH)

1450 \*KBFI\* ID, Bonners Ferry 1/9 r/c (one week  
late). TT & Code ID's, just like KQIK,  
KMCL, & KVAC, except sounded like  
they played the tape at half-speed!  
Positive "K-B-F-I" in code (-.-.-...  
... ..) heard 0320 $\frac{1}{2}$  & 0321 $\frac{1}{2}$ . Poor to  
fair but TT & Code readable thru loud  
KBED. (BH-WA)

1450 KBKW WA, Aberdeen ID 0230 at end of Ai recap  
1977 news; on & out from 0220. (JEC-CA)  
(Date?--NH)

1460 KVRE CA, Santa Rosa 1/6 2006 fine ID by  
laid-back DJ; fair, steady signal.  
Seemed to be progressive rock?? No  
QRM from usually dominant KMWX in  
aurora. (NHP-BC)

1460 KDON CA, Salinas 1/5 0151 ID, no KMWX, o/  
KENO?? (DG-OR)

1460 KENO NV, Las Vegas 1808 1/6 w/rr, ID,  
local spots. Good sig, no sign of  
KDON. (RET-CA)

1500 KSTP MN, St. Paul 12/29 0306 sounding like  
semi-local. "Big Al" gave request line  
number: 646-9914. (LN-AB)

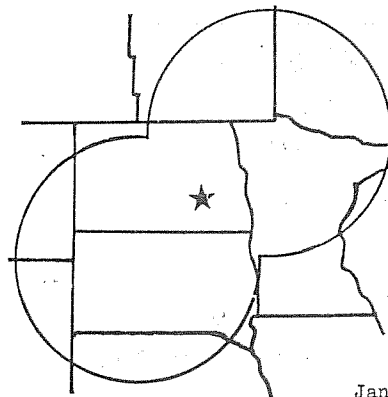
1540 KZAM WA, Bellevue 12/19 0500 end of "Mag"  
public affairs program, ID and into  
guitar mx. (HC-CA)

Frequency check info:  
The following f/c's were on 1/9 at times listed for  
1st MM. They were evidently one week late because  
of the holiday 1/2:

950 ?KMTX? MT Helena (tentative; weak TT heard)  
1230 KQIK OR Lakeview  
1240 KMCL ID McCall  
1450 KBFI ID Bonners Ferry; TT & Code ID's (see  
above for further details)  
1490 KVAC WA Forks  
---all from BH-WA

2nd MM 1430 ?KGRI? NE, Grand Island, tentatively  
heard 1/9 per list. (BH-WA)

Welcome to WDXR, Herb. I'll have to get used to  
Bill Harms living in Utah and not WA. We have a  
good cross-section of reporters this week--AB, BC,  
WA, OR, CA and UT! This column seems short after  
the longer WDXR's of late. My typing fingers  
appreciate the "vacation" but I DO like the longer  
sections that contain more information! 73



**Ksjb**

JAMESTOWN, N. D.  
5000 RED-HOT WATTS  
600 KC DA-1  
WE VERIFY YOUR RECEPTION

AT 1937-2001

ON Sept 5 1974

SIGNED *Nancy J. Van Euren*

## eastern dx forum

John Zondlo  
6617 Maryland  
Hammond, IN 46323

Karl Forth-630 S. Ardmore-Villa Park, IL 60181  
Happy New Year! All my connections for jobs over the month long semester break have fallen through, so I'm just taking it easy, doing some DXing, sending out follow-ups, etc. Good to see Andy, Brian Sherwood, The Big P, Boots Roberts, and new CADXer Mark Strickert at RKs Xmas get-together, and here's a reminder: my get-together this year will probably be held the weekend of February 18-20, 1978. A final date will come in a week or so. Steve Apel- I agree with you that there is no logical reason why a station should be counted twice by a DXer when changing call letters, except to inflate the DXer's totals. Ultimately, though, it is up to the individual DXer to establish personal criteria for logging stations. As for myself, I do keep track of CL changes, but don't count them as a new station or add them to my heard totals. Veries: V/c CKMS-930 v/l KKYX-680 v/l KMCW-1190 CFYN-1050. Reports are coming back at less than a 40% rate this season. For the first time ever the number of stations that I've taped an ID from (1019) has passed up the number of stations verified (1011). Scott Mentzer: keep logging those tests! I don't know what the current status of the "controversy" between booklet and full-page printing is, but I hope 1978 will see IRCA moving to the former. Other than this, I think the SFPC is doing an admirable job, as evidenced by Rich Segalas checking with members here to see if their DXMs were aboard that plane that crashed in Utah (they weren't, as far as I know). I'm renewing for my 7th year in IRCA. 73 de KDF.

Brian L. Cartwright-106 Leila St.-Johnstown, PA 15905  
Well, it's gotten to that time of year when I can listen to WLS 24 hours daily. 12/28 1300 now, and it's putting in an armchair signal. Someone mentioned about TTR/R. Nederland on 800 over PJB, so I'll say a little bit on a subject I've been considering lately- "What is (or makes) a station." As simple as it may sound, the stations themselves have managed to complicate it with their agreements and setups. I admit to counting new calls as new stations, altho I'm not sure it's right, but they're only 1% of total logs. General rule I use, and this is probably more applicable to SW than AM, is one antenna site used as one station heard. I may have just heard the BBC, VOA, and AFRTS, but it is only one station, as they are all transmitting from the same transmitters at Dixon, California. I consider VOA (19 relays), the BBC (13), and others with multiple sites to be a network of programming, the same as hearing NBC News on 12 different AM stations. I would then count 800 Bonaire as one and only one station, carrying 2 different programs. The sticky part is when you get to some US AMs that might be using shared time on the same transmitter. Under this rule, my head tells me to count one, but my heart may say otherwise. Nobody that I've known has ever come out and said that if you belong to the IRCA, or any other club, this is the way that you count a station. I guess it's individual preference. This has been my preference. I don't want to start some raging controversy, but I would like to hear what others think on this same subject. DX poor this week, did hear CKTS-900 this MM. Cx weren't good, almost asleep 0130, so turned to CKLW, threw the cat out, then found I couldn't get to sleep until 0300, but totally forgot about the 2 DX tests that were on. CATS article on county DXing was interesting. In the 67 PA counties, I think only 4 don't have stations: Forest (pop 4,900) in NW, and Sullivan (6,000), Pike (11,800), and Susquehanna (34,300) in NE parts of state. Although we here in Cambria county have a tie with Allegheny county (Pittsburgh) in most cities of license (7), we're 13th in population. QUIZ: Find 2 stations within 150 miles of me, one has 750w and covers 750,000 people, and the other has 1,000 watts in a town of 250 people. Hint: both are daytimes, altho 250w nearer, not heard well, while other is regular on their clear channels.

## WWDJ Radio

497 Hackensack Avenue, Hackensack, New Jersey 07602

Scott Mentzer-Route #3-Tylertown, MS 39667  
Greetings and a somewhat belated Happy New Year from "ye olde Gamblin' Man down in Mississippi Land". First off, thanks to all of you who identified my 900 "mystery station" as Radio Barbados; I've been trying to definitely nail them during their 0430 s/on, but even during weekends, that hour is a bit on the late side for me, with my usually flaking out around 0330 or 0400. (That last 30 minutes will do it every time, hi.) DX around here continues to improve, with this past MM (1/2) being especially productive - 3 new ones plus two tentative loggings. Latest veries to reach the old mailbox include: WXYT, WPPG, WRGS, WLAP, WUFE, WHYZ, WTGF (all v/l) and WFAX (v/l plus bumper sticker, promotional material, and reel tape of TTs and ITs). At long last, some half-decent catches may be found by checking out CDXP. Looking over the 12/24 edition of DXM, I found the 1978 f/c list; some interesting new items are to be found in there and, with a little luck, should help to swell the totals. On this question of recounting stations who change call letters, I relog, but never recount; my own feelings on this matter are pretty well summed up by Steve Apel in his 12/3 forum. The situation becomes especially ludicrous when one considers the frequency with which some stations change calls; I can think of one CA outfit who requested three call changes in less than a year. (And the thing that makes it all so maddening is that I've never pulled them in regardless of what call they happened to be using, hi.) When it comes to DX-related abbreviations, I've always looked upon them as something which, in some respects, bears a similarity to code; that is, a pain to learn, but easy once mastered. It comes in handy when making DXM contributions, but, as I see it, should always be avoided when writing a reception report; man: GMS or CEs would probably figure the v/x after s/on had been given in AA or JJ. I must go along with the gent from "Big Zucchini Gardens" on f/up; I've been chuckling over that one ever since I first ran across it. (Welcome aboard, Jef; here I thought that I was the only one whose mind travelled in such "lofty spheres", hi.) Well, enough of this drivel; I'll try to grace these pages with more "sage comments" in a few weeks. Before I forget it, thanks to everyone who sent a Christmas card down this way - the next best thing to a v/q from Timbuktu. 73 and good DX de SAM, the MS TT Gmblr.

Frank Colella-2184 E. 28th St.-Brooklyn, NY 11229  
Hello fellow DXers out there. As of 1/1/78, I have logged every state in the east (east of Kansas) except one, which is Mississippi!!! I haven't heard Mississippi because I was jinxed by my little brother, hi! One day he walked into my shack and asked if I had logged (heard, in his lingo) a station from Mississippi yet. When I told him I hadn't, he said that if I didn't hear a station from Mississippi he wouldn't think of me as a good DXer (?) or something of that nature. So now all I hear from him these days is, "Have you heard Mississippi yet?" Well, I'll keep trying for Mississippi. As of 1/1/78 I have logged 36 states and 6 provinces. 3 states are tentative. They are California, Kansas, and South Carolina. Hope that all of you had a great Christmas and New Year. I got a stereo as a gift from my parents. Hope you all have gread DX cx at your shacks. 73s de Frank.

Gerry Thomas-2355 W. Michigan Ave., #460-Pensacola, FL 32506  
Haven't been very lucky on DX tests so far, only one positively heard...KLUG-1140 on 11/28 from 0400-0500. Did receive an unsolicited v/l from WCAZ-990 for a very sketchy "courtesy" report of their DX test. DX listening time has hit the skids around here due to new friend and fellow IRCAN, Charlie Barfield, turning me into a tinkerer. Which reminds me.... HELP!! Does anyone know a source for large ferrite cores? Would greatly appreciate any info. Saw the first two issues of the Dixieland DX Club bulletin... looks pretty good. Should be a lot of potential for an all-band, CE-based, DXing club. Send Chris Baskind a SASE for a copy. A thought from Karl Jeter prompted a quick survey of the contribution/membership ratio of IRCA. About 40% of the membership contributed in some way to the club's columns, contests, etc., from September to December 1977. Probably 50% in a 6 month period. (Is the glass half empty or half full?). Finally, heard a DJ reading



a public service announcement on WQXI-790: "If you're having trouble finding a job because you can't speak English...then you have no idea what I'm saying anyway, so there's no point in my reading this thing." 73's.

Tim Cronin-7500 W. 111th St.-Worth, IL 60482

Hello everybody! This is Forum #1 for me, so in keeping with EXM tradition I guess an intro is in order. I'm 21, single, and a student at nearby St. Xavier College in the Windy City. Worth is 21 miles SW of the loop and just 7 miles from the WLS tower. And you think KNBR is a problem, hi. Nonetheless, WBSB is usually in nightly, tho I've never heard KPVM. Xavier has sort of a radio station, of which I am news-sports director. So far, it is only sent from the studio to the cafeteria PA, but we can go for an FM spot if the college ever says OK. I've DX'ed for something over 8 years (1st catch: WSM) off and on with these results: 297 heard, 34 states, 5 provinces and 7 countries. An unID solved: WERE-1300 does carry Cleveland Barons NHL hockey from what I understand, so this must be what John Clemmer reported in the 11/19/77 CDXR. Chicago Black Hawks are on WCFL-1000 this season and WTAQ-1300 has no local pro sports. I'm almost done with a list of stations with hockey and will fire it off to HQ (if that's where it should go) as soon as it's done (send to HQ or Bruce Goldsen-jz). As I type this, I am listening to Hawks/Bruins hockey via WZZ and WCFL, much prefer 'BZ's Bob Wilson on play by play to Ron Oakes of 'CFL. By the way, these NBC network stations, all 50kw'ers, decided to skip NBC's Rose Bowl coverage: WSM/WLW/WJP (which was flagship for University of Michigan net)/WGY/WBAP/WVVE/WPVA. And WMAQ missed the first 2 minutes of third quarter after a halftime cutaway. Not very impressive for "America's First Network", hi! Until next time, good DX and 73 de TC.

John Zondlo-6617 Maryland-Hammond, IN 46323

Creetings. Thanks to all who reported the WJOB FM Special and who called during the test. Our CE is very pleased by the results. Personally, I'm very happy about the quality of the reports. We've received reports from MS, IL, NE, IA, NJ, NC, and GA. It's good to see the number of other tests that are being scheduled. KFDI and KOMO have been heard here, and I'm looking forward to the other tests, especially WLBZ (just hope he runs it non-directional). That's about it from here.....73.....jz

DON KASKEY-386 GEARY ST.-SAN FRANCISCO, CA 94102

---HQ telephone (415) 752-8691..Prepaid please....  
+++++  
Well! As I type this I've just snagged a new stn. KRVE 1300-Medford OR 1/18 at 1845-1855 overpowering everyone on 1300 & fighting KDIA slop w/many local advs + call ID at 1848. Mx seems to be EZL or MoR. On 1/11 I snuck the new call change for Redding 600. KXSX x-KVGV at 1820-1900 w/help from new wedge. Only others of note were the Cubans on 780 & 880, the latter heard often but never had bothered for official ID. On 1/18 from approx. 0415-0500 noted another SS battling the Cuban on 880, couldn't make out any slogans or IDs. Other Latinos spread across the lower end of the band. TPs non-existent and Hawaii/Tarawa not all that good either. My mouth waters at the results of the coast-side beverage session over new years. If there is another one next October Bill, you can count on me to attend. October ought to be fantastic. Very nice to see the big support Rick Evans received for the CDXR this issue. We knew you midwesterners weren't all snowed in. Am giving a lot of thought to making the trip to Seattle for Bruces 2/4 GTG. Apologies to all you good souls that I owe a letter(s) to. I was far enough behind before we had the baby and now I find that little tykes can take up quite a bit of your time, hi. Bill Harms, it's been a long time since we've had an active Utah DXer. Maybe you could monitor the local scene & send Bruce Goldsen the programming information from the Utah stations you can hear. Should be interesting. Bet KUTA-790 is a toughie. I could barely pick them up daytime while traveling across Utah on IS70 last year. Mike Hardester-your TP tape is terrific. Pips I've never dreamed of are on that tape. Hang in there I'll answer you eventually. All for now. Keep up the good DX everyone.....dkk..

