



# DX MONITOR

PUBLISHED BY  
THE INTERNATIONAL RADIO CLUB OF AMERICA  
P.O. Box 605, Beaverton, Oregon 97005

December 27, 1969 Mailed from Riverside, California VOLUME SEVEN, NUMBER 14

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 Publisher: Don Erickson, 6059 Essex Street, Riverside, CA 92504 714-687-5910  
 Dues (U.S. funds): \$6.50 third class, \$9.50 first class, \$14 air mail -- 34 issues  
 Bulletin schedule: Mailed weekly from 92502 about 3 AM Wed. or Thurs. mornings.  
 ALL TIMES IN DXM: Eastern Standard Time. Add 5 hours for Greenwich Mean Time (GMT).

NEW MEMBERS, DX BOOKLET, NMPs, BULLETIN LABELS, 'mbn' Mike 'mbn' Northam has just notified me he has a severe case of flu and there will be no set of labels for the next issue. For this reason, your mailing label on this and/or next issue may be inaccurate as far as exp. date. Please ignore all but the address. If there is an error in the address, notify mbn. Because there are no labels, the list of recent new members will be run about the middle of January. New Member Packets are being held up for the production of the updated DX Booklet, "Principles of Broadcast Band DXing". All 40 stencils for this booklet were very capably typed by Roger Horie who deserves everyone's thanks for a gigantic job done extremely well and in a period of only ten days! The mimeographing on the DXB is underway and recent NMPs will go out when that job is completed. All those who received NMPs minus the DXB will receive it at the same time. -Don Erickson

THIS ISSUE Mail delays have kept Don Kaskey's WC DXR and Bob Jacoby's WC DXF stencils from arriving in time for this issue. Because other sections were also shorter, this will be a 22-page issue despite it containing the f/c list. While we could have run a lot of filler material on hand, most is not too timely and it is hoped this 2-oz. bulletin will reach members more quickly than would a 3-oz. bulletin. Much of the material on hand will be run next issue, dated 1/3/70.

DX CALENDAR No new information has arrived on the programs for 12/29 so details on them will not be included though the list itself will be in order that any who receive this issue before 12/29 (and possibly before last issue) will have the list. Please continue to send info on all DX programs arranged to those listed in the 12/20/69 issue.

Mon. Dec. 29	WRYT	950	Boston, Massachusetts	5kw	0001-0430	EST	NRC
	WABC	770	New York City, N.Y.	50kw	0100-0200	EST	RLA
	WKND	1480	Windsor, Connecticut	500w	0200-0230	EST	RLA
	CKWW	580	Windsor, Ontario	500w	0215-0345	EST	RLA
	WEET	590	Boston, Massachusetts	5kw	0300-0400	EST	RLA
	WMEN	1330	Tallahassee, Florida	5kw	0330-0400	EST	RLA
	WWSO	1090	Monticello, Florida	1kw	0400-ON	EST	RLA
	WBAA	920	West Lafayette, Ind.	5kw	0400-0430	EST	RLA
	HIMS	570	Santo Domingo, Dom. Rp.	1kw	0400-0430	EST	NRC
	KVWO	1370	Cheyenne, Wyoming	1kw	0400-0500	EST	IRCA
	WONS	1410	Tallahassee, Fla.	5kw	0430-0500	EST	RLA
	WNEG	630	Toccoa, Georgia	500w	0430-0500	EST	RLA
	KJNP	1170	North Pole, Alaska	5kw	0500-0600	EST	NRC
	WKBK	1220	Keene, New Hampshire	5kw	0530-0600	EST	RLA

Mon. Jan. 5	WKBR 1250	Manchester, N.H.	5kw	0115-0230	EST	NNRC
	KAST 1370	Astoria, Oregon	1kw	0300-0400	EST	IRCA
Sun. PM 11	CBT 540	Grand Falls, Nfld.	10kw	2330-????	EST	NNRC
Mon. 12	WJAG 780	Norfolk, Nebraska	1kw	0110-0330	EST	IRCA/NRC
	WNXT 1260	Portsmouth, Ohio	5kw	0200-0215	EST	NNRC/NRC/IRCA
Mon. 19	KCMJ 1010	Palm Springs, Calif.	1kw	0315-0415	EST	IRCA
Mon. 26	KAWL 1370	York, Nebraska	500w	0101-0205	EST	NRC/IRCA
	KBIG 740	Avalon, California	10kw	0500-0600	EST	IRCA
Sun. Feb. 15	WSNO 1450	Barre, Vermont	1kw	0100-????	EST	NNRC

WRYT reports to: Mr. Geoff Fox, WRYT, Boston, Mass. 02116. Info: -Dave Bright

WABC requests that DXers within 500 miles avoid sending reports unless a verie is desired. Use standard address. No info on programming. -RLA/Ken Hopkins

WKBR reports to: Mr. Wilbur Remick Jr., CE, WKBR, 155 Front St., Manchester, NH 03102.

KAST will test for IRCA with music, history of Astoria and a description of the area. KAST is very anxious for reports from all DXers regardless of whether you already have them verified or not. Info/arranged by: -Pat Martin.

Reports to: Mr. Robert Chopping, Manager, KAST, Astoria, OR 97103.

CBT reports to: Mr. J. J. Grace, Stn Mgr, CBT, P. O. Box 218, Grand Falls, Nfld.-NNRC

WJAG will sign-on for their yearly Proof of Performance soon after WBBM goes off the air. Lots of station IDs, cycle tone and march music will be used. For a verie, send your report with SASE to Mr. Hollis Francis, Prom. Mgr, WJAG, 309 Braasch Ave., Norfolk, Nebraska 68701. Phone (402) 371-0780 if you are over 1000 miles distant. Do NOT call collect. -Ernie Wesolowski

WNXT reports to: Mr. Howard E. Potts, CE, WNXT, Box 1228, Portsmouth, OH 45662.-Myers

KCMJ will use daytime facilities. Reports to: Mr. Jerry London, Pgm Dir, KCMJ, Palm Springs, Calif. 92262. Programming will feature middle-of-the-road music and frequent IDs. Test arranged by: -Paul S. Lotsof

KAWL ending time is tentative. Reports to: David L. Johnson, KAWL, Box 531, York, NE 68467. Arranged by: -David 'Fish' Fischer

KBIG will use various tones and %'s of modulation. Reports to: Mr. James C. Jones, KBIG, Box 368, Avalon, CA 90704. More details soon. -Don Erickson

WSNO reports to: WSNO, Box 1, Barre, Vermont 05641. -NNRC/John T. Tweedie

MEETING IN BUFFALO AREA If you receive this in time, don't forget the DX meeting at the Osterman household on Sunday, Dec. 28, all day.

Fred and Jeff will host meeting; all DXers invited. Refreshments served. For more info, call 716-634-3836 after 9:30 PM.

-Fred Osterman, 436 N. Forest Road, Williamsville, NY 14221

REPORTS FOR WJLB-1400 DETROIT George Bryson, 8762 Hosmer, Detroit, Michigan 48214 writes that he now handles the verification tasks for

WJLB in Detroit. Reports, with return postage naturally, should be sent to George for the promptest action.

#### IRCA ACHIEVEMENT AWARDS PRESENTED

##### Series I, States Award

Greg Zimmerman (20)

Mario Sala (20)

Robert L. Neal, Jr. (30)

David Singer (20)

Dan Sys (20)

##### Series III, Countries Award

Jon E. Pearkins, Jr. (10)

##### Series IV, Total Stations Verified Award

Raleigh Biss (2450)

Ernest J. Wesolowski (1000)

Gary Nuthals (200)

Dan Sys (100)

From your publisher: This issue should be finished and in the mails around 4 AM on Christmas morning. Next issue could contain any of the following items: the updated RFS Cuban Station List, prepared by Ronald F. Schatz; CPC Results for KBYM, KIDO, and a couple of other recent IRCA programs; Domestic and Foreign DX Records on Heard basis; another report form for same; a complete list of entrants in the IRCA Domestic and Foreign Contests, and much more. -Don Erickson

Editor: Marc DeLorenzo - 132 Beacon Street - Boston, Mass. 02116

Deadline: Thursday. Please list all items in frequency order.

