

DX Monitor

Devoted Exclusively to
Broadcast Band DXing

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Issue Number 535

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DX Calendar

- Mon Jan 28 KUEN-900, Wenatchee, WA, 1000w, D1, will test 0300-0330 EST. Send your reception report to Randall Beckstead, CE, KUEN, Box 79, Wenatchee, WA 98801. Arranged by Neil Zank, NRC.
- Mon Jan 28 KVEL-920, Vernal, Utah, 5000 w, D1, will test 0700-0800 EST. Reception reports go to Margaret Hemmert, CE, KVEL, Box 307 Vernal, Utah 84078. Arranged by Wayne Heinen, NRC.

Odds & Ends

For those of you planning a trip to a DX Convention this summer, these dates and places should come in handy. The ANARC convention will take place July 18-20, 1980 at the University of California at Irvine campus, near Los Angeles. The NRC convention will be held August 30-September 1 in Los Angeles. Our convention will descend upon Louisville August 15-17. I'm not sure when/where the WTFDA convention will occur, but I believe it will be in Dunkirk, NY in July. Someone correct me if I'm wrong....

KEKA-790 in Eureka, CA is now on the air. Was noted by Bill & Nancy Hardy 12/27 with ABC info net features. And by myself on 12/30 w/rock oldies. The station is 5000 watts, daytime only. Also see Randy Tomer's forum for more details on the station.

KMO-1360, Tacoma, WA, will be moving their transmitter to a new location sometime in January, according to the Seattle Times and Pete Taylor.

Contrary to what has been said in WDXR reports recently, KNBR-680 now seems to be all-night on Monday mornings again and KTWO-1030 has been off two Monday mornings in a row after being on all-night for 2-3 MMs.

Errata Dept.: In Thomas White's article on page 13 of the 12/29 DXM, "5 1/2 hours weekly" in the 13th line of the third paragraph should have been "5 1/2 hours daily".

So far this season, IRCA members have contributed 325 DX Roundup reports, 190 DX Forum Reports, and 124 DX Worldwide reports. I'm not sure how many tips that adds up to, hi.

In case you've been wondering what Niel Wolfish has been "hint hinting" about during the last few weeks, see page 490 of the July 14, 1979 DXM. He's planning to do a special list of everybody's Graveyard channel totals, including number heard, verified, taped, and best catch and verie. Send your statistics in to him if you haven't already done so.

Have you ordered your IRCA T-Shirt yet? Now's the time to do it, before prices go up. Buy one for your wife or girl friend and watch the expression on her face when you give it to her as a Ground Hog's Day present!

til next week....Bruce Portzer

Eastern DX Roundup

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

DEADLINES: Mondays - All times are Eastern Local

Splatter:

- "Notice the KNBR-680 logging in the latest CFTR SP." Mike Brooker - ON
 "Finally at long last!" (see WSEN-1050) Linda Morby - NY
 "WLGN-1510 plays the most new music in SE Ohio." Paul Mount - OH
 "First GY heard in a while. (see WMRC-1490)." Mike Saltmarsh - NH
 "New station # 4 this week." (see CBZ-970) Niel Wolfish - ON
 "My 40th state." (see KAAV-1090) Mike Brooker - ON
- 524 HEH OH, Newark 11/24 0207 Beacon sending "H E H" on Dan Jakubowski's Kenwood rx. (PRM-OH)
 (ed: Ken Stryker of LWCA has advised me that there are several new beacons on the air in the U.S. in this range, on 515, 521 and 524 kHz. So far they are on in OH, IA, TX and MT.)
- 540 *WGTO* FL, Cypress Gardens 12/10 0145-0206 ET (makes up for not hearing KEGG test) w/frequent ID's, after each song "This is WGTO in Cypress Gardens, FL testing with 50000 watts", played some c&w, "The Devil Went Down to Georgia" by Charlie Daniels & two Atlanta Rhythms Section songs. Good-very good o/WGR slop and slight XEWA QRM. (MB-ON)
- 560 WIS SC, Columbia 11/26 2154 Good w/teletalk, PSAs, "WIS cares about Columbia" slogan, phone # 772-5699 on auroral night. (PRM-OH)
 New.
- 620 WHJB PA, Greensburgh 12/19 1625-1631 Good. Mx w/F, Westport? Mall spot and SID. (ed: probably McKeesport) (MPS-NH)
- 630 CFCY PEI, Charlottetown 12/13 1627 Heard Canadian rx in EE, kept monitoring & caught a CFCY ID on tape. Weak. (BC-VF)
- 640 WHLO OH, Akron 12/13 1647 "WHLO Newstime" & wx for Toledo & other OH locations. Poor. (BC-VF)
- 680 (CFTR) ON, Toronto 12/3 0208-???? Noted off. (MB-ON)
 KNBR CA, San Francisco 12/3 0208-0239 W/talk show talking about The San Francisco City Council, Proposition 13 & electing another gay person on the SF Board of Supervisors to replace Harvey Milks who was shot last year, ID by YL "This is the Radio Voice of the Golden State Warriors" at 0230, into more talk; but was lost u/WCTT. My 4th CA. (MB-ON)
- WCBM MD, Baltimore 12/3 0208-0230 Generally on top of frequency w/top 40, local promos & ads. Was trying to null them for WCTT and KNBR. (MB-ON)
- WCTT KY, Corbin 12/3 0223-0230 w/U of K basketball game vs. Iona, ads for Tri-State Waterproofing & Corbin Building Supplies. Fair w/KNBR & WCBM. Game must have been tape-delayed because the game was still in the first half, when I tuned in. It would be a little too late for the game to still be in the first half, even if it was played on the west coast. (MB-ON)
- 750 WPDX WV, Clarksburg 12/8 1607 C&W song "Gentle on My Mind", ID by OM at 1609. Fade-out soon after. Poor w/CBL slop. (NW-ON)
- 780 WTAR VA, Norfolk 12/8 0020-0021 Poor w/ID by F. (MPS-NH)
- 800 WKEE WV, Huntington 12/7 1651-1655 w/local nx read by YL, ad for a formal shop in Huntington, also had ID as "Y-100-FM", ment Lawrence County in news. Gone at 1655 u/super pest CKLW. My 1st U.S. stn on 800, CKLW and XEROK don't count. (MB-ON)
- 810 KCMO MO, Kansas City 11/29 1710-1720 Nicely hammering WGY w/promo for KCMO "Call For Action" & "Ask the Lawyer" programs, spots for Community Federal Savings & Loan and United Airlines, tfc report, ID as "81 KCMO" into "You're So Vain" by Carly Simon, local nx and wx. (MB-ON)
- (WGY) NY, Schenectady 11/12 0102 Noted off at 0102 w/no OCs or anything. Frequency clear with newie R. Bahamas only station I heard. Was hoping for WKVM. (LSM-NY)
- WPED VA, Crozet 12/6 1634-1636 w/mor song, spot for Building Supplies store in downtown Charlottesville, spot for Budweiser and local wx, then gone w/WGY. (MB-ON)
- 840 WRYM CT, New Britain 12/8 1555-1605 w/Portuguese program, Latin & Brazilian mx, legal EE ID by YL at 1600 "You're listening to the beautiful music of Portugal with your host Alveido Baptista on WRYM New Britain" into more PP, possibly some ads in PP. Fair until WHAS came in at 1605. (MB-ON)

900 (CHML) ON, Hamilton 11/20 0100 Off, also off 11/21 & 11/22. (MB-ON)
 CKDR ON, Dryden 11/20 0150-0205 W/c&w mx, relaying CHMM-FM in
 Winnipeg, even had "Stereo 97" ID's, local nx at 0200, YL DJ,
 generally on top of frequency. (MB-ON)

910 CHRL PQ, Roberval 11/23 1630 FF, predominant w/WKAJ mullied (LSM-NY)
 WABI ME, Bangor 12/21 2322 Ad for "Brewer Cinema" & other ads and
 mor mx. In w/FF stn & others. (BC-VT)

WAVL PA, Apollo 11/28 1650-1700 W/local nx, Gospel mx, very long
 s/off amnt, s/off w/no SSB. Fair o/CKLY. (MB-ON)

WJRC TN, Johnson City 11/26 2202 Fair w/spot for place in Johnson
 City, then back into FB. New. (PRM-OH)

920 ???? UNED, 11/26 2205 Rock stn w/DJ Bill _____, using slogan "M 92"
 my guess is WMEL-FL considering aurora and format. (PRM-OH)

970 CBZ NB, Fredericton 12/12 0458 S/on w/"Oh Canada" into ID & nx.
 Poor-fair w/WWSW, WAVE & WDAY. New stn, #4 this week. (NW-ON)

WFUN OH, Ashtabula 11/24 1640 W/rr mx, ads, ments of Jefferson,
 IDs & SIDs, ex-WREO. TRF & 10-band could get it, but CBZ tot-
 ally predominant on DX-300 & Hammarlund. (LSM-NY) (RAM-NY)

1050 CFYN ON, Sault Ste Marie 11/26 2511 w/"I Want You Tonight" (PRM-OH)
 WSEN NY, Baldwinsville 12/5 1420 ID by female DJ o/w WHN mullied.
 Finally at long last! Pgm & DJ very similar to WHN, ads for
 Syracuse tipped me off. (LSM-NY)

1060 WGTR MA, Natick 12/15 1145-1207 Fair, pop mx, M at 1152, nx at
 1157 w/F & ID at 1207. I found a tape of the first 1 1/2 hours
 of the first broadcast on 11/11/72, that my brother recorded.
 Then it had strong signals. (MPS-NH)

1070 WTSO WI, Madison 12/7 1729-1731 W/c&w mx, local ads, ID as "34 de-
 grees on the Pat Martin Show at WTSO in Madison...", then
 gone at 1731 when they changed patterns. Was fair-good o/CHUM
 slop and CBA/CHOK mess. (MB-ON)

1090 CHR8 PQ, Longueuil 12/6 1605-1616 W/local nx, spots for Pepsi and
 McDonalds, s/off at 1616. Fair-poor u/pest CKKW & WBAL(MB-ON)
 (ed: pronounced 'long-gay')

KAAY AR, Little Rock 12/8 1752-1800 W/promo for "KAAY Christmas
 Wish" contest, spots for Bulova watches & Little Barn gift
 shop, wx & football scores by DJ, ID into "I Will Survive" by
 Gloria Gaynor at 1800, then gone when they switched to their
 night pattern. Fair o/CKKW & WBAL when on day pattern. WBAL
 took over after 1800. My 40th state, though I heard them be-
 fore in 1974 & didn't bother counting it for totals. That was
 before CKKW got a "pest license" on 1090 & made KAAY tough.
 (ed: Congratulations on 40th state!) (MB-ON)

1130 KWKH LA, Shreveport 11/26 1800-1810 W/local nx, traffic reports,
 s/stock mkt rpt, local wx, ID as "Playing your kind of country-
 KWKH" into c&w song, on top of WNEW/WCXI until fade-out at
 1810 u/WNEW. (MB-ON)

1140 KSOO SD, Sioux Falls 11/17 1755-1800 W/local nx read by YL, news
 report was called "KSOO News Drive", spot for Ford dealer,
 local wx, travelers advisory because of snow, list of cancellations
 because of heavy snow, spot for a farm equipt dealer.
 Fair o/WRVA & GKOC slop until WRVA took over/1800. (MB-ON)