FRIDAY  
DEADLINE

## western dx forum!

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

MARC BERGMAN-1120 HULL PL #4-OXNARD, CA. 93030

My school has finished for awhile, so I'm back to the dials. I first want to thank Bruce Portzer for his help w/my tape of Chile 1210. In the 31 Dec issue there is some further comments on this. The R. Univ. Technica all have the same manager; Eugenio Reyes. They probably have their own network. I have been doing some further work on my FRG-7. I put in a mech. filter. It is made by the Dittmore-Freimuth Corp. 2517 E. Norwich St., Milwaukee, WI. 53207. It's rated at 2.1kHz at -6db and 5.3kHz at -60db. I have it switchable from it to a Vernitron ceramic filter. The difference is remarkable. I have received Domenica 545. I can get it with little or no interference w/the mech. filter, but switching to the ceramic filter, interference from XEWA and everybody on 550 make it difficult to impossible to get readable copy. On a fairly clear freq. the ceramic filter w/it's wider bandwidth has better clarity. I had some problems w/getting my antenna to work well w/the FRG-7. I solved it by putting an output control on the antenna amp. W/full gain strong locals were causing problems. The frog has a problem w/its meter. It gives an S9 reading w/a very low reading (??-RtH). This makes it hard to find nulls when you're rotating your antenna. I believe there is a meter adjust inside. I have added a digital readout to the frog. I'm using the freq. counter that was shown in Pop. Elect. (Scratch ??-I get it now, a little slow now and then, hi-RtH). The unit has the ability to subtract the IF giving you the direct readout of the freq. that you are tuned to. This has worked fine on my Sony and R.S. TRF rx'es. They're both single conversion with 455 kHz IF. The frog. is a triple conv. I'm using the signal from the VFO. It goes from 3455 down to 2455kHz. The frog. has a main tuning dial that reads from 0-1000. It also has a separate Mhz dial. Since the VFO counts down as the tuning dial goes up the numbers are backwards. I have set the counter to start counting at 97545. Adding the VFO freq. to this you get a count from 1000-0. So a freq of 600 reads 400 and one of 800 reads 200. This is the simplest way I found to do it and my counter is still usable w/my other receivers. But if anybody has come up w/a better way, please let me know. I just received my foreign log. It looks like a great job. Good DX to all.

GARY LARSON-2806 LINCOLN-BURBANK, CA. 91504

This MM (1/9) I tuned the dial at 0000 and noted local KFI off (finally!), an OC on 1500 which I know was KROQ. Also noted was a TT on 1300 u/KWKW, very weak, and on 620, KTAR was in good. Just learned that a person I know works at KROQ's AM XR. Still no word on when they'll go to 10kw DA-D, but I hear they have the XR already. Wish they'd go off the air the 4th MM each week. (??Month, maybe?-RtH). I'm at work as I'm composing this, listening to KABL 960, courtesy of Gary Parton. I notice there's something u/the music, like TVI. I believe Gary taped this at night. Where is the major lobe of KABL at night? (Same Day & Night, West-RtH). Have heard them here u/KOOL. Also, the person I mentioned at KROQ once worked at KNEZ 960 Lompoc, but wasn't very impressed w/them. Also got a couple of cassettes of KYA-AM & notice no spots. Talked w/Gary on phone & said that they're unable to explain to the public why there's no spots. Of course, it's better for listeners w/ out spots! (KYA under new ownership. No spots a gimmick to get badly needed new listeners-RtH). Thanks to Bill Moriyama for KOIT material & dial cards. He seems like the kind of radio person who would let interested people in to chat during his air shift. I've run across some people in the industry who don't like visitors, even if into broadcasting. RtH, what ever happened to your other address at 321-25th Ave? (Too detailed for here, Gary-RtH). 73 for this week.

FATHER JACK PEJZA-212 S. CARPENTIER RD-MODESTO, CA. 95351

Christmas day, 3 friends and I flew by private plane to San Diego where I had a chance to see my folks. We had planned to fly on to Guaymas, Sonora, the next day, but bad weather kept us in S.D. until Tue morning. In Guaymas, we stayed at a resort hotel about 15mi/24km NW of town, on San Carlos Bay. Being w/non-DXers, I couldn't take as much time to DX as I might have liked. I took a TRF w/me and primarily did

some daytime DXing. Locally, the 4 stns were XEFX 630, "Ca-nal 60 y 3"; XEPE 710 in Empalme; XEBQ 1240, "B-Q"; and XEDR 1490. Other stns noted from Hermosillo (85mi/136km N) were: XERQ 590; XEUS 850, R. Universidad (w/classical mx); XEBH 920; XEDL 1250 & XEDM 1580. Strangely enough XEDM was barely audible; certainly not what would be expected from a 50 kilowatt. Going South, Ciudad Obregon (at 80mi/128km) had XERSV 120, R. Alegria; XEHO 910, R. Centro; XEQ 960, "I-Q"; XEAP 890, XEOX 1430, and XEEX 1460. Esperanza, XEEB 1010, La Rancherita, a suburb of Cd. Obregon was also there. Nava-joa, 125mi/200km away had XEKE 980, La Favorita, and XEGL 1270. Los Mochis, 200mi/320km away presented XETNT 650, XEHS 1280 and XEGF 1410 R. Impacto. Guasave, 240mi/385km down the coast had two: XEGS 610, one of the strongest daytimers hrd; and XEORO 680, R. Favorita. Across the Sea of Cortez in Baja, La Paz, 275 mi/440km away presented XENT 790, R. La Paz, XEEX 990 and XEYE 1310 R. Variadades. On the return flight, three stns in Ensenada, XEFF 1400, XESS 1450, and XEHC 1590 were heard. Very little evening DXing was done; from Guaymas. Strangely absent were XEWA 540 and XEDM 1580. The following stations, listed as CPs in the Mexiglenn list, were not hrd: XESR 1320, XESCT 1230, XEPNK 880, XESON 1110, XESG 1400, XEHK 1370 and XENSM 1380. An enjoyable time; good to get a little warmth and sun.

BILL HARMS-1120 ELM-PROVO, UT. 84601  
++++  
Well, I'm settled in now here at BYU and I took a little sur-vey of the UT stns that can be picked up here in Provo. I found 24 stns audible here in Provo in the daytime. w/33 total stns in UT that leaves 9 more to get all of UT. I did a little bandscanning at night w/very little results. I tried for Spokane stns and recvd KXLY 920 w/QRM from KORK, KHQ 590 after 0200 w/no KSUB QRM, and KGA 1510. All were very poor. CA & NV stns and a few AZ stns have been the only ones in here consistently. The general conditions have been very poor almost like Summer cx. I hope this is only temporary. I really don't have much to say now. 73 & good DX de WJH.

BILL HARDY-2301 PACIFIC AVENUE-ABERDEEN, WA. 98520  
++++  
The Beverage-antenna party 12/31 thru 1/2 was a huge success for the 8 of us who attended. Imagine getting armchair copy on Fiji 891 and Solomon Islands 1030. Little 250w WXLX 1385 Canton Island was also in great, but did nothing except play records all night - bp says WXLX IDs are infrequent, so we didn't wait for one. Hawaiians were also in great, w/one Honolulu stn booming in while it was still an hour before sun-set there! The Beverage worked E/W, and to the E we got a tenta-tive on a WHN 1050 ET, which we could have IDed positively if we'd had a tape going on that rx! The Beverage seemed to eliminate most of OR & CA QRM as well as out back Seattle and Canada substantially. We had CFSL 1190 smothering KEX, and KOOK 970 w/not trace of KYTE. Even daytime DX was possible! E. WA daytimers tended to overpower QRM from this side of the mtns, and 25kw KERR 1070 Polson, MT was in all day long and super at SS. The clincher was KERR coming in clearly at night when they're only 1kw DA, o/KNX w/no sign of CFAX! Regrettably, cx to the E worsened MM 1/2 before some of the much-wanted states could s/on, and on Sun 1/1 some channels were blocked because of AN programming New Year's Eve. Even so, it was e-nough of a success to make us want to do it again, probably the second weekend in Oct (Mon 10/9/78 is Columbus Day for some workers). Mark your calendar! And wx couldn't have been more co-operative. 12/31 was a clear, sunny, calm day, perfect for stringing out the wire. Both nights were clear and cold which is perfect DX weather. It started raining 2 hours after everyone had left Mon. afternoon! So we timed this DXpedition just right! Of course, if the Huskies hadn't been winning the Rose Bowl that Monday, we'd have had a larger turnout, right Phil Rytheway?? I'd like to thank those of you who have sent me lists of stns you need in this region and who have in re-turn helped me w/tips for stns I need from your areas. Any-one interested can get a list from me of call letters & fre-quencies of all stns logged in Aberdeen by Nancy and/or my-self. Just write, and send 10¢ per page for photocopying costs - my list is 20¢, Nancy's is 30¢ - or, of you can send a copy of your list of stns heard, we'll send our lists to you free as an exchange. Offer open to anyone interested. 73.

NICK HALL-PATCH-3272 ALDER ST-VICTORIA, B.C. V8X 1P2  
++++  
Belated New Year's greetings to all. I saw the new year in w/a rousing beverage party--no, no, not the sort the rest of you were indulging in; this was Bill & Nancy Hardy's New Year's get-together complete w/1200ft Beverage antenna on the Pacific  
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coast. Everything you've heard about these beasts is true. Hopefully, a detailed report will appear in DXM, maybe even w/photos from Nancy & yours truly, but in the meantime I'll jot down a few impressions. Conditions were quite good as we were logging Alaskans without the benefit of the beverage, & the 4 receivers present were manned (and womaned) from a cou-ple of hrs before SS to about 0700 PST on both New Year's Eve and New Year's night. Morpheus claimed various DXers at vari-ous times, but there was always one soul about to note down yet another new one. No, we didn't positively ID any Indones-ians but we got some chimes on the hour from presumed Indones-ians which hopefully will turn out to be a distinctive IS. There was lots of audio on 864 and 1134, as well as some on 855, particularly in the early hrs of 01 Jan. Solomon Islands 1030 and Fiji 891 boomed in w/IDs, not to mention Russians, Japanese, Koreans, and tentively Australia, N.Z., and maybe even an odd Malaysian. A couple of African TA carriers were noted as well as unexpected Eastern domestics, although poss-ibly the midwinter anomaly was affecting ECers to a certain degree. All in all it was a great deal of fun and I sure wish my backyard was a little larger. All these loggings were in spite of some fairly strong powerline noise. Heaven only knows what would have been heard in a traditionally good month (like October) w/the lone noise eliminated. Drool on, I guess, 73. (Kaskey, you think we live on an island that has been looped out from any and all DX?-hi. Good work gang-Rth).

PAUL W PETERSKY-112 NE 50th ST-SEATTLE, WA. 98105  
++++  
Greetings! I'm finally re-joining the ranks of IRCA after a 5 yr leave of absence due to the various pressures and dis-tractions of college life, hi. Try as I might, I was unable to DX from the dorms due to terrible noise levels generated from everything from hairdryers to strobe-lights--you name it! My beautifully constructed longwires became the targets for vandalism. I thought I licked those problems when moving off campus, but my landlord popped his cookies when he saw me strong wires across the roof to a nearby elm. Four yrs at Colorado College did little to promote my interest in DXing, although every blue moon I'd pull out the rx from the closet and wow someone w/the marvels of long distance reception. I'm back in the Queen City w/a new rx, a rather compact Sony ICF-5900W, which is proving to be mother. How does this com-pare to the Panasonic RF-2200? (Stay w/your Sony, Paul-Rth) Backup rigs include the Northern N620, known as the Basel of radios, as well as the worthless Heath GR-54. An SM-2, a homebrew loop and a longwire round out the current supply. For the vast majority who don't know me, I'm 22 yrs old and taking a year or two off before returning to grad school. My main interests outside of DXing include skiing, hiking, pho-tography and music. I am an avid jazz pianist and have com-posed music for a number of college dance and theatre activi-ties, as well as having some of my music used by a dance troupe in New York. I like to tapesond--anyone interested, please drop a line or tape. (Welcome back to IRCA and WDXF, Paul, please report frequently-Rth).

PAUL A LA FRENIERE-P.O. BOX 606-GRAND MARAIS, MN. 55604  
++++  
Greetings from 1/3 of IRCA-MN. The rush is over, and I again have time to DX. Yesterday (1/3/78), found many of the clears in all day (ie. WBBM, WLS, WLW, etc.). Also, a number of re-gionals in all day. Today (1/4) nothing but the near locals, barely audible WCCO & KSTP which are heard all day here most of the year. No distant regionals in at midday. I was very interested in Gene Martin's discussion on auroral conditions as I frequently experience that very thing. Tonight PJB in like a local. Usually dominant CKLW not to be found. WCCO just not there. New York stns loud and clear. Finally logged CBX 740 after 2 yrs of trying. I think I'm in their land of the lost, but MM 1/2/78 found them in w/good strength after CEL s/off. A little tip-maybe it will help some Midwest DXer looking for VT. I don't know what their directional pattern is, but WVMT 620 has been heard a number of times at this QTH. Sometimes w/WTMJ off and twice dominating this freq during evening w/WTMJ on. Catch 22 is they haven't verified 3 sepe-rate reports - all w/plenty of verifiable material. Good luck! 73 de PAL (Welcome back Paul, pls let us hear from you fre-quently-Rth).

DUBLIN BROADCASTING CO.



Box 97 - Moorhead, Minnesota

DAVID OLIPHANT-#1; 11255-31 AVE-EDMONTON, ALTA. T6J 3V6  
+++++  
Howdy. The start of the new semester has given me some spare time so figured I better get a report in now. Even managed to get some DXing done during the Christmas break although I didn't get much of a break this year, even managed a couple of new countries so perhaps foreign DX is possible this year, I was having my doubts for awhile. New stn CHRB 1280 High River was noted a couple weeks ago so they are on, but the new stn in Med. Hat does not seem to be, didn't have a chance to contact anyone at CHAT when home for Christmas as was only there on holidays. One wonders why CHRB didn't ask for CHRA. Re Gene Martin's comments about N. Korea 655; while I don't have much experience w/hearing TPs, from my loggings I would have to agree. 655 noted only twice and neither time anywhere near as strong as the JJ stns. For that matter they never reached the quality of VOA 1178 and this heard w/KOPI on (this while DXing in Med. Hat). One morning that 655 was in I could also hear JOBB on my TRF. While DXing last MM 1/2, noted WSM on 0430 ELT, have they gone NSP? Have yet to hear KPOI, was going to take a shot at it last SM but never made it home from the party in time, guess there's always this week. Got a new receiver last Summer (which I hoped would compensate for the move to Edmonton) a FRG-7, the newer model w/the fine tuning knob which is handy for the ham bands. Unfortunately this knob is too close to the main tuning knob for my liking, or maybe it is just that I tune w/my left hand, hi. 73.

