

DX MONITOR

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VOLUME 15

NO. 14

WHOLE NO. 465

DECEMBER 24, 1977

DX CALENDAR DX CALENDAR DX CALENDAR

Mon. 12-26-77 0115-0200 WJOB-1230 Hammond, IN 1 kW
 Mon. 12-26-77 0200-0230 WORX-1270 Madison, IN 1 kW
 Mon. 1-9-78 0100-0200 KFDI-1070 Wichita, KS 10 kW
 Mon. 1-30-78 0430-0500 WKEM-1490 Immokalee, FL 1 kW

WJOB-1230(1000-U) test will be run with a variety of items, including TT. John Zondlo will be at the mike. Rpts to Gordon Boss, CE, WJOB, 6 405 Olcott Ave., Hammond, IN 46320. Prepaid calls accepted at (219) 844-1230. Arranged by John Zondlo IRCA
 WORX-1270(1000-D) Directional antenna NE-SW. Test will include march music, tones, frequent ID's. Arranged by Ted Fleischaker with thanks to CE Dave Burns! From NRC DX NEWS.
 KFDI-1070(1000-U) will run with 1000 cycle tone & ID's every 15 minutes using the 10kw, ND daytime power. Arranged by Ron Musco for NRC. Rpts to Cliff Koch, Corporate Engineer, Box 1402, Wichita, KS 67201.
 WKEM-1490-(1000/250-U) will use cycle tone, voice ID's, plus some band music. Will use 1 kw daytime transmitter. Prepaid calls accepted. Announcing & v/s is Stephen Kennedy, Box 520 Immokalee, FL 33934. Arranged by Ernie Cooper for NRC

CHRISTMAS

ALL OF US AT SAN FRANCISCO PUBLISHING HEADQUARTERS
 HOPE THE HOLIDAY SEASON FINDS YOU AND YOUR LOVED ONES IN GOOD HEALTH AND SPIRITS. MERRY CHRISTMAS!!!

GPCers Please Note

Effective immediately, please send all IRCA DX Test announcements to:

Mr. Matthew Zahner
 NNRC BOB Editor
 7224 Gough St.
 Baltimore, MD 21224

Thomas Sundstrom is giving up his portion of the NNRC BOB pages after 11 years....



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NEW MEMBERS

from Rich Segalas

John R. Doherty, 2395 Cimarron Dr., Santa Clara, CA 95051
 Peter G. Campbell, Tremonti Bldg., 5th Floor, 426 Clinton St., Detroit, MI 48226 (rejoin)
 Curtis C. Hayes, 3634 Morgan St., Steger, IL 60475 (rejoin)
 Francis H. Immekeus, 51 Burgess St., Pittsburgh, PA 15227
 Millicent E. Davis, 21003 Marine View Dr. S.W., Seattle, WA 98166

RENEWALS as of 19 December 1977

Eugene Vonderembse, Neil Zank, R.J. Small, Dr. R.B. Ammons
 Charles A. Taylor

About the time that you read this issue, two things should happen:

- *1) Foreign Log Vol 6 should be ready for mailing to those who have ordered one at the pre-publication price. Our illustrious president says that it was going to the printer today (12/19/77).
- *2) Phil Bytheway should be winging his way back to the land of the SCADS for yet another mission. He'll also be going to the Rose Bowl.

We remind you that if you desire to join any other DX Clubs that you check out the club completely and carefully. It's best to join an ANARC member club or an ANARC associate... You can write to ANARC for information on new and old clubs at the following address:

David B. Browne
 Executive Secretary
 Association of North American Radio Clubs
 557 North Madison Avenue
 Pasadena, Calif. 91101

Thanks to all who have sent Christmas Cards to HQ. We hope that you had a Merry one and wish you greetings for the New Year.
 Ted, your obligation has been fulfilled.

'73 til next time, Rich

SPECIAL FEATURE ARTICLES...

There are a number of articles in this issue + two (from Cary Simpson & Grant Manning) that have been forwarded to Bill Hardy for typing. We thank you contributors for the many fine articles but would ask that if you are preparing a special article for publication and use a typewriter that you restrict your margins to a maximum of 5 1/4 inches in length. Longer than these margins and they have to be re-typed.

MAIL PLANE CRASH IN UTAH

We note in the 12/19 S.F. Examiner that a jet crashed in Utah with a cargo of holiday mail aboard. It is possible that some HQ mail and/or DXM's may have been aboard. If you didn't get something from us that you should have, let us know.

YOU COLLECTORS... PLEASE NOTE

David Pristupa, 3437 Ortona St., Saskatoon, SK, CANADA S7M 3R9 needs your aid... Swap or trade free window & bumper stickers & buttons advertising AM, FM & TV stations. These are needed for an overseas DXer hobbyist. Please send any that you can. Your help is much appreciated...

eastern dx roundup

Bob Curtis
17 Cobbleview Dr.
Colchester, VT 05446

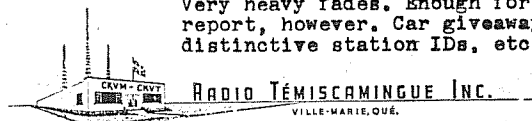
DEADLINES: Mondays All times are Eastern Local

Hoping this reaches you before the holidays may I wish all EDXR reporters and readers the happiest of holiday seasons, and may your 1978 be a memorable DX year. Merry Christmas!

Nice to hear from Pitt McNeill, who is reacting his domestic BCB DX'ing.

- 540 WYNN SC, Florence 11/30 1712 First time I've noted this 250watter w/multi-voiced s/off at 1712 foll'd by excerpt from Martin Luther King speech and Curtis Mayfield record. Good sig w/WGTO subdued. (GA-NC)
- WDAK GA, Columbus 12/2 0225 YL annr, frequent IDs & ads, also singing ID. Xlnt sig w/no QRM/QRN. Hard to believe this is 500 watts. (FC-NY)
- WGTO FL, Cypress Gardens 12/3 1727 Annr Rich Mitchel w/goodbye into song s/off at 1729. (FC-NY)
- + 12/1 1725-1730:30 w/MoR, DJ talk, ID then taped full ID to off. Good. (PM-DC)
- 570 WWNC NC, Asheville 11/29 0705 In w/ments of Asheville & WWNC nxtime. (LSM-KY)
- 590 WPLO GA, Atlanta 12/5 0200 Tried to do some DXing thru WPLO, but by this time a horrendous T-storm was about 200 mi away; and could barely copy WPLO! Needless to say, I gave up for the night. (DD-GA)
- (ed: are Dec. T-storms unusual in GA)
- 610 WIOD FL, Miami 12/3 1906 Poor-fair sig u/WIP. OM annr w/ID, Heavy QRM by WIP. (FC-NY)
- + 12/6 0033 Rpt on traffic condx near Orange Bowl Stadium after Dolphins-Colts f'ball game. Weak but readable signal. (WPT-DC)
- 630 WLAP KY, Lexington 11/28 2019 In jumble w/Freddy Fender at 2019. (LSM-KY)
- 690 WAPE FL, Jacksonville 12/4 1720-1730 In several days, pops, ID "the big APE", off mid-song on all occasions. Apparently Daytime-only now. (PM-DC)
- WVOK AL, Birmingham 12/4 1730 After WAPE s/off at 1730 w/ABC ntwk nx, local nx & wx, IDs. S/off at 1746 after full ID. Fair-poor o/u Relebe. (PM-DC)
- (ed: I pbly shud know what that is, but I don't, sorry.)
- 870 WGTL NC, Kannapolis 12/3 1631 Fair signal Thru WWL + unid rock stn. Many local ads w/instr Xmas mx. (DD-GA)
- 880 WRFD OH, Worthington 12/3 1335 With my new loop amplifier I can finally cut thru the daytime static, hence several new "clear channel locals". Fading in & out w/WRBZ & WCBS. Many local ads, & PSMs. Tuned out at 1557. (DD-GA)
- (ed: very good daytime DX!)
- 890 WHNC NC, Henderson 12/3 1644 Great signal tearing up WLS. Many local sponsors for an extended news pgm. S/off msg at 1659. Ended w/SID. (DD-GA)
- 900 CHML ON, Hamilton 12/4 0103 Nx, wx & ID. Fair. (WPT-DC)
- 920 WMEL FL, Melbourne 12/2 0148 Very good sig (where was WJAR?) CBS nx at 0200. V/L recieved 12/9 for report. (FC-NY)
- 930 WGNT WV, Huntington 11/28 2000 "93-WGNT" ID on hr at 2000. In well w/WBC nx. (LSM-KY)
- 940 WMIX IL, Mount Vernon 11/28 1959 Good with ments of St. Louis, ID, in CBM's null at 1959. (LSM-KY)
- WFNC NC, Fayetteville 12/4 1629 ID by OM & into food ad. C&w mx. Fair-good sig with heavy QRM. (FC-NY)
- 950 WSPA SC, Spartanburg 11/28 2023 In w/ments of Spartanburg, ad for Katell records & mucho QRM fm WAVE. (LSM-KY)

- 980 WONE OH, Dayton 12/4 0137 Terrible signal heard weakly u/WPHG, WSIX + several unids. Very fadey. Contest rules were heard, + PSM fm Lung Assoc. Couldn't tell what type mx they were playing, but I think c&w. (DD-GA)
- 990 WEEB NC, Southern Pines 12/4 1700 Caught s/off foll'ing nx. Good sig. (WPT-DC)
- 1000 WKBQ NC, Garner 12/4 1626 ID, talk by OM annr, ad. Fair signal. (WPT-DC)
- 1030 WBZ MA, Boston 12/4 1618 Ad for Jordan-Marsh Dep't stores in Malden & Lowell Poor but readable sig 28 mins before sunset. (WPT-DC)
- 1050 WLOW NC, Lincolnton 12/4 1658 Wx rpt for Carolinas (temp 50) Poor. (WPT-DC)
- ???? UNID 12/4 1647 Hrd after WGAY s/off, this stn must be in the GA-SC area. May be WAUG Augusta, GA or WJAL Conway, SC changed call letters. Gospel mx & wx (hi 74 lo 55 for Mon. 12/5) No city mentioned. Fair readable signal. Any ideas? (WPT-DC)
- (ed: what say, Georgia DX'ers?)
- 1060 WQWX NC, Mebane 12/4 1644 Gospel mx & ID. Fair but readable signal. (WPT-DC)
- WNOB LA, New Orleans 12/5 0205 Great catch with WHN off!!! DJ was Wayne. Station called & reported. Good-vy good sig. Slight QRM no fading at all. (FC-NY)
- 1080 KAAZ AR, Little Rock 12/9 1730 This stn most wanted/finally logged!!! Wx at 1730, ad for Ford LTD car at 1734. Too much WBAI QRM to report. Fair-good sig mixing w/WBAI. Caught totally by surprise. Best catch for me. (31 states now logged). (FC-NY)
- (ed: last 2 loggings very good!!)
- 1130 WKED KY, Frankfurt 12/3 1030-1130 Good to vy good w/r&r mx, ads for Frankfurt, KY consumer info pgm, Am Contemp nx, DJ-Mason Lee Dixon, IDs as "WKED, Frankfurt,". (LSM-KY)
- (ed: Linda, I noted this in NRC's "AM Switch" for Aug. 22nd)
- 1150 WIMA OH, Lima 11/28 2140 In very well w/PSA fm OH State Police, ID at 2140 (LSM-KY)
- 1190 WLIE NY, New York 12/4 1635 At first was fooled by this w/YL & Caribbean nx, then OM w/Jamaican accent playing raggae type mx till 1700, then Trinidad steel band mx. Show sounded imported, not of local origin. Sounded like typical Caribbean stn. (GA-NC)
- 1220 WLSA VA, Big Stone Gap, 12/1 0659 Hrd ad for local tire co sponsoring AI? nx. Fair signals in for only a few mins. This took a while to figure what I was hearing, because I thought I was on 1230! (DD-GA)
- 1250 KALO AR, Little Rock 12/5 0015-0100 Talk show on local transit issues, but no reportable info, even though I had 4-7 copy for 90% of the time, will try again this week. (DD-GA)
- KPAC TX, Port Arthur 12/5 0100 This is one of the stations at the top of the hour that ruined my KALO. Oh well, this is probably a better catch anyhow. Heard complete s/off msg. (DD-GA)
- WEMP WI, Milwaukee 11/29 2153 In w/ments of Milwaukee, spot for CBS nx coming up, not Mutual as per LOG, then into local nx. In well w/big fades (LSM-KY)
- 1270 WKYZ MI, Detroit 12/3 0020 ID ment of Detroit Police Dept. Good sig thru moderate WWDG splash. (WPT-DC)
- 1280 CJMS PQ, Montreal 12/1 1806 FF talk, momentarily strong signal. (WPT-DC)
- WKST PA, Newcastle 12/3 0002 Nx & ID. Fair signal. (WPT-DC)
- WSAT NC, Salisbury 12/5 0600 S/en w/RA. weak but readable signal. (WPT-DC)
- WNPT AL, Tuscaloosa 12/3 1734 Only bits & pieces heard thru WFTX + many others Very heavy fades. Enough for a fair report, however. Car giveaway contest distinctive station IDs, etc. (DD-GA)



WGTX FL, De Funiak Springs 12/3 1740 Much wanted station finally logged here, with remote broadcast featuring live gospel groups in a local shopping mall (ugh). Much fading and QRM from WADO, WNPT etc. (DD-GA)

WADO NY, New York 12/3 1746 I've always thought that this was just another rotten Cuban, until I heard a weak "radio WADO" ID u/WGTX. Looped out enough garbage to get a decent ID & ad for champagne in SS on tape. Will try to translate & send a rpt. (DD-GA)

1320 WKRK NC, Murphy 11/30 1730 In well w/good s/off annmt. (LSM-KY)

1330 WFBC SC, Greenville 12/3 0009 Nx, ID, mor mx. Fair to good signal. (WPT-DG)

1350 WHWH NJ, Princeton 12/3 0012 ID (lucky to get this) This stn apparently surfaced momentarily o/usual WSLR. (WPT-DG)

1360 WSAI OH, Cincinnati 12/1 1915 Spot for "Sat. Nite Special" coming up. In fair w/mucho QRM plus CB QRM from somewhere, 2 good IDs. (LSM-KY)

1370 WHEE VA, Martinsville 12/6 0603 S/on with NA. Poor signal. (WPT-DG)

WLOP GA, Jesup 12/4 1729 Promos or Santa Claus this week. Since sunset already occurred at WLOV, Washington, GA, who is a daytimer, the letters WLO in ID led to above conclusion. Poor (WPT-DG)

1420 WHK OH, Cleveland 12/4 0017 G&w mx "Now You've Gone" by Fealin Husky, foil'd by ID. Fair to good. (WPT-DG)

WVJS KY, Owensboro 11/28 1820 In strong w/ments of Owensboro, Cent. Time (LSM-KY)

1430 WNAV MD, Annapolis 12/1 1714 Finally hrd this much wanted w/wx & spots for Chesapeake area, but destroyed by ex-WNJR. (GA-NC)

+ 12/11 1639 Came thru w/clear ID in the mess on 1430, 2nd logging. (BC-VT)

WATP SC, Marion 12/5 0602 S/on w/NA. Poor signal. (WPT-DG)

1560 WJWG TN, Nashville 11/30 1741 Burying WQXR w/rigs & gospel mx. 1745 s/off (GA-NC)

1570 CFOR ON, Orillia 12/6 1712+ W/sports nx, lotsa ads, pops, IDs. Strong but w/CHLM QRM. Regular hr usually. (FM-DC)

1580 WCCR IL, Urbana 11/28 1749 In well w/good s/off annmt. (LSM-KY)

WPKY KY, Princeton 11/28 1745 In w/s/off annmt, no SSB at 1745 seconds after probable WLIJ s/off. (LSM-KY)

1600 WAYC PA, Bedford 12/4 1624 A mess w/the usual half dozen stns fighting it out WAYC briefly surfaced w/Sears of Bedford ad. (GA-NC)

CHNR ON, Simcoe 12/8 2300-2305 Hrd u/WUNR "CHNR news". Poor. (BC-VT)

Please add following memo from (WPT-DG)

780 WABS On Sunday 11/13 WAVA-780 changed its call letters to WABS with a soft rock format, replacing the all-news format. I mention this for the sake of DX'ers interested in logging a DC area stn. on 780. (WPT-DC)

REPORTERS THIS ISSUE

- GA - Gregg Allinson, P. O. Box 577, Maysville, N.C. 28555. Realistic TRF
- FC - Frank Colella, 2184 E. 28th St., Brooklyn, NY 11229. Phillips RL-207
- DD - Don Davis, 107 Oakdale Drive, Warner Robins, GA 31093. S-76 + counter, Heath T.O. and loop.
- PM - Pitt McNeil, 3723 T. St., NW, Washington, DC 20007.
- LSM - Linda Sue Morby, 5119 Euclid Ave., Apt. 4, Louisville, KY 40272. Mont'y Ward 10-band ptable w/int'l loop.
- WPT - Bill Townshend, 4500 Conn. Ave. NW, Washington, DC 20008. DX-160
- BC - Bob Curtis, 17 Cobbleview Drive, Colchester, VT 05446. SP-600

FROM: SFPC
 RICH, DON, ELOISE,
 LARRY, RICK AND
 MIKE



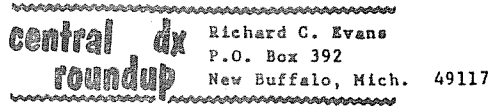
BCB HARMONICS

Whether or not BCB harmonics should have a place in this column, I don't know. However, they may be of interest to some EDXR DX'ers. At the very least they give the BCB DX'er a chance to see what some 'hard to get' station really sounds like. Comments are invited. Here's a couple of recent loggings, both by (BC-VT)

WTVL Waterville, ME on 1490 was putting out a good signal on 2980 on 12/7 1550-1723. Typical local pgming w/ads for bank & Kmart. Also, such as: "stay tuned for Maine news" and "serving the people of Central Maine".