1150 (CKOC) ON, Hamilton 11/23 0145 Off. (MB-ON)
 CHSJ NB, Saint John 11/23 0145-0150 W/song by Kenny Rogers, ID and
 Talk by DJ, PSA to fight cancer. Very poor w/pest CJRC and
 Larry King Show on WNDB. (MB-ON)

+ 12/9 2330 "C-H-S-J, the spirit of Saint John" ID, then wx ID.
 CKOC & others in there too. (LSM-NY)

1170 KVOO OK, Tulsa 12/7 1730 Clobbering WWVA w/C&W mx, local traffic
 reports and many mentions of Tulsa. In so strong I thought it
 was WWVA. (MB-ON)

1270 CJTN ON, Trenton 11/27 2130 w/Leafs game, they are on the Leafs
 network. Fair-poor in WXYZ mess. (MB-ON)

1290 CJBK ON, London 12/16 0235-0236 Fair. ID and wx "Right now it's 2
 C at JBK" by M, then mx. (MPS-NH)

1300 WOOD MI, Grand Rapids 11/23 1948-2012 W/mor mx, NBC nx, PSA for
 Recycling, ad for Mr. Steak restaurant, NBC sports show with
 Joe Garagiola. Fair-good o/peaty WERE. (MB-ON)

1330 WFBC SC, Greenville 12/10 0035-0106 Best ever heard, way o/WRIE
 w/T40 by John Lennon, Dobie Gray, Gerry Rafferty & Paul Anka,
 ID's, spots for "1979 Christmas Sing on the Mountain", 0100
 NBC Nx, more T40 by Donna Summer at 0105. Fair-good. (NW-ON)

- 1340 WMID NJ, Atlantic City 12/6 2305 w/NBC Nx rather than Ac as per NRC Log. (LSM-NY)
- 1350 (CKAR) ON, Oshawa 12/8 0830-0915 approx. Off the air. (NW-ON)
- WZIX PA, York 12/8 0839-0848 ID after mx by Santana, then 2 songs nonstop by Jennifer Warnes & Paul McCartney & Wings, ID again & sports scores at 0847. Fair w/WSLR & WWBR, CKAR off. (NW-ON)
- 1360 WGEE WI, Green Bay 12/4 1715-1717 W/c&w mx, contest promo w/concert tickets as a prize, spot for carpet store. Fair-good o/WSAI, WIXZ & WDRG. First time noted at SSS. (MB-ON)
- 1380 WAWZ NJ, Zarepheth 12/10 0639-0641 Good-fair w/mx ID "1380, WAWZ, Zarepheth, NJ". ID sounded like WNBZ, but I definitely heard the location. (MPS-NH)
- 1410 KQV PA, Pittsburgh 12/12 1631 ID "from the K-Q-V newsroom", during nx. In w/WPOF & possibly WDOV. (LSM-NY)
- 1420 WBEC MA, Pittsfield 12/18 1637 Ad w/ID. Good but QSB. (BC-VT)
- 1470 CJVB BC, Vancouver (Info) 12/1 per call to stn, furthest call as of 0300 was "Brisbane" on their 50k Special. (PRM-OH)
- 1480 WTHI IN, Terre Haute 12/8 1714 Good w/C&W, "Country Fresh WTHI" slogan at 1714 in Logan, OH on car radio. (PRM-OH)
- WUEC UNID, 12/8 1640-1650 Good with IDs like "Music Radio WUEC" heard repeatedly. WUEZ-VA a possibility, though format doesn't fit as top 40 rock was heard. This on US 33 near Logan (PRM-OH)
- 1490 CFPS ON, Port Elgin 11/25 1704-1708 W/local nx, report on Grey Cup, 77CPOS-560. Fair-poor, only thing noted in GY mess. (MB-ON)
- WCSS NY, Amsterdam 11/16 2300 S/off is still 2300 as per Domestic Log, after nx, then NA. (LSM-NY)
- WMRC MA, Milford 12/14 1610-1613 Good. Wx 33^o, ID by F named Loraine and AAA road conditions. (MPS-NH)
- WNBT PA, Wellsboro 12/7 0753-0802 T40 followed by McDonalds spot, winter driving message, 0757 ID into "Babe" by Styx, 0800 ID "Mutual News on WNBT, Wellsboro", then Mutual News. Poor-fair o/mess. # 22 on 1490. (NW-ON)
- 1500 WFIW CT, Milford 12/9 1557-1603 Song by Captain and Tennille, 1600 ID "It's 4 o'clock at WFIW" into local nx. Pr-fr w/WTOP (NW-ON)
- WIAF GA, Clarkesville 12/5 1710-1726 W/c&w mx, ads for a drug store & discount store in Clarkesville, promo for a pgm on WAGA TV-5 in Atlanta, ID as "I-15" & "Habersham county's favorite radio station". Fair until f/out to WTOP at 1726. (MB-ON)
- 1510 CKOT ON, Tillsonburg 11/12 1608 Fair u/WLGN with talk about FM, nx said "sunny, listen again...Ontario" 1608 in daylight. New. (PRM-OH)
- WAUK WI, Waukesha 12/10 1710-1715 W/state & local wx, spot for the Waukesha State Bank, spot for the American Dairy Association of Wisconsin, s/off at 1715, no SSB. Fair w/WITS&WLAC (MB-ON)
- WJRC IL, Joliet 12/2 1731 W/sign off, no SSB. Poor-very poor u/pests WITS and WLAC. (MB-ON)
- 1540 WKIE VA, Richmond 12/2 1701 W/sign off, played choral SSB. Poor u/KXEL and WPTR mess. (MB-ON)
- 1560 KCJJ IA, Iowa City 12/10 0300-0330 Fair & alone on frequency, while looking for KEGG test (which I didn't hear) w/local nx at 0300, PSA for U.S. Catholic Conference, ID's as "In touch with Iowa City, KCJJ" & "From the Univ. of Iowa Credit Union, this is KCJJ, Iowa City", played various mx, T40, c&w, oldies & mor with no one type dominating. KKAA off on MM. (MB-ON)
- 1580 ???? UNID, 12/17 0000-0130 In almost constantly w/tone, no IDs of any kind heard. Very strong signal here. (LSM-NY)
- (ed: CBJ most likely)
- 1600 WAYC PA, Bedford 12/8 1533-1547 Fair. Mx "Jive Talkin'", then ID by M, mx "Please Don't Go", then mx by Dr. Hook, TC and wx, "___ WAYC degrees". (MPS-NH)
- 1620 "PRN" location? 11/12 0126 MM w/good sig. CLANDESTINE. DJ told about WFAT, on-air call from DXer in Quebec City, will QSL, gave ID slogan, into mx by The Who on request from caller. (LSM-NY)

PER THE LIST

7590 WGGG NY, Salamanca 12/10 0324 TT & voice ID, predominant. Not new. (LSM-NY)

EDXR

DX TESTS

960 KSRA ID, Salmon 11/19 MM 0300-0305 DX Test tried but not heard here. CHNS totally predominant on the frequency. (LSM-NY)
 1450 WKXL NH, Concord 11/12 0114 in fair w/very slow (5wpm?) A2 code IDs on DX Test, w/mess on freq, bits of audio here & there & possibly big band mx, tones preceeding code ID. IDed on code IDs only. Not enough for a report. Weak and fadey here. First time logged. (LSM-NY) (RAM-NY)
 (ed: A2 is tone-modulated CW telegraphy, also referred to as modulated CW or MCW.)

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REPORTERS THIS ISSUE

- MB-ON Mike Brooker, 245 Old Forest Hill Road, Toronto, ON M6C 2H5
Panasonic RF-2200
- LSM-NY Linda Sue Morby, Ushers Road, Ballston Lake, NY 12019
Realistic DX-300 & longwire; Mont'y Ward 10-band portable
- RAM-NY Roger A. Morby, Ushers Road, Ballston Lake, NY 12019
Realistic TRF, Hammarlund HQ-100C & longwire
- PRM-OH Paul Mount, 35½ West Columbus St., Nelsonville, OH 45764 and other locations mentioned within the DX reports.
Realistic TRF, car radio (GM)
- MPS-NH Mike Saltmarsh, 33 Fowler St., Penacook, NH 03303
Mont'y Wards GEN 1479A, Nat'l NC-183
- NW-ON Niel Wolfish, 15 Donwoods Grove, Toronto, ON M4N 2X4
Realistic TRF, FRG-7
- BC-VT Bob Curtis, 17 Cobbleview Dr., Colchester, VT 05446
Hammarlund SP-600 & longwire

Thanks to Paul Mount for the latest WLGN survey list. Very handy, in fact I've already used it to advantage in making up this issue.
 Thanks to Mike Saltmarsh for the interesting and intriguing Christmas card. Your outstanding DX-pertise is certainly exceeded by your artistic abilities.

73 and good DX Bob Curtis

TELEVISION INTERFERENCE

Broadcast band DXers usually are in the hobby only a short time before they learn that TV sets and DX listening don't mix very well. Nearly all television sets emit a raucous buzz throughout the broadcast band. In some cases, the noise, in the form of a "noisy" carrier every 15 kHz, extends well into the shortwave bands. These carriers are caused by the horizontal oscillators in the sets. The oscillators themselves are "locked" to sync pulses transmitted by television stations and are rich in harmonic content, the result being that all sets generate the harmonics at the exact same frequencies (to within a few fractions of a hertz). The main difference from set to set is the strength of the harmonics. On some, the problem is barely noticeable on a radio next to the set. Others can interfere with local AM stations on car radios over 40 feet away (as I've sometimes noticed).

What can be done to solve the problem? Very little actually. The most effective cure is to turn off the TV. Unfortunately this solution is not always enthusiastically welcomed by the person(s) watching the TV. A second possibility is to move either the TV or the receiver and/or antenna. This solution is not always practical, especially if your wife is watching her favorite program on the 200 pound console TV while, ten feet away, you're trying to hear Falkland Islands on your R-390.

Two solutions which might work are mentioned in the ARRL's Radio Frequency Interference manual. One is to install a high pass filter at the set's antenna terminals. The filter would be the same type that is used to prevent CB and ham interference. A second possible solution is to use an AC line filter at the TV set. While most TVs have such filters built-in, external filters have been known to reduce or eliminate the TV birdies. The use of antenna or line filters is based on the assumption that the interference is radiated along the TV antenna lead-in or through the AC lines. If it's radiating straight out through the cabinet, you're out of luck. I'd be interested in knowing if anyone has had any success in using these or other methods to reduce or eliminate interference from TV sets.

A list of "TVI frequencies" is shown on page 13 of this issue.