LYNDON NERENBERG-57 GREAT OAKS-SHERWOOD PARK, ALTA. T8A 0V8  
Ph: (403) 467-0922  
+++++  
Sure is nice to see another ORCAN in good old Edmonton! How about giving me a call, Dave (oliphant), so we can get together some weekend and B.S. o/coffee (Irish!). I have written our belived leader (ie. Bruce Portzer) re the possibility of starting a technical column in DXM. There seems to be a vacuum when it comes to tech info about MW, Receivers, antennas, AM stereo, etc. I would like to emphasize that this would be a READERS column. I am no tech genius, but I have volunteered to edit this column, and nearly ALL information would have to come from the READERS. Please write me, or make your opinions known in your respective Forum. CHED 630 has stopped printing 'sunspots' so can no longer exchange these. Not much response anyway, only 1 person. Offer still stands for addresses etc of Canadian stns, remember: USA- SAE + 12¢ postage + 10¢. Canada: SASE + 10¢/stn. Overseas: SAE + 2 IRCs, no charge for info. Plan to be in Whitehorse during the last weekend in June for Fiefl Day (one of about 600000.. amateur radio contests every year), and will try a bit of Summer DX from up there before and after the contest. (From 3 yrs experience at that latitude, good luck, hi-RtH). Should be interesting w/only 2 locals!! Stn in CC, II, FINALLY positively IDed as CJVB 10kw on 1470 from Vancouver. What a powerhouse!! Louder than CFUN!! Style listed as cosmopolitan multilingual, guess that explains it, hi. Received via NBS: A leap second will be added at 2359:60 UTC, 21 Dec 77, on stns WWV, WWVH & WWVB. If the earth gets any slower it will probably catch up with the postal service, hi. 73 for now de LYN.

ROBERT WIEN-945 DESERT ISLE DRIVE-SAN JOSE, CA. 95117  
+++++  
Here is a brand new type of quiz I call "Call Letter Crossword." Take the 3rd & 4th letters (except 3rd letter only in 3-letter calls) in each of the following calls and fill the blanks in. The letters filled in on the blanks, when read across, will spell out a noteworthy saying. Ie., if "Brookfield, CT - WI\_\_" is listed, then the letters "N E" would go on the blanks, as the call in Brookfield is "WINE". Got it? Here we go! Oklahoma City, KO \_\_, 2. "Oklahoma City, WK \_\_". 3. Seattle, KA \_\_, 4. Amarillo, TX. KP \_\_, 5. "Clarksburg, WV, WP \_\_", 6. "Cincinnati, WU \_\_", 7. "Grand Forks, ND, KK \_\_", 8. "Kent, OH, WK \_\_", 9. "Newcastle, NB, CF \_\_", 10. "Mexicali, XE \_\_", 11. "Charles City, IA, KC \_\_", 12. "Chicago Heights, IL. WM \_\_", 13. "Phoenix, AZ. KO \_\_", 14. "Port-Aux-Basques, NF. CB \_\_", 15. "Omaha, WO \_\_", 16. "Oklahoma City, KB \_\_", 17. "Fairbanks, KF \_\_". Answers in the next Forum. New stns here: KFDI 1070, KBOX 1480, CFRB 1010, (first Ontarian), CHUM 1050, WVON 1390, KGMS 1380, KSUB 590. Verie today from KFDI w/v/1 that looks like a "Wanted: Dead or Alive" poster. Answers to last quiz are: 1a, 2b, 3c, 4b, 5c, 6c, 7c, 8c, 9a, 10a, 11a, 12b, 13c, 14b, 15b. Same ratings as last quiz. Am running out of quiz question possibilities. Received bulletin on Tue, strange day! BH, KPOI is not that easy as you think! We've got mtns between San Jose and the ocean, blocking out HI. Received a letter from Critchett, Red

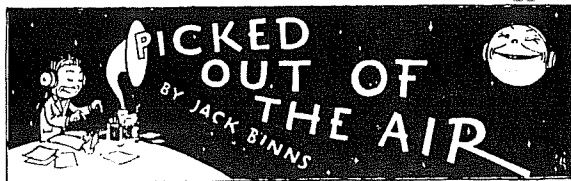
Bluff. Who's "Ernie"? That's about it for now. 73. RtH, I double spaced this time. Do I get a cookie, hi? (How about a brownie and a tip on how to log WVON, ya lucky bum, hi-RtH). (P.S., I logged & veried WVON on old 1450 freq.-RtH).

BILL HARMS-N. 2213 VISTA-SPOKANE, WA. 99206  
+++++  
Hi again. This will be my last Forum for a while from Spokane as I'm going to school at BYU, and I won't be back in Spokane until April. As I have been getting ready for school this last week DX has been rather slow. My highlights of the week include: WQXR 1560 for the first time, and KOOK 970 and KYTE 970, local KREM on the air. I did that while I was driving around listening to KREM and I hit a null in the signal of KREM and two other stns boomed in. Being a weird person that listens to those @\*%\$\*(p) stns that cause interference w/your favourite local (hi) I pulled over, nulled KREM to nothing and listened. Sure enough, I heard IDs from both with KOOK being more dominant. I'd have to rate this as one of my better catches, considering that I was 8mi/13km from the XR site and I could see the tower. KSPO 1230 is the same type of situation, but I have been 1mi/1.6km from XR site and other stns are still audible. I have 2 NSP's here in Spokane, KHQ 590 and KJRB 790. So nothing on those channels. KREM has a SP on MM now. I went to KJRB and asked to look at their reception reports. It was really interesting because 75% of the reports were from Scandinavia. Little's because they beam their signal almost due North, w/very little to the S, so I suppose they don't get out well in the US except maybe SRS or SSS when they are on ND daytime antenna. I have noted that the Canadians from AB & SK boom in here during the day consistently. Oddly, the only coast stn has been KIRO (which sometimes is difficult here at night while on their DA). Daytime reception of KIRO is actually better than nighttime reception lately. To answer your question Rick, where you used to live here in Spokane is about 2mi/3.2km from here. That's actually outside city limits. So the closest stn is KZON 630 Opportunity. Their studio is on S. Pine and their XR site is about 2 or 3 mi from there. The main group of stns is about 10mi/16km from where you use to live. The other stn KSPO 1230 is downtown. More later. 73 & good DX de WJH. (I was rather young & only radio I listened to was Big John & Sparkie, hi-RtH).

GARY LARSON-2806 LINCOLN-BURBANK, CA. 91504  
+++++  
Hi ya'all. Hope you all had a great New Year. Not a whole lot going on DX-wise this MM, but did hear KFRE & KOOL, also an OC on 710 & 740, both probably KMPC & KCBS. Am going to be on local KGSN-FM today (1/2/78) for about 3 hrs for a public affairs show, no pay, but at least it's radio. Got a note & promo material from member Bill Moriyama, annor at KOIT San Francisco. Bill, I really hope you like IRCA. Maybe you could try getting letthead logos to have printed in DXM. AM, of course. Recently heard by tape KWUN 1480 ("K-15") Concord, CA. Not really impressed w/format. Got a couple more tapes of stns from Ted in Louisville. Ever notice how a lot of stns are using the logos of Y or K so-so (K-15, Y94-KFYE Fresno) and many others. KIOT Barstow is supposedly IDing as K151, but I haven't heard them yet. (K-101 San Francisco started the whole ball of wax, Gary-RtH). Want a sample of L.A. radio? Just send your own cassette and I'll tape any local here I can pull in well. KFRN, ex-KFOX Long Beach has always been really weak, same w/KWOW, KWIZ & others in the L.A. fringe areas. 73.

RICK HEALD-1581 20th AVENUE-SAN FRANCISCO, CA. 94122  
Tele-Forum: (415) Montrose 5-4201 to 2200 PLT prepaid  
+++++  
BCB conditions in Bagdad-by-the-Bay seem to match the weather; gloomy. Rain recorded last 24 of 31 days. Most NorCal QTHs at or above normal, SoCal, way above normal. Snowpack, that's what REALLY counts, at Norden, Hwy 50 above Lake Tahoe today (17 Jan) at 123", double normal, last yr at this time, 22". The drought "technically" over, but you really know it's a normal winter when the Russian River floods Guerneville, so listened for Santa Rosa stns remaining on AN, but no dice. Re Santa Rosa, there's a large het on 1350, a definite off freq stn and I'm suspecting KSRO. Cx really are bad, and Kaskey and I would like to know how come all the rest of you WCers are hearin' stuff, it's getting a little frustrating, hi. I mean, it's nice to hear KENY 1570 for the call change a couple AMs back, but that's not Indonesia, ya know what I mean? Have done some spot listening around when flood warnings on various rivers were issued hoping for a daytimer still on, etc, but the usual flooders, the Bel and Smith are quiet; is Humboldt & Del Norte that quiet, Randy? Te recent wx has included high winds and lightning which have done their thing around NorCal w/various

stns off at times. KYA AM & FM both off yesterday morning for a couple hrs, KCBS hit by lightning a couple wks ago, KVRE-FM off frequently (sometimes it doesn't pay to be atop a 4500' mtn), and so on. Lots of lightning static last couple mornings, reminiscent of EC DX days. Bill Harms, tnx for the phone call; hope I was able to help. Actually, I lived in Opportunity from age 1-7, and remember only KGA, KHQ, those 2 stick out, and a couple prgms, Big John & Sparkie and was forced to listen to Firestone Theatre, hi. Next week will get around to adding to Mike Hardesters comments on DX of 10yrs or so ago. Gene Martin, Don Kasey pointed out something rather interesting to me w/aid of a world globe. Signal coming from N. Korea 655 passes S of Auroral zone to S.F., but thru some aurora to Denver, and thru the entire auroral zone to the metro NE, which might explain why we listen for 655 as a clue to an opening for Asia. I hope that all made sense, hi. Again, the only stns W of here being hrd lately are: KPOI, KIKI, and KORL thru the KNBR slop. Gotta run and get this over to Kasey's. By the way, congrats Don on the kid, he's real cute. Take care, all. 73 de Rth..



The Hot-Air Talker

OUT in Burlington, Ia., they have a red-hot talking stove. Just listen to this story related by E. F. Butler: "Mrs. Grace Bainter of this city lives in the same block with our local broadcasting station—WIAS. Recently her daughter Viola was ironing some clothes with an electric iron. On chancing to set the iron over an unlighted burner of a coal-oil stove, she heard the sound of voices emanating therefrom. She called her mother, brother and a friend of the family to hear the phenomenon, and all report the same thing. "Mrs. Bainter wished to secure verification so went to the station and brought back the secretary of the Greater Burlington Association, who was delivering a rondo talk that night. He attests the truth of the story. The group then experimented by removing the iron from the burner and reception ceased. When the iron was replaced the program resumed, and could be heard across the small kitchen."

Therefore, will some kind-hearted listener telephone to a fire department somewhere to come and get our hundred people down from the KFI roof?" Some K. H. fan did, and they lived happy ever after.

"The Swine Song"

HOW rapidly civilization catches up with scientific achievement! A few years ago the abilities of our leading hog callers would have remained practically unknown except along the Corn-Belt. Now radio brings them to the attention of the wide world by broadcasting the Omaha hog-calling contest.

A Good Decision

THERE will be no international radio tests with Europe this year. Such is the ruling of the committee which had charge of the event during the three previous years. Probably no more discouraging or disappointing experiment was ever tried. It was subjecting radio to a test far beyond its capabilities, and tended to destroy public confidence in broadcasting because of the uncharitably badmouthing it let loose.

From an engineering point of view the ability to broadcast across the Atlantic involves primarily the use of sufficient power at the transmitting station.

There are a great many other factors of vital importance, and they all tend to operate against success. Aside from all this, however, there was no useful knowledge that could possibly be acquired from the experiment.

The Galloping Blues

CAN'T you just picture the perplexity of the dear old lady who penned this plaintive missive to the directors of 2LO in London? "Will you please tell me how I can slow down the music for dancing. I have tried all the knobs, but it is no use."

Or Shadowgraphs

THERE'S quite a controversy raging in England over a name for radio movies. One correspondent doesn't like the word "Television," so suggests "Telopsis" in its place. In view of the present state of the art, why not call them "Shakies"?



Yes! Let's Try It

WE MAY lead the world in radio development, and in broadcasting, but they are not so dumb in England. Over there the city of Reading has passed an ordinance imposing a penalty of five pounds on anyone annoying his neighbor by means of a loud speaker.

If that were in force over here the collections from my neighborhood alone would run the city government.

Prizes Waiting for You

DON'T forget that Collier's pays \$10 for all helpful suggestions and interesting and unusual experiences in connection with radio which our readers send in and which we deem good enough to print.

Tell your stories in as few words as possible and send them to Jack Binns, in care of Collier's, 250 Park Avenue, New York City.

-STAR-NEWS, PASADENA WEDNESDAY, JANUARY 4, 1978

Rhode Island firm agrees to buy L.A. FM radio station

A Providence, R.I., broadcasting firm Tuesday announced plans to purchase Los Angeles radio station KIQQ (FM) for \$4.5 million.

A spokesman for Outlet Co. said the boards of directors of both his firm and Cosmic Communications Corp., current owners of the station, have agreed in principle to the sale.

Final purchase, he said, was subject only to a "definitive purchase agreement" and approval by the Federal Communications Commission.

David Henderson, president of the Outlet broadcasting division, said there were no plans to change the station format, better known as "K-100."

"We plan to continue the successful format of the station, which directs its programming at a young adult audience," said Henderson.



HELPLESS? -- not with a second stage of tuning

HAVE YOU ever been invited to some great radio treat, either to dance or share the pleasure of a widely heralded concert, and then had your whole evening spoiled by poor reception? Your host does what he can; he tunes with everything his set affords—and probably feels more helpless than you do yourself.

That is the difference between an ordinary radio and an A-C DAYTON. For ordinary tuning it's simply a very high grade 2-dial set; but it holds something in reserve, a Second Stage of Tuning that gives you new and unique controls to use when ordinary tuning falls short.

No other radio can be so flexible, so cunningly adaptable to all conditions. It gives you new power, a finer way to tune your set, and consistent pleasure in listening to it.

Important A-C DAYTON Refinements:

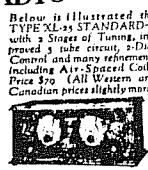
- Double Vernier Dial Control
- Air-Exposed Coils
- Double Banding Voltmeter
- Isophonic Reproduction
- Completely Shielded Coils
- Conditioned Tube Sockets
- Selectivity Control
- Compensator
- Fully Graduated Volume

Note: There is only one right way to judge Radio. HEAR IT! We have arranged, through exclusive dealers, for you to make this test in your own way. Let us send you full information and name of dealer authorized for test. Write direct to Dept. C-11

The A-C Electrical Mfg. Co. Dayton, Ohio Makers of Electrical Devices for More Than 20 Years

A-C DAYTON RADIO

Six Models (5 and 6 Tube) Priced from \$56 to \$255



Lightning Strikes KFI

A Los Angeles radio station was put off the air today when lightning struck its power transformer at La Mirada.