- \*\*\*\*\*
- 590 WOW NB, Omaha fair w/jingle 2324 12/5. (DSS)  
 W??? MI, Ironwood in strong but no ID on 12/9 from 1720-1750. (LMA)  
 NRC Log says WJMS. Welcome back, Larry! - MD
- 600 WPDQ FL, Jacksonville fair o/WCAO 2309 12/5. (DSS)  
 WLAP KY, Lexington hrd 12/9 @ 2010 w/rr, spotty reception til  
 2034. (KL)  
 CHLT PQ, Sherbrooke in fair w/FF @ 0310 on 12/2. (LMA)
- 640 CBN NFD, St. John's not hrd on 12/8 DX, only Cuban & KFI. Were  
 they on? (KL) Yes, see last week's ECDXR. - MD  
 KFI CA, Los Angeles noted here both SM 11/30 & 11/7 around 0100.  
 CMQ seems to cut power now on SM's. (HLH) Over Cuban  
 w/BKB game 12/12 2340. (JJ)
- 650 KORL HA, Honolulu probably the one w/easy-listening mx on 11/24  
 @ 0345. Still needed for a logging. (LMA)
- 690 WAPE FL, Jacksonville fair on 11/23 @ 0742. (LMA)
- 710 WGBS FL, Miami fair o/u WOR 1609 12/8. (DSS)
- 740 WBCI VA, Williamsburg w/fair signal on 11/23 @ 0700. (LMA)  
 WPAQ NC, Mt. Airy fair on s/on @ 0700 on 11/23. (LMA)
- 750 WHEB NH, Portsmouth in fair for a report on 12/4 @ 1612 which is  
 quite early. State #44 logged. (LMA)
- 790 WLBE FL, Leesburg fair o/u WTAR 2157 12/5. (DSS)
- 810 WYRE MD, Annapolis good 11/12 12/8. (DSS)  
 WKBC NC, North Wilkesboro fair by itself 0830 12/4. (DSS)  
 WMAS TN, Murfreesboro fair u/o WKBC 0835 12/4. (DSS) Call is WMTS.
- 820 WAIT IL, Chicago fair o/QRM on channel 1400 12/8. (DSS)
- 850 CKVL PQ, Verdun hrd 12/7 @ 1454 w/MoR FF. Usual WJAC not hrd. (KL)
- 860 KONO TX, San Antonio in w/weak @ 0345 on 11/24. (LMA)  
 KWPC IA, Muscatine w/good signals on DX 11/25 @ 0200. (LMA)
- 890 WHNC NC, Henderson poor 1450 12/8. (DSS)
- 910 CBO ON, Ottawa good @ s/off w/Oh Canada & GSQ 0115 12/6. (DSS)
- 920 CKCY ON, Sault Ste. Marie fair 0205 12/6. At about 0202, there  
 was a stn on this freq. as "the Voice of Northern Ontario"  
 which then went into a deep fade. Was this them? (DSS)  
 Dunno, but if my geography is correct, Sault Ste. Marie  
 is in Southern Ontario. - MD
- 930 WPAT NJ, Paterson 12/8 @ 0125 alone after local WBEN s/off. (JJ)
- 940 KIOA IA, Des Moines fair 0145 12/6. (DSS)
- 950 KLIK MO, Jefferson City weak u/WWJ on 11/17 @ 1735, vfd. (LMA)
- 960 WFIR VA, Roanoke noted here first time w/new call w/rr & MoR @  
 2020 12/5. (HLH)
- 1000 WVOV AL, Huntsville fair @ s/off 1730 12/5. (DSS)
- 1180 -VOA FL, Marathon Key poor 2058 12/3. (DSS)
- 1190 KRDS AZ, Tolleson in weak and fading but sent rpt for reception  
 on 12/1 @ 0200. (LMA)
- 1130 KWKH LA, Shreveport hrd for the first time on 12/9 @ 1755. With  
 NSP WCAR beamed North it is lucky I hrd them at all. (LMA)
- 1210 ????? UnId TT hrd here 0030 12/7. Believed to be WADE, as it  
 completely covered WCAU. (HLH)
- 1220 CKDA BC, Victoria in nice @ s/off 0306 on 11/29. (LMA)
- 1270 WHLD NY, Niagara Falls good @ s/off o/crowd 12/5 @ 1645. (DSS)
- 1300 KOLY SD, Mobridge very good signals on s/off 1815 on 11/22. (LMA)
- 1310 WNAE PA, Warren in nice on DX 12/1 @ 0210. (LMA)  
 WDOE TN, Chattanooga hrd 0021 w/C&W mx. ID as "Top Dog" 12/7. (HLH)
- 1330 KFH KS, Wichita good 12/6 @ 0300. (DSS)
- 1350 WCVU VA, Portsmouth finally (hi) thru WTVR slop 1200 12/5. I've  
 been trying for this one for a long time. (DSS)

- \*\*\*\*\*
- 1350 WSMB LA, New Orleans in fair for a rpt on 12/1 @ 2100. (LMA)  
 WGAD AL, Gadsen in fair on 12/1 @ 1930. (LMA)
- 1360 WHBG VA, Harrisonburg thru WTVR slop 1137 12/8. The slop isn't nearly as bad here as on 1350. Why? (DSS) Actually, it is probably worse on 1360 but WHBG's signal is strong enough to block out the slop, whereas WCVU is not strong enough. - MD
- 1420 WDDY VA, Gloucester fair 1630 12/4, ID as "woody radio." (DSS)
- 1440 WKLVA VA, Blackstone good 1515 12/5. (DSS)
- 1460 CKRB PQ, Ville St. Georges in well for a rpt in FF @ 1644 on 11/22. Can't find on any map. (LMA)
- 1480 WHBC OH, Canton good w/nx etc 2010 12/8. (DSS) (KL)\*  
 WLEE VA, Richmond hrd 12/6 @ 1635 w/rr, quite strong til 1656 nx.\*\*
- 1510 WLKR OH, Norwalk good @ s/off 1659 12/5. (DSS)
- 1520 WXPQ GA, Eatonton good o/WKBW 1722 12/5. (DSS)
- 1530 WASC SC, Spartanburg good @ s/off 1715 12/5. (DSS)  
 WTTI GA, Dalton strong on DX 12/8 @ 0130. (LMA) Not hrd 12/8 on TEST. Only WKBW/KXEL slop. (KL)
- 1540 WANL AL, Lineville in fair for a rpt on s/off 1730 12/1. (LMA)  
 WCLX?? S/off w/Dixie @ 1745 on 12/1. (LMA) Probably WCOX in Camden, Alabama 1kw-d. - MD
- 1550 WKYE TN, Bristol fair @ s/off 1714 12/5. (DSS)
- 1560 WDXR KY, Poor u/WQXR 2143 12/4. (DSS)  
 WKOG GA, Gordon hrd 12/8 @ 0043 testing. I have seen so much call changing here I don't know what to believe. (KL)  
 WKDO KY, Liberty hrd 12/6 @ 0417-0432 w/f/c-tt per list. (KL)
- 1570 WTLK NC, Taylorsville fair u/CKLM @ s/off 1715 12/8. (DSS)  
 KLLA AL, Leesville in quick on s/off @ 1817 on 11/30. (LMA)  
 KOLS OK, Pryor vfd for rpt of s/off 1815 on 11/30. (LMA)  
 WTQX AL, Selma fair on s/off 1745 on 11/30. (LMA)
- 1580 WHHM TN, Henderson nice for 250 watter on s/off 1745 12/6. (LMA)

CONTRIBUTORS:

- (LMA) Larry M. Abraham - 8470 West Tuscola - Frankenmuth, MI 48734  
 equipment: HQ-145A with 100' longwire
- (JJ) Jim Jankowski - Box 45- Corfu, N.Y. 14036, Halli 5R10A w/LW
- (KL) Ken Lyon - 9415 Goodrich Road - Clarence Center, N.Y. 14032
- (DSS) Dave Singer - 5501 Old Richmond Ave. - Richmond, Va. 23226

EAST COAST DX FORUM

Frank Waldron - 65 Lakeridge Drive - Matawan, N.J. 07747

Veries in the last 6 weeks are: v/q WNAE XETRA KOMO WTVN WHBL XEB.  
 v/l CKFL WISA WLMS WJBC WYGO KWAM WFMO WMBO WRMT WFLO WLUX WRFC WBLF.  
 v/f WREO CHIN WNCT. Totals up to 1013/637 44/44 10/9 26/20. WJOB & WLUX said mine was the most distant rpt rec'd. XEB v/q is also used for XERPM & XEDF, and is quite attractive. That's about it - please don't feel offended because I didn't reflect on the merger proposal, records, SC's, portable xmtr's, and other such trite garbage. I'm too busy DXing.