---- Bruce Portzer

Central DX Roundup

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

Deadlines: Tuesdays ----- 85° to 110°W ----- All times Eastern

WHAT'S NEW

- 790 KURM AR Rogers, new stn has been on the air since mid-Nov. (KDF-IL)
1140 WRLV KY Salyersville, 12/2 0430-0442 good w/ new (1st Sun.) f/c. (KDF)
-
- 560 WFRB MD Frostburg, 12/16 0601 very poor w/ line noise w/ s/on. WIND off until 0609. (KDF-IL)
590 WRAG AI Carrollton, fair thru KLBJ 12/21 1743 w/ s/off mentioning 94.1 FM. (RAL-WI)
KLBJ TX Austin, 12/21 1730 fair w/ about one minute of Mutual nx, ads, local headlines, pop mx. (RAL-WI)
600 CFQC SK Saskatoon, 12/10 0302 nx, wx, CFQC Sports, ad for Harmony Center Stereo Store and into old Beatles mx. Good. (DW-WI)
610 CHNC PQ New Carlisle, 12/1 0605 good o/ WDAF w/ ID, mx, FF talk. Is a SR regular. (KDF-IL)
630 WKEX GA Savannah, in good on 12/8 at 2129 w/ time, ID, and mx. (SEM-TN)
680 CKGB ON Timmins, 12/16 0326 briefly o/ CFTR w/ spots & jingle. WMAQ off. (KDF-IL)
740*KRMG*OK*Tulsa, 12/10 0229-0232 OC w/ anmt @ 0230 "This is KRMG Tulsa, OK conducting a test." Signal all alone. (DW-WI)
780 KSPI OK Stillwater, 12/8 SSS 1805-1815 w/ sports nx, into s/off w/ no anthem. Fair signal. (NZ-NE)
810*KBHB*SD*Sturgis, 12/2 0205-0230 good on ET w/ TT, mx, ID. (KDF-IL)
870 WFLO VA Farmville, 12/14 0715 poor/fair in WWL null w/ ID & spot. (KDF)
920 KKLS SD Rapid City, 12/9 1815 fair w/ mx, s/off, jingle during good cx to this area. (KDF-IL)
930 WGNT WV Huntington, 12/12 0257 male ancr taking phone calls and talking about old movies, ID as "93-WGNT" @ 0300 and into NBC nx. Signal was fair to poor but readable. (DW-WI)
990 KNIN TX Wichita Falls, 12/9 0305 C&W mx ending, then Release Me by Humperdinck. Promo for special C&W mx @ 7:00 P.M. Sat. Dec. 15th. Into mx by J.D. Suther, many ID's as "Your Mx Stn". Heard a few nights later with Ac nx. (DW-WI)
CBY NF Corner Brook, 12/3 0428 fair u/ WNOX w/ O Canada, CBC/NF s/on mentioning other stns, into nx. (KDF-IL)
- 1000*KOMO*WA*Seattle, 12/10 MM 0330 heard OC which I thought was WCFL so I turned up volume to catch station under OC when male ancr said "At one thousand on your dial this is KOMO Seattle." So loud that I and my 2 cats jumped 2 feet straight up in bed where I do my MM DXing. Ancr repeated ID twice then OC. Stn in back was often heard KTOK. No. 400 on Superadio. (DW-WI)
1020 unid ?? 12/10 0210-0216 SS phone-in talk show, any ideas Bob? KDKA nulled. Maybe this might be KTNQ or KBCQ. (DW-WI) (KTNQ is now SS so might be them, but could also be an LA--ed)
1050 CFYN ON Sault Ste. Marie, in extra strong on 12/10 from 1752 to 1801 w/ station promo, local rx, wx, temp., ID, & CBC nx. (SEM-TN)
1100 KFAX CA San Francisco, 12/10 0245-0300 weak but over Latin w/ religious pgm, ID 0300, PSA, into another rel. pgm. (KDF-IL)
1150 KSAL KS Salina, 12/21 1804 good w/ local nx. Still audible after 1815 pattern change but much weaker. (RAL-WI)
1190 KEX OR Portland, 12/10 0107-0158 fair/good in and out w/ mx, PSAs, nx. (KDF-IL)
1220 CJOC AB Lethbridge, 12/10 0241 briefly over CKSM w/ C&W mx, spot & promo. WGAR off, CHSC and CJRB also heard this AM. (KDF-IL)
1320 KOZY MN Grand Rapids, 12/10 0059 fair w/ wx, s/off, no anthem. (KDF)
1380 WQHK IN Fort Wayne, in good on 12/15 at 0210 w/ wx, ID, & mx. This is ex-WMEE. (SEM-TN)
CKLC ON Kingston, 12/9 0333 light rock mx "Do It to Me One More Time" ending. YL ancr w/ ad for rock group at local arena, more rock mx. Signal was poor but readable. Canadian #70. (DW-WI)
1390 WFBL NY Syracuse, MM 12/7 under WVON 0245-0315 w/ pop mx and several IDs. Tough w/ QRM. (NZ-NE)
1400 KCOW NE Alliance, MM 12/7 0200-0208 just after local KLIN s/off w/ ID, KCOW nx and s/off w/ SSB. I have been after this one for years. (NZ-NE)
WDUZ WI Green Bay, MM 12/17 0245-0300 up and down signal w/ T40 mx plus several IDs. (NZ-NE)

- 1410 WPXC AL Prattville, punched in strong under WING on 12/12 at 2200 w/ full ID, then gone. (SEM-TN)
- 1440 KRZD CO Wray, 12/9 1829 excellent w/ s/off. ex-1470. (KDF-IL)
- 1460 WKAM IN Goshen, in clear on 12/10 at 1900 w/ top of hour ID, then nx. (SEM-TN)
- 1580 WEYY AL Talladega, in strong on 12/11 at 1745 w/ full s/off. (SEM-TN)
KPIK CO Colorado Springs, in w/ xlnt signal on 12/11 at 1820 for several minutes w/ time, ID, wx, clock shop spot, Xmas greetings to all listeners, "Take Five" pgm. Faded for a couple of mins. then back w/ church pgm, then s/off. (SEM-TN)
- KZIA NM Albuquerque, in good u/ KPIK on 12/11 at 1830 w/ time, ID, short nx highlights and Real Estate Co. spot. Back in real strong after KPIK's 1845 s/off for several mins. w/ ID, NM nx, Claud's Mexican Restaurant spot, then WSRF started blocking it out. (SEM-TN)
- 1590 WNTS IN Indianapolis, in good on 12/11 at 0027 to 0036 w/ mx, ID, nx by local ancr, schedule of upcoming church events, YWCA spot, then wx and temp. (SEM-TN)

DX TEST

- 1560 KEGG TX Daingerfield, MM 12/10 on DX test 0340-0402 w/ march mx, IDs, TT's, address and phone # given. Good signal here. Seemed to be on later than scheduled. (NZ-NE) Test 12/10 hrd here o/ KCJJ. (KDF-IL)

A TIP OF THE HAT THIS WEEK TO THESE CDXR REPORTERS

- KDF - Karl Forth, 2714 N. LeClaire, Chicago, IL 60639
(HQ-160, 3x3 spiral loop)
- SEM - Sidney E. Marshal, 7224 Pam Dr., Millington, TN 38053
(RF-2200, SM-2)
- DW - Dave Wurl, 908 W. 14th St., Marshfield, WI 54449
(GE Superadio)
- NZ - Neil Zank, 623 Lyncrest Dr., Lincoln, NE 68510
(HQ-180A, ICF5900W)
- RAL - Bob Lazar, 511 W. Doty St., Apt. 208, Madison, WI 53703
(Yaesu FRG-7, SM-2)

I've renamed what I used to call "Of Special Interest" to "Whats New", a name which is somewhat more descriptive of the section. It will include all station changes; new stations, call changes, and changes in frequency, power, format, network, hour of operation, etc. Also any new regular frequency checks will be included plus just about any other new things at stations that are heard by CDXR reporters. So if your local station makes any changes, please send in the info to CDXR. I've finally graduated after four and a half years of college; I'm presently looking for a job. I'll be staying in Madison for the immediate future but I have no idea where I'll be in a few months. Hope to be able to take it easy and DX a little. 73.

Motorola Demonstrates Practical AM-Stereo Broadcasting System

CHICAGO — Motorola demonstrated its C-QUAM AM stereo system at the Hi-Fi Stereo Music Show held here earlier this month. The system, in experimental broadcast, was demonstrated using Sherwood receivers and has proven an effective and practical way to transmit AM stereo broadcasts.

The C-QUAM system has been successfully tested in the laboratory and with live compatible AM radio broadcasts. Most recently it has been tested on WGN, Chicago, and WTAQ, LaGrange, IL. Last June, in Chicago, Pioneer demonstrated its AM stereo system on a closed-circuit basis at the Summer Consumer Electronics Show.

"The tests we have conducted for the last three years, and more recently at WGN and WTAQ, confirm that the C-QUAM

system provides ease of conversion, more noise insensitivity, excellent stereo coverage, conservation of channel bandwidth and a self-compensating pilot tone," says Frank Hilberg, Motorola's engineering manager for the system. "Given these initial test results, the C-QUAM system could usher in reliable, effective, crisp-sounding AM stereo broadcasting with an audio range equivalent to that of monaural."

Motorola's C-QUAM is a compatible quadrature-modulation AM stereo system that processes audio signals through an encoder matrix for transmission and reception. This system uses a stereo generator, similar to those used in FM broadcasting, that combines the two audio channels to

give L+R and L-R information.

Motorola's AM stereo receiver then demodulates the carrier and derives the L+R and L-R information. The signals are passed again through an audio matrix that yields independent left- and right-channel signals. The system also features a 25-Hz pilot tone in the L-R modulation for stereo identification.

An FCC decision regarding AM stereo has been expected for nearly a year. Industry leaders are betting on the commission's making a decision on one of the half-dozen proposed AM stereo systems in the next few months. Whether that decision will come before the Winter Consumer Electronics Show is anyone's guess.

Electronic Engineering Times 11/26/79

western dx roundup

ALL TIMES ARE EASTERN LOCAL

Here for hot WDXR tips: (206)532-6827 till 10:30pm(PLT)--no collect calls
DEADLINES: Each Thursday

REPORTERS FOR THIS ISSUE:

- (JEC) James Critchett-1635 Walbridge St.-Red Bluff, CA 96080
 Drake SPR-4, Sanserino loop
- (MD) Michael Dice-10138 N.E. 64th #30-Kirkland, WA 98033
 Heathkit GR-78, 100' longwire
- (WGE) W. George Elliott-544 Christleton Ave.-Kelowna, BC V1Y 5J2
 DX-160, 4' loop
- (NHP) Nick Hall-Patch-3272 Alder St.-Victoria, BC V8X 1P2
 TRF w/Shotgun loop
- (MSH) Michael S. Hardester-P.O. Box 49 (NDRG)-NAS Miramar, CA 92145
 FRG-7, Radio West loop
- (JFJ) Joe F. Jergel-1507 California #337-San Francisco, CA 94109
 Grundig Satellit 2100 & 3400, Dymek DA-5 antenna
- (RFK) Ralph Kemper-297-27 3/8 Rd.-Grand Junction, CO 81503
 Norelco portable
- (ASL) Albert S. Lobel-P.O. Box 26762-San Diego, CA 92126
 FRG-7, DX-150A
- (MEM) Mark McMillan-Rt. 3, Box 381-Rathdrum, ID 83858
 HQ-180, 1000' east Beverage, 880' SE Beverage, 660' NE Beverage
- (MDM) Mort Meehan-7682 North Star Avenue-Twenty-nine Palms, CA 92277
 FRG-7, RF2600, 150' inverted L antenna
- (bp) Bruce Portzer-6546-19th N.E.-Seattle, WA 98115
 HQ-180A, FRG-7, 4' loop
- (BW) Bradford Wall-25871 Union St.-San Bernardino, CA 92410
 Zenith Trans-Oceanic, 4' box loop
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA, 95118
 G.E. long-range portable, SM-2