A KFI spokesperson said there was no indication how long it would take to repair the transformer.

The lightning hit at 8:44 a.m.

1250 KYAC



WE SUPPORT UNCF

The United Negro College Fund

KVWO, Inc.

Box 926 Cheyenne, Wyoming 82001



Bill Shirk

3003 NORTH KESSLER BOULEVARD INDIANAPOLIS, INDIANA 46222

# DX Worldwide



**BRUCE PORTZER,**  
Editor  
All times GMT/UTC  
Deadline Thursdays

6546 19th Avenue Northeast - Seattle, WA 98115 - 206-522-2521

## ATLANTIC DX ROUNDUP

- 529 ALGERIA, Ain Beida, poor-fair w/man in AA 2110 1/2. (Connolly, MA)
- 548 ALGERIA, Oran, good w/soft AA mx 2228 12/30. AA chanting noted at low audio level on big carrier 2121 1/2. (Connolly, MA)
- 611 MOROCCO, Sebbaa-Aioun, noted w/chanting 2230 12/30. Xlnt w/fast AA talk 2124 1/2. (Connolly, MA)
- 638 SPAIN, La Coruña, RTVE, fair w/SS dramatic production (talk by man & woman) 2125 1/2. (Connolly, MA)
- 647 ENGLAND, Daventry, BBC, good level w/EE talk by man in 650 sloop 0715 1/2. (Everitt, OK)  
+Xlnt 0345-0445+ 1/2 w/Big Ben chimes, BBC WS ID 0445. (Eckman, PA)
- 665 PORTUGAL, Lisboa, poor w/soft mx in WNBC & WRKO sloop 2128 1/2. (Connolly, MA)  
+Very good w/low-mod PP talk by YL, into soft ballad type mx 0637 1/2. (Everitt, OK)
- 683 SPAIN, Sevilla, RTVE, good w/low-mod SS mx 0233 1/2, good w/talk o/SAH jumble 0633 1/2, noted w/xlnt sig & no SAH at 0645 retune. (Everitt, OK)  
+Often noted evenings 12/31-1/3. Best 0058 1/2 w/YL in SS. Distinctive slow SAH also noted (Beograd or German?). (Eckman, PA)
- 701 t ANDORRA, La Vieja, R. Andorra, presumed cause of bad het 1 KHz high on WLV, no audio thru sloop 0628 1/2. (Everitt, OK) (Could also be the Moroccan. op)
- 701 MOROCCO, Sebbaa-Aioun, good w/male group chanting 2231 12/30. Loud w/AA chanting right on 701.0; weak carrier spotted on 701.5 yielding a weak het 2132 1/2. (Connolly, MA)
- 719 PORTUGAL, Norte, good w/man in PP 2232 12/30. Good w/folk guitar & PP vocals 2133 1/2. Nothing on 720 at the time. (Connolly, MA)  
+Very good w/PP mx & soft-spoken male ancr //665 at 2205-2210 1/3. Dominating WGN briefly. (Feltman, PA)
- 737 SPAIN, Barcelona, RTVE, fair-good w/SS talk 2236 12/30. Poor w/man in SS 2134 1/2. (Connolly, MA)
- 755 PORTUGAL, Lisboa, strong w/cl violin mx at low audio level 2243 12/30. Good w/soft string mx 2136 1/2. (Connolly, MA)  
+Strong w/light mx 2247 12/31. SAH also noted. Easily rips thru TVI when in well. (Eckman, PA)
- 764 SENEGAL, Dakar, loud on car rx w/FF talk 2135 12/30. AA sing-song talk strong 2244 12/30. Good w/AA violin mx 2037 1/1. AA yelling good 2105 1/2. (Connolly, MA)  
+Noted causing het on WJR on car rx north of Emda 0200 1/2; bombing in w/AA chants at home w/xlnt sig 0615 1/2. Many carriers thru low end of band w/Dakar best sig of the evening. (Everitt, OK)
- 773 SPAIN, Caceres, RTVE, good w/fast-paced SS talk in 770 sloop 0610 1/2, better sig & less sloop 0645 retune. (Everitt, OK)  
+Noted w/woman in SS during pauses in WABC sloop 2137 1/2. (Connolly, MA)
- 782 PORTUGAL, Miramar, good w/Muzak 2138 1/2. (Connolly)  
+Xlnt sig easily thru sloop, PP talk by YL or high voiced man, possibly mx, into nondescript inst rock 0601 1/2. (Everitt, OK)
- 818 ANDORRA, La Vieja, Sud R., dominant w/disco mx, then FF talk 2100 1/1. Atop channel w/man & woman in FF 2139 1/2. (Connolly, MA)
- 818 MOROCCO, Rabat, powerful w/man in AA, seemingly a political speech //827 2308 1/2. (Connolly, MA)
- 827 MOROCCO, Oujda, super-loud w/AA political speech 77818 2308 1/2. (Connolly, MA)
- 836 t CANARY ISLANDS, Las Palmas, EAK35, presumed w/weak SS talk by OM, fast SAH possibly France 0654 1/2. (Everitt, OK)
- 845 ITALY, Roma, in most evenings 12/28-1/3 w/generally xlnt sigs 2230-0500+. Often takes deep fades of 1-2 mins but back up w/good sig afterwards. (Eckman, PA)
- 854 SPAIN, Murcia, RTVE, w/SS talk by deep voiced OM, sudden loss of sig 0702, then back w/weak carrier only 0703 1/2. (Everitt, OK)
- 863 FRANCE, Paris, xlnt many nights w/foreign lang pgm 12/28-1/3 around 0600. //836 Nancy outlet when it is in. (Eckman, PA)
- 890 ALGERIA, Algiers, in w/apparent cl piano mx fighting off "We Are the Champions" song on WLS 2058 1/1. Noted w/SS pgm, WHNC looped 2144 1/2. (Connolly, MA)
- 899 ITALY, Milano, xlnt 0232 1/1 //845 w/FF-GG mx. Much better sig than Rome at that time. (Eckman, PA)
- 1016 TURKEY, Istanbul, fair-good w/IS (seems to match WRTH) anthem & time pips 0256-0300 1/3. Problems from KDKA & und stn on 1015. (Eckman, PA)
- 1061 PORTUGAL, Norte, xlnt w/choral singing & cl mx reminiscent of Handel's Messiah; bombing out KYW 2254 1/2. (Connolly, MA)
- 1034 PORTUGAL, Porto Alto, strong & alone 0603 1/2 w/IS, PP talk, & mx. (Eckman, PA)  
+Loud w/PP folk mx, then "Car Wash" in EE 0658 1/2. Elaborate sequence of beeps & tones on the hour. Good again 2357, easily separable from Haiti & holding its own against WBZ sloop. (Feltman, PA)  
+Strong w/operatic male vocal, WBZ nulled, faint 4VEH-1035 het in background 2259 1/2. (Connolly, MA)
- 1043 MOROCCO, Sebbaa-Aioun, xlnt on peaks (WBZ nulled), a version of the Neil Diamond hit "Song Sung Blue" was played 2056 1/1. Fair w/blues guitar mx 2256 1/2. (Connolly, MA)
- 1052 GREAT BRITAIN, Start Point, dominant o/fast SAH 2057 1/1. Poor w/cl mx in heavy SHN sloop 2255 1/2. (Connolly)
- 1088 GREAT BRITAIN, Crowborough, BBC, w/good carrier in vigorous 1090 sloop, no audio details possible 0334 12/31. (Everitt, OK)  
t +Suspected in Overseas Service w/FF talk pgm 2253 1/2. (Connolly, MA)
- 1142 ? UNID, at least 3 stns here, 2 SAHs approx 1 Hz & 200 Hz off, some mx hrd but details impossible. Many other carriers across band, but nothing ever hrd here before 0328 12/31. (Everitt, OK)
- 1196 WEST GERMANY, München, VOA, strong w/OM in EE, recent rock mx, clear VOA ID 0607 1/2. (Eckman, PA)
- 1196 ? UNID, Agadir suspected w/Arab-style mx 2123 1/2 & again 2104 1/3. Seemed to loop too far south for VOA. (Feltman, PA)
- 1205 ? UNID, TA very weak, probably Sierra Leone 12/24 0618-0627 w/Xmas carols in EE. 3316 also had carols but could not get a positive //. Looped 75-80° (Freetown is 75°). Conakry-1403 xlnt at times this eve. (Seaver)
- 1205 FRANCE, Bordeaux, good w/man in FF, no domestic QRM at all 2053 1/1. Good w/man in FF o/SAH 2251 1/2. (Connolly, MA)
- 1214 GREAT BRITAIN, BBC, EE talk mostly o/Albania, sig equal to WCAU groundwave 2052 1/1. Fair w/hard rock mx, some WCAU sloop 2050 1/2. (Connolly, MA)
- 1214 t ALBANIA, Iushnje, probably the one w/Slavic-sounding talk by YL, some SAH (prob BBC), weak 0305 12/31. (Everitt, OK)
- 1223 SPAIN/BULGARIA, man in SS/mx occasionally precipitating out of heavy SAH 2247 1/2. (Connolly, MA)
- 1268 WEST GERMANY, Neumünster, DLF, getting to be a regular of late as is often in during evenings 12/28-1/3 anytime from 2200-0600+. Generally marginal sig but audible w/mechanical filters. (Eckman, PA)
- 1286 CZECHOSLOVAKIA, Praha, very weak but their familiar IS penetrated nicely 2200 12/31 (Feltman, PA)  
+Assumed the one here w/good sig w/man speaking poss in GG 2205 12/31. Noted several other evenings tho only w/poor-fair carrier. (Eckman, PA)
- 1367 ? UNID, poor-fair carrier hrd 2158 1/1. Poland listed in WRTH, seems post likely TA possibility here. (Eckman)
- 1375 ST. PIERRE & MIQUELON, R. France good w/mx & FF talk; slightly weaker Lille-1376 whipping a nasty het in at times 2200 1/2. (Connolly, MA)
- 1376 FRANCE, Lille, to fair peaks w/man in FF 2048 1/1. (Connolly, MA)  
+Strong many nights around 0530 w/foreign lang pgm, e.g. 12/30 1/2. Did not seem //863 on 12/30 though both were carrying foreign lang pgms. (Eckman, PA)
- 1385 ? UNID, fair sig hrd at ISS 12/31, 1/2 around 2145-2200. Def not TVI, looped TA. Several possibilities per WRTH. (Eckman, PA)
- 1394 ALBANIA, Iushnje, here already 2113 12/31 w/sun still shining brightly. Very strong w/EE propaganda 2206. Male ancr had British accent. (Feltman, PA)  
+Noted all evenings 12/27-1/3. Xlnt w/IS 2059 1/1. (Eckman, PA)  
+Loud w/trumpet IS 2159 1/2. (Connolly, MA)
- 1403 GUINEA, Conakry, poor w/vocal mx 2158 1/2. (Connolly)
- 1439 LUXEMBOURG, Marnach, noted most evenings 12/30-1/3 at ISS. Good 2131 1/2 w/rock mx. (Eckman, PA)
- 1457 ALBANIA, Dürres, good w/"East is Red" IS 0358 12/31. Noted most evenings 12/30-1/3 best around 2230 w/FF pgm. (Eckman, PA)
- 1466 MONACO, Monte Carlo, fair w/man in GG 2040 1/1. Xlnt w/choral gospel mx 2157 1/2. (Connolly, MA)
- 1475 AUSTRIA, Wien, poor w/piano mx in sloop 2156 1/2. (Connolly, MA)  
+Believed to be fair carrier noted several evenings 12/31-1/3 around 2230. Also noted man in GG(?) 0503 1/3. Has anyone hrd them at sked s/on 0400 this season? (Eckman, PA)