CKOB Kennebec, ON on 1400 is still putting out on 4200 with a good signal. See previous EDXR reports *****

73 and good DX Bob Curtis



DEADLINES: Tuesdays TIMES: Eastern Local

- 880 KRNV NE Lexington, 11/30 1815-1820 poor until 1818, then perfectly understandable; with frequent taped and live IDs; spot for Dairy consignment sale. No QRM at this time, but stn non-existent thruout the evening. (KLB)
- 950 KJR WA Seattle, 11/30 1845-1848 fair signal with slight unid QRM from a number of stns; spot for Blue Nun wine; Seattle area Wx; motor-mouth jock; signal consistent, neither improving or fading away. (KLB)
- 1000 KOMO WA Seattle, 11/30 1905-1911 xlint signal, QRM almost nil; QRM negligible, spot for Sainglaier Cadillac/Oldsmobile in middle of Seattle Nx; spot for fryers (!) sponsored by Wash. Fryer Comm. (KLB)
- 1070 KNX CA Los Angeles, 11/29 0230-0232 PSA for Park Century School. Fading in and out with WTSO. (RS)
- 1110*WZAM*VA*Norfolk, 11/29 0224-0226 testing with C&W and voice ID. Good signal. (RS)
- 1140*KLUC*NV*Las Vegas, 11/28. Poor-very good on DX test w/req. programming & "stereo K-L-U-C" IDs, 0300-0500. New state, taped rpt sent. (GT)
- 1190 CHTN PEI Charlottetown, 11/21 0225-0345, fair to poor signal, WHMT-TN testing, WOWO off but testing. Mostly Mx, DJ-John McKay, most talk inaudible, so I called and McKay did a PSA and mentioned my call. I did get bits and pieces. First P.E.I. (RS)
- 1370*WEIF*WV*Mountsville, 11/27 & 12/3 0247-0318 & 0115-46. Eting both nights with very good to poor signal depending on modulation %; minor WSPD/KFRO QRM, but major WAOK side-band QRM; various tones, extremely long periods of OC, & very irregular IDs; new, w/stn called and reported. (SAM)
- 1400 KFPU MO Columbia, 11/28 0530-0532, Excellent signal, Debbie Boone, ID and talk. (RS)
- 1550 WORJ MS Jackson, 11/28 0315, poor with ID and ad for paper recycling. (RS)
- 1560*WCNW*OH*Fairfield, 11/28 0107-10. Very good on ET, coming in here almost like a local; C&W Mx w/IDs after every selection; completely obliterated all QRM; logged annually on PoP with very nice v/l rcvd in a week. (SAM)
- 1570 WIFF IN Auburn, 11/28 0626, good, ID with Ron Richards. (RS)
- 1580 WPGC MD Morningside, 11/28 0650-0700, excellent signal, Nx and lots of IDs. (RS)
- 1600 WUNR MA Brookline, 11/28 0202-s/off, fair signal would have missed it if KCRG hadn't s/off at 0159. (RS)



A TIP OF THE HAT THIS WEEK TO:

- KLB - KEN L. A. BURGESS, 278 Third Avenue Northeast, Swift Current, Saskatchewan S9H 2G7
- SAM - SCOTT A. MENTZER, Route Three, Tylertown, Mississippi 39667
- RS - ROBERT STEADMAN, 2758 South Wentworth Avenue, Milwaukee, Wisconsin 53207
- GT - GERRY THOMAS, Apt. 460, 2355 W. Michigan Ave., Pensacola, Florida 32506

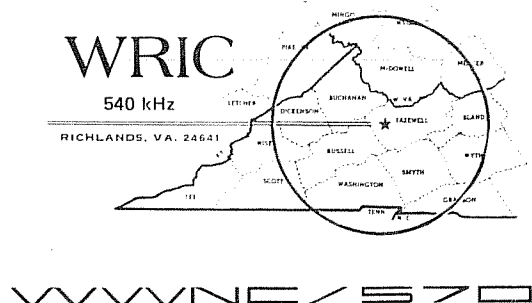
Welcome to the column, Ken and Bob. Report often.

GUIDELINES FOR REPORTING TO CDXR:

Generally, I consider the use of rules for reporting to various columns in DXM to be counterproductive--some refuse to report because of all the rules, and others study the rules to find more ways they can try to an editor up the wall. However, since CDXR is seeing a bunch of new reporters this season (of the 14 different reporters to CDXR this season so far, 7 are new reporters), here are some guidelines to follow:

- 1) There's no need to arrange reports in order of frequency. I use the cut-and-paste method of setting up the column for typing.
- 2) Use only one side of the paper. If you use both sides, it's my option which side to use. Also, don't start an item on one page and finish it up on another.
- 3) Please list your initials on each and every item. I try to proof-read and catch omissions, but it's easy to miss if I'm in a hurry. Also, use the same initials each time. I work off 3x5 file cards for convenience and future reference.
- 4) Use Eastern Local time. It's Central time plus one hour, Mountain time plus two hours. If at all possible, use the 24 hour clock which appears in the column; if not, indicate AM or PM on all times. I hate guessing games, and one report this time didn't say. I used to listen to WBZ-1030 at 1500 almost every day in the winter.
- 5) Be legible. If it's too hard to read, I won't use it. One report last spring was so bad I don't understand how the post office was able to deliver it.
- 6) Double-space between items but single-space within them. Leave me an inch of room on the left side of the page, for notes, etc.
- 7) Show the frequency on the far left of the item. If you don't show it, I have to look it up. One report last issue put the frequency in the middle of the item on 13 stations, and the date on the far left.
- 8) Unids need enough material to let someone help you. Scott Mentzer has good ones, if you need an example. His 900 unid several weeks ago turned out to be Radio Barbados.
- 9) The basic rule: If you were editor cutting reports apart and taping up in order, would you want ten reports just like yours hitting the mailbox right at deadline time on a day you had to work a 12 or 15 hour shift?

I should add that most reports are fairly good ones. The thing is that while omissions/defects in one report may not be too much a problem, by the time it's repeated across reports from 8 or 10 different reporters, it's a headache on this end. The main thing, though, is to keep the reports coming. Sometimes, I've wondered if I would have even one to do a column with. 73.



1365 Peachtree St., N.E.
Atlanta, Georgia 30309

NANCY HARDY, Editor

2301 PACIFIC AVE.

ABERDEEN, WA 98520

western dx roundup

ALL TIMES ARE EASTERN LOCAL

Phone for hot WDXR tips: (206)532-6827 till 11:30pm (PLT) nightly--prepaid calls only

DEADLINES: Wed. December 28, Thurs. January 5, Thurs. January 12, Thurs. January 19

REPORTERS FOR THIS ISSUE:

- (NHP) Nick Hall-Patch-3272 Alder St.-Victoria, BC Transmogrified HRO, V8X 1P2 FET AA loop
- (EH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA Lafayette HE-30, SM-1 98520
- (NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA Lafayette HE-30, SM-1 98520
- (WJH) Bill Harms-N. 2213 Vista-Spokane, WA 99206 Grundig 5000, Realistic TRF, Delco car radio, loopstick, 2' loop, 100' long-wire
- (ASL) Albert Lobel-10514 Caminito Baywood-San Diego, CA 92126 Realistic DX-150A, Sanserino loop, 2 longwires
- (RET) Randy Tomer-P.O. Box 2674-McKinleyville, CA FRG-7, SM-2 95521
- (RW) Robert Wien-945 Desert Isle Dr.-San Jose, CA GE TRF long-range portable 95117
- *****
- 550 KAFY CA, Bakersfield 2256 12/5 fair in KARI null w/KAFY SID & a couple of spots. No sign of KOAC. Very odd cx tonight--only TVI & central Calif. stations seemed audible outside of locals. (NHP-BC)
- 570 KLAG CA, Los Angeles 12/4 2025-2028 local ads, ID and C&W mx. In fair, no QRM. (WJH-WA)
- 580 *unID* 12/5 0326 unID 1 kHz TT heard u/KMJ, most likely KFXD as they were off. (RW)
- 590 KFXM CA, San Bernardino 12/12 0307 w/old Top 40 mx. Spot for some business on highway 91. Much slop from local KOGO-600. ID at 0311. (ASL-CA)
- 610 CHNL BC, Kamloops 12/1 0004-0006 nx, local wx, ID "NL Radio" into rr mx. (WJH-WA)
- 630 KIDO ID, Boise 12/12 0253 mixing w/KOH. No ID but MST TC gave it away. Besides, both are pests here. (ASL-CA)
- 630 KGDN WA, Edmonds 12/1 1900-1914 I caught them after local daytimer KZUN s/off. AP nx, local ads, and comment about sports. Only ID was after wx. "It's 520 at K-G-D-N." (WJH-WA)
- 640 KFI CA, Los Angeles 12/5 noted s/off at 0700 for test of transmitter. (WJH-WA)
- 641 KFI CA, Los Angeles that's right, 641, their freq. switch was on per p. 176 of 12/10 DXM. Made 12/13 0300 & 12/14 0302, right after they ID'd and intro'd Ae nx. You heard a "click" and suddenly they were off freq. just a hair, and a 1 kHz het could be heard (probably hetting against the Cuban as the Zedder runs only 2kw!). Signal maybe just a touch weaker than on 640. (BH-WA)
- 690 KRCO OR, Prineville 11/30 1800-1821 noted here w/fair signal, little QSB. Local ads, and talk of water moratorium. (WJH-WA)
- +Good at 1815 12/5 w/ID, local spot. (RET-CA)
- 720 KDWN NV, Las Vegas 12/4 1815 in very poor, much QRM w/rr mx, ad for Sahara Hotel, 3:15pm local time. (RW-CA)
- 730 KSVN UT, Ogden fair w/ID & TC 1844 12/5, heard u/KBOY & others. (RET-CA)
- 740 *KRMG* OK, Tulsa 12/12 0331 w/"This is KRMG in Tulsa Oklahoma conducting tests on this frequency." KBRT & KCBS off. (ASL)
- 790 KXQR CA, Clovis logged w/solid ID 1000 12/7, mention of community service, brief state & local nx, back to EZL mx by 1002. (RET-CA)

810 CHQR AB, Calgary 12/1 0611 in fair to good u/nulled KGO. I heard jingle ID, into rr mx. This is most likely the one I heard 2 weeks ago. (WJH-WA)

830 KIKI HI, Honolulu strong 0120 12/6. KIKI's Wolfman is not "the" Wolfman, but is some kind of coyote. (RET-CA)

870 KIEV CA, Glendale 12/4 1931 in loud & clear, unusually good reception w/EZL-rock mx. (RW-CA)

900 *unID* 12/12 0559 unID TT. Ideas? (ASL-CA)

910 KNEW CA, Oakland 12/5 0315 noted off again This MM for 2nd week straight. (RW-CA)

910 CFJC BC, Kamloops 12/5 0324 heard again this week w/KNEW off, KMJC nulled, thought this one was KIKI, as to format, but ID at 0330 blew my hopes. KIKI needed. (RW-CA)
+12/10 0028 good w/QRM. ID "Music Radio CFJC." There was slight slop from KXLY. (WJH-WA)

920 KDES CA, Palm Springs in good 1935 12/2 w/ spot for a local concert, top 40 mx. (RET-CA)

930 KEWQ CA, Paradise fair during peaks 1845-1900 12/2 w/YL & OM chatting, local spots, ID's. (RET-CA)

930 KHJ CA, Los Angeles 12/12 0300-0614 off air for 3rd MM in row. Open carrier at 0615. W/all the others that have gone NSP lately it's a relief to see a station change to have a SP. (ASL-CA)

930 KSEI ID, Pocatello 11/28 0500 ID & NBC nx. KHJ off, but back on at 0500:30; faint KSEI underneath. 12/12 0347 w/mentions of Pocatello. KHJ again off; 3 MM's in a row. Did they change from NSP? Re-check 0605 and still there. (ASL-CA)

970 KYTE OR, Portland I logged this one as KOIN several years ago, and I relogged them on 12/5 0651-0700 w/ads for a local restaurant and nx by YL anncr. KREM was off again. (WJH-WA)

980 KVLV NV, Fallon 12/4 1814 earliest reception ever for this one, in poor, but o/ everything w/Nevada nx. (RW-CA)

1010 KCHJ CA, Delano 12/4 1726-1734 heard w/relig. program and ID. Signal was fair, no QRM. (WJH-WA)

1010 KIQI CA, San Francisco 12/8 1944 caught s/off in fair. CBR off? (WJH-WA)

1010 unID 12/5 0330 unID SS in w/SS rr mx, into ranchita mx, male announcer, no ID's heard. Definitely not KCHJ, as they were off. Is this XEHL? (RW-CA) (Probably, though KCHJ does have a SS program. See also next item.--NH)

1010 unID 12/12 0358 w/ranchero mx & SS announcer. Definitely in California! Gave what was probably a phone number at 0401; that number was: (714) MUSICAL. The letters M-U-S on the telephone dial are the numbers 6-8-7; the 687 prefix in (714) is in Riverside. Only stations on 1010 in S. Calif. are KCHJ-Delano and KCMJ-Palm Springs; both a little far from Riverside to give Riverside phone #. (ASL-CA) (If it was a U.S. station it would have to ID in EE at or about 0400. Anyone else have any ideas?--NH)

1020 KTNQ CA, Los Angeles 12/5 0430 noted off. (ASL)

1030 WBZ MA, Boston 11/28 0531 w/many "EZ" ID's and a prayer. Followed by something on hospitals. Logged before; but, long time no hear. (ASL-CA)

1030 *KCTA* TX, Corpus Christi 12/12 0631-0638 test transmission w/voice ID, rr mx, and OC. Good to fair signal. (WJH-WA)

1040 KPOI HI, Honolulu 0324 12/5 finally logged this w/HST TC and spot mentioning Hawaii, then nx 0325 & K-P-O-I ID at 0328. Fair to good w/CFAX-1070 splat. (NHP-BC)

1080 KSCO CA, Santa Cruz 12/4 1903-1910 heard w/ EZL mx, nx, wx, ad for a local restaurant. Good w/slight QRM. (WJH-WA)

1090 KAAAY AR, Little Rock 12/12 0640-0700 fair signal monitored the whole time. The only thing I could hear was ID at 0640 and 0657 a market report. Too much XEPRS QRM & KING ID at 0658. Not enough for a verie, I will try again. New state #34. (WJH-WA)

1090 CHEC AB, Lethbridge daytime reception on 12/1 1640-1656. Good w/only slight QRM. Local ads, DJ talk, frequent ID's and rr mx. (WJH-WA)

1100 WWWE OH, Cleveland 12/10 0041 noted w/rr mx u/KPAX, KREX, no ID then. At 0404-0423 when I returned, I heard 3WE ID, nx, wx, mx. DJ talked about Happy Birthday greetings to someone. I had been looking for this one for a long time. The signal was fair to good. Readable only in KPAX fade out. (WJH-WA)

1110 KRLA CA, Pasadena 12/4 1919-1924 ID & rr mx. According to my log it's listed as KIGI. What's the story? In fair to good w/slight QRM. (WJH-WA) (KIGI was assigned by the FCC to a new station at Pasadena to replace KRLA. However, unsuccessful applicants are appealing in court. KRLA continues in the meantime.--NH)
+12/4 1808 earliest ever for this one, in excellent way o/KPOP w/LA nx, wx for Pasadena. "Hit radio 11" ID into rr mx. (RW-CA)

1110 KBND OR, Bend 11/30 1700-1710 I heard ID w/ talk of water moratorium. Poor signal w/lots of QSB & QRM. (WJH-WA)

1120 KMOX MO, St. Louis 12/12 0329 w/talk show. Loop turned 90° from KPNW. (ASL-CA)

1120 KPNW OR, Eugene 12/12 0329 w/mention of a mattress store in Eugene. Top 40 mx. (ASL-CA)
+12/4 1810 in at 10 after 3, good w/rr mx, ad for local supermarket. (RW-CA)

1130 ?KSDO? CA, San Diego 12/4 1857-1900 fair signal barely audible. I thought I heard a reference to San Diego, so this is only tentative. (WJH-WA)

1130 KLEI HI, Kailua fair u/CKWX 0438 12/5 w/HI wx, ID, then into a Neil Diamond song. (RET-CA)

1130 KBMR ND, Bismarck 12/1 1756-1800 telephone talk show, wx, ID "1130...Bismarck." No call letters but this was good enough for me. Poor signal u/nulled CKWX. (WJH)

1130 CKWX BC, Vancouver 12/4 1816 in at a quarter after 3 w/ad for United Pharmacy in W. Vancouver, "Super Country" ID's. Has this ever been heard at noon in Calif.? (RW-CA)