Martin Berstell - 75-43 197th St. - Flushing, NY 11366

Hi guys. First report to DXF since I joined the club. Latest heard here: WHHH WALL WBLU WSPR KQV WHIL KXEL WXYZ WTAE WHEC WSLR WCVU WSAY WHTG WING WING WDSR\* WHAP WIRY WDVA WERE WLOB CJBC. Does anybody know about a stn at about 1360 or 1370 that has "Holiday Inn Nighttime"? I got the station @ 0400. (Your station is WSPD-1370 Toledo, Ohio, Martin and welcome to IRCA & ECDXF! - MD) (Also, the maximum power for an unlicensed radio station is 100 milliwatts. You can buy a good 100mw transmitter from Lafayette Electronics. - MD)

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David Singer - 5501 Old Richmond Ave. - Richmond 23226

Hello. DX here has been poor until today (12/3) when cx were nearly perfect. WGAR 100% readable here all day 12/3. Home from school today w/a cold, and I watched daytime TV before I found out about the great cx, darn! Not one new stn SM 11/30. I'm just waiting for 12/22 which will be the first MM I'll have been able to stay up since Sept. Maybe KYAK will come thru, hi. The nearly continuous tone everyone's been hearing over WGN seems to have dropped way down in frequency. It wasn't there at all when I hrd them this afternoon at about 1530. Is it that Nev., I hope? (No, the Cuban, Dave. The Nevada stn will have such a sharp null to the East to protect WGN that it will be all but impossible on the East Coast. - MD) Glad to see the rule changed in FDXC; is it retroactive? Not so glad to find there's another domestic on 1200, hi. KSL has been coming in unbelievably well, almost as well as NYCers. Totals: 288/19 37/16 4/1 8/2. 73's & good DX & Merry XMass.

Ken Lyon - 9415 Goodrich Road - Clarence Center, N.Y. 14032

No luck at all on CBN, WTTI TESTs. Hope to get a new issue of WRTH as my present one needs a little updating. That opening to the North which brought in some nice Canadians seems to be gone now. Veries this week are CHLC, a very friendly letter in FF + CM; it looks like their pattern is a straight line up and down the ST. Lawrence. WOI, nice letter and card. CHYR sent nice letter telling me of changes since CJSP + CM and rate card. CU later.

Bill Peek - 801 Elm Ave. SW, Apt. 3 - Roanoke, Va. 24016

Joined IRCA in Oct.; first report to ECDXF. Been DXing seriously for about 3 months. Made a six-block move to a new apt a few weeks ago; the improvement in DX has been fantastic! Using a Realtone model 8812 (Globepacer) 18 transistor portable. Good sensitivity & selectivity; locals only slop over 10 kc on each side. Only have built-in ferrite bar; attempts to build FET pre-amp & IRCA loop have come to nothing; anybody have these for sale? Totals are 102/14 w/many reports still out (I don't bother to log the powerhouses always hrd here). Pulled an all-nighter 12/8 and got 21 new ones. Mexican DX was great 12/1 as XELO XERF XEX XEG XEPH all hrd. Don't know enuf about NRC to formulate an opinion on merger, but I do think less DXW space should be devoted to the question. How about D.C. or Richmond in '71? Well, my 15 lines are about up. So long, 73, good DX, & long live DEE.

Thomas R. Sundstrom - PO Box 205 - Willingboro, NJ 08046

Biggest news here is the logging of country #49 in Radio Anguilla yesterday, 12/9, from 1815-1900 EST. Frequency seemed to be 1506 rather than 1505...checked it pretty carefully, and asked Evans about it in the report mailed this day, 12/10. Signal level at times was good enough for Anguilla only detectable using loop, nothing at all with the LW. Am hoping for a quick verie and will send further details if and when the verie arrives. Don't forget the DX special 12/22. 73.

Leslie G. Wood - 1463 Tadmor St. - No. Merrick, LI, NY 11566

Seasons Greetings! MM 11/24 was a big day for me, as I logged 7 new stations. One was CBW - my first from Manitoba. Other catches since last report are: WLOF WVOJ (making now 12 stns from Fla.) CHRR CKAC CKOY KSTP & WIRV. Just rec'd v/q from WNBC. Also, I've just rec'd the 1970 Communications Handbook, in the mail. I love reading the BCB section every year. It has a good section on TV & FM DXing this year, too. Totals to date now are: 314/29 31/17 states 8/2 countries & 4/2 prov. Has anyone hrd a WIL0 on 560kc? Could swear (oops) I got this station. That's all for now. Season's greetings to all & good DX.

EDITOR: Lynn D. Brooks - Box 253 - Ponca City, Okla. 74601

DEADLINE: Friday, eight days before publication date of Saturday. Report in DXR form

- 550 K TSA TEX, San Antonio 0050 11/30 w/mx; verified. (GN)  
 KF YR ND, Bismarck finally hrd w/sports 0318 12/7. (RCE)
- 570 W F A A TEX, Dallas 0225 11/25 w/mx; verified. (GN)
- 580 W I B W KAN, Topeka 0200 11/30 w/mx; verified. (GN)  
 W E L O MISS, Tupelo 0500 s/on 12/1. (GN)
- 670 K B O I IDAHO, Boise not hrd since Oct. logging; verification from them tho for  
 670. (JCJ)
- 710 C H Y R ONT, Leamington hrd 1700 11/15. (GN)
- 790 K T H T TEX, Houston w/promos 0135-0144 w/XERC took over 12/7. (RCE)
- 800 K B R N COLO, Brighton noted thru PJB with ET 0310 and on 12/15. (JWP)
- 810 K C M O MO, Kansas City hrd 1748 12/8. (NB)
- 850 C K R D ALTA, Red Deer 12/10 DAYTIME DX! 1200 miles @ \$7 @ 1230 EST! (F)
- 860 ? ? ? ? UnID FF at 1829; probable LPRT St. Lazarre or Ste. Rose du lac, Man. (JWP)  
 ? ? ? ? IDed as Radio du Canada @ 0645 12/15. One of the above, but which?(JWP)
- K S F A TEX, Nacogdoches ETing 0240 11/4. (TM)
- 870 W K A R MICH, East Lansing 12/10 s/off 1700 no SSB. 650 miles. (F)
- 910 ? ? ? ? UnID Denver Bronco FB at 1731 12/14. Is this KPOF?? (JWP)
- 960 K F V S MO, Cape Girardeau s/off 0059 12/5. (NB)
- 970 C J Y R ALTA, Edson s/off 0205 12/15. Very weak for short distance involved.(JWP)
- K A K C OKLA, Tulsa noted with pop music 0300 12/15. Now NSP?? (JWP)
- 1000 K T O K OKLA, Oklahoma City hrd w/mx 0415 12/1; verified. (GN)
- 1010 K L R A ARK, Little Rock 1755 11/19 w/mx. (GN)
- 1070 W D I A TENN, Memphis 0510 12/1. (GN)
- 1080 K O A K IA, Red Oak 12/10 s/on 0845 followed by SSB. (F)  
 W P O K ILL, Pontiac s/off 12/12 1730 no SSB. 425 miles. New catch. (F) S/on  
 0815 no SSB. (F)
- K Y M O MO, East Prairie hrd w/ID while testing 0204 very poor u/KRLD; had to  
 loop SE to hear at all 12/7. (RCE)
- 1110 W B T NC, Charlotte hrd 12/13 in over KFAB 0735; new catch; 995 miles. (F)  
 C H Q T ALTA, Edmonton 11/1 0152. (TM)
- 1130 K W K H LA, Shreveport w/mx 1734 12/5. (NB)  
 C K W X BC, Vancouver hrd 0430 11/2(longtime no verie). (TM)
- 1140 C K X L ALTA, Calgary s/off 0200 11/3. (TM)
- 1150 K S A L KAN, Salina 1640 12/4 w/music. (GN)  
 W G G H ILL, Marion w/music 1712 12/5. (NB)  
 W ? O W UnID u/WGGH 12/5. Help! (NB)
- 1160 K S L U, Salt Lake City, RE: Herb Jepko. Simo 0200 w/KVOO. "Herb Jepko Net-  
 work" incl. simo news by Jepko. All from SLC. First hour of Jepko  
 not heard on KSL. (JCJ)
- 1170 K V O O OKLA, Tulsa 0100 Herb Jepko from SLC. Simo w/KSL 0200 on. See 1160. This  
 should clear up any questions you might have on this simocast of  
 Jepkos. All so he can have "more coverage area". (JCJ)
- K U A D COLO, Windsor 12/10 s/on 0830 w/SSB; 1000watts; 430 miles; new catch.(F)
- 1190 K L I F TEX, Dallas good w/rr 1816 11/31. (NB)
- 1220 C J O C ALTA, Lethbridge I&C 0230 11/1. (TM)
- 1230 K S S T TEX, Sulphur Springs s/on 0438 12/15. (GN)
- 1240 K A K E KAN, Wichita 0535 ID 12/1. (GN)
- 1280 W W T C MINN, St. Paul-Minneapolis 0026 11/30 w/music. (GN)
- 1340\*\*KHUB\*\*NEB, Fremont on f/c 0130 11/10. (TM)  
 \*\*KGPC\*\*ND, Grafton with f/c 0245-0255. ID's at 5 min. intervals 12/15. (JWP)  
 K I C K MO, Springfield 0500 12/3 w/music. (GN)
- 1360 K F F A ARK, Jelena s/on 0600 12/15. (F)
- 1400\*\*KVOP\*\*TEX, Plainview 12/15 0520-0530 TT w/voice ID. Said r/c 3rd MM 0515-0530.  
 New catch. 540 miles. (F)
- W R O Z IND, Evansville ending news 0105 12/8. (RCE)
- 1440 W N F L WISC, Green Bay s/off 0100 11/5. (TM)  
 K M L B IA, Monroe 12/15 s/on 0600. (F)
- 1450 K W B E NEB, Beatrice(Kweebee) 12/15 s/on 0600 Pledge Allegiance; AN6 Off MM.(F)
- 1460 W A C O TEX, Waco 12/15 s/on 0630 w/SSB; 660 miles. (F)