- 1484 ? UNID, another weak carrier noted here 2227 12/31. Def a TA but am unable to get really precise loop bearings. Did anyone else note anything unusual on the high-end on this date? (Eckman, PA)
- 1502 POLAND, Warsaw, fair 0529 1/2 w/piano IS above low rumble. Good 0529 1/3 w/IS, man in GG. Tentatively noted several evenings around 2200 w/m&f alternating & mx 12/30-1/3. (Eckman, PA)
- 1554 FRANCE, Nice, poor w/man in FF, QRM from WQXR 2153 1/2. (Connolly, MA)
- 1578 ? UNID, weak talk stn noted, possibly Portugal, 2049 1/1. (Connolly, MA)
- 1586 WEST GERMANY, Langenberg, WDR, very good 12/28 0615-0650 w/MOR mx, GG talk by female. Hardly any WAKR slop at all until 0650 when sig weakened. (Lazar, WI)  
+Strong most nights after 0500 12/30-1/3. Good sig 2121 1/2 w/man in GG - quite early; usually not in until after about 2300 most nights. (Eckman, PA)  
+Good w/GG male vocal like Gordon Lightfoot song 0315 12/31. GG talk w/wild up & down fading over 30db range, xlnt sig on peaks 0722 1/2. Most high end TAs have been lousy lately, but this one has remained very good this winter. (Everitt, OK)
- PAN AMERICAN DX ROUNDUP**
- 540 ECUADOR, Guayaquil, HCFA2, R. Tropicana, 12/31 0755 in during a most welcome KNOE/XEWA SP (a late Xmas present I'm sure). Many "Tropicana" IDs all alone save for a weak WDAK (in null). Fair. (Baskind, MS)
- 540 NICARAGUA, Managua, YNOW, R. Corporación, fair 1030 1/2 w/ID, beer ad, mx. Slight QRM from CBT! (Lazar)
- 545 DOMINICA, Roseau, R. Jumbo, good w/slight WKRC-550 slop 1018 1/2 w/FF reggae mx. One EE disco song & a James Taylor song also hrd. (Lazar, WI)  
+Noted w/great sig 1002 1/2 easily rivalling CKPG-550 ID by OM in FF 1015. (Oliphant, AB)  
+Best ever 1020 1/2 w/lively jumping mx, heavy on percussion (drums, etc.). (Peterson, CA)
- 595 DOMINICA, Roseau, R. Dominica, very good w/song by Bread; better audio than usual 0225 1/2. (Everitt, OK)
- 650 ? MEXICO, 1/2 1229 ancr in SS w/Mexican mx, IDs "esta es...cinco". Would expect XETNT as I think I hrd ment of Los Mochis but I believe that would be MST...too early isn't it. (Shugart, CA)
- 660 NICARAGUA, Managua, YNAM, presumed to be the weakie in slop w/quite a few Nicaragua mentions. IDed here before. This 12/24 0305. (Baskind, MS)
- 660 ST. LUCIA, Castries, R. St. Lucia, fair-good 1/9 s/on. Noted 0927-0931, mixing w/WNRC w/mx, s/on anmt, pgm sked. Reported. See 1090. (Merriman, VA)
- 670 VENEZUELA, Caracas, YVLL, R. Rumbos, good w/WMAQ off 12/26 0958 w/"Noti Rumbos", fast-paced mx show w/door bell sound between items. Show starts w/a long list of YV stns that carry it. (Lazar, WI)
- 710 COLOMBIA, Medellín, HJNX, according to a rpt originating w/an HJ ham & relayed to me by an Elementary Electronics reader, R. Super de Medellín has been destroyed by a fire. (Stanbury, OH) (Maybe so, but they're apparently still in business; see below. bp)  
+Fair sig & in the clear w/WOR off 0755-0810 1/9. Downbeat LA mx, several IDs including local ID w/mention of city. Reported. (Merriman, VA)
- 720 CUBA, Colón, CMGN, good-fair during rare WGN SP 0930 12/27 w/LV de Cuba ID, mx. R. Rebelde programming began at 1002. (Lazar, WI)
- 720 JAMAICA, Kingston, RJR here o/Cuban 0702 1/5 w/pgm 77 770 outlet. Fair. (Baskind, MS)
- 725 SURINAM, Paramaribo, SRS, 2340 12/21 w/OM ancr in DD, weird musical format. Fair-good. (Baskind, MS)
- 730 GUATEMALA, Guatemala, TGN, R. Cultural, noted w/apparent s/off 2359 12/28. OMs in SS & gospel mx. Fair sig, moderate QRM from somewhere. (Baskind, MS) (Was that s/off time in CST or GMT? bp)
- 730 CUBA, Holguín, CMKJ, 0116 12/29 o/R. Melodia, w/usual mx & fanatical political rantings. Fair. (Baskind, MS)
- 740 VENEZUELA, Maracaibo, YVNC, fast-paced LA mx 0949 1/2, ments of Maracaibo & ID as Maracaibo 0952, unid giving it some probs at times (was trying for R. Antilles). (Oliphant, AB)
- 740 ? UNID, 1/2 0930 SS stn w/lively SS mx, ID as what sounded like "R. Maracaibo". Good sig thru someone's OC (prob CBL). (LaPreniere, MN) (See above, YVNC for sure. bp)
- 750 NICARAGUA, Managua, YMX, 1/2 0948 in good as usual at this time on MM w/"Estacion Equis" ID 0956. (Korinek)
- 760.4 COLOMBIA, Barranquilla, HJAJ, xlnt sigs 1035 1/2 w/ID by OM as "R-C-N, La R. de Colombia". (Oliphant, AB)  
+12/29 very lively LA mx & LV de Barranquilla ID 0546 fair w/Cuban, WJR, & het. (Thomas, FL)
- 770 JAMAICA, Spur Tree, RJR, booming in o/Cuban (usually dominant this time of evening) 0702 1/5 w/pop mx, accented EE ancr. Weird propagation effect brought this one in...it was like a sudden, brief aurora and lasted until about 0735 or so. (Baskind, MS)
- 775 COSTA RICA, San José, TIM, 12/29 fair at 0600 s/off w/ID, whistle, & quick carrier cut. (Thomas, FL)
- 780 COLOMBIA, 12/19 0740 LA here w/numerous ments of Colombia & frequent IDs which sounded like "R. Sonorama" No specific QTH hrd. Weak/fair u/WBBM w/LA mx. HJZG? (Thomas, FL)
- 780 CUBA, Camagney, CMJN, fair thru WBBM OC (another rare SF) 12/27 0953 w/programming //720. (Lazar, WI)
- 800 MEXICO, Cd. Juarez, Chih., XEROK, 0905 1/1 w/"X-Rock 80" IDs. 2nd time this season it's stomped PJB. (Baskind, MS)
- 800 NETHERLANDS ANTILLES, Bonaire, PJB, 0500-0700 12/31 always very strong Sun nights w/XEROK off but quite uncommon other nights. When XEROK would fade, PJB was easily readable w/rigs pgm. (Shugart, CA)
- 834 BELIZE, R. Belize, noted on late again 0545 12/22 w/Xmas mx. Very good sig, no QRM. (Baskind, MS)
- 850 ? UNID, 12/18 0750, lively LA mx & phone-in show audible here in KOA null. Electronic marimba or piano lead-in to 0800 "R. Viento (be-AYN-toe)" (???) ID. Unsure of call but not "R. Ciro". One ment of Guatemala. Nil-good w/deep fades. (Thomas, FL)
- 854 PERU, Lima, OAXHA, R. Nacional, in well 1049 1/2 w/singing. (Peterson, CA)
- 860 DOMINICAN REPUBLIC, Santo Domingo, HILR, fair sig 0958, ID just after the hour as R. Clarin, SS talk by OM & YL. (Oliphant, AB)  
t + Must have been the LA stn in for about 5 mins o/WDMG w/fair sig, tropical mx 1/5 0640. (Baskind, MS)
- 870.2 ? UNID, R. Centro is the slogan of a semi-nightly mystery here u/super-dominant WWL. First noted last Nov, but there was nothing more hrd than SS & mixed types of LA mx at that time. This must be Hall-Patch's 12/24 unid judging from the het. Many TCs as GMT-6... this would seem to rule out the Colombian. Cuckoo noises in between songs and anmts. I have hrd a few Guatemala ments (loop would agree), leading me to believe this is a new one...any ideas? (Baskind, MS)
- 880 CUBA, Pinar del Río, CMAF, 12/31 0700, 1/1 after 0900. Had been way below TGJ but on top 0700. Mixing weakly w/very weak WCBF after TGJ s/off. YL w/BFL mx. (Shugart)
- 880 GUATEMALA, Guatemala, TGJ, 12/31-1/1 0619-0900 s/off. Great sig fir first time reception, new country! Marimba mx, 0633 recorded jingle w/female voices, "...Mucho Mundo...Guatemala." S/off very good "Muy Buenas Noches." Good way to start New Year. (Shugart, NY)
- 880 ? MEXICO, 12/26 0159-0208 in null of KRWN. SS fair-good, then lost in static, XEPNK on post-sunset? ("Not currently on air" per VJ 11th edition). (Shugart, CA) (XETZ is hrd here every once in a while. bp)
- 890 DOMINICAN REPUBLIC, Santo Domingo, HIPJ, "R. Continental" ID noted at end of TC 0934 1/2. No trace of WLS at all. Fair sig. (Baskind, MS)
- 900 BARBADOS, Bridgetown, CBC, finally made it here right after s/on 0930 12/31 w/great sig, minor Cuban QRM. This one had really driven me crazy looking for it. Must have been checking too early. (Baskind, MS)
- 925 COSTA RICA, San José, TIOM, likely w/good sig & old Cat Stevens song, SS DJs 0707 1/2. (Everitt, OK)
- 945 HONDURAS, Tegucigalpa, HRYW, 0455 12/22 w/light inst mx, some withdrawn US pop & nice sig top of hr w/good ID. (Baskind, MS) (Believe freq is actually 944. See last issue's DKXW. bp)
- 1000 COLOMBIA, Cartagena, xlnt at times 1/2 u/KOMO OC 0811 0820, 0900 ID as "...RCN, la R. de Colombia", TC for 4 o'clock, then 2 IDs as "R. Suceso, RCN..." (Seaver)
- 1015 t EL SALVADOR, San Salvador, YSC, presumed the one w/non-stop SS talk 0333 1/2. (Everitt, OK)
- 1020 COLOMBIA, Montería, HJZD, R. Panzemu, after A3Z s/off & KDKA s/on, I turned loop to null KKA just in time to catch a big "R. Panzemu" ID& ment of city, etc. Possible s/on. The "oo" in the final syllable in the slogan is very highly accented. Lively tunes & many slogan IDs. Numerous hets made the sig flutter considerably. Had this from 1000 12/26; then at 1025 there was a sudden fade which revealed a possible HJFE (see below). (Peterson, CA)  
+Very full ID 0956 1/2 "Desde Montería...en Colombia...R. Panzemu...HJZD...ml viento kHz...R. Panzemu..." into Hawaii 5-0 theme mx. Fair but wiped out by KDKA s/on 0958. (Baskind, MS)
- 1020 COLOMBIA, Pereira, HJFE, LV de Pereira, appeared to be the stn that faded up 1015 12/26 after HJZD did its quick fade. Tempo of the mx was slower on this stn. Continued hets fluttered reception. Someplace in here the Todelar network was mentioned, but I could not tell for sure which stn it came from since fading & counter-fading was occurring at the time. On



641 OHIO STREET • TERRE HAUTE, INDIANA 47808



- 1020 none of the outlets are listed for Todelar. KDKA overwhelmed the loop 1025-7 & the backed down again. A 1 kHz het began to appear at this point, so I shifted to 1021 to investigate at 1035 (see below). This part of the dial was so hot that I had great trouble trying to keep up w/it! (Peterson, CA)
- 1020 COLOMBIA, Medellin, HJJDQ, Ems. Claridad, after excursions to 1021 & 1141 I came back to the "hot one" at 1130-40 12/26 & pulled out this one, again w/KDKA null'd, finding good sig even tho it was past dawn in Colombia. (Peterson, CA)
- 1020 CUBA, San Cristobal, CMAC, R. Guama, 1/3 1903 w/light mx, local nx in moderate QRN. This a daytime catch at 1:03 PM CST. Poor-fair overall. (Baskind, MS)
- 1020 ? UNID, LA 1/2 w/KTNA/KDKA off 0800-1000. Lots of "typical" LA mx" & some talk, no positive IDs or TCs. Probably the YV "Margarita". No sign of Tonga on an open freq. (Seaver, CA)
- 1021 ? UNID, measuring 1020.870+.0004 kHz creating a big het against the 1020 stuff & looping a little to the left of the Colombians. 1038-50 12/26. Possibly Cuba? Too much noise to pick out much data. Anybody help down in the SE US? (Peterson, CA)
- 1025 COSTA RICA, San José, TIAC, 1148 12/31 w/rigs mx & ID by YL 1149. The tentatives reporting gospel mx & pgmng here are probably this as TIAC's signal has been really good the last few mornings. (Baskind, MS) +Very good, out of choral mx (poss in Latin) into SS talk by man & woman 0322 1/2. (Everitt, OK)
- 1030 MEXICO, México, DF, XPRR, R. Centro, here 20h2 1/3. Ranchoero mx & a senora Gonzales asking for letters at A.P. 5-30 Vantico (?), Mexico. Fair-good sig, mild noise. Another daytime catch. (Baskind, MS)
- 1034.5 MEXICO, Monterrey, XEG spurs here & on 1065.5 kHz noted w/incredible strength, varying w/1050 modulation, where XEG had buzzy audio on usual rlg's spoutings 0337 12/31. (Everitt, OK)
- 1035 HAITI, Cap Haïtien, HVEG, R. LVEH, noted in passing w/EE religion 1132 1/2 good. (Baskind, MS)
- 1045 t PANAMA, Las Tablas, HOJ2, possibly the one w/SS talk & possible ID in worse-than-usual WHO slop, fair sig 0327 1/2. WHO, incidentally, was running their SS pgm at the time. (Everitt, OK)
- 1080 HAITI, Port-au-Prince, HVRD, R. Nationale, noted at quick check 1135 1/2 w/YL in FF & local mx. (Baskind, MS)
- 1090 MEXICO, Rosarito, BC, XEPRS, wild faith healing session 1027 1/2 w/Reverend Mother McGrown, who offers her services that guarantee success in 3 days. Shades of XERF! KAAV off, poor-fair. (Baskind, MS)
- 1090 ST. LUCIA, per s/on armt on 660, R. St. Lucia operates a stn here. Unable to get any details. Checked the freq as soon as I hrd them mention it, but 2 SSers & CKWV made any reception impossible. Probably a low powered operation, might be the old 250 w xt that used to operate on 1565/1575. Asked for info in my rpt to 660. (Merriman, VA)
- 1124.6 ? UNID, loud LA mx, SS talk, no ID recognized so far, very strong 0310 1/2. Prob either Dom Rep, Panama, or Costa Rica, but would like to narrow it down. (Everitt, OK) ('Tis TISRHR, per last week's DXWW. bp)
- 1125 ? UNID, separate from 1124.6 unid & usually not in at same time, good w/LA mx, YL anc 0245 12/31; note McNeil has it as Costa Rica, does not appear to be //4832 or 6006, but he mentions similar thing. (Everitt, MS) +Very confusing situation here. R. Exitos noted w/ strong sigs atop a 2nd LA from 2340 tunein 1/5. R. Antilles was consistently here in the recent past but on this occasion 2nd stn seemed //CR xrs on 4832 & 6006 kHz as McNeil reported in 12/24 DXWW. (Stanbury, ON)
- 1135 ? UNID, LA mx w/lots of drums, noted at fair level 0255 12/31, while trying to check out 1125 unid. (Everitt, MS)
- 1140 MEXICO, Monterrey, NL, XEMR, must be the one here w/ odd jx - a drumroll followed by YLs screaming something, then a horse sound produced by a trumpet. The YLs may be saying "M-R!" but I can't tell thru the static. Lots of comms. WCers, what do you think? (Baskind, MS) +Most likely the source of Mexican pop mx 0730-0830 1/9; no legal ID hrd but lots of SIDs by YL that sounded like "La...M-R" followed by a cheer. Sounded automated. (Tomer, CA)
- 1140 CUBA, Camaguey, CMJK, R. Reloj, ID & format 1140 1/2 w/fair sig alone on freq. First time hrd. (Baskind, MS)
- 1155 t EL SALVADOR, San Miguel, YSCF, possibly the one w/SS promos by OM, soft LA mx 0300 12/31. However, sounded like "R. Trio" or similar. (Everitt, OK)
- 1160 COLOMBIA, Barranquilla, HJBL, R. Aeropuerto, fair 12/23 0555 in KSL null w/ID & mx. (Lazar, WI)
- 1160 DOMINICAN REPUBLIC, Santiago, Radiolandia, HIBG, 12/22 0352 w/ID 0440 thanks to Forsman tip. Poor-fair overall. (Baskind, MS)
- 1170 h COLOMBIA/VENEZUELA, R. Cúcuta is a new stn on this freq w/harmonic hrd several times on 2340 kHz until 0400 s/off. However, in the past a Venezuelan, R. El Sol at La Fria, operated here & La Fria is less than 50 miles from Cúcuta. Further E. El Sol once also had a strong harmonic on 2340. But R. Cúcuta definitely announced as a Colombian. (Stanbury, ON)
- 1170 MEXICO, Reynosa, XERT, OM w/shouts "R. Hits!" taped ID 1143 1/2. Fair. (Baskind, MS)
- 1176 COSTA RICA, Limón, TIQ, likely source of LA mx w/good sig in domestic slop. This one's been festering here for some time now & I'm convinced it's them. 0339 1/2. (Everitt, OK)
- 1180 DOMINICAN REPUBLIC, Santo Domingo, HIBE, R. M1, s/on 12/31 0905 w/a long list of HI- calls, including this one. Faded into heavy slop 0910. (Baskind, MS)
- 1180 VENEZUELA, Cd. Ojeda, YVWJ, R. Petrolera had been in most of the morning when finally it IDed w/"R. Petrolera" SID, "N-J, N-J" by OM anc 1109 12/31. There were bits & pieces of another LA below it w/a couple "Portales" & "...en Santiago" ments, but much too tentative to list. Interesting nonetheless. (Baskind, MS)
- 1190 ? MEXICO, unid, 1/2 1149, usual Ranchoero fare here, a muffled IS around 1153. Must be a Mexican but no shreds of ID or any city ments. XEWK? I was rushing to beat LSR & didn't have time to check //s. Poor-fair. (Baskind, MS) (The use of an IS suggests XEWK. They have the same IS as XEW-900, XEWA-540, etc; I believe it has 4 descending chimes. bp)
- 1197 t HONDURAS, San Pedro Sula, HRVW, prob the one w/LA pops & some U.S. mx, SS DJs 0320 12/31. Has been noted many evenings lately, but often buried in unquenchable WOAI slop; note listing for this on 1196 in Foreign log, but 1197 in WRTH & on my dial. (Everitt, OK)
- 1197 PANAMA, Ondas Tropicales has been missing from this spot since about 1/1. But Ondas Tropicales definitely was one here w/consistently good sigs. (Stanbury, ON)
- 1210 VENEZUELA, Coro, YVMN, R. Coro, xInt at times 1/2 0715 w/"1-2-1-0" & 0749 w/"R. Coro" ID. Lots of romantic songs. 2nd SS there occasionally. (Seaver, CA)
- 1210 ? UNID, 1/2 0915 SS in fair, noted in passing w/good uptime LA mx. (Korinek, CA)
- 1265 ST. KITT'S, Basseterre, R. Paradise, best ever 0915-1010 & 1055-1105 1/2, thanks to KYA being on w/carrier only & possibly low power. Modulation rather weak so not always readable. Too bad I missed 0900 s/on for a good rpt. Freq = 1264984.15 Hz measured at 0922 & rechecked later - stable. (Peterson, CA)
- 1510 MEXICO, Celaya (per Mexiglen list), XROF, noted w/call letter ID, "Escucha X-E-O-F, 1510 kHz, desde... (something)". Usual Mexican format...is this now 5kw or 250w? (Baskind, MS)
- 1520 t MEXICO, San Luis Rio Colorado, XEEH, prob the one here w/XE-- format 1217 1/2, but no ID. (Baskind, MS)
- 1530 MEXICO, México, XEUR, R. Onda, blasting in & all alone w/rock steady powerhouse sig, SIO 555, "R. Onda" taped echo ID 1208 1530. XInt. (Baskind, MS)
- 1550 CUBA, Santiago de Cuba, CMDV 1206 12/31 w/odd IDs, "Reloj Doubleve R-H-C Cadena", time ticks, features, & machine gun sound effects w/TCs. Blockbuster signal. (Baskind, MS)
- 1550 MEXICO, Jalapa, XEXB 1227 1/2 after sunrise w/Ranchoero mx poor-fair sig. High QRM from Cuban stn. (Baskind, MS)
- 1560 MEXICO, Mexico, D.F., XEVIP, 12/31 0218 w/QRM from unid LA (possibly the other Mexican), fair sig & "Newswatch PM" program. (Baskind, MS)
- 1560 ? MEXICO, unid, 1/2 1315 SS, something about "musica del Norte" then few secs of Meco's "Star Wars". Direction would indicate something near the border. (Shugart, CA) (Probably XEJPV. bp)
- 1570 GUATEMALA, TGVE, 12/31 0509. Rlg's pgm & lots of hymns until marimba pgm 0526. XERF null'd, fair sig. ID 0541 as "R. de Guatemala". (Baskind, MS)
- 1580 COLOMBIA, Barranquilla, HJQZ, R. Principe, poor 0800 12/30 w/a bad het thats on this freq lately. Fairly clear "R. Principe presenta..." ID hrd thru the mess. Some QRM from KLOU also but no sign of WCLS on this Saturday morning. (Lazar, WI)
- 1584 a CUBA, (presumed per ID by Hutton), typical Castro Fare, drama of some type 0010 1/9. No ID noted. Sig varied from buried in the noise to fairly good. Seemed to loop to extreme eastern Cuba, but I don't have too much faith in my DF. (Merriman, VA)
- 1600 t MEXICO, Los Mochis, XEZA, seems to be the only possibility for the XE- here. A few Mexico mentions & many commercials, US disco/rock format. OM w/"Disco ...Disco Centro!" stn promo 0722 12/31. Mixing w/WXVI...ideas, pro or con? (Baskind, MS)