- 533 TIS California Department of Transportation (CALTRANS) has a TIS operating in San Bernardino (on highway 30) about 1 mile west of the mountain road ascent into San Bernardino National Forest. Two signs advise to turn to 533. Info by man on road cx into Big Bear area. States 24 hour operation fall/winter. Signal good in about a 2 mile area. (MSH-CA)
- 590 KHQ WA, Spokane 12/10 0640 "listen to NBC Sports Sat. & Sun. on Q-59, it's 3:40 on K-H-Q." Fair. (JFJ-CA)
- 600 CJOR BC, Vancouver 12/10 0600 Gordon Lightfoot mx, 0602 ID & into "60 mx." KOGO semi-nulled, local KPRC-610 off. (JFJ-CA)
- 610 (KPRC) CA, San Francisco 12/10 0600-0640+ noted off. (JFJ-CA) / (JFJ) CJAT BC, Trail 12/10 0633 ID & Diana Ross oldie. Weak, KPRC off.
- 620 KTAR AZ, Phoenix 12/10 0631 end of Mutual headlines, ID, Larry King Show. Fair, KPRC-610 off. (JFJ-CA)
 KSTR CO, Grand Junction 12/9 1900 s/off announcement o/KGW. Poor to Fair strength. (NHP-BC)
- 640 (KFI) CA, Los Angeles 12/7 0730 noted off. OC 0741-0744, then off again till s/on 0811. (JFJ-CA)
- 650 KORL HI, Honolulu 12/3 0559 nx, wiped out by SS stn at 0600. Faded in at 0612 w/"Coral, the station that plays requests." (JFJ-CA, +12/9 0820-0825 good signal. Slow fade until my tape recorder started, then they disappeared. Taking calls to win a record. Have their phone number. Ads, rr mx. (MD-WA)
- 680 (KNBR) CA, San Francisco 12/17 now w/apparent new hours, AN-6, SP MM 0405-0700. (RW-CA)
 CJOB MB, Winnipeg 12/10 0430 fairly weak w/ID & easy listening mx, KNBR actually off. (RFK-CO)
- 710 KFIA CA, Carmichael 12/10 religious MOR mx, then ID 0400 & into UPI nx. Mixing w/KGNC who had Larry King & CBS nx. Also hrd a lone WGBS ID. All this fairly weak, KIRO off. (RFK-CO)(KGNC must have taped Larry King for MM playback, as Mutual does not feed Larry King in any form on MM's.-BH)
- KGNC TX, Amarillo 12/24 0555-0610 w/phone-talk pgm to 0600 ID by man; CBS nx to 0606 w/various spots (not local) and to man talking w/local wx rpt, but much fading & flutter. A bit early for SRS flutter, isn't it? Mx after wx report sounded like C&W, but not sure. (MSH-CA)

800 XEROK Mexico, Ciudad Juarez, Chih. 12/2 0333 EE ID, "Country 80," & mx. Fair. KGO-810 off for rare SP. (JFJ-CA) (This must be John Clemmer's unID-800 in 12/15/79 CDXR.-BH)

810 KWSR CO, Rifle 12/19 1835 ad for someone in Rifle, ID, & Colorado wx u/KGO. (MEM-ID)

KAFE NM, Santa Fe 12/19 1833 no mistake this time, NH, hi. Couple of ID's & what sounded like someone to call in for a sticker promo. Lost to weak KWSR & monstrous KGO. (MEM-ID)

KBHB SD, Sturgis 12/2 0850 ID, UPI mentioned. KGO off till 0900. (JEC)

CHQR AB, Calgary 12/2 0314-0331 MOR mx, YL gave changes in traffic direction at 0319. Calgary wx 0331. Good sig, KGO off. (JFJ-CA)

850 KTAC WA, Tacoma 12/12 1055 ID & nx, 1100 "Margaritaville" by Jimmy Buffett. Weak and much fading. (JFJ-CA)

860 *KSFA* TX, Nacogdoches 12/10 0437 ET w/nice ID & C&W mx. (RFK-CO)

880 WCBS NY, New York 12/10 0125 w/talk by YL. Occasional KRVN ET. Heard on both FRG-7 & DX-150A. (ASL-CA)

910 XEAO Mexico, Mexicali, BCN 12/10 0140 w/good ID & mention of Mexicali u/KWJC. (ASL-CA)

930 KSWB OR, Seaside 12/20 1855 OM reading sports & basketball schedule for Seaside, then ID. (MEM-ID)

940 CJIB BC, Vernon 12/1 0125 male annr w/rr mx. Good signal, KJR-950 slop. C-J-I-B jingle. (MD-WA)

950 KYES OR, Roseburg 12/20 1845 ID, man reading a letter from Medford on Iran. (MEM-ID)

960 KARZ AZ, Phoenix 11/19 0442 clear ID thru KABL. (JEC-CA)

1010 KXEG AZ, Tolleson 12/4 0729 ID & nx, ment. of Arizona state capitol. Very weak. (JFJ-CA)

1020 KBCQ NM, Roswell 12/1 0110 fading, male annr, rr mx. Don't normally hear this one. KTNQ was gone, but KDKA was underneath. (MD-WA)

1030 KTWO WY, Casper 12/17 0338 noted w/RS, is it NSP now, or just for Christmas season? (RW-CA) (Was AN 12/10 also.-BH)

1050 CFGP AB, Grande Prairie 12/10 easy mx, OM annr, Bulova & local ads. "MusicRadio 105." Xlnt signal. (MD-WA)

CJNB SA, North Battleford 12/10 0820 normally heard but was blasted by CFGP this time. Fading out fast. 12/11, this one was alone. (MD-WA)

1060 KBGN ID, Caldwell 12/6 1845 almost alone. (MDM-CA) / (MD-WA)

KGFX SD, Pierre 12/18 0728 blip ID w/temp "It's 43° at KGFX." (MEM-ID)

1070 KATQ MT, Plentywood 12/18 1750-1800 ads, one for Montana Wheat Growers Assoc., & s/off 1800. Phoned them & the guy said, "Mark McMillan from where???" (MEM-ID)

KERR MT, Polson 12/3 1030 ID & Ae nx strong o/KNX, then both faded out. (JFJ-CA)

1080 KRLD TX, Dallas 12/7 0745 "All news all day" announced. (JEC-CA)

1090 KBOZ MT, Bozeman 12/3 0720 local ads, 0725 ID w/XEPRS nulled. (JFJ)

1130 CKWX BC, Vancouver 12/6 1900 w/KSDO barely heard in background. (MDM)

1140 CKXL AB, Calgary 12/10 0843 nx, wx, slow fade. KAYO-1150 QRM. No KGEM. (MD-WA)

1150 KWBZ CO, Englewood 12/2 0257 ID, "Fastest growing radio station in Colorado," "Talk Radio," and a talk show. (JEC-CA)

1220 CJOC AB, Lethbridge 12/10 0220 easy-rock mx, annr gave wx, temp -17° (prob. Celsius-BH) & local nx. Two-stn simulcast w/CJOK, Ft. McMurray. (MD-WA) (That's odd; Ft. McMurray is at the opposite end of the province from Lethbridge, & CJOC usually is relayed by CJPR-1490. Anyone know if this is regular?-BH)

1230 KIBS CA, Bishop 12/4 s/on w/SSB 0830. Weak. (JFJ-CA)

KYJC OR, Medford 12/1 1000 wx, "It's 37° at KYJC Medford." Poor. (JFJ)

1240 KFLI ID, Mountain Home 12/15 0830 CBS nx. (JEC-CA)

CKBX BC, 100 Mile House 12/11 0900 s/on w/"O Canada," 0901 "Good morning, everybody, this is CKBX" then lost the signal. Very weak; any weaker I wouldn't have heard it. (JFJ-CA)

1250 CKOO BC, Oliver-Osoyoos 12/4 0606 Okanagan Radio nx. (JEC-CA)

KTMS CA, Santa Barbara 12/3 0450 nx & sports, 0451 ID & mx. Fair. +12/9 0342 carrying Larry King Show. (JEC-CA) / (JFJ-CA)

1260 KIKC MT, Forsyth 11/5 rooster crow, s/on, ID. APR nx 0800. (JEC-CA)

KYA CA, San Francisco 12/10 0915 using "easy rock 93" slogan. (JEC-CA) (KYA-FM is 93.3.-BH)

KWEI ID, Weiser 12/10 0934 ending Mutual nx. (JEC-CA)

1280 KRZE NM, Farmington 12/12 1901 s/off, way o/KKAL. (MDM-CA)

KWMS UT, Salt Lake City 12/11 1835 coming thru a mess on 1280. (MDM)

KMAS WA, Shelton 12/18 1910 ad for Connelly Radio-TV & Appliance in Shelton, and ID. Finally the tast (?-BH) of the fruits of my labor, hi. #5 most wanted WA. (MEM-ID)

- 1300 KVOR CO, Colorado Springs 12/18 1830 wx man reading record temps for Colorado towns, 61° for Colorado Springs. Called them & got the wx man, Bob Smith. (MEM-ID)
- 1330 KMBI WA, Spokane 12/5 1900 s/off, ment. Moody Bible Institute, o/KGAk & KFAC. (MDM-CA)
- CKKR SA, Rosetown 12/4 1735 good to fair. C&W mx, into spot for Rosetown Florists, intro for Xmas program called "Xmas Tinsel." Local spot & ments of a number of other sponsors. Into "Xmas Tinsel." Spot for Hunter's Trailer & Marine, live PSA about roads and S.G.E.A. (?). Into Johnny Paycheck. Live p/b for "Stories of Xmas." ID finally at end of p/b, "...heard 3 times daily during the Xmas season, on C-K-K-R." More local spots. New. In w/lots of Alberta stns. Strange afternoon DX. (WGE-BC) (George, what's a "p/b"???-BH)
- 1340 KBBR OR, North Bend 12/11 0835 wx & ID, "Country K-B-B-R," into song "When You're Only Lonely." Fair, then faded out. (JFJ-CA)
- 1350 KIDN CO, Pueblo 12/20 0400 NBC nx, wx w/high of 60°, quick fade. (MEM)
- KRNT IA, Des Moines 12/19 0400 wx, full ID, into nx. Atop NE Beverage. (MEM-ID)
- 1370 KXLF MT, Butte 12/6 0855 easy-rock mx, ID by YL. Good signal, no fade, no KAST. (MD-WA)
- KAST OR, Astoria 12/5 0855 easy mx, slow fade, but good signal for 1 kw (?). Local ads. (MD-WA) (1 kw as far as I know.-BH)
- 1400 (KRE) CA, Berkeley 12/10 0501 noted off (it's about time!). (JFJ-CA)
- KART ID, Jerome 12/10 0859 end of nx "brought to you by Farmer's Bank" & wx & ID. Weak. (JFJ-CA)
- KVEG NV, Henderson 12/10 0505 "KVEG is Las Vegas Country & mx country..." 0510 promo for Las Vegas "Y" contest & trip to Disneyland, then local ads & ID 0511. Fair w/fading. (JFJ-CA)
- KNND OR, Cottage Grove 12/10 0705 end of nx & wx, "at downtown Cottage Grove at 4:06, that's what's happening, I'm Steve Rolitz (?)" reporting for K-N-N-D." Then C&W mx. Fair. (JFJ-CA)
- 1410 CFUN BC, Vancouver 12/10 0652 MJB Coffee ad, 0653 "West Coast wx," "C-Fun" ment & into "Angel" by Fleetwood Mac. Fair. (JFJ-CA)
- 1420 KUJ WA, Walla Walla 12/18 1100 much stronger than XEXX for a few minutes. (MDM-CA)
- 1480 KGCX MT, Sidney 12/4 0800 ads, wx, sports. Fading & mixing with the rest of the QRM. I taped the phone number. (MD-WA)
- 1490 KGUD CA, Banning 12/15 0600 ID, ad for Cal (or Hal's?) Stereo, mx. Another ID at 0615. Poor. (JFJ-CA)
- KRKC CA, King City 12/10 0900 s/on weak. (JFJ-CA)
- KCID ID, Caldwell 12/9 0804 end of farm report, "The place for mx is K-C-I-D." Fair. (JFJ-CA)
- 1540 KKAP CA, Aptos-Capitola 12/13 1000 UPI World News. (JEC-CA)
- KXEL IA, Waterloo 12/3 0629 Maxwell House ad, wx, ID. Weak. (JFJ-CA)
- 1570 CKTA AB, Taber 12/11 0801 s/on & religious program. Weak. (JFJ-CA)
- 1580 CBJ PQ, Chicoutimi 11/26 0558 s/on w/"O Canada," then into FF, quickly faded, slight KRZI QRM. (RFK-CA) / (bp-WA)
- 1610 TIS^t WA, Natches assumed the one w/ments of White Pass 12/17 0322.
- 1613 "RAB" Guatemala, Rabinal 12/22 0430 repeats .-. .-. .-.; strong signal so more than 10 watts. (MEM-ID) (1,000 watts, per Almanac. This foreign beacon is widely heard & reported. Mark reported it as an unID, so we ID'd it and included it here, although technically it's a DXWW item.-BH)