- 1460 ???? UnID's. s/on's at same time 0600 12/1; one tentatively is WBNS; other station's x-mitter site is town of Wright. (GN)
- 1470 CHOW ONT, Welland s/on 0528 11/6. (TM)
- 1480 KAUS MINN, Austin noted s/off 0105 12/14. (JWP)  
KTRI IA, noted s/off 0105 12/14. (JWP) (What town is this stn in?? -LDB)
- 1490 KTOP KAN, Topeka 0400 in mess 12/15. (GN) Noted w/ID 0504 12/15. Finally (JWP)
- 1510 WHAT PA, Annville 0600 11/25 s/on. (GN)  
KANS KAN, Larned s/on 0745 no SSB 12/9; 220 miles. (F)  
KIFG IA, Iowa Falls 12/9 s/on 0745 no SSB; 220 miles; new catch. (F)
- 1520 KXKW IA, Lafayette 12/8 1715 thru dominant KOMA; new catch; 800 miles. (F)
- 1530 WTTI GA, Dalton hrd on DX test w/pop mx 0255 12/8 slight KXEL QRM. (GN)  
Special in good 0128-0150 12/8. (RCE)
- 1540 WLEF MISS, Greenwood 12/9 s/on 0800 no SSB; new catch; 635 miles. (F)
- 1550 KRGO U, Salt Lake City s/off 1900 12/13. Will not verify for me. (JWP)  
WIRV KY, Irvine w/TC 1705 12/6. (RCE)  
KQWB ND, Fargo s/off good 1807 11/1. (TM)
- 1560\*\*WCIIK\*\*GA, Gordon 0145 12/8 test tone. On for experimental purposes. (GN)  
WMIC MICH, Sandusky 0605 12/1. (GN) /Call is WKOG; see below. (LDB)
- \*\*WKOG\*\*GA, Gordon ET w/cw mx hrd 0108-0120 off 12/8. (RCE)
- 1570 KOLS OKLA, Pryor good on s/off 1815 12/3. Nice v/l from CE. (NB)  
WPEP MASS, Taunton s/on 0700 11/6. (TM)
- 1590 KRAD MINN, E. Grand Forks hrd 1830 11/1. (TM)  
KVGB KAN, Great Bend hrd 1805 11/1. (TM)

R/C's heard per IRCA F/C List:

2nd WED: WATM-1590 (RCE) WBEJ-1240 (RCE) 2nd MON: WCAZ-990 ILL (GN)

REPORTERS FOR THIS ISSUE:

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(RCE) RICK EVANS - Box 1988 - Gary, Indiana 46409  
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(JWP) JOSEPH W. PLONKA - Box 148 - Chaplin, Saskatchewan, Canada

MIDWEST DX FORUM

MARV GARBER - 2539 Kessler Blvd. - Lincoln, Nebraska 68502

Greetings! Did anyone ever get a verie from the KIME-1490 DX last season?? I don't think I ever read in DXF about anyone receiving one. I nearly had forgotten about this test until I checked my log & found I had reported them but had rcvd no reply. I'm really looking forward to all the tests over the holidays. One I would really like to hear is CBT, but if it doesn't stay on past 0215 or so (CBK's s/off) it would be virtually impossible. That's what bugs me about some of these tests--they don't stay on late enough MM & some of my semi-locals don't s/off until after the test was over. Some of these will be virtually impossible to hear, like: WCVR WJWL CBT & many of the Nfld. tests. Some of you WGer's may feel the same way about this. 73 and Happy Holidays!!

JERRY L. SMITH - 2110 Gilmer Road, 1B - Longview, Texas 75601

Hi there. DX good here. Reports out to KLO KTWO WTTI KOIL KVGB KPIK WMBH. New veries: v/l KECK KIRL WMBD v/q WBZ CBR CBK. Got states #27(WBZ) & #28(KTWO). Tests: 12/8 got WTTI, CBN-covered by CMQ La Habana. As for tape veries...let's count them!! I for one am in favor of the proposal to grant tape veries the same status as QSL's. While on the soap box the award series for state capitals is a great idea, after 20 though, let's make it in increments of 5. Hank Ward is a cinch to be the first to collect a 50 award. That Hank - That DXer!! GREAT! Totals: 116/80 stns, 28/28 states, 3/3 provinces. 73's. Go Cowboys - Beat Cleveland!!(I'll drink to that!!-LDB)

RICK EVANS - Box 1988 - Gary, Indiana 46409

Veries: v/l WJBC KMER v/q WIRE v/r WTHM. DX slowing down as I am starting a traffic course designed to make me a traffic manager. Totals now 857/404. 73.





Editor: Father Jack Pejza, 12096 Ventura Ave., Ojai, Calif. 93023

Telephones: w/tape recorder: 805-646-1464; dorm phone: 805-646-9183.

Deadline: Friday, 8 days before publication. Please use EST in reports, on one side of page, typed preferably.