PACIFIC DX ROUNDUP

- 640 FIJI, Lautoka, R. Fiji, nil-xlnt 0920-0953 1/9, mainly w/OM & YL talking in native vernacular, occasionally fading up to much louder than the Cuban. At 0950 had 2 bongos on a clock chime, short mcast by YL in vernacular, R. Fiji ID 0952, then into island mx. Listed as R. Fiji One & was not //710 or 891. Lost to 5CK 0954. (Tomer, CA)
- 640 AUSTRALIA, Crystal Brook, 5CK, the probable source of Big Band mx covering Fiji 0954 1/9. 6 pips & ABC ID 1000 then rapid fadeout. (Tomer, CA)
- 655 NORTH KOREA, Pyongyang, very poor 1030 1/2. Could be mid-winter anomaly getting us again. "A" index was only 5. (Peterson, CA)
- 660 NEW ZEALAND, Wellington, 2YC, fair w/talk 1010-1015 1/9, then into quiet mx. //880. (Tomer, CA)
- 710 FIJI, Lautoka, R. Fiji, fair-good 0820-840 w/OM & YL talking, occasional chants. //891 but much stronger, really blasting in at peaks; KMPC no problem 1/9. (Tomer, CA)
- 750 JAPAN, Sapporo, JOIB, fair w/JJ talk 0915 1/9. First Asian TP hrd in several weeks. (Tomer, CA)
- 844 GILBERT ISLANDS, Tarawa, VSZL, fair-good 1/2 0930 w/Polynesian talk, 0946 w/singing & ukelele mx. This is very difficult to ID, they don't seem to give one in EE at 1000 s/off. I've only hrd one definite ID in 8 years of listening. (Seaver, CA)
- 850 ALASKA, Nome, KICY, good sig 1045 1/2 w/talk in native language. (Peterson, CA)
- 864 INDONESIA, further to our logging on the Beverage antenna 1/1, I replayed the tape of the chimes hrd at 1200. The chimes and the mx might possibly be part of the same musical piece, the mx was actually on a single instrument (probably an organ) and there is a percussion instrument w/a hollow, thudding sound in there also. The interesting part however is that I had my wife play the Indonesian Foreign Service IS listed in WRTH and lo & behold, they are very similar (but not identical). Don Kaskey has a tape of a stn hrd by Mike Hardester on 1135a w/an IS which is also similar, but not identical, to the FS IS. I suspect it's the same thing I have on tape. Can any DU members help confirm this? (Portzer, WA)
- 880 NEW ZEALAND, Auckland, 1YC, hrd //660 1015 1/9; much weaker. (Tomer, CA)
- 1000 NEW ZEALAND, Tauranga, LZD, fair in HJ mull 1/2 0938 & 1003 w/soccer game. KOMO OC off. (Seaver, CA)
- 1134 INDONESIA, Banjarmasin, RRI, audio again; in fact, best so far at 1150-1215 1/2. Very steady on 1134.000. Looks like RRI keeps a tight reign on freq. (Peterson)
- 1350 t HAWAII, Lihue, KIVM, 12/27 0400 clear ID sure seemed to be 'KIVM' thru severe KSRO/KCKC QRM. Never know what you're gonna find! (Shugart, CA)

WHODUNIT DX ROUNDUP

- 1524.5 UNID, OC w/moderate fade. Believe to be domestic bootlegger, although apparent skywave fade would make this at skip range. Noted at several times lately; have no loop, 0728 1/2. (Everitt, OK)

VERIFICATIONS

- 800 NETH. ANTILLES, Bonaire, TWR, card w/photo of studios at night, sked, & lots of rlg's pamphlets. In 20 days for no RP. Sent airmail, despite TWR's usual policy of requiring IRC's for airmail reply. (Brooker, ON)
- 800 NETH ANTILLES, Bonaire, R. Nederland, card w/photo of RN's DX show hosts, sent from Hilversum in 19 days for no RP. (Brooker, ON)
- 860 MEXICO, Tijuana, XMO, date only green/gold card postmarked San Diego in 31 days. V/s was J.C. Gates & Co., 1717 N. Highland, Hollywood, CA 90028. (Brooker)
- 890 AUSTRALIA, Adelaide, 5AN, typical ABC card w/particulars. 32 days w/2 IRC's. (Korinek, CA)
- 1100 ANTIGUA, St. John's, ZDK, verie letter, coverage map, & pen pal letter from stn secretary Loretta Isaac, who wants to be a friend of mine. Rcvd in 30 days for 1 IRC. (Brooker, ON)

REPORT FROM OKINAWA - Mike Hardester

"Local FEN-648 is now back to 650 kHz & is announcing same since Thursday 12/29 when I returned to Okinawa. My contact at FEN is on leave, so I'm not sure what's going on. Will follow this up. No audio on FEN Iwakuni/Misawa noted, so not sure if on 1575 or back on 1580." (The FEN stns changed freq 11/23/77, one year to the day before the change is scheduled to go into effect for everyone else. It's possible that some-

where in the Federal Bureaucracy, someone made a typographical error, causing FEN to receive orders to change freq on 11/23/77 instead of 11/23/78. Later, someone may have discovered the error and decided to switch back to the old frequency until the correct date for switching to the 9 kHz plan comes along. An interesting thought anyway.... by no means the worst mistake the government has made, hi. bp)

PROPAGATION

"W/a solar flux of 139 & K-index of 2 or less, makes 1/2 xlnt for skip cx, especially for Pan America. (Korinek, CA)  
 "A long period of favorable TA cx was noted 12/20-1/3. A Long-wave scan was done during a DX break at a New Year's party at the house of a ham friend w/an R-390 & MOSFET LW converter, France-164 & Germany-180, both in FF, were loud around 0400 1/1. On 1/3, while driving home from work, Portugal on 719 & 755 were noted up well around 2200. On the evening of 1/4, auroral cx had set in: best TA's were 764, 1403, & 1349, all Africans. Europeans were poor - towards 0100 on 1/5 band cx were auroral w/a vengeance. By 0400, cx seemed to be fluttry short skip; LA's were not too strong except for PJB which was blowing the house down w/an outrageous sig. Evening of 1/5 auroral cx w/domestic skip signals severely weakened; LA's not particularly strong, but generally dominant o/US skip stns." (Connolly, MA)

"TA cx are up the last few days (1/3 & earlier, bp). In fact this has probably been one of the best periods of TA reception this season. One interesting observation: although cx have been quite good at LSS there has been a tendency for cx to fall off after, say, 2300 & be mediocre for the rest of the evening, even at European sunrise. Roma & other lowband TAs are often exceptions to the above, however. There's been quite a run of low A-indices the last 7-10 days. If it weren't for the MWA, I think this would have been a really outstanding period of TA reception. Another interesting note: the solar flux values (which are a measure of solar activity much like the sunspot number but more frequently used by researchers (so says the gov't) than the Zurich numbers) have been much higher than last year. Values ranging in the 130's have been noted the last few days as compared to values in the low 70's last year (i.e. fall-winter 1976-7). My gov't forecasts say that the next 6 months should show a steep rise in sunspot number, which is characteristic of solar cycles.' The thing that bothers me is that even during sunspot maxima in the late 60's there were still much better TA/TF receptions than there are now. Is there, perhaps, a psychological factor involved here? Are people so convinced that good TA reception is impossible that they have given up? If Russians & other high latitude sigs were hrd w/pretty fair regularity during the late 60's where are they now (or last season)?" (Richard Eckman) (I can think of several reasons why TA/TP cx isn't as good now: 1) There are more ANers/NSPers that there were in the late 60's, hence some TP's cannot be hrd now; 2) The background noise level is higher now, due to a rapid increase in the number of RFI-producing consumer electronics devices. This effectively masks many of the weaker stns and makes others more difficult; 3) Possible ionospheric phenomema (natural or man-made) whose effects on BCB propagation is unknown or little understood. Mankind's understanding of the ionosphere is even less than that of the weather! bp)  
THE END IS NEAR....

Whew! It's about time I got done with this thing. I'm falling victim to a catch-22...if cx would only get worse I'd have fewer tips to type and then I'd have more time to DX. Unfortunately, I probably wouldn't be able to hear anything them... Cx on 1/4 were interesting. I could barely hear WWL! After checking w/WWV I discovered the K-index was 5 & the A-index was 70! I then tured to 690 expecting to hear XETRA wiping out CBU, as often happens. Instead I hrd CBU in well w/only slight traces of XETRA in the background. The aurora had apparently wiped out most of XETRA's skywave, leaving mostly just CBU on groundwave....

Contributors.....

- Chris Baskind, 603 Enger Drive, Pascagoula, MS 39567
- Modified TRF, Forsman's DX-160, fallen longwires
- Mike Brooker, 245 Old Forest Hill Rd., Toronto, ON M6C 2N5
- Mark Connolly, 52 Amsden Street, Arlington, MA 02174
- R-390A/URR, SM-2
- Richard Eckman, 2328 Griffith St., Philadelphia, PA 19152
- Modified HQ-180A, Sanserino loop
- Doug Everitt, 1710 W. Maine, Enid, OK 73701
- R-390A/URR, 50 meter LW, Panasonic RS-460S
- John Feltman, 4324 Valley Drive, Allentown, PA 18104
- R-390A, SM-2
- Mike Hardester, Box 2723, USNAVREGMEDCEN, Seattle, WA 98778
- Dave Korinek, 4769 Calle Solimar, Oceanside, CA 92054
- R-388, Sanserino loop
- Paul LaFreniere, P.O. Box 606, Grand Marais, MN 55604





# DX RECORDS

HEARD: Dr. Michel Breger  
VERIFIED: Steve Moss  
GRAVEYARD: Walter Kuenast

CENTEXDX: 7217 Creekside Drive, Austin, Tx 78752.