FREQUENCY CHECKS HEARD PER THE LIST:

Nov. 4th Thurs. KOAL-1230 UT 0300-0315 (RW-CA)
 Dec. 2nd Mon. KBYM-1240 MT 0250 (RW-CA)
 KPRK-1340 MT 0345 w/TT (BW-CA)

DX TESTS HEARD OR NOT HEARD:

- 960 (KSRA) ID, Salmon 11/19 not heard for DX special. (JEC-CA)
- 1060 KEGN ID, Caldwell 12/17 0215 per test w/religious mx on organ, ID's. Heard on both FRG-7 w/Sanserino loop & DX-150A w/73' longwire. Thanks to XYL & her xxxx microwave oven, ID missed & not heard again. (ASL-CA)
 +12/17 0405 s/off of the test. (JEC-CA)
- 1560 (KEGG) TX, Daingerfield 12/10 0311 tried, not heard despite good cx that way, either not on or just too far away. (RW-CA)

UNIDS:

521 "INE" Beacon of some sort noted here w/code ID's 12/10 0245. Noted nightly since then, and weaker 12/14 1825. Loops due east-west. Any ideas? (NHP-BC)

- 531.1 12/24 0550 carrier noted w/seemingly northeast loop bearing. No audio. Not previously noted. Gone at 0830 check. (MSH-CA)
- 950 12/23 1700 DXing w/Grant Manning at Radio West in Escondido, CA, using modified Kenwood R-1000 w/loop. MST TC's, C&W mx. Mention of ShadyLawn or Shadytree Truck Stop, and that no trash would be picked up in Grand(?) County this week due to the workers being on vacation! Local XEGM totally off (as well as rest of day; & as I type this, 12/24 1552, XEGM is still off!!). Signal faded up at 1730, but still no ID. There is a Grant County in New Mexico w/Silver City the county seat, same city as mailing address for KNFT! If them, not bad for mid-day reception. GCD = 519.27 miles. (MSH-CA)(What's a GCD?-BH)
- 1240 12/4 0600 APR nx, station & location not heard. (JEC-CA) (Dozens of possibilities here, hi. But KGY Olympia, WA, has APR now, and I believe you've heard KGY regularly there?-BH)
- 1250 12/17 0600 unID w/"O Canada," then s/on in FF. This is definitely new, whatever it is. I think this is the same stn you guys in the Pacific Northwest have heard signing on on MM's. (??-BH) Very weak, just barely o/jumble, was looking for WEMP. Possibly CBGA? (RW-CA) (Or CBOF?-BH)
- 1290 12/17 0602 rr o/u KCUB, TC "it's 5:02 at ????" faded out by 0610. Definitely new, as I haven't heard anything on 1290 in CST. Must be either KOIL or CFRW. KOIL badly wanted here. Any other ideas? (RW-CA)
- 1480 12/17 0144-0148+ 1 kHz TT, looped east, fairly strong. Would have to have been in EST or CST zone to have been legal. (bp-WA)
- 1620 "HTIT??" beacon 12/22 0435 this on under OC repeats - . . - ; anyone know if these are ships or navigational beacons? (MEM-ID)

First, thanks to Bill for typing the column this week. He had the day off & I had to work 12:30-9:30pm. Since he was here and I wasn't, he offered to do all the typing this week. This week we welcome two new reporters to WDXR, Michael and Joe! It's always nice to see a new name in the list. I'll definitely have to receive the stiff penguin flipper award this week. Somehow last week Michael and Ralph's WDXR reports got mixed w/our Christmas cards that came in the mail. When I was going thru the cards the day before Christmas there were two reports! Apologies to Ralph & Michael!! ♡



DOWN MEMORY LANE.....

FIVE YEARS AGO IN DX MONITOR - January, 1975 - Nancy Hardy took over as WDXR editor, Bruce Portzer (who's he?) took over as DX Worldwide editor, 22 DX Tests were scheduled for various January mornings, Gordon Nelson reported hearing a new station in Upper Volta on 737, Father Jack Pejza was editor in chief, and Bill Hardy wrote an article on pre-sunrise authority.

TEN YEARS AGO IN DX MONITOR - January, 1970 - 15 DX Tests were scheduled for January mornings, WDXR editor was Don Kaskey, tips submitted to WDXR included WFLA & KAKC-970 by Bill Block, CFOX-1470 by Bruce Portzer, and CHML-900 by several persons. New members included Doug Nyholm and about two dozen people who have dropped from sight. Plans for the direct coupled loop were unveiled. Don Erickson was editor-in-chief, Father Jack was DX Worldwide editor. Larry Godwin and Gene Martin reported some routine TA receptions from Denver. Several east coast DXers heard KORL and a member in Ohio heard KWYO-1410.

FIFTEEN YEARS AGO IN DX MONITOR - January 1965 - 12 DX Tests were scheduled Bill Nittler was DXM publisher, new members included John Oldfield and a bunch of people I've never heard of, a Pennsylvania member heard Bolivia on 680, members in Ohio & Michigan reported veries from New Zealand-880 and Australia-630, Larry Godwin was vacationing in Bolivia, Nick Hall-Patch received a QSL card from WAKY-790 with postmarks all over it (sound familiar?), Bill Block bought a 6 transistor radio which pulled in WCCO, KGO, WSM, and other exotic catches, HCRM1-565 in Quito conducted a DX test for IRCA which was heard nationwide, and regional channel east coast stations (too numerous to mention) were heard by various west coast members.

DX**Worldwide**

ELLIOT STRAUS

Editor

All times GMT/UTC
Deadline TuesdaysBox 168 Red Bank, N.J. 07701 201-736-1681, M-F 18-2200
Wed. 10-2200

There was no column last week due to severe lack of interest, only three reports with a total of about 10 items, so they are included here. DX seems to have hit a seasonal low for most of us. Conditions are as bad as I can remember them for foreign DX. Even on Monday mornings there are precious few good LA mornings as in the past. Hopefully as we come out of the sunspot maxima later next year we'll see an improvement, although WC TP/DU DX doesn't seem too bad this year. On to what's on hand....

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

- 182 W.GERMANY Saarlouis 0419 Dec 15, loud w/EE rock, OM in FF, then YL FF vocal.
 200 ENGLAND BBC Synchros 0420 Dec 15, poor w/OM/YL in EE.
 209 W.GERMANY Munich 0424 Dec 15, probable here, fair w/Luch Muzak, then GG vocal, o/FF beacon.
 218 MONACO Monte Carlo 0426 Dec 15, xInt w/FF talk & mx.
 567 IRELAND Tullamore 2117 Dec 15, poor-fair w/OM in EE.
 585 SPAIN Madrid 0449 Dec 15, poor w/pop mx., talk by YL in SS.
 639 SPAIN LaCoruna 2119 Dec 15, poor w/OM in SS, vocal.
 747 UNID Bulgaria? 0455 Dec 15, talk by YL, poor-loops Europe, not Africa.
 765 SENEGAL Dakar 2312 Dec 07, fair-good w/OM AA chant.
 765 UNID 0459 Dec 15, 2 carriers causing fast SAH; talk by OM occasionally noted, seemingly in a slavic lang., Ukraine suspected.
 774 SPAIN Caceres 0500 Dec 15, fair w/OM in SS, then flute mx., pips, more talk.
 783 t E.GERMANY 2128 Dec 15, poor-fair w/pop mx., atop weak 782 het, thru WBBM slop.
 819 MOROCCO Rabat 0503 Dec 15, poor w/AA vocal, slopped by unusually loud WBAP.
 828 MOROCCO Oujda 2210 Dec 09, AA chanting // 819; 46db/noise, 2hz. SAH; 2nd stn. prob. Barcelona. There are also 2 unid stn. on 827 khz.; 30db/noise; 1hz. SAH. (Bailey)
 837 FRANCE Nancy 2215 Dec 09, FF OM ancr; orch. w/harp; 40db/noise; 0.5 hz. SAH; 440 hz. het, unid 2nd. stn. on freq. also unid on 863 khz. (Bailey-Ma.)
 863 UNID 2212 Dec 09, YL ancr. in unk lang. 22db/noise w/4hz. het. (Bailey-Ma.)
 864 FRANCE Paris 2150 Dec 09, Female chorus, then FF OM's in discussion; 30 db/noise; 2hz. SAH. Then @ 2330 (after Paris s/off) Morocco w/AA OM talk; 36 db/noise; // 819 khz. o/u Bulgaria, Plovdiv //747 khz. (Bailey-Ma.)
 864 +0506 Dec 15, poor-fair w/mx., FF talk.
 882 ENGLAND Washford 2131 Dec 09, EE OM ancr; soprano singing 'I Could Have Danced All Night', unid 2nd. stn. possibly Yugoslav. (Bailey-Pa.)
 945 FRANCE Toulouse 2140 Dec 09, FF OM interviewing young YL; 3hz. & 1hz. SAH. Wonder what else was there? (Bailey-Ma.)
 1044 t MOROCCO 2329 Dec 07, big carrier, no audio detected.
 1053 ENGLAND BBC 2138 Dec 15, poor w/mx. in WHN slop.
 1206 FRANCE Bordeaux 0450 Dec 08, xInt w/OM in FF, then YL in another lang.- poss. lang.; lesson.
 1467 MONACO Monte Carlo 2155 Dec 15, poor w/talk in slop; at the time, the only other high-band signals noted (as hets) were 1395 & 1521. Conditions were very poor for this time of day during this time of year. Amen-ped.
 1557 UNID Malta or France 0442 Dec 08, OM in GG to fair peaks, eventually lost to WQXR slop.
 1566 TUNISIA Sfax 0433 Dec 08, loud w/a-cappella OM AA chant.
 1593 W.GERMANY Langenberg 0436 Dec 08, poor in slop w/mx., GG talk.