1130 unID CA? Relig. program during the opening to Calif. 2340-0000 12/4. Faded out at 0000. (WJH-WA)

1140 KRAK CA, Sacramento 12/4 1807-1810 no QRM, or QSB, w/ID, C&W mx and local ad. During opening to Calif. (WJH-WA)

1140 KLUC NV, Las Vegas 12/4 1929 in good to excellent w/KRAK nulled, KLOK-1170 slop; rr mx, ID as "Stereo K-luck." (RW-CA)
KLUC 12/5 0440 w/ID "Stereo K-luck, KLUC Las Vegas", top 40 mx. At 0450 had interview w/the CB Rabbi of L.A. (ASL)
+12/5 0314 in on schedule this week rather than 1/2 hour late last week, totally destroying CKXL w/xlnt signal no fading. Ad for Nevada Coin Mart, and ad for Earth, Wind & Fire appearance at the Aladdin Theatre, ID again as "Stereo K-luck." (RW-CA)
+12/5 0333-0345 running RS w/lots of spots, top 40 mx & 1 or 2 KLUC ID's. Excellent signal, must have been 10 kw transmitter. Not quite legal? (NHP-BC)

1140 KSOO SD, Sioux Falls 12/11 0629-0631 wx, ID, Ae nx. No QRM, fair to good signal. (WJH-WA)

1140 CKXL AB, Calgary 12/1 1525-1540 good w/ slight QRM from KGEM. Local ads, DJ talk, and mx. (WJH-WA)

1150 KAGO OR, Klamath Falls 11/28 1935 just a TC & KAGO ID noted o/u KAYO & Mutual nx which turned out to be KKEY. Channel was a real mess. (NHP-BC)

1150 KKEY OR, Portland 1945 11/28 fair after a spot for a Mexican restaurant, this came up w/"Key radio, K-K-E-Y Portland Oregon," then KAYO took o/as s/off started. (NHP-BC)

1150 KAYO WA, Seattle 12/5 0226 in good, way o/
KKIS, XBRM. Long-time-not-heard, CKX w/
Crystal Gayle mx, ID. (RW-CA)

1160 KSL UT, Salt Lake City 12/1 I noted all day
reception of KSL by groundwave propaga-
tion. (WJH-WA)

1170 KCBQ CA, San Diego that area code 800 number
given a few weeks ago has been discontinued
and there is no new number. This per Ma
Bell recording. (ASL-CA)

1170 *KCBQ* CA, San Diego 12/12 0629 testing w/
accordian mx (polkas, waltzes, etc).
Sure a change from their usual rock
format. (ASL-CA)

1170 ?WVLC? MA, Orleans 11/28 0600 not sure! Heard
APR nx. WVLC is only one listed in NRC
Log. KLOK too much for pos. ID. (ASL-CA)

1200 WOAI TX, San Antonio 12/12 0633 w/Garner Ted
Armstrong followed by ID & San Antonio
wx then nx. (ASL-CA)

1240 KBON CA, San Bernardino 12/5 0229 in w/KROY,
KMBY nulled, o/u KSMA w/ID "K-bawn" and
"It's 11:29 at KBON, San Bernardino."
Not heard in a while. (RW-CA)

1240 KBLI MT, Helena 12/8 2000 ID into nx. Fair
to good in mess. (WJH-WA)

1260 KYA CA, San Francisco 12/4 1940 in fair w/
no QRM. Waterbed ad, jingle, into mx.
(WJH-WA)

1260 KVSF NM, Santa Fe 12/12 0024 w/ID & rock mx
u/KGIL w/talk. Slightly better on 60'
longwire than Sanserino loop. (ASL-CA)

1260 KMCM OR, McMinnville 12/8 2006-2015 $\frac{1}{2}$ mx, ski
report, local ads, SID. Good o/others.
(WJH-WA)

1260 KPOW WY, Powell 12/8 1907-1909 "Intermountain
Network News" & ID o/u mess. (WJH-WA)

1270 KBLC CA, Lakeport 12/4 1942-1943 ID into s/
off w/SSB. (WJH-WA)

1270 KFJZ TX, Ft. Worth 12/12 0445 w/top 40 mx.
At 0452 a spot for "Hiring Line". Many
ID's. (ASL-CA)

1270 ?XEAZ? Mexico, Tijuana BC 12/4 2010 in fair w/
YL announcer in SS. (WJH-WA) (KTIC has
SS at that hour.--NH)

1280 KFRN CA, Long Beach 12/5 0545 ex-KFOX w/relig.
program. Hope this won't be their usual
new format. Another gospel preaching
station is too much for S. Calif.; one
XEMO is enough. 12/12 0456 w/Family
Radio Programme. Said they are affiliated
w/shortwave station KGEI, ID "KFRN in
Long Beach" at 0500. (ASL-CA)

1280 KTLK CO, Denver 12/6 1907 popped in w/ID and
back out of the mess. This frequency
sounded like GY. (WJH-WA)

1280 KBDF OR, Eugene 12/6 1905-1908 $\frac{1}{2}$ ID, request
line, rr mx and local ad. w/KIT and
others. (WJH-WA)
+12/4 1927 not heard in o/a year, barely
o/mess w/slop from KAZA-1290. In w/wx
for Eugene, "KBDF" ID, into rr mx.(RW)

1280 KWMS UT, Salt Lake City 1900 12/6 fair signal
on top of channel w/"news radio KWMS
1280 Salt Lake City" legal ID at top of
hour. Haven't heard this since they were
KNAK. (NHP-BC)
+12/6 1902-1907 nx, wx, references to Salt
Lake City and ID. Fair w/others. (WJH-WA)
(You had this listed as KNAK, Bill. You
must mean KWMS.--NH)

1300 KWKW CA, Pasadena 12/12 0510 in SS w/mention
of Hollywood Blvd and P.O. Box 3989.
Ranchero mx. Usually nullable, but not
this MM. (ASL-CA)

1300 KMFB CA, Mendocino 12/4 1922 becoming a
regular at SSS. Bombing in o/everything
w/EZL mx, ID as "the easy sound for the
north coast, KMFB." My NRC Log says
they're now 5 kw, DA-D. Does anybody
know if this is true? Where do they
point? A very poor signal in Ukiah, but
a fair signal in Eureka. (RW-CA)

1300 KPTL NV, Carson City 12/5 0231 one of few
times heard at night, in w/ad for job
in Carson City restaurant. Fair, o/
everything, but w/fade-out, KYNO take
over. (RW-CA)

1300 KRVB OR, Medford 12/4 1945 new, but can't
send report as don't know address.
Heard s/off many mentions of "KRVB",
owned by the Feier Broadcasting Co.,
s/on at 6am, announcer Ray Krogan. Much
QRM from KYNO, KPTL, KWKW, KMPS and
KMFB. (RW-CA)

1310 KNUI HI, Kailua strong after KDIA s/off 12/5
w/rr, TC's, "K-nui" ID 0308. (RET-CA)

1310 KLIX ID, Twin Falls 11/30 1703-1720. Ai nx,
local PSA, ads, ID and mx. Signal was
fair to good for daytime reception. I
sent a report and rec'd a verie/1 and
a pack of goodies. The station manager
was very excited. (WJH-WA)

1310 KNPT OR, Newport 12/5 0300 heard s/off just
after KDIA s/off, o/u KNTA-1430 image;
no SSB, instead beautiful mx s/off,
much like KPRO-1440. New w/report sent.
(RW-CA)

1310 WRR TX, Dallas 12/12 0515 w/Jepko show. This
one had me fooled a few weeks ago. NRC
Log shows WTIK w/Jepko, not WRR. I
phoned the Jepko show and was told
WTIK no longer has the show. (ASL-CA)
(How old is your list, ASL? They dropped
most of their old station lineup after
5/27/77.--NH)
+12/12 0551-0600 Herb Jepko show and ID
on the hour. (WJH-WA)

1310 KARY WA, Prosser 1916 12/7 just caught "good-
night from KARY, country kerry" then
KNPT took over. (NHP-BC)
+12/1 1315-1318 C&W mx, ad for local car
dealer, w/ID. New logging. (WJH-WA)

1320 KCRA CA, Sacramento not new here, but rec'd
w/no QRM w/Newsbreak ID & ABC nx at
12/4 1959-2005. 12/11 2249-2304 no QRM;
rr mx, YL announcer and nx on the hour.
(WJH-WA)

1320 KOLT NE, Scottsbluff 12/6 1926 I couldn't
believe my ears! SID into C&W mx, poor
to fair, quickly faded out, but was
audible. (WJH-WA)

1340 KMAK CA, Fresno 12/12 0526 w/faint "K-mack"
ID u/KIST & XEAA. (ASL-CA)

1340 CKGF BC, Grand Forks 12/12 0311 atop w/long
s/off for CKOK-800, CKGF, & two other
twins, following nx, sports, & wx.
Then vocal Lord's Prayer & choral O
Canada. Good-to-fair thru KWWW ET. My
#700 logging. (BH-WA)

1340 unID unID w/CBS nx intro noted here 1000
12/8 but nothing else in crud. Nearest
listed CBS affiliate seems to be KBET
in Reno. (NHP-BC)(Might be KAIN.--NH)

1350 KSRO CA, Santa Rosa 12/12 0528 w/ID & MOR
mx. Heard full ID w/TC at 0528. (ASL-CA)

1350 KIVM HI, Lihue w/laid-back HI mx, great sig.
0315 12/5. (RET-CA)

1350 unID 12/12 0059-0109 station w/opera being
sung in GG u/KCKC CA San Bernardino.
KCKC & slop from local KGB-1360 too
much for any ID. (ASL-CA) (This is no
proof, Albert, but KSRO always has
classical mx Sun. nights till 0300 MM
so is most likely.--NH)

1360 KFIV CA, Modesto 12/4 1940-1955 waterbed ad,
other local ads, mx, ID into Ac nx.
(WJH-WA)

1360 KRKK WY, Rock Springs 12/12 0707-0709 ID,
local ads into mx. No QRM. My best
reception yet. (WJH-WA)

1380 KRKO WA, Everett 12/11 noted off on SM.(WJH)
+12/12 0300 live s/off following Beatles
"Goodnight" song, said s/on 0800. So
AN prog'g MM 12/5 evidently just because
of flooding. (BH-WA)

1380 ?WMEE? IN, Fort Wayne 12/11 0643-0645 DJ talk
about Fort Wayne; o/rr station, w/KGMS.
Very weak, no positive ID. (WJH-WA)

1390 KCEY CA, Turlock 12/4 2110-2116 C&W mx and
ID in fair to good. (WJH-WA)

1390 ?CKKC? BC, Nelson 12/12 0614-0631 PSA's for
Care Canada, Christmas Seals, EZL mx.
No ID. Needed here so will try again.
Good signal. (WJH-WA)

1400 KDRG MT, Deer Lodge 12/8 1801 mx, ads for
Helena, Missoula, and of course Deer
Lodge. SID. O/GY mess. (WJH-WA)

1410 KERN CA, Bakersfield 12/11 2306-2313 local ads, DJ talk, ID, rr mx. Fair signal mixing w/KCQL, no sign of C-FUN. Maybe they were off. (WJH-WA)

1410 KGOL CO, Fort Collins 12/11 2308-2319 EZL mx, Colorado road report, ad for AM-FM radio converter, wx, and frequent ID's. Fair signal mixing w/KERN, no CFUN. (WJH-WA)

1410 KWYO WY, Sheridan 12/8 nx, wx, ID, and talk of football at 1931-1935. (WJH-WA)

1430 KOSI CO, Aurora 12/1 0653-0702 EZL mx, ID, and local ads. Rec'd before KLO s/on. (WJH-WA)

1450 KAVA CA, Burney 12/11 1953 area road cx, 1959 TC & call letters, 1959 ID. Poor to fair w/KONE, local KBKW off. (NH-WA)

1450 KVML CA, Sonora 12/11 2035 1/2 promo for "Issues and Answers" on KVML & KROG-FM, spot, into mx. Fair w/KONE, local KBKW off. (NH-WA)

1450 KXXL MT, Bozeman 12/8 1825-1827 w/ID "KXXL the only station you will ever need." Into nx, a local ad; mixing w/GY mess. (WJH-WA)

1450 *KREN* MT, Red Lodge 12/8 0250-0257 1/2 w/f/c 1 kHz tone and ID. This is different time than f/c list. In good o/QRM. (WJH-WA)

1450 KGRZ MT, Missoula 12/7 1747-1754 o/u GY mess and KXXR-1440 slop w/local ads, DJ talk and many ID's. (WJH-WA)

1450 KRZY NM, Albuquerque 12/12 0534 w/ID that almost sounded like KR30. But mention of Albuquerque and I knew it had to be KRZY. (ASL-CA)

1460 KDON CA, Salinas plus KENO Las Vegas NV 12/12 0026 w/equal power here. KDON had Bay area wx followed by rock mx. KENO had wx followed by rock mx. (ASL-CA)
+12/4 2053-2100 DJ going off, ID, rr mx fair to good o/QRM. (WJH-WA)

1470 KDUN OR, Reedsport 12/4 1933 in fair o/XEBBC, KNDE way down in mess, ID's "KDUN news time 27 min. before 5" & "KDUN, K-dune information" into EZL mx. (RW-CA)

1490 KOWL CA, South Lake Tahoe 12/11 0810 ID into mx. Good o/all. (WJH-WA)

1490 *KVAC* WA, Forks 12/5 0319 finally caught a definite ID on this one, official logging now. Poor, but alone on freq. o/KDB, much slop from KXXR-1500. 1 kh TT, 2 ID's in Morse code as "K-V-A-C," then more tone. Does this one dominate 1490 in Aberdeen at night, NH? (RW-CA) (Absolutely not, Robert. They're usually weak on f/c.--NH)

1500 KXXR CA, San Jose 12/11 0629-0632 Mutual nx, ID, "Capital Cloakroom." (WJH-WA)

1500 KROQ CA, Burbank 12/12 0147 heard off end of E/W wire w/spot for group called "Talking Head". Often heard; but ignored--this time I logged it. Switched to Sanserino loop at 0157 for official logging. (ASL-CA)

1500 CKAY BC, Duncan 12/11 1000-1003 C&W mx, ID, local ad, into provincial nx. Good, o/all. During KGA's SP so no slop. (WJH)

1520 KACY CA, Port Hueneme 12/12 0215 w/program on the earth catching a cold. Actually, about a new ice age. ID at 0230. (ASL)
+12/4 1812 in at a quarter after 3, fair o/u KMPG w/rr mx, "K-Cee 152" ID's. (RW)

1540 KPOL CA, Los Angeles 12/4 1811 earliest reception yet for this one, in good o/KASA w/MOR mx. (RW-CA)

1540 KKAP CA, Aptos-Capitola 12/6 1814 on air finally, NRC Log is now correct. In w/ad for the Firehouse in Aptos, ad for Prolo Chevrolet in Santa Cruz. Poor, o/u/KPOL, KASA. Very poor signal for 1000 watts ND, at 35 miles. Nx at 1830, ID as "K-cap", announcer Jean Wesco. S/off at 1945 gave power as 1000 watts. WC members should try at SSS for this new one, must have been on air no more than two days, as not on air Sunday per 1540 check. (RW-CA)

1550 KKJO MO, St. Joseph 12/11 2352-2356 1/2 rr mx, ID, TC and phone requests. Fair w/KKHI, KRGO; no sign of KGAR. (WJH-WA)

1550 KRGO UT, Granger 12/6 1828 in on earliest reception ever, in good w/KKHI nulled; in & out w/G&W mx, "One double five-0, Country Cargo" ID's. (RW-CA)

1570 KCVR CA, Lodi very strange reception on 12/1 1202-1217 w/releg. program w/ID at 1204. Signal was fair to poor, but very readable. (WJH-WA)

1590 KLIW CA, San Jose 11/30 1151-1157 local ads, mx and ID's in poor. Strange daytime. (WJH-WA)

December f/c heard per the list:
1st MM KGHL-790 MT (RW-CA)

Guess I can't complain about support to WDXR again this week. If I'd gotten one more report it wouldn't have fit on the kitchen table when I laid all the tips out to be taped together! Times like this I wished I had an electric typewriter, hi. Happy New Year!!!

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

Jim Ryan-2211 2nd Ave. N.W.-Cullman, AL 35055
It's a boy!! 7 lbs., 15 ozs., born November 28th. Mommie and baby are fine. Daddy's still a little shook up. After all, it's been 4 years since he last changed a diaper. DX is dead in Alabama. The mailbox is empty and things have been so bad, I've stayed on the ham bands. (Haven't been on them in over 3 years.) Scott, maybe we can short skip between Alabama and Mississippi and get a few new catches. I did have one good DX session. It lasted 42 seconds. It seems WAPI-Birmingham had a power loss and KNX was clear as a bell. Since DX has been so-so, I've been working on a vintage Hallicrafter S-108. It took 6 months to get the schematic and 3 months to get the parts. The tubes will always outperform the diodes. If anyone has any ideas for getting DX to the south, I'm sure there are several of us in Alabama and Mississippi who could use them. Good DX to all and the best of Seasons Greetings from the Ryans in Alabama.