### GRAVEYARD RECORDS

### CONTINENTAL QTH - 1400

Call	Location	Miles	DXer-Location
WMSL	Decatur AL	1963	Allen, Vallejo CA
WXAL	Demopolis AL	1957	Allen, Vallejo CA
WFPA	Fort Wayne AL	790	Edmunds, Parsippany NY
WJLD	Fairfield AL	663	Breger, Austin TX
WJHO	Opelika AL	2095	Allen, Vallejo CA
KSEW	Sitka AK	1428	Allen, Vallejo CA
KXIV	Phoenix AZ	865	Breger, Austin TX
KTUC	Tucson AZ	1115	Kaskey, Galva IA
KVOY	Yuma AZ	568	Allen, Vallejo CA
KELD	El Dorado AR	912	Wheeler, Erie PA
KCLA	Pine Bluff AR	619	Kaskey, Galva IA
KRE	Berkeley CA	1441	Kaskey, Galva IA
KREO	Indio CA	1353	Kaskey, Galva IA
KQMS	Redding CA	1400	Belanger, Winnipeg MB
KSLY	San Luis Obispo CA	896	Portzer, Seattle WA
KQIQ	Santa Paula CA	862	Kemper, Grand Junction CO
KTRT	Truckee CA	575	Portzer, Seattle WA
KUKI	Ukiah CA	587	Christiansen, Seattle WA
KONG	Visalia CA	1295	Kaskey, Omaha NE
KRLN	Canon City CO	920	Allen, Vallejo CA
KDTA	Delta CO	667	Dabelstein, Omaha NE
KFTM	Fort Morgan CO	1005	Thatcher, Redwood City CA
KEZZ	La Junta CO	1012	Allen, Vallejo CA
WSTC	Stamford CT	74	Breger, Long Island NY
WFTL	Ft Lauderdale FL	1050	McCormack, W Lafayette IN
WIRA	Ft Pierce FL	1361	Kaskey, Galva IA
WNUE	Ft Walton Beach FL	813	Bright, Muscatine IA
WTRR	Sanford FL	2422	Allen, Vallejo CA
WSGC	Elberton GA	2194	Allen, Vallejo CA
WNEX	Macon GA	938	Kaskey, Galva IA
WSGA	Savannah GA	658	McCormack, W Lafayette IN
KART	Jerome ID	535	Kamp, San Jose CA
KRPL	Moscow ID	1095	Kaskey, Galva IA
KIGO	St Anthony ID	683	Allen, Vallejo CA
KSPT	Sandpoint ID	759	Allen, Vallejo CA
WDWS	Champaign IL	1803	Allen, Vallejo CA
WGIL	Galesburg IL	1702	Allen, Vallejo CA
WROZ	Evansville IN	504	Dabelstein, Omaha
WBAT	Marion IN	1869	Portzer, Seattle WA
KCOG	Centerville IA	836	Kemper, Grand Junction CO
KVFD	Ft Dodge IA	707	Wheeler, Erie PA
KVOE	Emporia KS	1410	Allen, Vallejo CA
KAYS	Hays KS	1232	Allen, Vallejo CA
WCYN	Cynthiana KY	282	Zondio, Hammond IN
WIEL	Elizabethtown KY	611	Kaskey, Galva IA
KAOK	Lake Charles LA	1734	Allen, Vallejo CA
WRDO	Auzusta ME	1332	Dabelstein, Omaha
WWIN	Baltimore MD	544	McCormack, W Lafayette IN
WALE	Fall River MA	831	Evans, Gary IN
WLLH	Lowell MA	260	Edmunds, Parsippany NY
WHMP	Northampton MA	69	Morby, Ballston Lake NY
WKNR	Battle Creek MI	305	Bright, Muscatine IA
WJLB	Detroit MI	2067	Allen, Vallejo CA
WGON	Munising MI	331	Hogan, East Chicago IN
WSAM	Saginaw MI	766	Markewicz, Winnipeg MB
WSJM	St Joseph MI	236	Bright, Muscatine IA
WTCM	Traverse City MI	511	Kaskey, Galva IA
KEYL	Long Prairie MN	357	Bright, Muscatine IA
KMHL	Marshall MN	581	Belanger, Swan River MB
KFEY	St Paul MN	621	Belanger, Swan River MB
WHLE	Virginia MN	712	Wheeler, Erie PA
WRIP	Booneville MS	1876	Allen, Vallejo CA
WNBC	Columbus MS	565	Hogan, East Chicago IN
WNAG	Grenada MS	768	Wheeler, Erie PA
WFOR	Hattiesburg MS	892	Wheeler, Erie PA
WJQS	Jackson MS	776	Kaskey, Galva IA
KFRU	Columbia MO	1604	Allen, Vallejo CA
KJCF	Festus MO	224	Bright, Muscatine IA
KSIM	Sikeston MO	647	Breger, Austin TX
KTTS	Springfield MO	900	Markewicz, Winnipeg MB
KDRG	Deer Lodge MT	649	Belanger, Swan River MB

KXGN	Glendive MT	1082	Allen, Vallejo CA
KARR	Great Falls MT	874	Allen, Vallejo CA
KBRP	Ainsworth NE	827	McCormack, W Lafayette IN
KCOW	Alliance NE	1048	Allen, Vallejo CA
KLIN	Lincoln NE	1351	Portzer, Seattle WA
KRFI	Henderson NV	1002	Ford, Vancouver BC
KHNA	Winnemucca NV	305	Allen, Vallejo CA
WPRL	Berlin NH	170	Morby, Ballston Lake NY
WTSL	Hanover NH	270	Edmunds, Parsippany NY
WOND	Pleasantville NJ	1107	Kaskey, Galva IA
KTRC	Santa Fe NM	1466	Wheeler, Erie PA
KCHS	Truth or Consequences NM	1460	Wheeler, Erie PA
KTNM	Tucumcari NM	1176	Belanger, Swan River MB
WAPY	Albany NY	429	Heimbuerger, Port Huron MI
WYSL	Buffalo NY	449	Kramer, Chicago IL
WSLR	Ogdensburg NY	290	Wheeler, Erie PA
WBMA	Beaufort NC	80	Allinson, Wilmington NC
WGFG	Greensboro NC	440	N. Hardy, Fredonia NY
WLSE	Wallace NC	180	Singer, Richmond VA
WHCC	Waynesville NC	2165	Allen, Vallejo CA
WSMY	Weldon NC	463	Breger, Long Island NY
KEYJ	Jamestown ND	414	Dabelstein, Omaha NE
WMAN	Mansfield OH	677	Kaskey, Galva IA
WPAY	Portsmouth OH	703	Kaskey, Galva IA
KWON	Bartlesville OK	702	Kemper, Grand Junction CO
KTMC	McAlester OK	1482	Allen, Vallejo
KNOR	Norman OK	530	Kaskey, Galva IA
KNND	Cottage Grove OR	394	Allen, Vallejo CA
KJDY	John Day OR	282	Portzer, Seattle WA
WEST	Easton PA	69	Mount, Teaneck NJ
WJET	Erie PA	584	Eddie, St Louis MO
WFEC	Harrisburg PA	552	Evans, East Chicago IN
WWSF	Loretto PA	449	Evans, Valparaiso IN
WKRI	St Mary's PA	2303	Allen, Vallejo CA
WICK	Scranton PA	605	Evans, East Chicago IN
WRAC	Williamsport PA	521	Evans, Valparaiso IN
WCOS	Columbia SC	2300	Allen, Vallejo CA
WGTN	Georgetown SC	1088	Kaskey, Galva IA
KPJM	Lemmon SD	391	Markewicz, Camp Morton MB
WJ7N	Clarksville TN	607	Kaskey, Galva IA
WHUB	Cookeville TN	700	Kaskey, Galva IA
WLSB	Copper Hill TN	394	McCormack, W Lafayette IN
WKPT	Kingsport TN	2163	Allen, Vallejo CA
WGAP	Maryville TN	2107	Allen, Vallejo CA
WHAL	Shelbyville TN	696	Kaskey, Galva IA
KRUN	Ballinger TX	1310	Allen, Vallejo CA
KBYG	Big Spring TX	260	Hauser, Van Ormy TX
KUNO	Corpus Christi TX	1635	Allen, Vallejo CA
KILE	Galveston TX	195	Moss, Austin TX
KGVL	Greenville TX	1501	Allen, Vallejo CA
KIUN	Pecos TX	1510	Portzer, Seattle WA
KEYE	Perryton TX	1176	Allen, Vallejo CA
KVOP	Plainview TX	1434	Portzer, Seattle WA
KDWT	Stamford TX	1489	Portzer, Seattle WA
KTEM	Temple TX	862	Kemper, Grand Junction CO
KTFS	Texarkana TX	953	Wheeler, Erie PA
KVOU	Uvalde TX	144	Kuenast, Austin TX
KIXX	Provo UT	998	Markewicz, Camp Morton MB
WDOI	Burlington VT	296	Edmunds, Red Bank NJ
WHLF	South Boston VA	400	Wheeler, Erie PA
WINC	Winchester VA	257	Wheeler, Erie PA
KEDO	Longview WA	550	Kaskey, Sacramento CA
KRSC	Othello WA	1917	Wheeler, Erie PA
KINT	Tacoma WA	607	Kaskey, Sacramento CA
WRON	Ronceverte WV	2254	Allen, Vallejo CA
WKWK	Wheeling WV	2206	Allen, Vallejo CA
WETH	Williamson WV	776	Kaskey, Galva IA
WATH	Ashland WI	1689	Allen, Vallejo CA
WEIZ	Eau Claire WI	600	Wheeler, Erie PA
WDU7	Green Bay WI	929	Sorensen, God's Narrows MB
WRJN	Racine WI	695	Markewicz, Camp Morton MB
WRDB	Reedsburg WI	265	McCormack, W Lafayette IN
WRIG	Wausau WI	345	McCormack, W Lafayette IN
KATI	Casper WY	907	Allen, Vallejo CA
KODI	Cody WY	811	Markewicz, Camp Morton MB

### INTERNATIONAL QTH - 1400

Dr. Richard E. Wood (+)	Kailua HI	23 stations
Merv Branks (=)	Invercargill NZ	2 stations

One reminder. Please arrange your stations alphabetically by state for each frequency. This little extra effort on your part helps me avoid unnecessary page-flipping, since my records log is organized alphabetically by states. 23 members have contributed to Graveyard Records since I took over the column. Let's raise that total to 30 for the next edition of GYDXR to appear around March 15.

73's from CentexDx # # # # # # # # # # # # # # # # Walter

VOICE OF  
PUTNAM  
COUNTY . . . 1510 ON YOUR DIAL  
BREWSTER, NEW YORK 10509

## WPUT



K A P Y  
RADIO 1290

"The Quality Sound of the Olympic Peninsula"

**WPTK**  
"The All American Sound"  
Hartford & Oconomowoc, Wis.

## FEATURE

Bob Foxworth, GPO Box 2111, New York, N.Y. 10001  
Gene Martin's Forum report on page 98 of the current volume of DXM, pertaining to possible ECNA reception of Australia, New Zealand and Japan after November, 1978 and the implementation of a 9 khz bandplan, made interesting reading. This would afford "split-frequency" reception of these stations in North America. Martin prophesizes that these signals will arrive with enough volume to "drive you out of the house". However, before we rush out to buy a new alarm clock for the shack to help us partake of these treats, I believe a few points may be worth consideration and hopefully, discussion among ourselves.

(1). Most periods of DU reception ("DU" = "Down Under, i.e. Australia, New Zealand) that is consistently noted with reasonable frequency occurs during periods of sunspot minima which typically last for only several years out of the 11 year solar activity cycle. The historically fascinating reports of many DUs heard in the Eastern U.S. that DXers are fond of quoting from Redex magazine occurred around 1933-34 and are reported in such detail because during those years there were literally hundreds of aspiring listeners for DUs. Similar favorable conditions prevailed during the War years of 1944 but because the novelty of DXing had worn off for the common man, and because of conscription of many potential DX hobbyists, reports are less widely known. However, DXers reporting good DU conditions note a peak in receptions during these years. Examination of back issues of DX News for 1944 carry reports of "easy" DU reception over the U.S. (One such page was reprinted as a nostalgia item in DX News several years ago). During the following solar activity minima in the 1953-55 period, domestic QRM problems were finally becoming significant. Nonetheless, veteran EC DXers such as John Tweedie and Ron Schiller were able to hear stations such as 2 kw Australians on the high end of the band on Sunday mornings around local sunrise in the winter months, as then, stations here did not sign on until 7 AM or even later on Sundays. Schiller tells of being able to listen to "Hopalong Cassidy" on 2WL-1430 Wollongong, N.S.W. back then. However, again these favorable conditions seemed to taper off again and the next time a solar minima occurred, in 1964, favorable QRM conditions did not prevail. The only chance of hearing a DU then was on Monday morning when most all-nighters were down for maintenance or to give the all-night disc jockey a night off. Only a few open frequencies were available, in 1964. Then, 1510 was probably the best bet, with 2NA Newcastle, N.S.W. being an occasional visitor to the N.Y. area for those patient and lucky enough to be there at the right time. Reception seemed to be correlated to the 27-day solar rotational cycle and might be noted for several MM's in the Spring, March being favored, during a window of about a half hour, representing the time between the 2NA fade-in and the first OC from WLAC or an ET from one of the several daytimers on 1510 who were already operating. CJRS in Sherbrooke, P.Q. did not yet exist. Reception of other Australians was even more problematical. 740 produced 2BL in Sydney for Ben Dangerfield (near Phila, Pa.) once, though it was heard in the Midwest several times. This, again was before the days of all-night Latins and was before CBNM in Marystown, Nfld. came along with its 0930Z s/on which would block the channel. The only other reasonable possibilities for Australia back East were 2UE on 950 and 4QD on 1550 in Emerald, Qld. This station was not on the air in 1964 which makes comparison of reception cycles difficult. Today it operates mainly as a "relay" station, carrying ABC feeds. The door finally slammed on 4QD around 1973 when fulltimers on 1550 such as WAAY, WOKL along with a swarm of new daytimers testing their hearts out began filling 1550 with signals on Mondays. Even before this turning point, in 1971 and 1972, ECNA DXers were given the near-ideal situation of a high-power (50 kw) station on a very nearly "open" frequency during a window of about an hour per week, generally 0815-0915 Z. (At 0915 WKFE, Yaucou, P.R. would s/on and block the channel). The best results that could be obtained using adequate (Hammarlund communications) receiving equipment and either outdoor random-length wire antennas or 4-foot air core indoor box loops (both of which were standard, competitive antennas in the DXing community) would be to detect a carrier with the EFO on that "looped correctly" or to detect traces of audio, music or voice, that strained the imagination and were nowhere near adequate in detail for even a tentative reception report. It's instructive to note that these years were near solar maxima, slowly coming down from high activity points. During those two years, in the most favorable vernal equinox period, this writer missed checking 1550 only 3 MM's. On one of those MM's in March, 1973, 4QD made a respectable showing over much of the U.S. and DXing opportunity was lost here due to illness. Minnesota DXer George Sherman reported definite audio, so they might have been heard here, too. So,