PAN-AMERICAN DX ROUNDUP

- 680 MEXICO Chihuahua XEFC 1101 Dec 10, shouting ID, Latin ballads, slop from XETRA, KNBR off. (Wall-Ga.)
 730 GUATEMALA Guat.City TGN 2303 Dec 02, rosary in EE @2255, then ment. of Catholic Church in SS, w/church bells. (Townshend-D.C.)
 750 NICARAGUA Managua YMX 0556 Dec 08, R.Sandino s/off w/Nicar. NA. (Portzer-Ma.)
 +1103 Dec 09, mixing w/WSB, w/R.Sandino ID @ 1103.. (Wall-Ga.)
 860 DOM.REP. Santo Domingo HILR 0559 Dec 10, LA mx, Jingle Bells in SS. good w/CJEC OC. (Townshend-D.C.)
 880 CUBA Pinar del Rio 1030 Dec 06, Cuban March Theme, SS talks. (Wall-Ga.)
 + 0920 Dec 16, good w/EZL, deep fades, no KRWN, WCBS, or TGJ. (Pifer-Ga.)
 1080 MEXICO Ciudad Morelos XEDY 0246 Nov 27, OM w/X-E-D-Y, Sonora ments. (Wall-Ga.)
 1300 MEXICO Juarez XEP 0818 Dec 10, w/call letters, SS MoR mx, ID theme like ELO's 'Living Thing'. (Wall-Ga.)

TRANS-PACIFIC DX ROUNDUP

- 639 CHINA PRC 1526 Dec 16, OM/YL in CC, signal not bad for this late. (Williams-Cre.)
- 650 HAWAII Honolulu KORL 0755 Dec 08, booming in w/usual rock mx. Other Hawaiians weak or inaudible at the time. (Portzer-Wa.)
- 660 ALASKA Fairbanks KPAR 0550 Dec 15, in good w/rrr mx & TC's, was 18° in Fairbanks. Best yet this year. (Martin-Cre.)
- 666 NEW CALEDONIA Noumea 0835 Dec 13, poor w/CM in FF, soon faded into noise. (Martin)
- 700 ALASKA Anchorage KBYR 1459-1500 Dec 15, big signal, ID & TC. (Williams-Cre.)
- 738 TAHITI Papeete 0645 Dec 13, in fair w/lots of KCBS slop, w/jazz mx & // to SW. faded after 0703, w/OM in FF. (Martin-Cre.)
- 747 JAPAN Sapporo JOIB 1106 Dec 09, JJ talks, in & out w/WSB, VNY. (Wall-Ca.)
- 819 t JAPAN JORX/JOIP 1500 Dec 07, OM in JJ, pips & anthem, mixing w/KK stn. (Williams)
- 846 GILBERT & ELLICE ISLANDS Tarawa 0730 Dec 13, in w/Island mx, & presume lang. is Gilbertese. fair. They sure don't have the signal they had on 844. (Martin)
- 864**t COOK ISLANDS Rarotonga ZK22C may have been the one coming in very weakly w/Polynesian mx w/OM/YL ancrs (couldn't tell lang., may have been EE), from 0815-28 Dec 10. Heard w/Island song (polyln. group vocal), then either faded out or s/off. However it sounded like a carrier was left on after 0828, but the signal was barely there at times. I sent a tent. report. I hear they don't use 864 very often, so it will be interesting to find out if 864 was on the air. Other Pacific stns. were strong. (Martin-Cre.)
- 864 JAPAN undid 1528 Dec 07, OM in JJ mixed w/another stn., lost to slop by 1532. (Williams-Cre.)
- 882 AUSTRALIA Brisbane 4BE 1400 Dec 10, very strong w/EZL mx, into mx. strongest in a while. (Martin-Cre.)
- 1008 NEW ZEALAND Tauranga 12D 1100 Dec 11, in w/Tonight Show, fair. into mx. on hour. (Martin-Cre.)
- 1026 SOLOMON ISLANDS Honiara 0934 Dec 10, weakly w/Seafarer tunes, sounded like 3DB or 4NK way under. (Martin-Cre.)
- 1206 CHINA Yangi 1424 Dec 07, CC talk, instrumental mx, faded shortly. (Wall-Ca.)

Brought to You By:

- Bill BAILEY 92 Woodland Rd. Holden, Ma. 01520
2 R-390A's, 1200' bevs. phased.
- Mark CONNELL 30 William Rd. Billerica, Ma. 01821
HQ-180A, SW-2
- Patrick MARTIN POB 843, Seaside, Ore. 97138
Scott, lw.
- Doug PIFER 2506 S.Rita Way, Santa Ana, Cal. 92704
FRG-7, MW-1
- Bruce PORTZER 6546 19th Ave. NE Seattle, Wa. 98115
HQ-180A, 4' loop
- Bill TOWNSHEND 4500 Conn. Ave NW #901, Wash.D.C. 20008
TRF
- Brad WALL 25871 Union St. San Bernadino, Ca. 92410
Zenith Trans-Atlantic, 4' loop
- Dave WILLIAMS 615 Hiway 101 Astoria, Ore. 97103
SPR-4, 360' lw.

**Vatican Radio
Is Back**

Vatican City

Vatican Radio resumed broadcasting yesterday after being struck by lightning and knocked off the air for 18 hours.

Vatican Radio officials said the lightning bolt struck the radio's main medium wave transmitting antenna and knocked out all medium wave broadcasts to Western and Eastern Europe.

United Press

San Francisco Chronicle
via Pete Taylor
12/19/79 or so

TV INTERFERENCE FREQUENCIES

The following is a list of TVI (also known as ITV) frequencies generated by TV sets. These are the harmonics of the TV horizontal oscillator which operates at 15.734264 kHz. This is the frequency used by color TV stations (which comprise virtually all U.S. and Canadian broadcasts). A TV set tuned to a black-and-white only station would generate "birdies" at slightly different frequencies.

534.965	723.776	912.587	1101.40	1290.21	1479.02
550.699	739.510	928.321	1117.13	1305.95	1494.76
566.433	755.244	944.055	1132.87	1321.68	1510.49
582.167	770.979	959.790	1148.60	1337.41	1526.23
597.902	786.713	975.524	1164.34	1353.15	1541.96
613.636	802.447	991.258	1180.07	1368.88	1557.70
629.370	818.181	1006.99	1195.80	1384.62	1573.43
645.104	833.916	1022.73	1211.54	1400.35	1589.16
660.839	849.650	1038.46	1227.27	1416.09	1604.90
676.573	865.384	1054.20	1243.01	1431.82	1620.63
692.307	881.118	1069.93	1258.74	1447.55	1636.37
708.042	896.853	1085.66	1274.48	1463.29	

Eastern DX Forum

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

NOTE: Please start sending reports for EDXF to your new editor, Paul Mount, 35½ W. Columbus, Nelsonville, OH 45764.

As one year ends and another starts, it is customary to look both forward and back in time. Looking ahead, it seems likely that 9 kHz spacing and a band extension to 1800 kHz will occur. Extension to 1800 is fine with me; I think that most of the new channels should be graveyarders, so that the greatest number of stations may be accommodated. One channel should be set aside as a National Weather & Time service for truckers, pilots, and others. Such a service would use a dozen or so synchronized transmitters (50 kw each) throughout the U.S. Band extension might have the undesired effect of splashing the "DX window" in the 160m ham band; bootleg broadcasters above 1800 would also QRM the hams. Stereo tuners having digital readout on both FM & AM will find increasing popularity among DXers - for aesthetic & practical reasons, home entertainment equipment will double as DX gear for many. A compact ferrite loop could feed the tuner; the stereo cassette deck will be used for taping both DX & music. DX magazines will publish articles on "jazzing-up" hi-fi component AM performance. 9 kHz spacing will make TA's more difficult, but not impossible. SW & LW DX will be needed to augment the MW scene for the avid foreign DXer. LA's slow to change to 9 kHz spacing will provide a host of temporary splits. Light dimmers and a continuously-increasing array of other electronic gadgets will bring us more and more RF noise. The real DXer, however, is not one to be intimidated by increasing challenges. The hobby will certainly change, but it should never die. On the "looking-back" side of the coin, the Statler Brothers may have wondered whatever happened to Randolph Scott, but what I wonder about is whatever happened to these master DXers of the past: Steve Johnson of MD, Roger Anderson of VA, Jim Poterba of PA, Joe Piechuta of CT, Bob Hoffman of NJ, & Mike Silvera of Jamaica. Muse (?-jz) if you know. Best to all in 1980! (John, you left off this person's name & address! bp)

Bill Townshend-4500 Connecticut Ave. NW #901-Washington, DC 20008-(202)-966-8046-Tue. 12/18/79

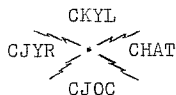
A DX drought has set in here, with zilch newies reported this week despite a MM session and several SSS sessions. That's DXing for you, hi. Despite the MM SP of normally WCP WEAK-1390, only that darn pest WFEL was heard. I heard GBF-690 here at 1538: a full 70 minutes before our sundown. Attempts at hearing FF in midday are hampered by WNET and a WGMS spur. With a federal holiday next Monday, Christmas Eve, I should get a MM DX session in and still get a fair amount of shut-eye. Last Wednesday we had 70°F/21°C here. With a short-lived cold jolt here, it was 21°F/-6°C this morning, but it may be back to 65°-70° on Christmas, which makes for sun-worshipping and bikini-chasing to Christmas carols and yule lights, hi. A Marine Travelers Info outlet is now transmitting on 530 kHz, KUF-703, the DC Harbor Police. It started on Wednesday evening 11/28 and has been on, off and on since. I've got several entries for Gerry Thomas' new Midday DX column, especially the catches from the CST zone. 10²-3³ and good DX de WPT.



HAVE YOU BOUGHT YOUR IRCA ALMANAC YET?