Mark Connelly-52 Amsden St.-Arlington, MA 02174
I've often wondered if anyone has established a "listeners' club", as opposed to a DX club. A listener's club would still cover DX, but to a more limited extent. Such an organization would delve into greater discussion of programming content, radio personalities, and variations in popular music from one area to another. This would include survey charts from several US, Canadian, British, and Australian stations. Exchanges between members would be encouraged: this would entail swapping of program tapes, DX tapes, car stickers, survey charts, newspaper radio sections, coverage maps, etc. The main thrust of the club would be the free exchange of ideas pertinent to the arts of radio programming and engineering. Through tape exchanges, DJ's and program directors in New York could be made aware of the work being done by their counterparts in San Francisco or London. Ratings charts for different cities might be a periodic feature. The listeners' club could be AM only or AM & FM; it would complement, not compete with, existing DX clubs. Through occasional DX articles, the club could introduce the concept of DXing to people involved in radio programming and station operation who would not be otherwise inclined to join a radio club. An attempt to act as a liaison between DX clubs and broadcast professionals would be made: this would not be a "gripe sheet" with witless poetry and chicken drivle about pests, AN/NSP stations, notorious non-verifiers, and other issues where DXers find themselves at odds with the goals of broadcasters and the needs of audiences being served. The club, however, should consider legitimate criticisms of poor technical quality of signals: excessive splatter, parasitics, drifting, poor audio, sloppy record and tape cueing, etc. Hopefully, the image of the DXer as a positive asset to broadcasters will be played up; improved verification policies may be a byproduct. Concerned DXers, listeners, and broadcast personnel would have a common forum to air their opinions; perhaps the listeners' club could even be of use to the FCC and other communications authorities. I'd be interested to know if such a club exists or if anyone is trying to start one. 73 for now, and Happy New Year, Mark.

Scott Anderson-28 Boyack Road-Clifton Park, NY 12065
Greetings from the land where the wx never sets and
the DX never rises (sorry)! (section cut per EP-jz)
I've noticed that IRCA seems to have a so-called
(VERY so-called) poetry (in quotes) contest going,
begun way back in issue #450 by a certain Michael
Sanborn (I have a contract out on him, hi), and
perpetuated in 451 and 452 by ECR and myself. The
original was a Haley (then misspelled) "joke" and
there've been a few of those since. If old Alex
reads DXM, expect a law suit. If anyone (yes, you
too, Mr. Haley) wishes a very specific format
and/or other information on any of the following
AM, FM, and TV stations: WGY, WCFM, WRCB, WROW,
WROW-FM, WTRY, WWSH, WWWW, WQBK AM & FM, WHAZ,
WABY, WOKO, WPTR, WFLY, WAST, WRMC, WRPI, WRUC,
WVCR-FM, WWOM-FM, WAST-TV, WTEB-TV, WMHT FM & TV,
WAMC, WGNA, WHRL or WHAZ. Hey, what was I saying?
Oh yeah, if you want info on any of above stations
(or all of 'em), send a SASE (big S) and some very
specific stuff shall be entrusted to the U.S.
Postal "Service". I refrain from putting it in
DXM because of over-specificity (?). P.S.
Envelope must be legal (long) size, unless you
only want 1 or 2 stations. 73s de SA and may Santa
blacken thy living room carpet. P.P.S. if RAM
cooperates, may be able to get info for Saratoga
Springs stations, too. Also, let me add this week's
edition of the IRCA from bad to verse contest:

The solo clear-channel R.I.,
Is very hard to try,
'Cause I can't hear LKW,
Under WTRY.

-Anon., please

....And again, 73 and a good 78 and happy Christmas
to all of ye.

Frank Colella-2184 E. 28th St.-Brooklyn, NY 11229
Just thought I'd write another Forum expressing the
great conditions here in Brooklyn NY. Stations like
WPAK-540 (with 500 watts), WEAT-850 (lkw), and WPEL-
920 (lkw) all coming in quite regular during evening
hours. This MM, 12/5, WHN-1050 was off and I heard
WNOE-1060....station called and reported. This is my
best catch (one of my best catches) to date. WDAK-540
is also a good catch here. DJ on the night shift was
just as happy as I was for my catch of WNOE. He said
that I was the furthest person to report reception
of WNOE. V/1 and sticker from Radio Jumbo-545 just
hit my mailbox yesterday (report was in FF). I want
to thank the IRCA members who wrote up our SS/FF/PP
report forms, as they really help me. I lost one of
my tapes that contained tape veries and I am now in
the process of trying to retape those stations. I
received my IRCA Achievement Award (verification of
20 states) a few weeks back and am trying to get a
verie on Newfoundland to send for verification of 6
provinces award. I also will try for 10 countries
award. I usually send reports to stations in a new
state, province, or country. I try to verify as many
states, provinces, and countries as possible. Totals
are 22 states, 5 provinces, and 3 countries. I don't
want to make this a long Forum, so let me end with
this last note. I hope that some EC DXers heard WDBX
and WGOP 1620, both pirate radio stations, because of
my last Forum. I haven't heard them lately. I'm still
waiting for a verie from WCPR-1620. Well, that about
ends it so "73s" for now, till we meet once again in
my next Forum.

Paul R. Mount-471 Emerson Ave.-Teaneck, NJ 07666-
(201) 836-1137

Hi there. First of all, let me say that you're all
invited to the get-together I'm hosting on January
15. Details should have appeared by now in DXM,
otherwise next week. If you need further directions,
call before 2330 EST...if I'm not home, whoever is
can surely give you directions. This is the third
annual at the Teaneck location. The first one had
a big attendance of 4 in 1975, to 14 in 1977, and
who knows this time. Hopefully no rain, nor snow
nor sleet, nor pursuit of news will keep you
away, hi. From past experience I can say the
camaraderie found in these events is worth the
trip. Hope to see you. I came home Friday, Nov.
18, and noted somewhat auroral conditions while
out in the car. Finally heard WQAM-560 Miami; had
looked before during auroras. The tip off for
auroral cx here is PJB way o/CKLW, and Spanish on
810, 820, and under WNYC-830. I also heard a
mysterious 14Q on 1440 (not WQOK) which turned
out to be WNCR with a new format. I called and
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spoke to Mike Warshaw, a sometimes DXer who uses
a Philco set, got started by listening to WABC
in Puerto Rico. They applied for WFTQ, as in
Fourteen Q. If you hear an "FM 99" jx on 1400
past midnight it may be WHMP, Northampton MA,
simulcasting their FM, (of course) with segued
rock (Drake-Chenault), midnight to six. Both
WNCR and WHMP offered to send me a letter, so I
gave them the address (sure, why not?), but
nothing has come as of 11/30. Radio Nederland
heard on 800k on PJB, is this a separate station
from Trans World Radio? Does it count as a
different station in the log? Or is it just a
program called Radio Nederland. Five more
stations added to the log 11/9 to 11/21; total
now at 466, 424 domestic from Teaneck. 73 till
next week.

SATURDAY **western!** Rick Heald
dx forum! 1581 - 20th Avenue
San Francisco, CA 94122
Ph: (415) MOnrose 5-4201

BILL HARMS-N. 2213 VISTA-SPOKANE, WA. 99206
+++++
This last week has brought 17 new stations, includ-
ing 12 from California. I now have 400 TSH. Last
Sunday (12/04) brought an extreme in conditions. I
couldn't receive anything but California and locals
w/a few others on groundwave. As a result: new
Californian stations including: KCEY 1390, KCHJ
1010, KBCO 1080, KNBA 1190 (I was expecting KEZY)
and KBLC 1270. Also last week while listening to
SBS I received KBMR 1130. My biggest surprise was
KQVR 1570 rcvd on JRS. As for my veries go, I re-
ceived plenty of them. KXRO 1320 (6 days), KRKO
1380, KIRO 710, CBX 740 (5 days), RELA 1470 (5 days)
WCAU 1210, KGA 850 (3 mos), CHAM 1320 (5 days), KAAT
1090 (4 days)-my record, CILQ 1150, KJOO 1140 new
state, KLIK 1310 (6 days), CKGF 1340 (8 days), KLUK
1140, CJME 1310, ARCO 690 (7 days). The one from
KLIK was a letter w/a lot of folders and a belt
buckle. He sent it to me because it was daytime re-
ception, 2PM PST. I have been concentrating on day-
time reception w/a lot of stations on a lot more
frequencies. The groundwave propagation has been
very strange, but rewarding. To change the subject.
I talked w/the CE at KGA, Jim Stargell. We took a
check of the spurs in Spokane and counted a total of
15 in the day and 5 at night. So it makes it a bit
difficult w/DXing on some frequencies. You see, here
in Spokane, 9 out of the 11 locals are within 1 mi
of each other. As a result they send off a lot of
spurs from each other. Jim told me that KGA's trans-
mitter has 9 filters to eliminate spurs. Enough of
that. 73 and till next time, good DX de WJH. (Bill,
I lived on N. Pine, Opportunity from '47-'53, is
that near the locals?-RTH).

NICK HALL-PATCH-3272 ALDER ST-VICTORIA, BC V8X 1P2
+++++
Hello again. I've just had a run-in w/Canada Customs
and will relate it briefly here for any who might
send tapes to people in Canada. Our illustrious
Editor-in-Chief sent me a 7" tape and two cassettes
so I could hear all the Asian pips that his Hammar-
lund has been hearing. The package was held up at
Customs and I was informed that they had valued it
at \$15 and I would have to pay about \$5 in duty and
taxes. Explaining that I was not importing the tapes,
just listening to them, made no difference, and
eventually the tapes ended up going back to DKK. I'm
sure that there is a way out of this impasse (fill
out form 319X etc.), but the local customs officers
have taken an oath to make life as difficult as possi-
ble for the citizenry and just kept grinning and
telling me to pay up. I've written a nasty letter to
them about it which may get some results and I'll
pass along any info I may get on sending tapes past
the "undefended" border. One thing I did worm out of
them was the info that they do not stop individual
cassettes as the low value is not worth their while
to tax. (Nick, yrs ago when I was sending tapes to
Canada, we had the USPO put a "declaration" on the
package to avoid what you went through, has the law
changed?-RTH). On a more pleasant topic, I spent the
weekend of Nov 26-27 out at Point No Point, a small
resort on the West coast of Vancouver Island about
50 km from Victoria. Brought along the TRF but did
not hear any TPs due to a minor geomagnetic storm at
the time, but it sure was nice to hear JX QRMing
local CFAK 1070 and to finally hear KGYM 1210 which
is totally obliterated by CKDA 1220 splat in Victor-

ia. A real surprise was to find KCVR QRMing semi-local CHUB 1570 at 1030 PST. AFBK was really booming in then as well. Might be a nice place for a TP-oriented (no pun intended) beverage. SAM, I'll bet your "CBC" station on 900 mentioned in CDXR in the Nov 26 issue is Barbados--the Caribbean Broadcasting Corp which is noted in FL-5 as CBC Radio. I wonder if they'd verie with the info you got? The accented EE you noticed would be more likely on Barbados than in NS. Well, I'm out of space--hope everybody has a Merry Christmas; if you find an HQ180 in your stocking, it probably means you have big feet, hi. 73.

WALT BREVILLE-9127 CORAL DR-ST. LOUIS-MO. 63123
++++++
Greetings after a five or six year absence. I just rejoined a few weeks ago. I'm single, in my 30s, have had the DXing urge for 20 plus years. I almost lost interest for good in the early 70s because of the AM/NSPer situation & various distractions & reasons, but lately have gradually been getting back to the dials. I work for the US Postal Service, and was tickled to see fellow letter carrier Dan Sys rejoin with me, we both first joined IRCA in 1967. I occasionally try my hand on shortwave and FM, am a member of NRC & ASWLC, and take to the CB airwaves as "Stargazer" on ch. 17. But the AM BCB is my first love. Have had quite a variety of receivers, my current pets are an HQ180A, SBR-1 and Realistic Long Range TRF portable, & pair of SM-2s. My biggest DX-ing aid is a place I got in the country 40air mi from here near Wright City, MO, which is 50 mi from the nearest fulltime AM stations. It's almost a "white area" there! It was great meeting various IRCAnS at the NRCs Lincoln, NE convention 3 months ago, especially Bill Nittler and Bill Block, whose reports I had been reading for 10 to 12 years before finally meeting them for the first time. My good friend Rich Eddie was the biggest influence in my rejoining. He's the closest IRCAn to me, 3 miles, & everytime I'd visit him to read DX Monitor, he'd have the current issues misplaced where he couldn't find them right away, so I've given up mooching off him. The Bulletin's looking good. I'm glad I rejoined. 73. (So are we Walt, and please don't be a stranger to WDXF. Forwarded from John Gondlo-Rth).

GARY LARSON-2806 N. LINCOLN-BURBANK, CA. 91504
++++++
Was just reading the EDXF from 12/03/77 and agree on Steve Apel's comment on relogging a stn w/a new call sign. Example here is KKTU, formerly KGFJ. They have the same XR & SX sites and format w/a new logo, but still operates w/an old flattop antenna in downtown L.A.. Several people I've talked to say they don't really think KKTU's format is all so great & different. I agree. Thanks to Ted Fleischaker for the current bunch of tapes. Always glad to hear different stations not in L.A. I really never thought that K-FarCe shared the XR w/KRE. Rth, that's at 601 Ashby, Berkeley. 73 for now. (KPRC made move in '67, KRE installed 450' tower for their FM & AM, and KPRC thot KRES tower would give them better coverage than sharing a short tower w/KABL at foot of Army St in C.F.-Rth).

GENE MARTIN-3303 E. EVANS AVE-DENVER, CO. 80210
++++++
A few weeks ago in a Forum report, I mentioned that I had always found N. Korea at 655 to be an essentially weak station, as heard in Denver, and never batting in the same league as the major Japanese powerhouses. Rick responded that my comment had surprised everybody around publishing headquarters, where they apparently hold that 655 delivers a good signal. Well it probably does on the WC. In that statement, I was attempting to inform East Coasters why they didn't hear N. Korea, and to suggest that after TP frequency changes next November many of the new split-frequencies will be found vastly more productive than 665 has been on the EC. I have no definite idea on how far East N. Korea 655 has been heard, but I don't remember ever seeing it reported to the East of Nebraska and Oklahoma. And if you think about it, this tends to bear out what I said about it. Just recall all the years when both WNBC and WSM had extensive SPs on MMs--absolutely nothing in the 655 are to interfere with reception of N. Korea back East, yet it never or rarely made it under these highly favourable conditions. As I see it, this testifies to an essentially weak signal, doesn't it? Here are a

few TPs which I have heard here with better volume than N. Korea: 310, 1YA, and the Japanese on 830 & 770, and, of course, the late VOA Okinawa 1178. Japan at 830 and 770 has delivered a tremendous signal into Denver on occasion, but never with the advantage of a clear channel, always having to over-ride something domestic, and I recall Glenn Hauser in Oklahoma picking out JOUB underneath KOB. (Foreign Log 4). Will make another prediction: Not only will the Japanese be heard on the Atlantic Coast with good volume, but they will be much less affected by auroral conditions than the stations of Northern Europe.

RICK HEALD-1581 20th AVE-SAN FRANCISCO, CA. 94122
Tele-Forum: (415) 665-4201 before 2200 PHT pdp.
++++++
Greetings! If it appears that the type changed in the middle of Gene Martin's Forum, you're very observant, hi. My typewriter, my faithful companion of the last 2 yrs died on me, and w/Christmas coming up, and my trip tomorrow to NYC, I haven't the slightest idea when it'll be fixed. Am typing this at publishing session at Kaskey's. Hey Don, how do you turn this thing on? Manual, you say? What's that?--hi. All of 3 faithful folks here, Kaskey, Segalas & Nebron, plus ye Ed. DX no-a-so good. A sweep of the dial the evening of 12/13 almost showed me up re my aurora theory. XEWA 540 was really puring it on, no trace of usually dominant CBK, but then I turned my loop and there was CBK, and other clears were far stronger than usual. WLW, WIS, WHAS & WWL far stronger than normal, and excellent s/off from KRNV 880. Then the following morning, good sigs from the "new" KP01 1040 and the usual good KIKI 830 signal, this all around 1000. Off to New York tomorrow morning (12/16) for the weekend, and Kathy Foxworth has al ready invited me to Sat nite dinner in Mineola, so a chance to see all of Foxy's new gear and a little DXing. My first trip back since I left that place 5 yrs ago. I see the Oakland A's have been sold to Denver, Oakland's gain, Denver's loss, hi. Actually, the Coliseum is suing Finley for \$35 million, hope Coliseum wins, not that I'm rooting for the A's, but that I hope Finley loses. See u all in 7. 73 de Rth..