Thailand Report- Glenn Hauser

- 580 ??? UnID, station noted in FF 0640 EST 12/13; heavy local QRN. My lists show no likely possibilities.
- 635 ... China, Nanning per list, YL talking at 1705 12/8; a regular at night, as are China stations all over the dial.
- 639 RML Laos, Vientiane, appears consistent on the frequency, perhaps possible in NA. Logged 12/9 0855 w/YL talking in Lao //6130; music 0857. Country #23, at 221 miles!(If only KFI would shut down once in a while... Ed)
- 645 ... China, CJKT, Peking (per list), OM talking at 1706 12/8; strong at 1928.
- 773 ... Egypt, Cairo in with fair strength 12/8 1521 with Arab music, very Cairo-ish, on through till LSR almost. Country #18 at 4566 miles. (The previous item should read "strong at 1928 miles. Ed)
- 795 ... China, Shanghai (per list) man and woman talking at 1710 12/8; 1660 mi.
- 805 ??? UnID, 12/8 1725 EE religious talk, 1730 music, into CC at 1732.
- 810 FEN Japan, Tokyo 12/8 1425, music //3910. Country #16, 2726 miles.
- 845 ... China, still UnID, but noted with code message (relayed SW QRM?) under talk at 1125 12/13; VVV VVV VVV D E U4R U4R. ITU lists a similar call under USSR. RTTY and various "CW QRM" noted on many China channels.
- 850 AFVN South Vietnam, Da Nang in the clear 12/8 at 1418 with music //900//930.
- 895 ... Iran, Tehran, fair signal 12/8, 1525 dance music, 1530 3-pip TS; announcement, news summary. Country #19 at 3410 miles.
- 930 AFVN South Vietnam, Quang Tri ID caught at 1059 12/13 after Viet and USA NAs at 1055. Is daily custom just before local midnight at both AFVN and AFTN.
- 960 ... Malaysia, RM Kuala Trengganu, English net, 1115 12/12 report on Rangoon games, 1120 MST TC, music.
- 1130 AIR India, Calcutta is the powerhouse you might imagine, at 1039 miles; still DZHP overrides now and then. AIR logged 12/8 at 0835 with news in GOS program and features during the following hour.
- 1140 ... Malaysia, Kuantan, 12/12 at 1829, Benson and Hedges ad in EE, 6-pip TS, Malay ID and news in EE; no VOA QRM.
- 1160 ... Malaysia, RM, Malacca, English, 12/13 0608 news about Singapore, etc.
- 1178 ... China Usually wideband jamming here, but 12/11 1815 a piece of music heard that must be played hourly on every Chinese station, so doubt it was VOA; CC talk too.
- 1200 ... China, presumably the source of jamming here too, probably against BCC, which may have been audio heard underneath; noted at 1103 12/12.
- 1210 ... China, apparently new Foreign Service frequency. R. Peking in EE at 1340 12/8; powerful, but where?
- 1220 ... China, believe I caught local ID for Chengtu (Szechwan) (only one listed.) Followed by music at 1055 12/12, fine strength.
- 1240 ... North Vietnam, Hanoi closing program to American servicemen. Perhaps beamed south; poor here, at 1828 12/11.
- 1250 .... Asiatic RSFSR, R. Moscow, Khabarovsk/Vladivostok (I don't know either) theme, and CC at 1347 12/8; fair.
- 1259 VOA Dodecanese Islands, Rhodes, a cinch to ID, with news in EE, IS, at 1609 12/8; country #21, 4719 miles.
- 1280 ... Malaysia, Malacca, R. Malaysia 12/12 1100 timesignal, Hindi ID, Chinese music.
- 1385 ... Kazakh SSR, perhaps Ural'sk, R. Moscow IS, Chinese ID thrice at 1630 12/8; //1367.
- 1410 BBC Muscat and Oman, Masirah fair but not the powerhouse I expected, with commentary in WS at 1512 12/8. Not heard on 701 yet. Country #17.
- 1421 BBC Cyprus, Limassol, WS sporting coverage at 1747 12/8. If still low power, would be my best catch here so far, around 4500 miles, country #22.

- 1460 ... USSR, unlisted "split" frequency, too. 12/12 at 1124, "Govorit Moskva" and on 12/13 at 1156 Internationale and off. Perhaps s/off time is a clue to longitude.
- 1475 ... Asiatic RSFSR, never managed a peep from this in Denver or Enid, but got 'em now! 12/13 1159 TS,TC for dvatset chasov, news.
- 1520 ... Thailand, Bangkok, Army station (listed as "20 Pheng Lae Khao") noted with news in EE at 1838 12/12, strong, but some distortion fades at 135 miles; 1839 end localnews, into world news; 1845 weather, 1847 "We have now concluded our morning English program. Tune again at 2200 hours" = 1000 EST.
- 1525 ... China, Urumchi, not terribly strong, probably heavily directional. A det here evenings, but at 1600 12/8 strong, rather clear with Peking IS, QRM on same channel and "Govorit Peking."
- 1538 ... West Germany, Cologne; was 12/8 a good high latitude date, or is this reception fairly usual here? Hard to say, since I work midnight shift 6 nights a week! This is my first European, country #20, and greatest distance, 5563 miles. Noted with news in Rumanian at 1542; believe 1586 and 1602 were also in, but QRM was stronger. Incidentally, Europe, Alaska and South Africa are about equidistant from here.
- 1560 AFNT Taiwan, Taipei 12/8 1700 ID, weather, relay news from AFRTS-Washington (at AFTN we do our own news!) 1443 miles.
- 1586 WDR West Germany, Langenberg likely to go along with DLF-1538 and something on 1602, 12/8 1810 almost convinced myself it was GG; then 1815 got some definite music titles; still music at 1830. No doubt ECNA guys were listening at same time!
- 1559 DZCH Philippines, Bulacan Bulacan, giving QTH in EE s/on 1559 12/8, giving many // stations, then morning devotion. WCNA guys, here is that het you've been hearing, hi.
- Glenn mentions that he is longing for that fancy loop. He may have, for instance, had Nepal-790 under Singapura on 12/13. Glenn, you can send your Forum reports either to me or to LDB, (as a transplanted Midwesterner) As you mention, you actually are closer to Central time in Alberta than anywhere else in the US or Canada.

#### Listeners Loggings- East Coast

- 584 RNE Spain, Madrid beautiful 12/15 at 0035 with music, SS. (AMG)
- 655 YSS El Salvador, San Salvador, an old friend, "R. Nacional" in surprisingly strong on 12/11 at 2003, but faded in and out later. Usual WSM QRM. (VL)
- 665 ... Portugal, Lisbon excellent at 0200 12/15, (AMG)
- 675 YND Nicaragua, Managua, Union Radio noted 12/8 with ad for Dept. Store in Managua at 2000. (AMG)
- 680 WAPA Puerto Rico, San Juan noted as early as 1925 on 12/8 with that easily distinguishable up-beat SS music. (AMG)
- XELG Mexico, Leon. The recent reports of this one ANing gives me hope that XELG was the one u/WAPA on 12/26 at 0245. Taped tentative sent. (AMG) (12/26? Ed)
- 683 RNE Spain, Sevilla not its usual self on 12/15. One of the weaker TAs this Mm. (AMG)
- 764 ... Senegal, Dakar booning at 0200 with news 12/15. (AMG)
- 773 RNE Spain, San Sebastian nice at 0215 12/15. Clearer than RNE-584 but not as strong. (AMG)
- 750 ??? UnID SS 12/8 2010 with commentary and mention of "Radio Nacional." LRA7 unlikely. (AMG)
- 755 ... Portugal, Lisbon with talk by female 0240 12/15. (AMG)
- 780 YVOD Venezuela, San Cristobal poor 11/10 0228-0240 with music and SS talk. (AMG)
- 782 CSB9 Portugal, Miramar, RCP excellent 0235 with music, male and female announcers. (AMG)
- 845 RAI Italy, Rome weak but clear 2250-2300 12/14 with piano music. (AMG)
- 881 BBC England, Washford. Radio 4 with commentary by female announcer 0155-0200 12/15. (AMG)