This 164 page comb bound book contains a wealth of information that the serious ECB DXer must have. Lists include: the 1979 Frequency Check List, Sunset Times for Major US Cities, Conditions of Frequencies, Larry King, ABC Radio Networks, CBS Radio Network, Mutual Network, NBC Radio Network, Other National Networks, Regional and State Networks, Syndicated Programs, Religious Programs, AM-FM Simulcasters, Station Slogans, Canadian Family Life, Classical Music Stations, Sports on Radio (Professional and College sports broadcasts), Utility Stations on ECB, Glossary of ECB DX terms, and more. Order your copy today from the IRCA Goodie Factory, P.O. Box 17088, Seattle, WA 98107. Cost: \$4.50 for members, \$5.00 for nonmembers.

western DX forum



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

DEADLINE IS EVERY THURSDAY 9 DAYS PRIOR TO PUBLICATION DATE

W. GEORGE ELLIOTT, c/o CKOV, P.O. BOX 100, KELOWNA, BC V1Y 7N3 - Part II
The results of the BBM Fall survey came in on 05 December and to some of our surprise, and I'm sure that it blew away the guys across town at CKIQ - we won! CKOV (this is unofficial, by the way) had 58% of the listeners surveyed, and CKIQ 30%. Not too bad for a Top 40/MoR station that went to Contemporary C&W four and-a-half months ago. (What happened to the other 12%, WGE?-RtH). Unofficial comments from CKIQ were strange, . . . "It's gotta be a typing error. . . we should have 58% and OV the 30%. . . ." as one was reported. One thing for sure, it's the first time either station came ahead with so much of a lead. It was always a neck and neck race. Maybe I should go on to DX. (About time, as RtH will probably be saying to himself, hi). (I'll drink to that, hi-RtH). New ones, KFI on 30 November, KSPO on 08 November, KQWB on 28 November and CKKR on 04 December. Total heard now stands at 192. Hope to get 200 by 1980, but I'll be doing a lot of all-night work in the coming weeks, sooo. . . Heard a bit of CJVB's program, check WDXR for details. Funny thing about CKKR; they were heard at 1432 P1T coming in with Alberta and a few other stronger ones (KOFI, KBOI, etc.). Weird afternoon DX. Well, hang around for Part III, and c u in 7.

RANDY TOMER, 1038-11th ST., ARCATA, CA 95521 - 18 Dec 1979

More ramblings from 1/3 of Humboldt County's IRCA membership. No DX'ing lately, but I'm waiting for the KVEL 920 test. KPDJ (FM) is now on the air with an excellent soft rock format and billing themselves as northern California's most powerful radio station (100 kw). (They might run into opposition from KIOI with 125 kw, hi-RtH). Same ownership as KRED 1480. KEKA 790 is still not on yet, apparently they're having XR problems and may not s/on until late January or February. KEKA will go into head to head competition with KINS 980 with a similar adult contemporary format. Rumor has it that KEKA's owner doesn't need to make a go of it financially but is out to spite KINS. Love those rumors! RtH, I must take issue with your statement that K-RED isn't bad, hi. Their music is not nearly as good as that aired on KRAK (whose music almost seems like "album-oriented C&W" by comparison) and some of KRED's jingles used in ads are so outdated and corny it's ridiculous. Can't argue with with success though. I think they are #1 daytime. Shop talk. Ralph Sanserino is developing a digital read-out for the Realistic TRF. This display, in conjunction with emitter bypass filters and a Radio West "shotgun loop" should make the already good TRF into a superb AM portable. The display also will work for the RF-2200 and probably others. Been seriously eyeballing the new Kenwood R-1000. I was considering the new Drake R-7 until I learned of its phenomenal list price, almost \$1,300, aaargh! The R-1000 looks great and its SSB filter can be modified for AM reception, giving 2.7 kHz selectivity. Disadvantages include only 50 uV AM sensitivity, lack of 12V DC operation, and its dial reads from right to left, the opposite direction of that used in the FRG-7 and HQ-180, and this could be confusing. Why can't things ever be standardized? (Grundig, at least older models, also read right to left, & yes, confusing-RtH). My GE TRF has only one glaring fault - it really eats batteries. Does anyone else have this problem with a GE? Batteries in my RF-2200 last forever. Progressive country freaks, try KYLO ("kilo") (love it-RtH) 105.5 Davis. 73 de RET.

PAT MARTIN, P.O. BOX 843, SEASIDE, OR 97138 - 19 Dec 1979

I hope everyone had a Merry Christmas and received that receiver, antenna, filter, etc., that they wanted. I guess I made a typo in the 15 December DX Forum. It is Fiji TWO (891, 711, etc) that broadcasts in EE most nights from 0700 to 0900 GMT. I don't know about the Fiji ONE stations as normally I hear them in Fijian. As I write this Forum report I have Fiji 891 on in the background and they are in EE. This at about 0800 GMT. RtH, no wonder you ??? the statement, it didn't make much sense as written, hi. (We are all entitled to a typo now and then, hi-RtH). Conditions lately have gone back to the South Pacific and DU. Few JJ's have been heard. I did log a new NHK station on 1584 at s/off with anthem. Several are listed so I do not know which one I heard. I did log a tentative from Cook Islands on 864 kHz. The signal was very weak and it either signed off or disappeared

from the dial at 0828 GMT on 10 December. I heard that the Cook Islands Broadcasting Service does not use 864 unless they are using their main frequency of 630 kHz for Parliament broadcasts. The language sounded like it may have been either broken EE or an island language (Polynesian, etc). I certainly hope it was Cook Islands as I have been after them for some time. New veries include 7FG 1161 and 7SH 1584. The ABC finally sent me a card covering both frequencies. Also veries from JOGB 873 and JOIC 1035. NHK sent their regular cards. Good DX to all during 1980 and may we all hear 1 kw Indians at high noon on a crystal set, hi. 73.

MIKE HARDESTER, P.O. BOX 49 (NDRC), NAS MIRAMAR, CA 92145 - 24 Dec 1979
Greetings. Hope everyone had a Happy Holiday Season and will have a Happy New Decade of DX'ing! After eight years of Navy life, I have decided to say "Anchors Aweigh" and will return to civilian life in August 1980. So for now, I will have a lot more time to DX. DX'ing the morning of 24 December didn't net anything of exceptional note, except for several TP carriers and one bearing 10°. Info sent to WDXR/DXWW. I have the latest edition of the ITU "List of Broadcasting Stations Operating Below 5950 kHz" which, while quite dated in most areas, does give coordinates for stations below 5950 kHz, so if anyone needs the coordinates of any station (longwave, GCB, or SW below 5950), I'll be happy to look up coordinates for some stations (no more than 5 or so at a time, PLEASE) for a SASE. The coordinates list only degree/minute - no seconds are given. I do not have time to calculate the GCD or GCB, so please don't ask. Info/reprints on calculating the GCD/GCB should be available from the IRCA Goodie Factory. If not, NRC has the information in their reprint files. As soon as I sell my FRG-7000, I'll be buying the Trio-Kenwood R-1000 modified by Radio West. Hot little receiver with the proper modifications. I would appreciate hearing from anyone with personal experience in starting/completing a home study course in electronics as offered by CIE, ICS, NRI, etc. Comments pro and con are desired before I undertake such study. Also, if you happen to notice a car with personalized license plates from Texas reading "DX 4EVR", it's me or my wife. . . honk! Very 73, Mike.

RIC HEALD, 1058 SANCHEZ ST., SAN FRANCISCO, CA 94114 - Tele-Forum: (415) 821-0447 to 0100 ELT and prepaid - 28 December 1979

Howdy! A couple of things. Please note I used ELT after my phone number. Let's all try to get back to the standardized practice (as set forth in the By-Laws) of using ELT. ERC, I agree with you. Aside from using ham expressions describing people, it's also sexist: This is minor, but in describing CA geographically, N. CA is from OR to just below San Jose. Central CA to about mid-way between San Luis Obispo and Santa Barbara and just below Bakersfield, S. CA below that. NH, I forgot. From my El Paso trip a couple years ago I should have remembered KHEY as C&W. Maybe it was WTX? Both KEOS and WTX are unnn, heard 15+ years ago, back in the days when XETRA had a MM SP and KEOS was a daytimer and had a regular ET. Drove up to Cloverdale couple weeks back, so had a chance to listen to my old friend KVRE Santa Rosa. Some changes there. Their AM and FM are now split. AM (1460) is pure C&W (from progressive C&W) and FM has gone bad hard rock. There is a new FM in my namesake town, Healdsburg (15mi/24km) north of Santa Rosa, that programs hard rock, so think KVRE-FM is trying to compete. Also, KYA 1260 has been simulcasting their FM a lot. KYA AM's ratings are very low, far below their FM, so that might be the reason. Did spin the dials MM, 24 December from 0619 to 0830 and noted mucho SS up and down the dial, but nothing new. KDIA 1310 was off, but with OC and tones. Thanks all to all the locals that called to tell me I typed my phone number wrong in the 22 December DXM. Just wanted to see if you all were awake, hi. That issue, by the way, was the only peice of mail that was delayed by the Christmas mail. Took 6 days to get here. That's it for this week. See u in 7. 73 de Rth..



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DXWW - 2

Editor: Father Jack Pejza
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Because of the press of other work, I have not had the opportunity in recent weeks to get this column typed. Because of limited personal funds, I have not sent many Christmas cards this year; I want to thank those who have sent me cards, and to wish (although somewhat belatedly by the time you read this) a blessed Christmas and a Happy New Year to all of you

TRANS-ATLANTIC

Clandestine. An anti-FRELIMO station probably operating from Gwelo, Zimbabwe-Rhodesia, with 100 kw on 1020 khz can be heard 1630-1730 in PP and vernaculars. (Miki Vcelar, South Africa, via SCDX 11/5)

The Voice of Palestine, Voice of the Palestine Revolution, has been heard on 1138 instead of 1120. Operates in AA from a transmitter believed to be in Lebanon. (BBCMS via SCDX 11/27)

Finland. The power of the Mariehamn transmitter on 603 is only 500 watts. (Arctic 11/16)

Germany, East. The Burg transmitters seem to be in trouble. 263 and 657 have been noted off some days; 783 noted with reduced power. 1044 seems to be an independent transmitter. (Arctic 11/16)

Germany, West. Frankfurt-594 is 400 kw daytime/1000 kw from 2300. Meissner-594 is 250 kw omni daytime, s/off 2300. Sender Freies Berlin uses 630 together with NDR. AFN Frankfurt-873 is occasionally off for maintenance MMs between 0207 and 0300. All other AFN stations, especially the LPs, are 24 hour automatic relays and don't have maintenance breaks. (Arctic 11/16)

NDR, the network in northern Germany, is breaking up into 2 or 3 smaller networks. The future of the West German broadcast media is now uncertain since NDR was one of the strongest networks and financially supported several smaller stations. (SCDX 11/20)

Great Britain. BBC has begun test transmissions in the London area on 720 with 500 watts. This will relay Radio 4. (SCDX 11/6)

Crowborough still operates on 810 for the external service with 130 kw during certain hours of the day. The other MW transmitter there operates on 648 on a time-sharing basis with the Orfordness transmitter in Lincolnshire. (Arctic 11/16)

International Waters. Radio Caroline's Dutch service resumed on 10/31 after a break of several weeks. Has now increased power to 50 kw on 963. (SCDX 11/13)

"Free Radio Waves" is a bi-monthly roundup of pirate and offshore radio news. Costs 20p plus a self-addressed envelope in the UK, 3 IRCs elsewhere. Address: Flagstones, West Heath Lane, Sevenoaks, Kent TN13 1TA, England. (SCDX 11/20)

Ireland. Pirate stations are still expanding; a new one in Dublin is Raidio an Phobail, on 1500 khz, for one hour per day, in Irish language non-commercial. (Arctic 11/16)

Malta. Radju Malta International Programme on 756 0700-1700 with 0700-1315 in Italian and 1315-1700 in EE. The English broadcasts seem to be mainly transcriptions from Radio Nederland, Radio Moscow, and UN Radio. Radju Malta National program on 999 is on 0500-2200 in Maltese. 1341 and 1485 have been reported as heard by EBU. (Arctic 11/16)

Portugal. Program 3 is broadcast 0600-0200 on 620, 693, 783, 927, 963, 1035 and 1593. (Arctic 11/16)

LATIN AMERICA

Colombia. R. Primavera, HJDY-1020 ex 1030 ex HJDZ. Em. Jose Antonio Galan, HJGI-1100 ex 1360 uses 10 kw. R. Olimpica ex Brisas del Mar HJPX-1480.)Arctic 11/16) R. Sintonia -1450 now 5 kw. Ecos del Atrato-1400 now 2 kw. (NZDXT 11/79)

Dominica. Dominica Broadcasting Corporation, Roseau-595 IDs as "DBC Radio 5-9-5" (Arctic 11/16)

Dominican Republic. R. Merengue-680 now 10 kw 0900-0400. R. San Cristobal-1460 ex 1460. (NZDXT 11/179)

Ecuador. R. Sucre-700 now 50 kw. Case de la Cultura-940 ex 1430. R. Splendid-1265 ex 900. (NZDXT 11/79)

El Salvador.