DON KASKEY-386 GEARY ST.-SAN FRANCISCO, CA 94102
hq-hotline phone (415) 752- 8691
++++++
Happy Holidays to everyone. DX pretty poor here. Was up to 0300 PST today. No TPs at all, Hawaiians were very poor. LA's & CA's noted on most lower clears. However 2 newies logged this p.m. Been looking for KKAP since Matthew reported their ET on 11/28. On 12/13&14 checked but KP0L solid atop from noon tune in-on with someone faintly below. Today (12/20) I found KKAP atop at 1520 EST tune-in with numerous announcements & advs & clear "Radio KKAP, Aptos-Capitol" ID at 1530. KP0L QRM thru-out. Then at 1944 EST after practically giving up all hope of ever hearing them in comes a "Ending a program of Easy Listening music, this is Radio Station KDUN". There was probably more but my ensuing scream of "I GOT 'EM-repeated numerous times" not only drowned out their sign off but sent my wife two feet in the air and almost hastened our baby's arrival by two weeks. Needless to say KDUN has become my most wanted after dozens of fruitless tries. Strangely KELA was noted behind KNDE as early as 1545 EST & thru-out the p.m. Robert Wlen-GKWX was hrd here on 1/4/77 at noon PST & KPNW is usually in all day with a good sig during the winter. Gene Martin your Auroral essays were very interesting. As Rth noted, Auroral effects on the WC are not nearly as pronounced as in the east but they are noticeable. Central & Eastern clears are sometimes nearly gone but never WC clears. In Iceland in 1954-55 I noted these cx: Oct-West Coast NA-KFBK, KOMO, KGA etc. Nov-Dec: Midwest & EC & Late Dec + Jan: South America, especially Brazil & Argentina. Most IDed were from Iowa(10).... Inre NK-655, they often are the 1st TP in here & usually have a strong signal on WC, but I too feel JOUB-770 is the strongest with JOBB-830 & the GO on 1040 next in strength. Also Gene, I haven't heard Tonga for a few years but they used to have native mx & yes I'd like to hear the tape. Randy Tomer-YOuve solved the mystery asto why I can't locate KXES w/o KCVR since they ehanged calls to KXES. They aren't on. They used to be atop KCVR here, now just KCVR. Albert Lobel-could your mystery SS on 1010 be XEEB in Esperanza, Sonora? I've hrd them on at about that time. Is XEDX in Ensenada still on the air? Congratulations Robert Kramer on Maine. A prized catch. Out of space so will bring this to a halt. MERRY CHRISTMAS!!!!!!!

DX**Worldwide**
BRUCE PORTZER,
 Editor

 All times GMT/UTC
 Deadline Thursday

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

ATLANTIC DX ROUNDUP

- 548 ALGERIA, Oran, fair, battling high local noise level, possible AA talk here 2342 11/30. (Connolly, MA)
- 612 MOROCCO, Sebba-Aicun, good w/AA chants by woman 2336 11/28. Male AA moaning fair o/WIP, WOIR mulld 2346 11/30. (Connolly, MA)
- 683 SPAIN, Sevilla, fair w/SS rx 0500 12/1. (Connolly)
 +suspected 0059 11/28 w/soft piano mx, then several pips on hour (the last one longer and louder), followed by man in SS. Too weak for ID. (Feltman, PA)
- 719 PORTUGAL, Norte, fair w/PP folk group vocal 2348 11/30. Fair w/PP mx, talk 0510 12/1. (Connolly, MA)
- 746 UPPER VOLTA, Ouagadougou, fair w/man in FF 2235 11/28. Drum mx fair 2349 11/30. (Connolly, MA)
- 755 PORTUGAL, Lisboa, good w/piano mx 2236 11/28. (Connolly, MA)
 +Xlnt w/OM w/nx 2202 11/25. 719, 782 both xlnt at the time. (Eckman, PA)
- 764 SENEGAL, Dakar, loud, by far the best TA; man in AA 2352 11/30. To good peaks w/AA talk 2110 12/3. Good w/native African mx 0044 12/4. Good w/FF talk & steel drum band mx 2020 12/4. (Connolly, MA)
 +2302 w/FF speech by man, into what seemed like commentary to 2310 fade. Poor & low modulation, but definitely //4890 12/7. (McNeil, DC)
- 773 SPAIN, Caceres, o/heavy SAH w/talk, some WABC splash 2238 11/28. The AA stn tentatively noted on 773 was under Spain---Egypt, a possible new Moroccan, & the ship off Libya are all possibilities. (Connolly, MA)
- 782 PORTUGAL, Miramar, fair w/man & woman in PP thru WBBM slop 2239 11/28. Fair w/PP talk 2353 11/30. (Connolly)
- 818 MOROCCO, Rabat, good w/chanting by woman 2240 11/28. Male AA chanting & violins good 2354 11/30. (Connolly)
- 818 ANDORRA, La Vieja, good w/bouncy FF vocal o/rough SAH 0512 12/1. (Connolly, MA)
- 836 CANARY ISLANDS, Las Palmas, fair w/man in SS 2356 11/30; loop bearing about the same as that of Dakar-764. (Connolly, MA)
- 845 ITALY, Roma, xlnt 2135 11/25 w/OM in II. About the best low-end cx this season. (Eckman, PA)
- 890 t ALGERIA, Algiers, w/WLS mulld & WHMC off had strange jazz mx here 2206-2230 11/25. Low-end cx were xlnt. No positive ID as only talk was brief amnt between mx by OM (def not SS) but unable to ID lang. Would like to believe this was Algiers but will try again when cx are good. (Eckman, PA)
- 1016 WEST GERMANY, Mainz-Wolfsheim, to good peaks w/piano muzak 2245 11/28. (Connolly, MA)
- 1268 WEST GERMANY, Muenster, DLF, good, easily separable from 1265, w/GG talk 2331 12/2. Usually only audible here under "enhanced" or very quiet geomag cx. (Eckman)
- 1358 EAST GERMANY, Berlin, good w/OM in GG 0157 12/3. (Eckman)
- 1376 FRANCE, Lille, assumed w/YL 2252 12/2 apparently // 155L. Better than 1375. (Eckman, PA)
- 1394 ALBANIA, Lushnje, fading in 2102 11/26 w/carrier. Good on many evenings thereafter especially around 2300-2330 s/off. (Eckman, PA)
 +Good-xlnt w/Slavic talk by woman 2324 11/28. (Connolly)
- 1403 t GUINEA, Conakry, African vocal & drums 0334 12/3 w/very loud het. Again 0009 12/8 w/man talking in FF. (Feltman, PA)
 +Fair w/AA talk 0017 12/4. (Connolly, MA)
- 1457 ALBANIA, Durrës, potent w/YL (in FF?) 2233 12/2. Stronger than 1394 at the time. (Eckman, PA)
- 1466 MONACO, Monte Carlo, TWR, good w/religion pgm in southwest-US accented EE 2337 11/28. Fair-fadey w/talk; little else noted TA-wise on the high end 2337 11/30. (Connolly, MA)
 +Still remains the most reliable TA this season. Xlnt 2230 12/2 seemingly in AA w/religion pgm. (Eckman)
 +Fair-good 0507 w/GG rlgls talks. Only carriers, no audio on 1586, 1578, 1562, 1538, 1511, around 0500, & carrier badly hetting on 1349 at 0555. In all, a lousy TA night, while numerous 60 meter stns in central USSR were all good around 0500. Cx were quiet, right for TAs, but only this had audio 12/10. (McNeil, DC) (At least I hope all the stns you listed were in central USSR...bp)
- 1475 BENIN, Cotonou, assumed w/weird mx 2227 11/25. Alone on the freq. (Eckman, PA)

- 1525 ? UNIDS, at least 2 stns around 1525 2230 12/2 causing SAH(s). No audio from either but similar cx have brought Urinqi in before. (Eckman, PA)
- 1529 VATICAN, Vatican R., very strong 2258 12/2 seemingly w/ID in II. Light mx after 2300. Better than WCKY at the time. (Eckman, PA)
- 1538 WEST GERMANY, Mainflingen, DLF, good but fluttery sig 2230 12/2. Xlnt w/YL 0157 12/3. (Eckman, PA)
- 1546 ? UNID, fair carrier w/flutter around 2230 12/2. Reminds me of Winnitsa but I haven't heard that in nearly two years. (Eckman, PA)
- 1554 FRANCE, Nice, assumed w/OM seemingly in FF 2232 12/2. Easily separable from then weak Cayman-1555. (Eckman)
- 1554 ? UNID, definite carrier separable from Cayman 0201 12/3. Has Nice been signing on early? Nice here at 0500 w/xlnt sig. (Eckman, PA)
- 1562 SWITZERLAND, Sarnen, xlnt w/mx, talk 2231-2300+ 12/2. No problems from WQXR-1560. Unusual at SSS. (Eckman)
- 1573 ? UNID, looking for Africa at some of the recently reported high freq spots, found an E-W carrier snuggled up to XERF 0256-0350 12/4. Nothing on 1575. No audio ever appeared except the commercial-hysterical religion from Mexico. DFing was definitely eastern, although no African is on this freq so far as we know. (Martin)
- 1578 ? UNID, still looking for Africa, found an E-W carrier on this TA freq during same time as I was checking out the 1573 carrier (above). Again, hrd nothing but the carrier. (Martin, CO) (Interesting carriers Gene. In checking, I find that an E-W loop bearing points mostly at the Atlantic Ocean from where you are. Using a globe & string (a crude method at best) it looks like your loop was pointing at N. Carolina, Bermuda, Ascension Island, and S. Africa at the time (my chart shows Johannesburg is on a bearing of 85°). On the other hand, my HQ-180A has a "carrier" on 1580 +8 kHz, depending on how the vernier tuning is set, due to the way the rx is designed.... Hope it's the former you hrd & not the latter, hi. bp)
- 1586 WEST GERMANY, Langenberg, WDR, loud w/GG female vocal, then boogie jazz inst mx followed by uptempo Muzak 0720-0730 12/3. (Connolly, MA)

PAN-AM DX ROUNDUP

- 535 GRENADA, Mourn Rouge, good w/R. Grenada song list ("Pick of the Pops") read off; R. Grenada ID, then reggae mx 0038 12/4. (Connolly, MA)
- 540 DOMINICAN REPUBLIC, Santo Domingo, HIGH, good sig 0500 12/3 w/"A-R-C" ID, s/off w/anthem 0503. Easily separable from XEWA/WDAK w/loop. (Feltman, PA)
- 545 DOMINICA, Roseau, R. Jumbo, 0130-0145 12/3 weak w/US pops, tropical mx. (Tomer, CA)
 +loud w/reggae mx 0030 12/4. (Connolly, MA)
- 550 CUBA, Pinar del Rio, CMAN, good 0625 12/4. (Connolly)
- 555 ST. KITTS, Basseterre, R. ZIZ, fair-good w/BBC-style rx 2311 12/3. (Connolly, MA)
- 570 CUBA, Santa Clara, CMHI, noted //600 w/RR SS lang lessons by man & woman o/other stns 0040 12/6.
- 580 CUBA, Baracoa, CMKF, fair-good w/SS talk //600 0625 12/4. (Connolly, MA, last 2)
- 580 ? UNID, SS talk & LA mx. Fair sig. Could be XEAV (10 kw) or HJHG (50 kw) 12/5 0532. (Townshend, DC) (WKAQ in San Juan, PR, & CMKF also possible. bp)
- 595 DOMINICA, Roseau, R. Dominica, fair w/reggae 0130, TC as 9:31 by accented EE DJ trying to sound real cool, & into another similar cut 12/7. (McNeil, DC)
- 600 CUBA, San German, CMKF, fair-good o/other IAs w/SS talk //580 0625 12/4. (Connolly, MA)
- 610 TRINIDAD & TOBAGO, Port-of-Spain, a new one for me: dominant w/woman in accented EE, then brassy local ad 2313 12/3. Good w/editorial about improving transportation systems between Trinidad & Tobago, man w/Caribbean accent 0003 12/4. (Connolly, MA)
- 630 CUBA, Santa Clara, CMHG, liud w/march mx, SS talk 7/810; no trace of "local" WPRO 0627 12/4. (Connolly)
- 640 CUBA, La Habana, CMQ, dominant w/mx & talk //630 0627 12/4. (Connolly, MA)
- 640 VENEZUELA, Puerto la Cruz, YVQO, o/growl w/SS talk 2316 12/3. (Connolly, MA)
- 650 VENEZUELA, Maracay, YVIN, bombing in, alone on channel; fast SS talk, 2 male voices, ad w/telephone # "on Maracay", 2317 12/3. Ment of Maracay loud 0032 12/4. (Connolly, MA)
- 660 CUBA, Santa Clara, CMHG, surfaced w/R. Progreso ID o/a second IA which I had been monitoring for an ID that never came. Both IAs were annihilating WNBC at 0028 12/4. (Connolly, MA)
- 663.5 ? UNID, my long-standing IA mystery here has given me

some good evidence that it's in the northern part of SA, rather than in the area of Argentina & Chile. This is the one I first found in 9/76 & so weak & erratic it might be operating from 4 C-cells. And its mx is untypical of IA. Have been puzzling over it this season too & on MM 11/28 I found its carrier & faint audio at a time long after sunrise in lower SA. Checked the carrier off & on that morning as early as 0740. Found it delivering audio as late as 1015 but it had vanished on 1038 re-check. 1015 would be 7:15 a.m. in Argentina on a day which is the exact equivalent of May 28 in MA, so far as SR & SS are concerned. This would have been 90 mins or so after LSR in Buenos Aires, so the stn has to be in Northern SA, maybe a 250 watter in Ecuador. The fadeout time for stns in Argentina & Chile comes early in the period of the longest nights here & the shortest nights there. In Dec, I figure, 0900 is too late for Buenos Aires for that would be maybe one hr after SR. (Martin)

670 VENEZUELA, Caracas, IVLL, R. Rumbos, hrd very strong in WMAQ null 0912-0917 12/3. Hrd couple of chime notes on quarter hour. A index was 37. (Martin, CO)

+Equal in strength to CMKP 0312 w/several IDs, ads, & MoR Latin mx, good 12/5. (McNeil, DC)

+Potent (equalling adjacent WRKO's strength) - man in SS w/ads 0042 12/4. (Connolly, MA)

675 COSTA RICA, San José, T1JC, man gave "Sonora" ID in middle of ballad 0446 12/4. (Feltman, PA)

675 ? UNID, IA here in CST zone using a different ID from what's been reported before -- came across 5 or 6 times as R. Colo-rah 12/6, about 0740-0815. TC at 0804 was "dos cuatro minutos".. several ments of "capital" & "exitos" hrd. Horrid splash from famous WC splasher next door did not help a bit. Noted "Sonora" there in recent days, so it's not Costa Rica, & the ment of Capital in the ID would rule out R. Relej in Ecuador... something new? (Martin, CO)

691 ? UNID, het on the high side of XETRA when milled & BFO located it on 691 0946-0950 12/6. (Martin, CO)

700 COLOMBIA, Cali, HJCX, R. Sutatenza, 0335 11/29 poor-fair sig w/nx & R. Sutatenza ID. Many Colombian mx items & spot for "el banco de Bogota". (Hall-Patch, BC)

700 VENEZUELA, Maracaibo, YVWH, good w/fast SS talk, ad w/"Jingle Bells" inst in background, telephone #s in Maracaibo given 2320 12/3. (Connolly, MA)

705 ST. VINCENT, Kingstown, poor w/Caribbean mx 2321 12/3. (Connolly, MA)

+0106 w/EE DJ talking, pop song, more talk, then reggae tune. Fair sigs w/SAH on freq. Is in fairly regularly around this time, but never very good 12/4. (McNeil)

720 DOMINICAN REPUBLIC, Santiago, HIAQ, R. Norte, fair-poor u/CMGN 0320 w/CA song by YL, SS DJ w/11:23 TC, into song by man. lded by // on 2 rxes to 4787 SW 12/4. (McNeil, DC)

720 CUBA, Colón, CMGN, loud w/chimes, march mx, LV de Cuba ID 0628 12/4. (Connolly, MA)

720 VENEZUELA, Porlamar, YVOE, blasting in w/ID, SS talk 0043 12/4. (Connolly, MA)

725 COSTA RICA, San José, T1LX, R. Columbia, 0402 12/10 DJ w/echo amnts, ID, into upbeat song; fair at tunein peak. (McNeil, DC)

730 DOMINICAN REPUBLIC, Santo Domingo, HJZ, Emis. Nacional, good 2225 w/EE tourist amnt, DJ in SS w/TC & ID, into several cuts of songs by a sweet-sounding YL, w/TCs between songs. (McNeil, DC)

730 TRINIDAD & TOBAGO, Port-of-Spain, good o/the pack w/Caribbean EE male ancr doing a lottery w/a numbers wheel, prize of \$28000 mentioned; then ad for a "Miracle product from Bermuda" 2324 12/3. (Connolly, MA)

750 VENEZUELA, Caracas, YVKS, xint e/"She's Not There" by Santana, then SS talk w/R. Caracas ID 2326 12/3.

760.5 COLOMBIA, Barranquilla, HJAJ, good w/LA mx o/het 0529 12/4. (Connolly, MA, last 2)

+Hetting 760 12/5 0955, 1033, no ID hrd but several ments of Colombia. (Seaver, CA)

770 JAMAICA, Spur Tree, RJR, finally in w/poor-fair sig, mx & several ads for British Airways 0002 12/5. I've been after this for quite a while. Cuban usually here. (Baskind, MS)

775 COSTA RICA, San José, TIW, R. Uno, hrd w/good sig 0216 12/3, had US pops, R. Uno ID 0252. (Tomer, CA)

780 BRITISH VIRGIN ISLANDS, Roadtown, ZBVI, good w/jive ads w/spacy electronic noises 2214 12/3. (Connolly)

780 CUBA, Camagüey, CMJN, fair o/u WBBM w/LV de Cuba ID 0900 12/12. (Portzer, WA)

780 ? UNID, couple of R. Norte IDs hrd MM 11/28 1045-1052 w/WBBM milled, stn in lovely ranchero mx. Second IA showed up around 1101 putting a new rumble on the frequency. (Martin, CO)