- 975 HCAW2? Ecuador, Guayaquil, I may have gone overboard on reporting this one 12/8. TIRS is likelier but I'm not ruling this one out either. Does the NC AN? (AMG)
- 989 ... UnID TA hetting the domestic channel 0257 12/15. No audio, darn! (AMG)
- 1025 ... UnID, very weak, 0300 12/15. Likely LA as TAs were on the way out at this time and not noted earlier. (AMG)
- 1034 CSB2 Portugal, Lisboa fair but clear all early AM 12/15. (AMG)
- 1088 BBC England, Droitwich good with commentary 0120 12/15. (AMG)
- 1097 ??? Spain/Canary Islands IS heard 0200, consisting of guitar chords (matches ECS4), followed by talks and music until fadeout 0212. Clear ad for a business "en la calle de San..." at 0212. TC at 0210 was for "Las 8:09" which fits Spain but not Canaries. Anyone get definite ID? (AMG)
- 1133 ??? UnID TA carrier noted 0243 12/15. WNEW off! (AMG)
- 1142 ??? UnID TA carrier noted 0244 12/15. (AMG)
- 1200 CFFB Canada, Northwest Territory, Frobisher Bay, heard 0105-0114 12/15 s/off. with prayer, Oh Canada, and GSQ. Muchisimas gracias, Larry. (AMG)
- ??? UnID SS left over after CFFB s/off. All talk, likely the Cuban. (AMG)
- 1205 RTF France, Bordeaux the best ever 0100 12/15. No sign of Sierra Leone. (AMG)
- 1210 ??? UNID, powerful LA keeps topping WCAU during evening of 12/15. Station had IDs after every IA pop tune, but I couldn't make it out without a tape recorder. This station should be heard along the whole east coast. (VL)
- 1212 ??? UnID hetting WCAU at 2330 12/15. Colombian? (AMG) (Probably. Ed)
- 1214 BBC England, Radio One solid all AM 12/15 with pops. (AMG)
- 1223 ??? UnID TA carrier. Likely RNE-Madrid which is the one usually heard here. (AMG) (I presume this was 12/15, Angel.Ed)
- 1235 ZBM Bermuda, Hamilton noted with SS music at 0245 12/15. Just one SS selection though. (AMG)
- 1506 ... Anguilla, The Valley, R. Anguilla: 12/9-15 through 2010. Good at times, to the point of having receiver bandspread wide open. Chimes with ID at 1815, news, then pop music show announced by woman impossible to read with shallow modulation after 1820. NRC has reported this one to be on 1505, but I checked this carefully several times and I think it's up 1 kc. Report out, fingers crossed. Some QRM from WEAC-WMEX-1510. (TRS)
- Mid West
- 660 YVNA Venezuela, Coro first noted with "Ondas de los Medanos" ID 1847 12/16. Later heard IDing as simpling "OIM" at 2119, while looking for Gene Martin's Haitian. Only XERFM noted besides YVNA this eve. (LNG)
- 730½ HJCU Colombia, Bogota, "Radio Tricolor" noted a hair above 730 but separable at 0208 MM 12/15. AN, natch. (LNG)
- 825 YNOL Nicaragua, Managua at 0325 on 12/14 with Harry Belafonte songs until 0330 ID. (KOL)
- 1010 HJHN Colombia, Barranquilla, "Radio Sutatenza en Barranquilla" is my UnID HJ of MM 12/8, heard on s/on MM 12/15 0402. Checked 960 and didn't hear any SS. Does this one alternate between 960 and 1010? (LBG)
- 1025 HJER Colombia, Cali, R. Pacifico at 0045 with ID and SS announcer until 0050. Good signal strength on this 12/12 catch. (KOL)
- 1035 4VE Haiti, Cap Haitien (not Port-au-Prince); sorry (re my tip in 12/13 DXWW.) (LBG)
- 1040 TGXA Guatemala, Guatemala, "R. Centro Musical" at 0412 with homeland songs in SS until 0415 ID 12/14. (KOL)
- 1055 HJBX Colombia, Villavicencio "La Voz del Llano" (listed 1200) with strong signals but fuzzy audio IDing at 0445 MM 12/15. I believe s/on 0400 daily. Announcer speaks with rather strange accent. My first logging in province of Meta. (LBG)
- 1180 XEFR Mexico, D.F. s/off 0400 12/12; I though was always AN! Announced s/on would be at 0730 EST. (LBG)
- 1200 CFFB Canada, Northwest Territory, Frobisher s/on with definite call ID 0111

- MM 12/15 just after WOAI concluded test of auxiliary transmitter. (LGB)
- 1214 BBC England, in fair with readable audio around 0130 MM 12/15, the best of the several TAs noted. Hets only on 665, 755, and 764 at the time. (LGB)
- 1375 ... St. Pierre and Miquelon surely the one s/on 0500 MM 12/15. Had strong carrier, but audio just didn't reach readability threshold. (LGB)
- 1613 RAB Guatemala, Rabinal with morse code at 0430-0440 GMT. Verification card of mine from 1967 list this one as 1000 watts. Distinctive RAB letters in Morse Code repeated over and over throughout transmission. 12/14. (KOL) (Kurt, I believe, although I haven't checked the editorial policy, that we restrict reports to broadcasting stations, not utility or beacons.
- West Coast
- 660 ??? UnID SS fighting WNBC unsuccessfully 0545 12/15. HJJM? (AWP)
- 880a ??? UnID station here in Chinese 0340 12/7, very poor. I suspect the Russian on 881. What do you think, FJP? Are they heard here in WCNA? I heard them when in Alaska in 1966. (FM) (There are 2 Chinese stations listed for 880, Pat. Ed)
- 690 KKUA Hawaii, Honolulu in strong over CBU/XETRA on 12/11 from 1000 until fade at around 1130, with rock music. (FM)
- 780 ZBVI British Virgin Islands, Road Town was in spectacularly at s/on 0458:43 to 0502 tuneout 12/15. Completely overrode Barbados. Local KCBS tried its best to knock ZBVI out, but no such luck, fortunately. Best signal ever (S9), joyously reported. (AWP)
- 890 VILH Fiji, Lautoka with very good signals, in language at 0430 on 12/7. (FM)
- 1020 ZCO Tonga, Nuku'alofa in good at 0400 on 12/7. Beautiful ID. Report sent this time. Hawaiians were also good on 12/7. (FM)
- ??? UnID SS station mixed with Tonga at 0445 on 12/7. Is YVSF on at that time? I suspect then, if they are. (FM)
- 1025 ??? UnID SS here with deep fades at 0437 on 12/7. Radio Nacional ID at 0444 then fade. Any ideas? How about HOU, are they one? (FM) (HOU uses "La Voz de Baru" as their ID, I believe, Pat. Ed)
- 1040 HJ.. Colombian here with Colombian ID at 0415 12/7. I suspect HJCJ. Faded at 0421. (FM)
- 1190 JO.. Japan, NHK station here at 0500 with ID, faded. Couldn't catch location. I think I was probably JOQB though. Report sent to NHK. 12/7. (FM)
- 1210 JOOR Japan, Osaka mixed with KZOO at 0530 12/7. (FM)
- 1420 XEXX Mexico, Tijuana, B.C.N. new Mexican heard poorly at 0330 12/8. SS call letters given. Are they really 2 kw? Directional? (FM)

Verifications

- 580 WKAQ Puerto Rico, San Juan v/l survey and 2 decals from Reinaldo Royo, Jr., Station Manager, in 2 weeks. One decal has "WKAQ-1922-5th in the world, 2nd in Latin America." Interesting. (AMG)
- 740 YVNC Colombia, Maracaibo with printed QSL card for 12/30/68 report, no v/s. (LGB) (Whoops, my mistake, should be Venezuela! Ed)
- 880 HJGE Colombia, Bucarananga sent very friendly v/l (v/s Jorge Sorzano B., Gerente) for 11/11 report. QRA: Apartado Aereo 572. Enclosed pennant and brochure. (LGB)
- 960 HJHN Colombia, Barranquilla same foldout v/q as everyone else. (AMG)
- 1025 HJER Colombia, Cali sent friendly v/l for 11/4 report, signed by Jair Serna. Specifies 10 kw, with ERP of only 6.5 kw! QRA: Apartado Aereo 7296. (LGB)
- 1097 EFEL4 Spain, Madrid sent specific bilingual QSL card for reception of 11/1. No v/s but specifies 20 kw. Enclosed a picture postcard of their antenna and a small but pretty pennant. New country, and only reply from 9 TA reports this fall. (LGB)
- 1394 ... Albania, Tirana v/q in two months via registered mail. (AMG)

List of reporters from this issue (and end of list from last issue) held over till next week, along with a couple of articles on hand. Keep up the good work of reporting! It makes my job a lot easier (and a lot harder also) when there are a lot of reports. A lot of good DXing in 1970!