570 YSKT	R. Cadena Central, San Salvador, 10 kw, ex 580.	720 YSR Circuito YSR, Santa Ana
570 YSKT	R. Cadena Central, San Miguel, 10 kw.	Ana
570 YSKT	R. Cadena Central, Santa Ana, 10 kw, ex 580.	720 YSR Circuito YSR, Usulutana
690 YSQR	Auto Radio, San Salvador, ex 700.	720 YSR Circuito YSR, San Miguel ex 740
720 YSR	Circuito YSR, San Salvador, ex 730	720 YSR Circuito YSR, Sonsonate ex 710

(Arctic 11/16)
(Whoops, almost overlooked the rest of the list...)

780 YSKL Radio Universal, San Salvador, ex 770; San Miguel ex 760; Sonsonate ex 760; and Santa Ana.

930 YSTG R. Sonora, San Salvador, 2.5 kw; Santa Ana, 1 kw; Sonsonate 1 kw; La Paz 0.5 kw
1050 YSU Radio 1050, San Salvador ex Cadena YSU; Ahuachapan; Santa Ana, and Sonsonate.

Guatemala. Radio Rumbos in Guatemala City is on 2420 and 3630 //1210. TGNB is on 9505 // 730. (SCDX 11/20)

Mexico R. ABC Internacional is in EE and SS on 770; soon will also be on SW. XEOY-1000 is also on SW on 6110. (SCDX 11/20)

Nicaragua. Radio Sandino, YNX-750 ex Estacion Equis, Managua, has announced the formation of a Sandinist Broadcasting System with the following stations: Radio Venceremos, Leon (ex Radio Ondas Populares); Radio 19 de Julio, Chinandega; R. Insurreccion, Matagalpa (ex R. Monumental); R. Pancasan, Jinotega; R. Revolucion, Chontales; R. Liberacion, Esteli; Radio Libertad, Jinotepi; and Radio Sonido Popular, Santa Teresa. A newsprogram entitled "El Atabal Sandinista" is carried by the network. (Arctic 11/16) Frequencies for the various stations not given. Ed.

St. Kitts. ZIZ-555, Basseterre IDs as "This is ZIZ, St. Kitts" or "ZIZ Radio 5-55, the voice of the Eastern Caribbean." (Arctic 11/16)

St. Lucia. Radio St. Lucia-625 has a relay here with 1 kw. Future plans are 10 kw on 625. (Arctic 11/16)

Venezuela. La Voz de Venezuela, according to a press release, will be one of Latin America's principal stations and the most important one in Venezuela. The station will be located on the Paraguana peninsula at Cape San Ramon and Punta Tomatey. Transmitters are already in Punto Fijo, to cover the entire country during daytime with 1000 kw; at night broadcasts will be directed toward the Caribbean, Central America, and Andean pact countries.

R. Aeropuerto-910 YVRQ will probably increase its power to 50 kw in the near future. (Arctic 11/16)

TRANS-PACIFIC

Australia. 2EA-801 500 watts is expected to move to 1386 early in the new year, with 5 kw. Two translators are also proposed for this station, each of 100 watts; one at Broadmeadow, Newcastle, and the other at Wollongong. 2CT-1602 is not relaying 2EA but is using their transcribed programs. 3EA-1116 is expected to go to 1224 in the New Year with 5 kw from a new site at Campbellfield. 2ST-1215 may have their new translator, 2ST-999 Nowra, in operation by December from the Burraroo site, with 350 watts. 2MG Mudgee-1449 is now 5 kw. 2NX Newcastle-1341 has increased power to 5 kw. 2KO-1413 Newcastle, has increased power to 5/2 kw. Fulltime 5 kw is expected in 11/79. 4TI-1062 Thursday Island, new, with 2 kw.

Proposed new ABC stations: Innisfail, Qld, 1035 khz with 10 kw. Cootamundra, NSW 711 khz with 10 kw. Wangaratta, Vic., 756 with 10 kw. Albury/Wodonga, NSW/Vic, pilot for ABC Second Country Network; frequency not announced; Pemberton, WA; Bridgeton WA; Mt. Tom Price WA, 567 with 100 kw; Peraburdoo, WA, 567 khz with 100 watts; Pannavonica, WA 567 with 100 watts.

Proposed changes: 4TO, Townsville-774 to go to 5 kw with new site. 3BO-945 Bendigo now 24 hours; 8AL-1377 power increase to 2 kw. (DX Post 9,10,11/79)

China. Radio Beijing now confirms station locations on QSLs; more regional stations will answer reports directly. Commercials now appear on Chinese radio and TV. (Arctic 11/16)

<u>Fiji.</u>	Suva (Naula Rewa)	558 khz	10 kw	F. Fiji I;	711 khz	10 kw	R. Fiji II
	Lautoka	639	10	"	891	10	"
	Labasa	684	2.5	"	810	2.5	"
	Sigatoka	1206	2.5	"	927	2.5	"
	Raki Raki	1323	2.5	"	1467	2.5	"

Radio Fiji I carries English and Fijian. Radio Fiji II carries English and Hindi. At 1900 GMT, R. Australia news, 2000 BBC, 0130 VOA, 0700 "Fiji and the World" news; 0900 R. Australia. (DX Post 10/79)

New Hebrides. Port Vila is now on 1125, with FF to 1-00 and then local language to s/off at 1100. Presumed ex 1422 since this frequency is no longer heard. (DX Post 11/79)

New Zealand. 3ZE Ashburton should be operating on 873 before Christmas. (NZDXT 11/79)

Papua New Guinea. According to a QSL, the West Sepik transmitter will begin on 12/4 on 1592 with 10 kw. (NZDXT 11/79)

Taiwan. The Voice of Asia operates 1100-1700 with 600 kw on 621 khz from a transmitter in Takao, southern Taiwan. Broadcasts to SE Asia in standard CC, EE, Indonesian, and Thai. (BBCMS via DX Post 10/79) Has been heard s/off at 1900. (DX Post 11/79)

Wallis Island. This station on 1188 in FF s/off 1000 GMT. (DX Post 9/79). Wallis Island is a French territory in the Pacific, just west of the International Date Line. (SCDX 11/27)

Credits: BBCMS-- BBC Monitoring Service; DX Post-- via Harry Weatherley, Melbourne; SCDX-- Sweden Calling DXers.

2,300 radio stations must shut down at sunset, frustrating their listeners

By Robert Lee Zimmer
The Associated Press

METROPOLIS, Ill. — Superman may be faster than a speeding bullet, but if he flies into Metropolis, Ill., after dark, no one will hear about it on radio station WMOK.

If a tornado bears down on the town of Highland, Ill., after sundown, listeners of WINU will get no emergency instructions on their radios.

The stations, like 2,300 others nationwide, are required by law to turn off their transmitters at sunset. The stations are known as "daytimers" and their owners have been fighting the Federal Communications Commission for 25 years over operating hours.

More than 700 towns like Highland and Metropolis are served only by an AM daytime station — no full-time AM, no FM and no television, said Ray Livesay of Mattoon, Ill., long-time chairman of the Daytime Broadcasters Association.

"We think this is similar to saying you people can use our federal highways in the daytime, but at sunset you get off of them; they're for the city slickers not the country folks," said Livesay.

The "daytimers," which sign off as early as 4:45 p.m. in winter, cannot broadcast live high school games, and they have less commercial time to sell than their big rivals.

"The busiest time of the year, Christmas, we're on the air for the shortest period of time," said Virgil Smith, manager of WMOK in Metropolis. "We're only allowed so many commercials an hour, and people don't understand why they can't get their commercials on the air."

Highland has no daily newspaper and many of the 15,000 residents wonder why WINU is off the air from sunset to sunrise.

"In winter, irate parents call and want to know if the schools are open and buses are running," said WINU manager Glenn Bircher. "People think we're just too cheap to sign on earlier."

Livesay calls it discrimination, but does not believe the FCC will change the rules without pressure from citizens and Congress.

Lawmakers like Rep. Paul Findley, R-Ill., agree the daytime-only restriction hurts small towns people.

"It deprives them of entertainment, news, emergency service and public information which they desperately need," said Findley. "The current system is not fair and must be changed."

There are 107 AM frequencies. In the late 1940s, broadcasters who wanted to build stations in small towns found that the six frequencies set aside for local, fulltime stations were full. Livesay and others accepted daytime licenses.

"It was sort of a governmental roof-patching job," said Livesay. "They just started a haphazard, helter-skelter system of sticking stations on as daytimers."

By signing off at night, when radio signals travel farthest, daytimers do not interfere with the larger, more powerful fulltime stations.

Twenty-five stations, among the first to be licensed in this country, are called clear-channel stations. Many share their frequency with no other station at night, so they can be heard for more than 1,000 miles.

That bothers some daytimers.

Livesay said that when the first few clear-channel stations went on the air, everyone depended on them because there was little local service in the large listening areas.

But the population moved west, towns grew and FM and television came into being. People depended less on the clear channels, Livesay said.

He said the daytime stations serve 46 million people and could provide better service by being on the air at night, even if that means reducing the range of the clear-channel stations.

Not surprisingly, clear-channel station managers disagree.

"There are millions of people out there who get no service other than what they get from the clear channels," said Len Hensel, manager of WSM in Nashville.

He and others at clear-channel stations argue that people driving across the country need a station they can listen to for 1,000 miles or more, not local stations that fade in and out.

Three ways have been suggested to create additional spaces on the dial so daytimers could broadcast at night.

One would extend the AM band from 1600 to 1850, but listeners would have to buy new radios.

Livesay developed a plan to re-



The Associated Press

DAYTIMER — Owner Glenn Bircher switches off WINU radio's transmitter in Highland, Ill.

duce the space between stations from 19 to 9 kilohertz. This would not affect the power and range of the clear-channel stations but would require approval in Canada and South America.

Another plan supported by Livesay would require the clear-channel stations to share 11 fulltime frequencies.

The clear-channel forces oppose any limit on their range, especially the plan to share frequencies with each other.

"I have no problem with the 2,300 stations broadcasting fulltime," said Hensel. "But, I'd rather they didn't do it at our expense."

THE INTERNATIONAL RADIO CLUB OF AMERICA

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

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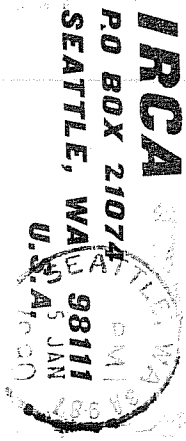
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