800 NETHERLANDS ANTILLES, Bonaire, PJB, outrageously loud w/cl mx 2328 12/3. During this aurora PJB was the 2nd strongest stn on the whole dial, only local WOCB-1240 was stronger. (Connolly, MA)

+Strong w/rigs pgm discussing Xmas 0415 12/3. (Tomer)

825 PANAMA, Macaracas, H0R56, man hollered SS word for "Attention!" followed by "R. Peninsula" ID 1345 12/4. Was all Titania later on. (Feltman, PA)

831 ? UNID, setting up het w/WCCO 0435 12/8. Managed to extract bits of audio w/OM in SS & maybe a jingle but general noise & bits of hets from WCCO & Belize made it virtually unreadable. Soon disappeared for good. (Hall-Patch, BC)

834 BELIZE, R. Belize, good w/EE ID, bank ad, soft Caribbean mx 0046 12/4. (Connolly, MA)

+ "Finlandia" by Mormon Choir, EE talk by fem ancr. S/off w/Belize NA & 3SQ weak 12/5 0508. (Townshend)

+Noted in passing very strong 0141 w/Anacin & Dristan ads, then ad for "big jumbo sale" at store selling watches, another ad for cold relief medicine, then into rigs pgm. Also hrd at 89 level 1143 w/EE rigs pgm, 3 times better than WCCO! (McNeil, DC)

+Poor at 0813 12/8 w/"Little Drummer Boy" Xmas mx, ID at 0816. Not hrd at this time since. (Blxby, CA)

840 HAITI, Cap Haitien, HVEF, R. HVEH, presumed the FF speaking stn 0201 w/FF talks by man u/WHAS & CMH. Poor & only lasted a short while 12/3. (McNeil, DC)

840 MEXICO, Celaya, Gto., XEFG, in w/good sig 0130 12/3, had OM talking, then perfect "XEFG" ID by YL. (Tomer)

840 PANAMA, Panama, R. Libertad, 12/5 1104 w/ID by YL. (Seaver, CA)

850 MEXICO, Mexicali, BUN, XEZF, loud 0155 12/3 w/Ranchera mx, perfect full legal ID 0200. (Tomer, CA)

850 URUGUAY, Montevideo, CX16, R. Carve, 0309 12/5 I was listening for R. Clarin on 860 w/TRF but must have been tuned too low by mistake. The freq was a jumble of IA sigs, this one surfaced 0309 w/inst mx. At 0310 an OM gave s/off amnt consisting of AM & SW freqs, amnts of Montevideo, & about 5 R. Carve IDs. He said something about 4:00 am the next day, I suppose the s/on time, followed by a "muy buenos noches..." & carrier off 0313, contrary to WRTM. Was taping, but bad het only shows up about 1/2 of the s/off. First DSA. Very surprised w/this one. May have been a bit off freq as sig was mixing w/usual 860 trash & produced a het. (Baskind, MS) (?! bp)

860 DOMINICAN REPUBLIC, Santo Domingo, H1LR, likely the strong stn here w/LA mx, brassy styl-; at 0631 12/4. (Connolly, MA)

870.2 ? UNID, 0356 12/7 IA here putting het on WWL. Fair audio for a few moments w/brief choral rendition of "Silent Night", then OM in SS. Hrd ment of "R. ??" but too much CJVI splash & general crud to get anything definite. (Hall-Patch, BC)

880 CUBA, Pinar del Rio, CMAF, LA mx weak w/WCBS 12/4 0553. (Townshend, DC)

880 GUATEMALA, Guatemala, TGJ, R. Nuevo Mundo, here 12/5 TC19 w/ID, TC. This used to s/on 1100, now on around 1000 in clear until KRVN OC on before 1100. (Seaver)

885 MONTSERAT, Plymouth, ZJB, fair 0058 w/British accented DJ yakking away, & into oldies pgm w/the DJ after every song. Het on the freq also 12/4. (McNeil, DC)

890 DOMINICAN REPUBLIC, Sto Domingo, HIPJ, R. Continental, in 0133 12/3 w/no sign of WLS, w/calm CA mx, DJ w/TC, Continental ID, more MoR CA songs, "y la hora en Continental son las 9:36" TC & ID. Strong, (McNeil)

895 HAITI, unid, in every evening, usually good on peaks after 0100, playing typical Haitian FF IA-style mx familar from R. Citadelle 6156 SW, horribly accented FF DJ shouting in middle of tunes every other minute; once at 0206 had cuckoos, & thought R. Nouveau Monde ID, but not totally sure. (McNeil, DC) (It's 4VRMN, ex-910 kHz. bp)

900 BARBADOS, Bridgetown, very good & totally dominant "12 days of Xmas" song, then ancr in British EE, followed by ad for Harrison's clothing store. After this a Harry Belafonte Xmas song 2335 12/3. (Connolly)

900 MEXICO, México, DF, XEW, cl mx, talk by female ancr u/CHME 12/4 0602. (Townshend, DC)

940 MEXICO, México, XEQ, "La Golondrina" by female chorus; SS talk by male ancr; s/off 0612 after another choral song. Hrd after CBM s/off several mins earlier. Fair sig 12/4 0608-0612. (Townshend, DC)

944 ? UNID, carrier noted here 0535 12/7, no audio tho, just domestic splash. Seemed to loop to CA so maybe Honduras varying a bit? Not TVI--too clean & faded up & down. At one point a carrier appeared on 945 as well. Lotsa fun. (Hall-Patch, BC)

990 ? UNID, IA MoR loud; male SS vocal & horns, talk w/ments of Madrugada, TC given 0236, 0636 12/4. (Connolly)

995 ? UNID, 0531 12/7 carrier w/a tiny bit of audio--slow mx but too much KOMO splash for anything worthwhile. Ecuador?? (Hall-Patch, BC)

997 v MEXICO, Cd. Cuauhtemoc, Chih., XEER, is the Mexican drifter noted here 12/9 0330-0401 s/off w/good audio at times but very mushy otherwise. Some "R. Formula" IDs & OM talking very somberly, ending w/"Feliz Navidad". At 0401, call, location, 990 kHz, & off. This stn has wandered off 990 before. (Seaver, CA)

1007 MEXICO, Nueva Casas Grandes, Chih., XEYX, is the drifter off 1010. Hrd initially 11/20 evening. On 12/5 0226-0318 w/ varied mx (jazz, SS vocals, US rock, etc) pgm & several ments of Nuevas Casas Grandes but no call IDs hrd. Good sig at times, but the ancr sounded like he was 5' from the microphone. Gone after 0330. (Seaver, CA)

1020 VENEZUELA, La Asuncion, YVRS, good w/SS talk, Margarita ID, 2341 12/3. (Connolly, MA)

1025 t COSTA RICA, San Jose, R. Fides, in w/fair sig on peak 0105 w/rigs talks by OM in SS; hrd several times since w/same rigs type pgmring, so presume it's this but no ID. (McNeil, DC)

1030 a CUBA, Finar del Rio, R. Guama, relay here 12/5 11h8. Fair in XEQR null, not producing any het & seemed pretty well glued to freq. Many IDs, usual Cuban mx/nx. (Baskind, MS)

1035 v MEXICO, unid, 12/7 0324-0358 s/off, very mushy audio Call sounded like XEON: 3rd letter could be B,C,D, G,K,D,S,T,V, fourth could be N or M. XECC-960 was here a year or so ago. For some reason these screwed up Mexicans are usually small stns in the interior of Chihuahua. (Seaver, CA)

1040 ? UNID SS 11/22 0533 w/WHO mull'd, ment of Guatemala, then Marimba mx 1 kw TG listed. (Seaver, CA)

1040 COLOMBIA, Bogota, HJGJ, weak but steady 0700-0710 12/4 w/WHO off. "R. Super" IDs followed by "Super" hollered 3 times in succession. (Feltman, PA)

1040 COLOMBIA, Bogota, HJGJ, weak but steady 0700-0710 12/4 w/WHO off. "R. Super" IDs followed by "Super" hollered 3 times in succession. (Feltman, PA)

1045 t PANAMA, Las Tablas, HJGJ, Ondas del Canalagua, presumed the SS spkr here 0350 w/talks by man, up tempo mx, sounding rather Colombian; actually fair at time in but down in the bud by 0357 12/10. (McNeil, DC)

1050 DOMINICAN REPUBLIC, HICB, IV de la Hispania, 0100 12/3 DJ w/amnts in SS, TC as 9 de la noche, ID feliz navidad y prospero ano nuevo, ad, more talk by DJ, into upbeat songs by Raphael somebody. Good-fair, some QRM de XEG w/EE rpgs pgms. (McNeil, DC)

1055 t COLOMBIA, El Espinal, HJFZ, IV del Centro, maybe the one here 0340 w/SS talks by man, subdued LA songs; fair during the songs, but way down in the mush by the time the DJ started talking. (McNeil, DC)

1059 CUBA, Baracoa, CMKG, atop weak 1060 het; SS mx 2344 12/3. (Connolly, MA)

1075 COSTA RICA, San José, TIPC, Faro del Caribe, good w/EE rpgs pgm 0328, best in a while, 12/7. (McNeil, DC)

1085 HONDURAS, HROD, R. Aeropuerto, 0436 12/10 w/JS pop songs, including an old Bread hit, SS DJ w/short talks; presumed from format; weak & QRM de semi-local WBAL-1090. (McNeil, DC)

1090 MEXICO, Rosarito, BC, XEPRS, 11/28 0815 saying they broadcast w/50 million watts. Sounds like it the way they come in here. They also said they have 36 million listeners in 15 states & provs. And the San Francisco group thinks they have it bad w/KNBR & KCBS! (Lobel, CA) (Nice catch. bp)

1100 ANTIGUA, St. Johns, ZEK, good w/steel band rendition of "O Holy Night" Xmas carol 2354 12/3. (Connolly)

1110 ? UNID, LA noted here 0440-0455 12/6 poor-good w/YL & OM talking & a bit of nondescript inst mx. No apparent IDs & faded down by the hr. Bad splatter peaks from CFAX-1070 didn't help. Looped CA. Maybe XFRON? (Call is now XERED. bp) Little domestic QRM. (Hall-Patch, BC)

1125 COSTA RICA, R. Relej, strong 12/9 0125 w/SS speech by man 7/4832, 6006 on separate rxes. Another night hrd again around this time but not //4832. Listed 1120 WRTH but here in FI-4. (McNeil, DC)

1165 ANTIGUA, St. Johns, ORL, loud w/EE dramatic presentation, US accents, 2356 12/3. (Connolly, MA)

1180 CUBA, R. Relej outlet fair w/man & woman in SS, TCS & tones every minute 0638 12/4. (Connolly, MA)

1180 t GUATEMALA, Guatemala, TGT, R. Sonora, 0451 12/7 KOPI was very poor at this time so I idly swung the loop S, hrd OM in SS then (almost certain) "R. Sonora" sung slowly & sonorously (hi) by vocal group. Faded quickly tho & didn't return in 5 mins of continued listening. This is listed for 1180 in WRTH, but in past FIs it has been hrd on 1187, so I can only count it as a tentative as no ments of Guatemala were hrd. Anybody know if this is on freq. now? (Hall-Patch, BC)

1197 v? UNID, often hrd in evening 0200+, LA pops postly, SS DJ talks; on 12/10 caught tail-end of s/off amnt 0327, into MA to 0331. Also noted 1135 w/ripply LA tunes. Probably the Hondurac. (McNeil, DC)

1205 CAYMAN ISLANDS, Georgetown, R. Cayman, most likely source of strong carrier, some inst mx hrd 0359 12/3; again w/mx 0404. (Tomer, CA)

1210 GUATEMALA, Guatemala, R. Rumbos, regular here after KGYN 0504 s/off. On 12/7 noted 0455 w/KGYN mull'd & logged to 0533 w/many IDs. 2nd SS occasionally there but unreadable. (Seaver, CA)

1210 t VENEZUELA, loud SS stn w/frequent ments of Venezuela totally dominated, no trace of WCAI 0008 12/4. (Only)

1213.5 ? UNID, LA is here, first noted 11/28 1031 -- found again 12/4 0409. Pretty weak but def SS. (Martin, CO)

1265 ST. KITTS, Basseterre, R. Paradise, good w/rigs mx 0011 12/4. (Connolly, MA)

+Probably the strong carrier looping Caribbean 0402 12/3. (Tomer, CA)

+0105 & most of evening 12/5. Gospel pgmring, fair sig. First time noted. (Baskind, MS)

1270 CUBA, Camagney, CMJG, R. Relej, 0231 12/5 w/poor-fair sig. (Baskind, MS)

1290 ? UNID, SS talk, possibly a ballgame, no IDs, rolling in atop aurora-enfeebled domestics 0045 12/4. (Connolly)

PACIFIC DX ROUNDUP

584 RSPSR, Svobodnyy, FS in fair 1212 12/8 w/3C. (Tomer)

760 ?? UNID, jazz mx looping DU 1120 12/5; possibly //860; may have been IYA. (Tomer, CA)

844 GILBERT ISLANDS, Tarawa, VSZL, strong w/native chant 0615 10/6, then YL in accented EE; loud het against WFAA. (Tomer, CA)

+Fair 0742 12/5 w/YL lang talk, many ments of Tarawa, interspersed w/choral singing, 0838 an EE version of the Beatles' "Rock & Roll Mx" was hrd. (Bixby, CA)

849 NORTH KOREA, Pyongyang, noted 12/5 1018 hetting TGX-850. (Seaver, CA)

850 HAWAII, Hilo, KHLO, poor-fair in mess 0745 12/5 w/JJ pop mx, 0800 JJ YL w/what assua were s/off amnts, into mx & at 0802 there was a "KHLO Hilo" jingle ID. Carrier off 0802:30. New here. (Bixby, CA)

869 NORTH KOREA, noted here 12/5 1103 hetting WWL. (Seaver)

870 HAWAII, Honolulu, KAIM, fair-good w/ID & Xmas mx 0550 12/6. No sign at all of WWL. (Hall-Patch, BC)

891 FIJI, Lautoka, 12/5 xln't at times 1038-1102 (but not across 1100 of course!) w/Hindi-type mx & talk. This is very difficult to separate from WLS since they are 180° apart on the loop. Anyone know s/off time? (Seaver)

1010 ? UNID, 1000 12/5 w/mx-box IS, uncomprehensible ID by YL, then unusual sounding time pips, possibly 2 sets mixing: (_ _ _). Pips were of long duration like China's but only 4 were hrd, the 3rd & 4th being superimposed. Possibly JONR & China mixing. (Tomer, CA)

1025 ? UNID, weak carrier looping TP noted 1020 12/5; a Si-berian is listed. (Tomer, CA)

1040 HAWAII, Honolulu, KPQI, finally hrd w/fair level 1432 12/7 w/r/r mx, no ID hrd by 1443 fadeout. (Bixby, CA)

-First noted 0812 12/5 poor w/jazzy rock but too much CFAX-1070 splat. Returned 0824 for HST TC, ment of Hawaii, then mx. Sig good & clear at this time. After 3 mins of mx a nice K-POI 100 ID. (Hall-Patch)

1270 JAPAN, Fukuoka, JOFR, most likely the stn w/JJ talk & JJ McTr songs 0905-0925 12/5. (Tomer, CA)

1310 HAWAII, Kahului, KNUI, lousy in mud 0825 12/5 w/end "American Pie", TC, ID. (Bixby, CA)

1310 JAPAN, Osaka, JOUF, likely source of rapid-fire JJ talk 0834 12/5; weak. (Tomer, CA)

DOMESTIC WHATEVER ROUNDUP

665,695 CA, San Francisco, KNBR, 0405 12/6 peculiar spurs varying in strength along w/modulation of KNBR. Effect really marked w/BFO on, but very muffled audio could be hrd w/BFO off. (Hall-Patch, BC)

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DX-160

SOUTH CAROLINA (D) - WESC-660 signs on with 500 watts at New York City sunrise, then increases to 5kw at Greenville sunrise and has made it to the West Coast then. WSPA-950 has been heard in Seattle MM around 0500-0600 (during the XEGM weekly SP) if KJR is also off (KIMN is supposedly also off at that hour MM).

SOUTH DAKOTA (M) - Used to be a difficult state, but now that KRKO is off till 0800 MM's, KOTA-1380 usually dominates at 0700 MM s/on. Country-music KCAA-1560 took the air in late 1974 and was widely heard AN-6 after KPMC s/off. However, KCAA is now AN only on Sat. & Sun. mornings, with a Mon.-thru-Fri. s/on of 0600. Also try for KSOO-1140 MM's after 0600 s/on with KGEM & KRAK off till 0700 and CKXL nulled. KSOO gives lots of weather reports, as does WRVA which might be coming in around the same time. However, KSOO will use Central time checks, and winters are colder in the Dakotas than in Virginia. It's possible that KSOO will be tougher once KLUC goes fulltime.

TENNESSEE (M) - WSM-650.

TEXAS (E) - - WOAI-1200 and WBAP-820. Also, KRLD-1080 with KWJJ nulled or off. Easy, Nitecaps - KSL-1160.