1970 IRCA Frequency Check List

Note: Please read the key to symbols and other pertinent information that appear on the last page of this list. All times are EASTERN STANDARD TIME.

	<u>FIRST</u>	<u>MONDAY</u>		
0000-0015	*WFTC	NC	960	TC
-0030	*WTLB	NY	1310	TO±
	*WPLB	Mich	1380	T
0015-0030	@WPAL	SC	730	T φ
	*WGHN	Mich	1370	T
0030-0045	WLLL	Va	930	T
	-WGHM	Me	1150	Q
	*WZKY	NC	1580	T
0045-0100	*WEVA	Va	860	TM
0100-0110	*KDLM	Minn	1340	T
-0115	WEZQ	Ala	1300	T
	WFHK	Ala	1430	T
	WFLB	NC	1490	TM
	WBAZ	NY	1550	
0115-0130	*KVSH	Neb	940	T
	*KNOX	ND	1310	T
	*WRDW	Ga	1480	M
0130-0145	*KWKY	Ia	1150	T
	*WEED	NC	1390	T
0200-0215	*WQUA	Ill	1230	O
	*WRMG	Ala	1430	t &
-0220	-WCLO	Wis	1230	TM
0215-0230	KEOS	Ariz	690	T
	*WINU	Ill	1510	T
	*KVIO	Ariz	1600	T
0220-0235	WGOW	Tenn	1150	M
0230-0245	*KENT	Ariz	1340	T
	*KBTA	Ark	1340	T
0235-0250	WBOW	Ind	1230	T
0245-0300	*KGHL	Mont	790	T \$
	-KENN	NM	1390	T
	*WEOK	NY	1390	T
	*KDXU	U	1450	T
0300-0315	@*KQIK	Ore	1230	T
	*KAWT	Ariz	1450	T
	@KDB	Cal	1490	T
-0330	@*KAAA	Ariz	1230	T
	@*KDBM	Mont	1490	TC\$
0305-0320	*KBUN	Minn	1450	T
0315-0330	KLCB	Mont	1230	T
	*KVAC	Wash	1490	TC
0330-0345	-KGVW	Mont	630	T \$
	@*KLYQ	Mont	980	T φ
	*KXXL	Mont	1450	T #
	@*WWXL	Ky	1450	T
0345-0400	@KLAV	Nev	1230	T
	@KYLT	Mont	1340	T
0400-0430	@*KSUB	U	590	T
	KWYS	Mont	920	T
0415-0430	KWCB	Ark	1300	T
0455-0510	-KGMR	Ark	1500	
0515-0530	WRIE	Wis	1340	T
0600-0615	@*KNIT	Tex	1280	TC
	@*KBAN	Tex	1410	TC
0615-0630	@KSOX	Tex	1240	T
	@*KSWA	Tex	1330	TC

0630-0645	@KIUN	Tex	1400	T #
	@KPSO	Tex	1260	T S
	@KRUN	Tex	1400	TC
0645-0700	@KREH	La	900	T
	@KGRI	Tex	1000	T
	@KDLA	La	1010	T
Symbols: &	Monday after 1st Sunday			
±	Monday after last Sunday			

	<u>FIRST</u>	<u>TUESDAY</u>		
0000-0015	@*WUOK	Md	1270	T &
	@WHVL	NC	1600	T &
-0035	-WNHV	Vt	910	TM
0010-0030	@WSNJ	NJ	1240	T &#
0030-0045	@*WWYO	WVa	970	T &
	@*WJMA	Va	1340	T &%
	*WAFT	Mich	1480	T
0045-0100	@WRGM	Va	1540	T &
0100-0115	KCJB	ND	910	T
0115-0130	*KVOL	La	1330	T
0130-0145	@WMTD	WVa	1380	T &\$
0145-0155	*KWRF	Ark	860	T
0200-0210	@WLAN	Pa	1390	T &
0215-0230	KINO	Ariz	1230	T
	@*WFBG	Pa	1290	T &
0540-0550	@KVLK	Tex	1240	T Q
0545-0600	@*KSFA	Tex	860	T S
	@KDBS	La	1410	T
0615-0630	@KSLX	Tex	1230	T
	@KIRT	Tex	1580	T
0630-0635	*KDDD	Tex	800	T
Symbol: &	Tuesday after 1st Monday			

	<u>FIRST</u>	<u>WEDNESDAY</u>		
0100-0115	WTVB	Mich	1590	T
0115-0130	*KJSK	Neb	900	T
0130-0145	@*WGRA	Ga	790	M
	@WFLI	Tenn	1070	M
	-KMO	Mo	1240	T
0330-0345	@WHEP	Ala	1310	M
0345-0400	@*WEAG	Tenn	1470	t
0400-0415	WSKT	Tenn	1580	t
0415-0430	@*KANE	La	1240	T

	<u>FIRST</u>	<u>THURSDAY</u>		
0000-0015	*VPTS	Pa	1540	T
0100-0115	*WPAD	Ky	1450	T
0130-0145	*WABO	Miss	990	T
	KNOP	Neb	1410	
0200-0215	@WMFC	Ala	1360	M
0215-0230	@WCNH	Fla	1230	t
0300-0330	@KRAM	Nev	1340	T
0315-0330	@KRDU	Cal	1130	T
0330-0345	@*WTCO	Ky	1450	T
0415-0430	@WATO	Tenn	1290	t
0500-0515	KMIS	Mo	1050	T

	FIRST	FRIDAY		
0000-0015	WHGR	Mich	1290	
	@*WHBG	Va	1360	T &
0015-0030	@*WWBZ	NJ	1360	T &
	@WSLT	NJ	1520	T &
-0035	WNLK	Conn	1350	TM
0030-0045	@WTTM	NJ	920	T &
	@WHUM	Pa	1240	T & \$
0045-0100	@WJJZ	NJ	1460	T & #
	@*WGOE	Va	1590	T &
0100-0115	*KFVS	Mo	960	T
	@*WCBG	Pa	1590	T &
0115-0130	*WDAN	Ill	1490	T
0125-0140	-KFCB	SD	1380	
0130-0145	WEPM	WVa	1340	T
	@WNNJ	NJ	1360	T &
	KORN	SD	1490	T
0140-0155	*WRDE	Wis	1400	T
0200-0215	*KGAK	NM	1330	T
	@WFFF	Miss	1600	t
0205-0220	*KVOX	Minn	1280	T
0215-0230	@*WFHG	Va	980	M
	KSLV	Colo	1240	T
0230-0300	*KDIX	ND	1230	T
0315-0330	@*WRBN	Ga	1600	t
0330-0345	@*WLSI	Ky	900	T
	@*WBNT	Tenn	1310	t
	@*WRON	WVa	1400	T
0345-0400	@*WWGS	Ga	1430	t
0445-0500	@WGOK	Ala	900	t
0500-0515	-WNVA	Va	1350	T
	*WAMY	Miss	1580	t
0515-0530	KXJK	Ark	950	T
Symbol: & Friday after 1st Thursday				

	FIRST	SATURDAY		
0000-0015	@*WSFC	Ky	1240	T
0030-0045	WOTT	NY	1410	T
0100-0115	@KAPE	Tex	1480	T
	KNDY	Kan	1570	
-0130	*WBRN	Mich	1460	T
0115-0130	@KRIO	Tex	910	T
	@KSNY	Tex	1450	T Q
	*WSHN	Mich	1550	T
0120-0135	-WYNX	Ga	1550	T
0130-0145	-WKPR	Mich	1420	T
0145-0200	-KEYD	ND	1220	T
	-WDOW	Mich	1440	
0150-0205	*KOLY	SD	1300	T
0200-0220	*WCBY	Mich	1240	T
-0230	WBYS	Ill	1560	M
0245-0300	WLST	NC	1240	T
	*KSLM	Mo	1400	T
0300-0315	@*WIRV	Ky	1550	T
0315-0330	@*WRVK	Ky	1460	T
0330-0345	@*WSWV	Va	1570	T
0345-0400	@WPKE	Ky	1240	T
0400-0415	@*WEZJ	Ky	1440	T
	@*WCSV	Tenn	1520	T
0415-0430	@WEGN	Ky	1340	T
	@*WKDO	Ky	1560	TM