therefore, the best this listener got from 4QD over two seasons were several highly tentative bits of carrier and highly tentative brief bits of audio that did not warrant sending reception reports, plus the probable catch we missed due to the flu. Extrapolating the availability of a clear channel from one morning per week to 7 per week as the new 9 khz bandplan would provide us with, we could assume that in years of similarly high solar activity counts, total yearly receptions (enough reception during a season with enough signal to produce reportable audio) would fall between 10 and 30. This is admittedly an inexact figure, as one would expect from lack of a more adequate data base in the 1 night/week case. Now, this brings us to the point of this paragraph. We are currently (late 1977) heading into a period of rapidly rising solar activity. In past decades, reported receptions of DUs on ECNA have been sparse, even with favorable "open channel" conditions. This is because of often unfavorable propagation. We see no reason to feel that the years ahead, lying outside the solar minima years, will be different. The currently beginning cycle is expected to peak in 1982 and current opinion is that peak will be pretty high after all. This will make long distance MW signals heard, most likely, only on rare occasional days & will require either a daily monitoring regimen during the favorable predawn hours, or construction of some sort of fix-tuned carrier detection receiver that would trip an alarm and/or start a tape recorder when signal levels in a narrow bandwidth receiver tuned to a desired carrier frequency exceeded a set level. A sophisticated noise integration circuit would be needed to differentiate between a weak, fading carrier and local sideband splash. Use of a synthesized broadband receiver with a microprocessor controlled tuning plan, to repetitively sample a range of "split" frequencies, would probably be required to make this type of plan successful. Alternatively, the DXer can trust to luck and hope he will be on frequency during the predawn hours when the "right" morning comes along. Which after all is the essence of the true International DXer! Although the situation as it pertains to New Zealand is a bit simpler, the major problems remain. Fade in times will be a bit earlier for the Zedders. This writer logged both 1YC-880 and 1ZD-1000 around 0830 Z in 1964 from New Jersey. For reference, the path from North Island to N.Y. passes over Baja California Sur, the Big Bend area of Texas and western Tennessee. Australian signals from Qsld. arrive over southern California. Unproven speculation has it that signals crossing the Equator at something like a 450 angle for some reason seem to produce the best levels. If this is so, it would seem to favor N.Z., in the sense that European DXers easily log deep South Americans. More work is needed on this problem. So it will be interesting to compare DU reception of the late 1970's with that in the late 1980's when, again, the solar cycle can be expected to bottom out. Finally, dealing with Martin's comments about hearing Japan in Boston, Gordon Nelson did have a tentative logging of JOIB-750 in the early 1960's, during a period of what was certainly extended geomagnetic quiet. The odds of Japanese reception on ECNA are even more difficult due to auroral absorption zone geography. The path from Japan to N.Am. just grazes the edge of the absorption zone over Alaska, effectively shadowing the Eastern part of the country. How much is shadowed seems to be partly dependent on solar activity. Long periods of geomagnetic quiet are necessary but not sufficient, according to Nelson and others, to produce such high latitude reception. Already in 1977 such conditions have been notably diminished, compared with the past two seasons. It is difficult to compare what lies ahead with geomagnetic conditions prevailing during the 1964 minima as not enough was then known about the mechanisms involved, and records needed do not go back far enough. However we believe it is fair to say that the extended solar and geomagnetic quiet needed to raise the possibility of Japanese reception on the ECNA will be quite scarce for the next decade. This will require the highest diligence and patience on the part of the DX'er.

(2). When comparing reception of the 1934 era to what may be expected in the 1970's we must remember that, although powers used were not much different (i.e., tens of kilowatts, typically), the antennas used then were much more favorable. Many stations used the "flat-top" which is a horizontal wire strung between two towers and which gave excellent sky wave radiation characteristics. On the other hand, today, stations are using antennas which are designed to curtail sky wave output. Quoting from a veritable letter Rick Heald received from stat on 2GL, Glen Innes, N.S.W. in 1964, heard in the San Fran Bay area, "We rarely receive reports from outside Australia mainly due to the fact that the antenna has been designed to produce minimum skywave. During periods when the antenna is not operating as designed i.e. top hat down for maintenance, or loading coil short-circuited, reports from North America, Japan and the Pacific have been received" and the letter was written by the Supv. Technician so can be assumed to be

authoritative. With increasing numbers of stations being placed on the air, we can assume use of these restrictive antennas will increase, with bad results for the DXer, unless the very low angle skip can make it into space off the surrounding terrain adequately well.

(3). It should be remembered that in all previous decades

the amount of man-made noise was much lower. The increase in decorative sign lighting, use of SCR light dimmers and motor control devices with very potent 120 Hz spike radiation and other nonsense create a steady state "floor" or "bed" of noise that just did not exist in the 1930 and 1940 era. This weak, ever-present noise can effectively mask weak DX signals or make them unreadable. Even the FCC Monitoring Station at Laurel, Md. had to seek new, more rural location several years ago, following development of new suburbs several miles away - the manmade noise increase was cited as the reason! DXers who talk about hearing DX signals on simple radios in the 1930's should examine what the s/n ratio was then and compare it to what they experience today.

(4). When listening for openings from DU stations in the 1930 and 1940's it was possible to tune the entire BCB and look for signals with essentially no interference from domestics. Reports from those years tell us that there were no more than a handful of "all-nighters" active then. This meant that, when an opening of relatively narrow geographic dimensions occurred, with just a few signals making it in, it was possible to find them as 100% or maybe 98% of the BCB was available for reception of weak signals in ECNA. Since 1973, as we pointed out in Para. (1) it is zero % (and maybe 10 - 15% on the WC today?). However, as was pointed out by Martin, in 1978 when the DU's change frequencies to the new 9 kHz bandplan, some of those freqs will become available to ECNA DXers. Assuming a moderately selective receiver, every frequency ending in 3,4,5,6 and 7 will become viable. Every frequency ending in 8,9, zero, 1 and 2 will be close enough to a North American domestic channel to make reception difficult. This alone makes the "availability" not 100% as in 1934, but only 50%. To a first approximation, the DXer will have to hunt twice as hard for a narrowly defined opening than he would have in 1934. Although 50% is a lot better than zero %! Now, assuming a better IF strip in the receiver, frequencies ending in 2 and 8 become available as well as the 3 through 7 ones. This gives us a 70% band availability. Pretty good! The moral is that good, narrow IF selectivity with steep selectivity skirts and a deep notch filter operating at IF (forget your QF-1's here) will be de rigueur. Frequencies ending in 9, zero or 1 will be pretty hopeless as the expected level will be so far below that of the interfering domestic that separation probably will be impossible. Hope for an unsked silent period or auroral blackout for those even-frequency channels.

(5). Those domestic stations that did operate in the earlier periods of favorable DU/TP reception generally used lower modulation than stations use today, making adjacent channel interference problems not significant. A number of unfavorable developments have hurt DXers in the last decade. Manufacturers are selling broadcast transmitters that are rated flat audio modulation to 15 kHz. This means that these transmitters can faithfully generate RF to match a lot of audio "junk" that is rammed into them by contemporary rock stations broadcasting 45's that are cut (recorded) with extensive audio processing and electronically generated music containing and causing high harmonic energy. Many stations, especially in major markets and being scheduled NSP, have switched from telephone lines to feed audio to the transmitter site to use of microwave STL (Studio-Transmitter Link) operating in the 960 MHz area. These STL's have essentially flat audio response, whereas older phone line service was sold as being "flat" to 15 kHz but in fact had rolloff above that figure. This kept higher frequency "splash" to a more tolerable level as the audio components did not make the trip to the transmitter over phone lines. Also, modern transmitters are capable of greater than 100% positive peak modulation, and the asymmetrical wave (negative peaks cannot hit 100% or the carrier is biased off) seems to generate more splash than otherwise. Modern radio program directors are making greater use of audio processing to increase the apparent loudness of their signal, especially as it is heard on car and portable radios which typify their audience. These procedures greatly increase the amount of sideband "splash" that is generated, especially greater 20 kHz above and below the carrier. Sometimes splash 40 kHz away! This radiation severely hampers not the enthusiast, but the casual listener as well. The interest in listening to (and not just the time signal. The need for such drastic measures, and is not proven in our

opinion, and the splash question is one that the FCC, in our personal opinion, has not adequately addressed itself to. It is a byproduct of competitive pressures in contemporary broadcasting. If the FCC continues to feel that there are nighttime "white areas" it will have to look at how much of the problem is caused by adjacent channel interference vis-a-vis co-channel QRM, among other factors. It is instructive to compare modulation envelopes of stations such as WKBW-1520, CKIM-1570 and WNBC-660 (after Sept., 1977 when they changed format to rock music) on a spectrum analyzer, with stations that use older transmitters and relatively little processing, or for example, CBC stations in Canada who maintain slightly lower modulation levels and do not transmit out-of-channel splash while yet maintaining a very "clean" sound with good level. Whether the slight difference in apparent loudness warrants generating such large amounts of sideband splash, which is in actuality an infringement on the rights of other listeners is an undecided question. However it remains that this splash will make DXing on adjacent "split" channels inordinately difficult compared to the way it was in previous years.

(6). "Psychological Reinforcement" may not be the most apt title, but it should convey the concept of what happens to a DXer who (a) logs and listens to a weak DX signal, and (b) tapes it and plays back the tape at some point later in time. The DXer will have a "fix" or an impression in his mind of how good the quality the signal was, which is often better than the actual reception. Upon replaying the tape, noise, fading, hetrodynes etc which were not recallable in the mind's recollection, are heard on the tape. In other words, it is common behavior to remember the good (the wanted signal) and block the bad (interference) from memory. So it seems to be reasonable to suggest that these receptions from the 1930's of stations with "good" volume which unfortunately could not have been taped, have been "embellished" by memory over the years and may not have been really as strong or clear as one might tend to recall. Lacking the recordings of the 1933-era signals that would be needed to prove or disprove the contention, all we can do is speculate. But the effect has been observed in many people, including this writer, so must be considered. It does make a case for taping one's DX - just in case your reception of a rare signal really WAS strong and clear!

In conclusion, in December, 1977, the FCC, recognizing some concern over the effects of having DU's switch to a 9-kHz bandplan, conducted tests with KFI and LZB moving off frequency to see what interference would result. The FCC and MAB, however, ignore a better source of data - the Europeans have been on a 9-kHz plan for years. While the Commission's talented engineers are concerned about the effects of hetrodyne interference that may be noted next year, we are curious as to how many interference complaints have already been lodged with WGN over interference from Portugal-719, or with KYW over 1061 QRM, or with WNGN over Algeria-548 or even for that matter, how many listeners complain about Caribbean signals on 545 and 1265. This is of concern as there seem to be groundswells of interest in adopting the reduced spacing in the Western Hemisphere, too, to increase the number of channels available. This would of course make us go back to Base 1 re the DUs and kill off TA DXing as well! Still unexplained is who would pay the massive conversion costs for the hundreds of stations with tightly tuned DAs etc. etc. in the US and Canada if the 9-kHz plan were adopted here, and what the ramifications would be for the hundreds of marginally profitable stations in the U.S. that might be forced into bankruptcy by the competition that would arise if the new frequencies were created. This may just be a dream of some communications lawyers and consulting engineers who would reap windfall profits at everyone else's expense. But it can't hurt to keep aware of what's happening.

So, we've tried to explain how we feel that there is not all that much to look forward to after the 1978 bandplan takes effect, although the opportunity will be greater, problems will remain. It remains to be seen if the ECNA International DXer can rise to the challenge and opportunity the new allocations will provide us. -30-

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At last...it's about time I came to the end of this column. For a while I thought it would never end. Till next week, 73 and hope you're enjoying your foreign log (if you haven't ordered one yet why not do so today; at \$4 each it's only a little more expensive than 2 six-packs and much more exciting. Depending on the type of booze you're used to it might even net you more DX than the six-packs would, hi). Good DX. bp.

1978 WRTH (World Radio TV Handbook) Offer.

Effective 2-1-78, I will accept prepaid orders for the 1978 WRTH for shipment upon release by Book Rate only and within the U SA only. Price postpaid is \$9. SPECIAL for those under 18 or over 18 who have never owned a WRTH, \$7 postpaid. This is less than cost even without postage and is only for those who are under 18 or those who are over 18 and have never owned a WRTH. All others, \$9 postpaid. Each order must specify IRCA membership and be accompanied by a personal check (preferably) or money order, and a SAS# for confirmation of shipment. Delivery from the publishers and distributor Watson-Guptill is not ex-

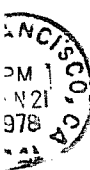
pected for several weeks, so please don't rush. Send orders to: Donald Erickson, 6059 Essex St., Riverside, CA 92504. This is strictly a private commercial venture and your club accepts no responsibility; send inquiries and complaints to the same address. DEE.

A NOTE FROM JIM HOPKINS of PITMAN N.J.  
Jim notes WGRV-1580 DX was heard 1/5 and that WFAT-1620-the NY Pirate was on NYE ta king phone calls. Received calls from some NRC & IRCA members.

UPCOMING DX GET-TO-GETHERS

- Sat. Feb. 4--Ground Hog Day(+2) Gathering at the home of Bruce & Evelyn Portzer, 6546 19th NE, Seattle, WA. Noon to ?? . Plenty of talk & munchies to eat. Give Bruce a call, prepaid, at (206) 522-2521 if you plan to attend.
- Sat. Feb. 11--Southern California Area DXers (SCADS) will meet at the Valley View School Auditorium, 5361 Sisson Dr., Huntington Beach, CA. Doors open at 8 AM and the meeting will be 10 a.m. to 5 p.m. Voluntary donation of \$1 to help cover expenses; there will be soft drinks, cookies & donuts & lunch will feature pizza and fried chicken. For inquiries or to be added to the mailing list, write: Donald Erickson, 6059 Essex St., Riverside, CA 92504. For last minute info, call (714) 687-5910 anytime through Feb. 10. All IRCA members are invited and specifically urged to attend.
- Sat/Sun. Feb. 18-19--Chicago Area DXers (CADX) will hold their 6th annual west suburban get-together at the home of Karl Forth, 630 S. Ardmore, Villa Park, IL. Activities will include DXing, listening to tapes and looking at veries, a table tennis tournament, nerf soccer, bull sessions etc. Bring any DX oriented things you want. Important: Please drop me a card or letter at school if you are planning on coming, because that's where I'll be prior to the GTG.

Our congratulations to the National Radio Club for their giant issue of 12/30/77. 64 pages and their biggest ever. At the same time we'd like to thank all of you IRCA contributors who have consistently kept all the editors busy this volume. As of this issue we have given you 46 more pages than the same time last year, thanks to your contributions.



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.

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Opinions appearing in DX FORUMS are those of the contributors and do not necessarily reflect those of IRCA, the publishing staff, or the DX FORUM editors.

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