UTAH (E) - -

VERMONT (D) - It's too bad Vermont broke away from New York in 1791 to become our 14th state. New York has WHAM, WCBS, WAEC..... Vermont has only 18 total AM stations, none of which has more than 5kw! Again, a possibility exists for Vermont on 1380 MM's now that KRKO is off MM 0300-0800. Maybe WSYB-1380 will come in after 0600 s/on, or maybe someone could schedule another WSYB DX test like the one KRKO blocked out years ago. Another possibility for a test would be the other Rutland station, WHWB-1000. The test should be on a MM after 0300, and the person arranging the test should write to KOMO Seattle first to find out which weeks they will be off MM. (KOMO must leave their carrier on AN MM alternate weeks for EBS purposes.) Even with KOMO off completely, WHWB's 1kw might not penetrate the static enough, but it's worth a try.

VIRGINIA (D) - Difficult, but WRVA-1140 is sometimes heard on fall-and-winter MM's after KRAK's 0230 s/off with KGEM also off and CKXL nulled. KLUC has a CP to go fulltime and might go NSP, so the sooner you try for WRVA, the better. WRVA gives lots of weather forecasts, especially after 0500, and is now AN MM. Beware of KSOO after its 0600 s/on with Dakotas weather forecasts.

WASHINGTON (E) - Take your pick. The 50kw's are KOMO-1000, KIRO-710, and KGA-1510. 50kw KING-1090 is loud but has NSP XEPRS on the channel, and CHEC NSP to the north.

WEST VIRGINIA (D) - WHIS-1440 is sometimes heard with its r/c the first Sat. morning of each month, 0530-0545 w/TT. The 50kw station, WVVA-1170, has not been heard lately in the region because of NSP's KLOK/KVOO/CKGY (KPUG is off MM). Perhaps a DX test could be arranged from little WPDJ-750, but WSB is now NSP and loops in the same general direction.

WISCONSIN (D) - WIBA-1310 has been heard at MM 0600 s/on. WGEE-1360 is possible at MM 0545 s/on. WNPL-1440 is AN and might make it through the CFCEP OC. Forget about WISN-1130, highly directional northward to protect CKWX, and WTMJ-620, normally blocked by KGW & CKCK.

WYOMING (E) - KTWO-1030.

PROVINGES:

ALBERTA (E) - The two CBC powerhouses get out best till 0300 nightly; CBR-1010 beams mostly southward, while CBX-740 beams mostly northward (null KCBS). CFCEP-1060 (with or without KPAY on), CFAC-960 (with KABL/KALE), CFRN-1260 (with KYA/KMCM), and GJCA-930 (with KSEI/KAGI/KHJ) are other powerhouses, all NSP. Plus a number of smaller stations.

BRITISH COLUMBIA (E) - Take your pick, but CKWX-1130 (NSP country) and CBU-690 (till 0400 nightly) have the least interference in the direction of the U.S. B.C. has dozens of NSP's, hi.

MANITOBA (E) - CBW-990 till 0200 or 0300 nightly.

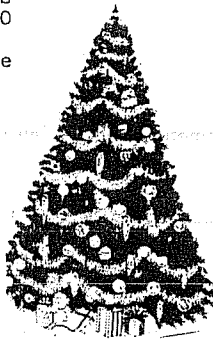
NEW BRUNSWICK (D) - Everybody seems to want this one, but no one in the region seems to have heard it yet. Try for CBA-1070 the first MM of each month when KNX is off (CFAX will still be on), after CBA's 0500 s/on. Also, there is a new AN station, CIHI-1260, that might make it through strong QRM from CFRN/KYA.

NEWFOUNDLAND (D) - Is "Not-found-land" out here. CBT-540 & CBNM-740 s/on weekdays at 0430 (Newfoundland Time is ELT + 1 1/2 hours); 540 is clear daily and 740 is clear MM's, but so far no one has heard either. There is a new 10kw fulltimer, CBGY-750, going on the air, but it may have to send most of its signal towards Greenland, hi.

NORTHWEST TERRITORIES (D) - Who???? N.W.T. has only four stations using 250 watts or more, all extremely difficult because of distance, low power, frequent auroras, and mountainous terrain up there. Few are ever heard. All are CBC outlets, not AN, not always parallel. CFFB-1210 is on the clearest channel (KGYN is off at 0000 nightly), but is only 250 watts nondirectional (the other three are 1kw fulltime nondirectional) and is much further east than the other three. CHAK-860 has QRM from similar-sounding CBC outlets CFPR Prince Rupert, BC, and some 20 LPRT's relaying CBU-690 Vancouver, so you'd better hear a positive ID before claiming CHAK! There's also QRM most nights from KTRB & XEMO. CFCT-600, like CHAK, is on the North Slope near the Arctic Ocean, and has much NSP QRM including CJOR. The closest N.W.T. station, CFYK-1340 Yellowknife, is on a graveyard channel and is difficult to hear in Edmonton just 600 miles south, even with a full 1kw at night. S/on and s/off times are largely unknown for these N.W.T. stations, mainly because no DXer can hear them regularly down here. Any of these is a prize catch, so good luck.

NOVA SCOTIA (D) - Another province everyone wants. Speculation leans towards CBH-860 after 0500 s/on (CJBC is off till 0600 daily), especially MM when KTRB and XEMO are sometimes off; and CBI-1140, which has been heard in Alberta, possibly at Nova Scotia sunrise after 0445 s/on, on MM even with QRM from CKXL/KSOO/WRVA, so it might be feasible here before KLUC goes fulltime.

ONTARIO (M) - CBL-740 is sometimes heard MM after 0500 s/on, with KCBS off or testing and CBX off till 0730. CKFH-1430 has been heard with good cx to the east (see New York) mixing with KARM, WIL, & WIRE (note that all three plus CKFH play country music!). Others heard from time to time include CJBC-860 in French after 0600 weekdays with KTRB/XEMO nulled (beware of French CFNS Saskatoon after 0730); CFRB-1010 at Toronto sunrise pattern change whenever that's before CBR's 0730 weekday s/on; and CHUM-1050 NSP thru CFGP/XEG.



PRINCE EDWARD ISLAND (D) - No one has heard it yet in this area. However, NSP CHTN-1190 is possible Sunday mornings at Charlottetown sunrise when they go nondirectional with 10kw, if that's between 0500 and 0800 Sunday when KEX is off. Another NSP'er, CFCY-630, is normally blocked by other NSP'ers such as KHOW, CHED, & CKOV.

QUEBEC (D) - CBM-940 is occasionally heard after its MM 0600 s/on if KFRE is off (CJIB is NSP). CBF-690 is heard occasionally after its daily 0600 s/on till Montreal sunrise or CFRG's 0730 weekday s/on in French, whichever occurs first, if you can null XETRA. Note, however, that CBF is in French - CBM is in English. Another French station, CBJ-1580, is on a fairly-open channel, and might become the best bet for Quebec once they increase their power to 50kw.

SASKATCHEWAN (E) - CBK-540 nightly till 0305.
YUKON TERRITORY (D) - If N.W.T. was difficult, this is even worse. There are only two outlets bigger than LPRT's, both in White Horse (on the Alaska Highway): CKRW-610 (AN-6, MM s/off 0400), and CBC-owned CFWH-570 (nightly s/off 0505), each lkw nondirectional. CKRW has been heard in Seattle rarely, with KONA/CHNL/CJAT all off MM after 0305 and with KFRC nulled. It sounds like CHNL has gone NSP, though. For CFWH, check 570 after 0300 in case KVI has a rare SP.

And there you are. Special thanks to Bruce Portzer, Phil Bytheway, Jef Jaisun, Erland Carlson, Nick Hall-Patch, John Oldfield, Bill Block, Paul Wardell, Frank Aden, Pat Martin, Brad Eaton, Dave Williams, and Nancy Hardy for their help with this article.

Information and station schedules are current as of November, 1977, and are subject to change.
--Bill Hardy, 2301 Pacific Ave., Aberdeen, WA, 98520
(NOTE: If anyone has corrections or additions to the above, or other comments, please send them to me at the above address. If needed, we will run an "updater" to this article at a later time. --BH.)

CURRENT "HERB JEPKO NITECAP SHOW" STATION LIST
This list was sent to Bill Hardy directly, courtesy of Marie Springer, Managing Editor of the "Wick" magazine, on 12/12/77. (Times ELT)

580	WIBW	KS, Topeka	0100-0530	Mon-Sat
740	KTRH	TX, Houston	0100-0500	Tues-Sat
790	WSGW	MI, Saginaw	0000-0530	Tues-Sat
920	WGNU	IL, Granite City	0700-0900	Mon-Fri
(WGNU is a daytimer using psa after 6am CLT)				
970	WFLA	FL, Tampa	0000-0500	Mon-Sat
1090	WBAL	MD, Baltimore	0000-0500	Tues-Sat
1160	KSL	UT, Salt Lake City	0200-0700	Mon-Sat
1310	WRR	TX, Dallas	0100-0630	Mon-Fri, +
			0100-0700	Sat
1340	KRBA	TX, Lufkin	0100-0600	Tues-Sat
	KTEO	TX, San Angelo	0000-0600	Mon-Sat
1400	KTNT	WA, Tacoma	0100-0800	Mon-Sat
1450	WXVW	IN, Jeffersonville	0000-0600	Mon-Sat
1480	KBEA	KS, Mission	0100-0600	Mon, +
			0000-0600	Tues-Sat

Also on the network: An FM in Detroit, MI, Tues-Sat.
Note: On his 12/8 program, Herb mentioned that he is now up to 14 stations, which is one more than in this list. He said there were four stations in Texas now.

Future additions or changes to this list will be noted in DXM, possibly in Bruce Golden's "Radio Programming Notes" section. --BH.

Dec. 31. 9pm to midnight. LADS holiday season GTG.
Host: Pat Hartlage, 9200 Wendell Way, Jeffersonton, KY, and other Louisville Area DXers. Cost is \$1.00.
To get there take the I-64 exit at Hurstborne Lane South, then go one mile to Taylorsville Road, hang a left at the T-intersection. Proceed to the second street on the right which is Gleeson Lane, then follow the road a short distance to Wendall Way. Pat's house is on the corner. The location is about 16 miles east of downtown Louisville. If you get lost call (502) 491-1789.

STATION POWER/ PATTERN CHANGES AT LOCAL SUNRISE

This is a listening trick that I guess many DX'ers are aware of, but I've not seen anything on it since I joined IRCA nearly three years ago. Consequently, I had to work out many of the details for myself.

Many domestic full-time stations use a lower power at night to avoid interfering with other stations on the same channel. Such a station returns to full power at its local sunrise, but for a short while there is a chance to receive that station to the west (where it is still dark) with improved signal strength. That improved strength might push the station over the noise level or co-channel QRM and into your logbook. This situation is enhanced by the fact that stations actually increase power at a standard time throughout a given month---the time of sunrise at the transmitter on the 15th of that month. This, I believe, is to the nearest quarter hour. So the latter parts of July through November actually find the station raising power while it is still dark at the transmitter. The same situation applies before the 15th of January through May. The best example of this technique that I have used is unfortunately no longer possible due to KGO going NSP a while ago. WSJC-810 in Magee, MS uses only 500 watts at night and would be nearly impossible to receive here even with KGO off. But at local sunrise it boosts to 50,000 watts which should be quite audible here. In May 1976, I looked up local sunrise at Magee on the 15th, then listened at that time on May 2nd. Sure enough, suddenly out of the crud came a WSJC ID. It stayed in for about 10 minutes though QRM'd by KCMO which boosted power at the same time.

But how do you find the time of sunrise? Here's the plug: At IRCA Goodie Factory, P.O. Box 17088, Seattle, WA 98107 reside the IRCA Sunrise-Sunset maps, compiled by Father Jack Pejza. For \$1.50 you can find out sunrise and sunset times on the 15th of each month for anywhere in the U.S. and southern Canada. There are also maps for the world included but it's a lot harder to find exact sunrise for Magee, MS on those.

Logging distant daytimers is also possible when you know the sunrise time. Many daytimers can sign on at 6AM using a reduced power until local sunrise (pre-sunrise authority) but there might be a better chance of logging the station on its full power at sunrise than at a psa power of only a few watts. This technique is also useful in logging stations that use a directional pattern at night, but switch to non-directional (or more favourable) pattern during the day. They switch patterns at the same as another station would raise power. The best example for me is WOWO-1190, which on night pattern protects KEX in Portland. In spite of its 50,000 watts it is usually inaudible in the Pacific Northwest even with KEX off. But if you can catch it when it changes to its daytime non-directional pattern it can really boom in depending on conditions.

By planning ahead, you sometimes can get excellent DX, even on regional channels, by using local sunrise times. The method is most applicable by those of us in the western areas of North America, as we can hear potentially a great many stations as they raise power and change pattern at their local sunrise. Provided of course, that conditions are good and that there are still a few channels left without western NSP'ers!

--de Nick Hall-Patch

HOLIDAY GET-TO-GETHERS

Dec. 25-Jan. 1--CADX Holiday GTG. 3406 West Pierce, Chicago, IL 60651. Host: Robert Kramer.
--Excitement, music, live entertainment, see the sun rise, thrills, spills, adventure. All this and more at the all NEW CADX Holiday GTG. Since 1970 this annual event has been satisfying the adventure seeking residents of the Chicago area. Now you too can join the dashing and daring few that have had the urge to add gusto to their lives. You can be a part of the 8th annual GTG being held from 9PM Sun. Dec. 25, 1977 to ??? Sun. Jan. 1, 1978. Sat. Dec. 31-Sun. Jan 1 will be CADX's world renowned DXathon & New Year's Eve party. Just drop by to 3406 W. Pierce in Chicago any of the above times. Bring any DX related material you please including receivers, QMs, SCs, etc. For more info call 312-235-5188 after Dec. 16.

Dec. 31-Jan. 2...Beverage Antenna Party & DXpdition. Location on the Washington Coast: Hosts are: Bill & Nancy Hardy. Beverage antenna over 1000' long near the ocean. A warm fire, refreshments & interesting DX await everyone. If you haven't written Bill as yet and want to come please telephone him at (206) 532-6927. Bill & Nancy are expecting a nice turn-out.

Active Counties of Indiana and the Stations Located Within

DXing Indiana Counties

DXing, whether MW or SWBC, is an excellent mode of learning geography. In my highschool years, my interest in MW DX brought me to study Central and South American geography, especially political geography. As a result, I was conversant with geography of that area to a greater extent than the average highschool student, or even the average adult citizen (who then, as now, was primarily interested in the television). Of course, domestic DX acquainted me with the geography of the U.S. and Canada, such that presented with an outline map of the U.S. states and Canadian provinces, I could be 95% certain of applying the correct names to them (Political capitals would be another matter, hi).

Returning from overseas and a paradise of MW DX, I was hard put to have any use for the polluted and jammed MW BC channels of North America. Returning to a love for the hometown and the state of which I am a resident, I saw the pleasure of visiting places around Indiana while remaining in the comfort (squallor?) of my DX den. DXing Indiana Counties was the result.

Some advocate a DX of geometric progression (see Territory-Geometrical ECB DXing, by Dave Fischer, IRCA reprint G10). This being a systematic and logical method of DXing, I reject it. I'm a DXer, and anyone knows that someone who arises at 0200 to listen to static and heterodynes on a funny-looking radio, is not rational. Therefore, I feel need to minimize any rationality in my DX, hi.

Seriously, DXing states and provinces approaches the type of DX that Dave advocates, but relates it to political, man-made attributes of a country (which, to some extent, relate to geophysical attributes, such as mountain, rivers, lakes, and oceans). The logical extension, DXing countries, is popular. Since DXing recognizes geopolitical attributes, county DXing is a logical extension of this. The hams practice it, so why don't we?

It shouldn't take much thought to recognize that there is plenty of challenge in county DXing. In my case, some Indiana counties are more difficult than Hawaii and Alaska, due primarily to unfavorable directional antenna radiation patterns, and cochannel interference.

County DXing involves an element of daytime DX, and understanding its variability. Without explaining, back on 3 January 1976, I finally was able to hear and verify WAOV (1450 kHz, 1 kW) in Vincennes, Knox County, Indiana, at 1337 EST, through usually-dominant WLYV, Fort Wayne, Allen County; WASK, Lafayette, Tippecanoe County (both Indiana), and WMOH, Hamilton, Ohio, via enhanced daytime skywave propagation from southwestern Indiana. The clue had been unusually strong signals from WSON (860 kHz, 500 W) in Henderson, Kentucky (across the Ohio River from Evansville, Vanderburgh County, Indiana), and WITZ (990 kHz, 1 kW) in Jasper, Dubois County, Indiana. On the other hand, there is a two-month "hole" (December and January) during which local WNTS (1590 kHz, 5 kW DA-D) in Indianapolis, Marion County, Indiana, signs off 15 minutes ahead of WPGO (1590 kHz, 1 kW) in Mount Vernon, Posey County (I'm from Poseyville, in Posey County), Indiana. I've listened many times, but never have heard WPGO here.

Incidentally, while in the process of compiling a map of the Indiana counties, I discovered that two Louisville stations have transmitters in Clark County, Indiana; one Louisville station has its transmitter in Floyd County, Indiana; and one Chicago station has its transmitter in Lake County, Indiana. In addition, WIBC-1070 has its transmitter in Boone County, rather than Marion County, Indiana. Discovering transmitter sites isn't easy. One way to determine these is to poll the individual stations. Another is to consult the FCC's list of stations and their geographical coordinates (which are of the transmitters sites).

Next, I present a list of Indiana counties and their corresponding MW stations.

COUNTY	CITY	STATION	kW	DA
1. Adams	Decatur	WADM 1540	0.25d	ND
2. Allen	Fort Wayne	WFWR 1090	1d	DA
		WOWO 1190	50	DA-N
		WGL 1250	1	DA-2
		WMEE 1380	5	DA-2
3. Bartholomew	Columbus	WCSI 1010	0.5	ND
4. Boone (studio at	Indianapolis)	WIBC 1070	50/10	DA-2
5. Cass	Logansport	WSAL 1230	1/0.25	ND
6. Clark	Jeffersonville	WXVW 1250	1/0.25	ND
	(studios at Louisville)	WMTT 620	0.5d	DA
		WAVE 970	5	DA-2
7. Clay	Brazil	WWCM 1130	0.5d	ND
8. Clinton	Frankfort	WILO 1570	0.25d	ND
9. Daviess	Washington	WAMW 1580	0.25d	ND
10. Decatur	Greensburg	WPRE 1330	0.5d	DA
11. De Kalb	Auburn	WIFP 1570	0.5d	DA
12. Delaware	Muncie	WERK 990	0.25d	DA
		WLBC 1340	1/0.25	ND
13. Dubois	Jasper	WITZ 990	1d	ND
14. Elkhart	Elkhart	WCMR 1270	5	DA-2
		WTRC 1340	1/0.25	ND
15. Fayette	Connersville	WCNB 1580	0.25d	ND
16. Floyd	New Albany	WREY 1290	0.5d	DA
	(studio at Louisville)	WOB5 1570	1d	ND
17. Gibson	Princeton	WKLO 1080	10/1	DA-2
18. Grant	Marion	WRAY 1250	1d	ND
		WGOM 860	0.25d	DA
		WBAT 1400	1/0.25	ND
19. Green	Linton	WBTO 1600	0.5d	ND
20. Hamilton	Noblesville	WHYT 1110	0.5d	DA
21. Harrison	Corydon	WPDF 1550	0.25d	ND
22. Henry	New Castle	WCTW 1550	0.25	DA-2
23. Howard	Kokomo	WIOU 1350	5/1	DA-2
24. Huntington	Huntington	WHLT 1300	0.5d	DA
25. Jackson	Seymour	WJCD 1390	1d	ND
26. Jasper	Rensselaer	WRIN 1560	1d	ND
27. Jay	Portland	WPGW 1440	0.5d	DA
28. Jefferson	Madison	WORX 1270	1d	DA
29. Jennings	North Vernon	WCOH 1460	1d	ND
30. Knox	Vincennes	WAOV 1450	1/0.25	ND
31. Kosciusko	Warsaw	WRSW 1480	1/0.5	DA-N
32. Lake	Gary	WLTH 1370	1d	ND
	(studio at Chicago)	WWCA 1270	1	DA-1
	Hammond	WIND 560	5	DA-2
33. La Porte	La Porte	WJOB 1230	1/0.25	ND
34. Lawrence	Bedford	WLOI 1540	0.25	ND
35. Madison	Anderson	WBIW 1340	1/0.25	ND
		WBHU 1240	1/0.25	ND
		WHUT 1470	1d	ND
36. Marion	Indianapolis	WATI 810	0.25d	ND
		WXLW 950	5d	DA
		WNDE 1260	5	DA-N
		WIFE 1310	5/1	DA-N
		WIRE 1430	5	DA-N
		WBRI 1500	5d	DA
		WNTS 1590	5d	DA
37. Marshall	Plymouth	WTCA 1050	0.25d	DA
38. Miami	Peru	WARU 1600	1d	ND
39. Monroe	Bloomington	WTTS 1370	5/0.5	DA-2
40. Montgomery	Crawfordsville	WCTW 1550	0.25	DA-N
41. Morgan	Martinsville	WCBK 1540	0.25d	ND
42. Noble	Kendallville	WAWK 1140	0.25d	ND
43. Orange	Paoli	WVAK 1560	0.25d	ND
44. Perry	Tell City	WTCJ 1230	1/0.25	ND
45. Porter	Valparaiso	WAKE 1500	1d	DA
		WNWI 1080	0.25d	ND
	(studio at Michigan City)	WIMS 1420	5/0.5	DA-2
46. Posey	Mount Vernon	WPGO 1590	0.5d	ND
47. Saint Joseph	South Bend	WSBT 960	5	DA-2
48. Shelby	Shelbyville	WBSL 1520	1/0.25	DA-2
49. Starke	Knox	WKVI 1520	0.25d	ND
50. Sullivan	Sullivan	WNDI 1550	0.25d	ND
51. Tippecanoe	Lafayette	WASK 1450	1/0.25	ND
	West Lafayette	WAZY 1410	1d	DA
52. Vanderburgh	Evansville	WBAA 920	5/1	DA-N
		WIKY 820	0.25d	ND
		WGBF 1280	5/1	DA-N
		WJPS 1330	5/1	DA-N
53. Vigo	Terre Haute	WBOW 1230	1/0.25	ND
		WAAC 1300	0.5d	ND
		WTHI 1480	5/1	DA-2
54. Wabash	Wabash	WAYT 1510	0.25d	ND
55. Warrick	Boonville	WBNL 1540	0.25d	ND
56. Washington	Salem	WSLM 1220	5d	DA
57. Wayne	Centerville	WHON 930	0.5d	DA
	Richmond	WKBY 1490	1/0.25	ND

MUTUAL NET TO SWITCH TO DIRECT CASTING SYSTEM
SATELLITE FEEDS TO AFFILIATES The Mutual Broadcasting System radio network

announced during Thanksgiving week that it has signed \$10 million worth of contracts to feed network programming directly to Mutual affiliates via satellite. Mutual thus becomes the first commercial radio network in the U.S. to announce plans to feed its affiliates directly by satellite, rather than traditional land-based interconnections such as telephone lines and microwave relays.

Mutual has been using satellite transmissions in recent years to send network feeds from network headquarters in the East to a pickup point in the West, then distributing the West-coast feed via telephone lines. The direct feed allows simultaneous feed of different programming to the East and West. An example is the all-night "Long John Nebel and Candy Jones" talk show, which continues in the West after regular network service resumes in the East after 0600 EPT. Several of the radio networks use satellite feeds to key points in the different time zones, to allow different commercials to be fed to different time zones (this allows a commercial to be heard at a specific time, such as 7am local time, regardless of time zone). However, these transcontinental satellite feeds have been traditionally picked up at some key location within the time zone (such as Los Angeles, San Francisco, or Seattle in the PLT zone, Denver or Salt Lake City for the MLT zone, or Chicago for the CLT zone), then distributed by telephone lines or microwave relays to the rest of the affiliates in that time zone.

These broadcast lines for network feeds can get mighty expensive. A "voice quality" circuit (used by AP Radio, UPI Audio, and some small-town stations, as well as many regional sports networks), the cheapest available, nonetheless runs about \$300 per month per hundred air-miles between points for "24-hour service" (we DXers would say the circuit is connected "NSP," I guess). The "Class A" circuits, equalized to make the music and commercials sound good, cost more than \$400 per month per hundred air-miles. And these costs have been steadily rising. Microwave costs are comparable.

Mutual announces that it has a \$6.5-million agreement with Western Union over a seven-year period, and a \$3.5-million contract for construction of earth receiving stations by California Microwave Inc. of Sunnyvale, CA. Western Union will provide service via its Westar I satellite 22,300 miles above the equator, as well as install and maintain the earth stations built by CMI.

Mutual has applied to the FCC for construction of the ground facility that will beam Mutual programming up to Westar I, and about a dozen earth stations. Once that is approved, Mutual plans to ask for blanket approval of the rest of the system. If the approvals come on schedule, Mutual says construction of earth stations in the Pacific Northwest could start as early as July.

Mutual's contract with CMI is for a "minimum of 400" earth stations, but the network says the agreement is open-ended and possibly more than 500 could be built and installed.

Although most radio networks operate out of New York City, Mutual headquarters are in the metro Washington, DC, area. A transmitting station at or near network headquarters will beam programming up to Westar I, which can reach Alaska, Hawaii, Puerto Rico, and the Virgin Islands, as well as the continental U.S. Some earth stations will serve only one Mutual affiliate. Others, such as in the densely-populated Northeast, may serve several affiliates. A few affiliates without their own hook-ups may still be connected by telephone lines and microwave, says the network.

Mutual presently spends about \$2.75 million in telephone-line costs each year. Network officials say the satellite system eventually will save money, but the high start-up costs will not provide much cost reduction at first.

The main reasons Mutual went with satellite distribution, say MBS brass, are the super high fidelity and the extreme flexibility of the new system. The satellites will bring two full-fidelity audio channels to affiliates, with frequency response up to 15 kHz. Frequency response on "Class A" telephone lines is limited to 5 kHz, and is almost nonexistent on the "voice quality"

lines to smaller stations. One official says this 15 kHz quality will allow Mutual to transmit "FM stereo quality" signals to its affiliates - something no network is presently able to do.

As for flexibility, Mutual's new satellite system, when operational, will be able to handle as many as six different programs simultaneously. Initially, the network plans to use only three feeds, with programming staggered for different time zones. But possibilities with the multi-feed capacity range from transmitting newscasts and play-by-play sports simultaneously, to "mini-networks" for regional sports events, to stereo music broadcasts, to special events such as Congressional hearings and "all talk, all news" programs the single land-line system prevents the network from airing.

So if the audio quality on your local Mutual affiliate (there are 780 of them) improves suddenly in the future, you'll know that the satellite feed is now coming in directly at your local station. It is possible other networks could follow suit, if Mutual's system works out.

--Special Features Editor Bill Hardy. (Based on info in 11/28/77 Broadcasting, used by permission.)

News From The Frozen North...December 1, 1977
Kanadian Korner Knews.....J. Oldfield

- 300 CJJC BC Langley now carries some Punjab-Hindu nights for the 35,000 plus followers.
- 310 CJVA NB CRIC may cancel license as CJVA did not get airborne. Anyone heard them?
- 1070 C... AB Saint Albert (Edmonton) tries again for 10kw. D/N. Forget it unless it's a multi-language format.
- 1230 CIYR AB Hinton is on. A 50w mini-twin of CJYR.
- 1230 CKYR-1 Grande Cache. El ditto! Twins CJYR 970. Note both on 1230 & have no studios.
- 1280 CHR8 AB High River 10kw D/N s/b on by now? Said would carry some religion.
- 1400 CPYR AB Whitecourt is on with 50 big watts//CJYR.
- 1460 C... AB Medicine Hat 10kw D/N CHAT-owned relay of CBR also s/b on by now. Anyone?
- 1480 C... ON Newmarket...near Toronto...wants 10kw D/N
- 1480 CKO AB Edmonton...wants an AM freq. See 1550.
- 1490 CIGO BC Hope is now on 1240! Mixes w/CJAV days here. Still twins/relays CHWK 1270.
- 1550 CKO AB Edmonton. Also see 1480. CKO found out this city is still in the baby stages re FM. CKO wants 10kw D/N anywhere on AM. Note the use of only one call, CKO, all across Canada (mostly on FM).

Rogers Radio (Toronto) bought CHYR & CKJD. Maybe some format or call changes? Selkirk (CKWX, CJCA, CJVI etc.) want CPM. The Giants, CBPA & CBPB get a boost to 5w. The new 1240 CJHB twin isn't on yet per a CJHB s/off. Will the CKGW 570 Test also be carried on twin CJBN? Those in the PNW shouldn't overlook those new mini-twins as the CJCI twins on 1480 get out well to here.

Winnipeg (not Winapig) Jets WHA Hockey: CJOB 680: CHSM 1250 Steinbach & CPOB 800 Ft. Frances, ONTARIO. A great chance to catch CHSM while it's not twinning CPAN/CJRB.

Toronto Maple Leafs NHL Hockey: CKPH 1430 Toronto: CKKW 1090 Kitchener, & CKJD 1110 Sarnia. I've found no other hockey lists...CKNW 980 carries NHL Vancouver Canucks. CBNW 1260 has all WHA Oilers.



10,000 WAIS/1530 KC
 P. O. BOX 216 / DALTON, GA. 30720

1560 Kc. **WSDL** 1560 Kc.
 SLIDELL, LA.

Inter American Broadcasters, Inc.
 620 First National Bank of Commerce Bldg.
 New Orleans, Louisiana 70112

Jan. 15...GTG hosted by Paul Mount, 471 Emerson Ave., Teaneck, NJ 07666. Telephone 201-836-1137. Commencing at 1100 until whenever. Radios available, as well as a pool table & hearts game. A meal consisting of cold cuts and cheese sandwiches, salads and soft drinks will be served buffet style around 1400. Please send a card if you're coming, even if anonymously, hi. A map with directions is included in this issue on the back page.

GET TOGETHER FOR DXERS IN TEANECK NJ JANUARY 15, 1978
 at the home of IRCA and WRC Paul Mount. Things start around 11 am, and last as long as you want. Bring rx, varies, and whatever else you think would be of interest. A buffet style meal will be served around 2 pm. Activities will include general talk, meeting other DXers... a pool table and a card table (Hearts) will be available. Phone number is 201 836 1137-Please let me know if you plan to attend.

DIRECTIONS

BY BUS FROM NYC: Take the 11, 21, or 22 bus from Platform 24 at George Washington Bridge, or # 40 or 45 from Platform 33/4. Take the 11A bus from Platform 155 at 41st st, Terminal.

IN ALL CASES ASK FOR GARRISON AVE, TEANECK. When you get off bus, go up the stairs and continue north one block, then turn left. The house is across the street, white w/black.

BY CAR

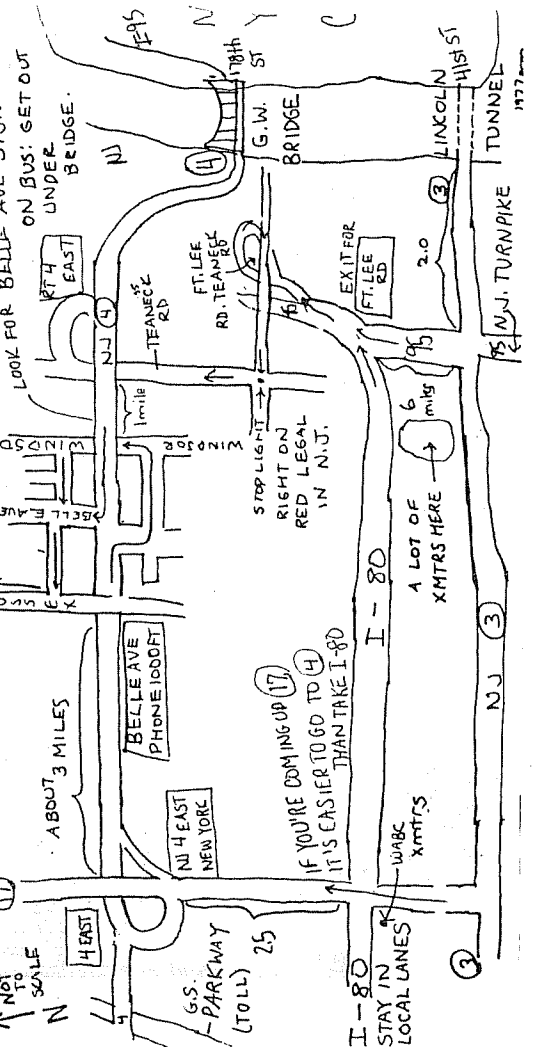
You will eventually be coming from either East or West on NJ 4. NORTH: I-87 to route 17, change over in Hillburn, NY. Take route 4 Eastbound to Belle Avenue, Teaneck. After turning off, make first left and go down 2 blocks to Windsor Rd. Turn left, go one block under highway, make another left. See East.

WEST: Take Garden State Parkway or NJ 17 to Route 4 Eastbound, see Above.

SOUTH: Take I-80, see South Road--Teaneck, Leona, Fort Lee exit sign. Take this exit, you will parallel the highway for a while. Take 2nd right on this roadway, for Teaneck Road, Teaneck. Go 2 lights to the top of the hill, turn right onto Teaneck Road. Proceed about 2 miles, go under highway, then take Route 4 West. See East.

LOWER NYC: Lincoln Tunnel puts you on NJ 3. Get off for NJ Turnpike Northbound, follow South directions.

EAST: Get to George Washington Bridge. Look for signs for route 4, a 4 in a circle. Go west about 4 miles, then look for signs for Belle Avenue, Sussex Rd. Make a right before underpass, (by a PAL building), then a left at Billington Rd. Go west 2 blocks, right one, left at Emerson Avenue.



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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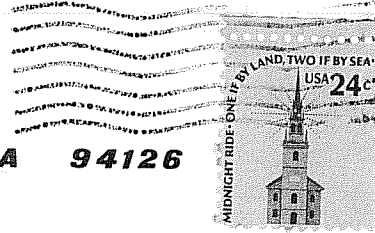
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