0430-0445	@*WPRT	Ky	960	T
	@*WANY	Ky	1390	T
0445-0500	-WFYC	Mich	1280	T
	@*WDOC	Ky	1310	T
	@WMOV	WVa	1360	T
0530-0545	*WHIS	WVa	1440	T

	FIRST	SUNDAY		
0100-0115	*KCIH	Ia	1380	T
	KDEX	Mo	1590	
0115-0130	*WMAY	Ill	970	
	*KCCR	SD	1240	T
0130-0145	-KJLT	Neb	970	TM
0145-0200	*KICX	Neb	1360	T
0245-0300	WBLE	Miss	1290	T

	SECOND	MONDAY		
0000-0015	*WGMF	NY	1500	T
-0020	*WMNC	NC	1430	M /
-0030	*WVNJ	NJ	620	T
0020-0035	*WATS	Pa	960	
0100-0115	*WELI	Conn	960	T
	-WOOD	Mich	1300	T
-0120	*KIJV	SD	1340	T
0105-0115	*WVMT	Vt	620	T
0110-0125	-WXCO	Wis	1230	T
	WKYE	Tenn	1550	T
0115-0130	*WCAZ	Ill	990	T
	WIGH	Wis	1490	
0125-0140	-KWEL	Tex	1600	T \$
0130-0145	KRIG	Tex	1410	
-0200	*KXRA	Minn	1490	T
0200-0210	*KKGF	Mont	1310	T
-0215	*WLXY	O	1260	T
	-KWGH	Tex	1290	T
	*WRMG	Ala	1430	t &

0215-0230	KEOS	Ariz	690	T
	WKNX	Mich	1210	T
	WDOV	Del	1410	
0245-0300	*KOYN	Mont	910	TM
	-WTYM	Mass	1600	
0300-0315	*KVEG	Nev	970	T
-0330	@KELY	Nev	1230	T %
0305-0320	@KLUC	Nev	1140	T
0315-0330	@KORK	Nev	920	T %
0330-0345	KGWV	Mont	630	T
-0400	@*KSVC	U	980	T #
0345-0400	*KPRK	Mont	1340	
0415-0430	-WCGO	Ill	1600	T
0420-0435	*KARR	Mont	1400	T \$
0515-0530	KFSA	Ark	950	T
0600-0615	*KRBB	Okla	1560	T
0750-0800	@KINN	NM	1270	T +
Symbols: + 2nd Monday or 2nd Saturday				
/ Monday after 2nd Sunday				
& Monday after 1st Sunday				

Report the checks you hear this season to the DX Roundup, and help make the 1971 IRCA List more accurate!

		<u>SECOND TUESDAY</u>		
0000-0015	@*WUOK	Md	1270	T &
	@*WEET	Va	1320	T /
	@*WTHU	Md	1450	T /
	@WHVL	NC	1600	T &
0010-0030	@WSNJ	NJ	1240	T &#
0015-0025	@WGAI	NC	560	T /\$
-0030	@WANT	Va	990	T /
	WBVM	NY	1550	T
	*WPUV	Va	1580	T
0030-0035	*WEMB	Tenn	1420	
-0045	@WVYO	WVa	970	T &
	@WJMA	Va	1340	T &%
	@WFLS	Va	1350	T /!
0045-0100	@*WFTR	Va	1450	T /%
	@WRGM	Va	1540	T &
-0110	*WCNC	NC	1240	T
0100-0115	KJBC	Tex	1150	T
	@WVNB	NJ	1440	T /
	*KLWW	Ia	1450	T
	@*WREL	Va	1450	T /
	-WTTB	Fla	1490	T
	*WGEZ	Wis	1490	T
0110-0120	*WTID	Va	1270	
0115-0130	@WBUD	NJ	1260	T /
	*WCVA	Va	1490	T
0130-0145	*WBOB	Va	1360	T
	@WMTD	WVa	1380	M &\$
0145-0200	*KCHR	Mo	1350	T
	@WAZL	Pa	1490	T /
0200-0207	@WFPG	NJ	1450	T /
-0210	@WLAN	Pa	1390	T &
-0215	KTCB	Mo	1470	M
-0220	-KVCK	Mont	1450	TM
0205-0215	@WILK	Pa	980	T /
0215-0220	@WFBG	Pa	1290	T &
-0230	*KDLS	Ia	1310	T %
	@WAWZ	NJ	1380	T /
0230-0245	KRZE	NM	1280	T
0245-0300	*KRAL	Wyo	1240	T
0300-0315	WAAC	Ind	1300	T
	KVRS	Wyo	1360	T

Symbols: & Tuesday after 1st Monday  
/ Tuesday after 2nd Monday

		<u>SECOND WEDNESDAY</u>		
0000-0015	WIDG	Mich	940	T
0100-0115	*WHYD	Ga	1270	t
	KEYE	Tex	1400	T
0125-0140	*KTDL	La	1470	
0130-0145	@*WFLI	Tenn	1070	M
	*KDTH	Ia	1370	T
0145-0200	*WHUB	Tenn	1400	T
0200-0215	KFYN	Tex	1420	T
	-WCLS	Miss	1460	t
0215-0230	@*WATM	Ala	1590	TM
0220-0230	@KOJM	Mont	610	T
0230-0245	*WMOX	Miss	1010	t
0245-0300	*WBEJ	Tenn	1240	tC
0330-0345	*WDEB	Tenn	1500	t
0345-0400	@*WMOC	Tenn	1450	t

0400-0415	@WNER	Fla	1250	M
0430-0445	*WSOY	ILL	1340	T
0500-0515	-WAMI	Ala	860	

		<u>SECOND THURSDAY</u>		
0000-0030	*WOTR	Pa	1370	T
0110-0120	@*KEDD	Kan	1550	T \$
0115-0130	WLSD	Va	1220	M
0130-0145	@*WMIK	Ky	560	t
0200-0215	-WELC	Tenn	1360	t
	@*WPCF	Fla	1430	t
0215-0230	@WYXI	Tenn	1390	M
0245-0300	WFBR	Md	1300	M
0300-0315	@*WEHB	Ga	1240	T
0330-0345	@*WKXV	Tenn	900	t
	@WFLW	Ky	1360	T

		<u>SECOND FRIDAY</u>		
0000-0015	@*WHBG	Va	1360	T &
	*WNJH	NJ	1580	T
-0030	-WJLK	NJ	1310	
0015-0030	@WNBZ	NJ	1360	T &
	@WSLT	NJ	1520	T &
0030-0045	@WTTM	NJ	920	T &
	@WHUM	Pa	1240	T &\$
0045-0100	@WJJZ	NJ	1460	T &#
	@WGOE	Va	1590	T &
0100-0115	KXIT	Tex	1410	T
	@*WCBG	Pa	1590	T &
0115-0130	*KOKX	Ia	1310	T
0130-0145	@WNNJ	NJ	1360	T &
0200-0215	*KFJM	ND	1370	T
	-WDEN	Ga	1500	t
0210-0220	@KCOW	Neb	1400	T /
0215-0230	*KFJB	Ia	1230	T
-0245	*WLIQ	Ala	1360	
0230-0245	@*WSEL	Miss	1440	t
0300-0315	@WAEW	Tenn	1330	M
0315-0330	@*WBTH	WVa	1400	t
	WLPH	Ala	1480	T
0330-0345	@*WTLO	Ky	1480	T
0400-0415	@*WRIP	Ga	980	t
0545-0600	KMON	Mont	560	T
	KECK	Neb	1530	T #

Symbols: / 2nd or 3rd Friday, March & December only  
& Friday after 1st Thursday

		<u>SECOND SATURDAY</u>		
0100-0115	WRIC	Va	540	T
0110-0120	@*KNLV	Neb	1060	T
	@KNBI	Kan	1530	T
0115-0130	WRIN	Ind	1560	
	*WCCR	ILL	1580	T
0120-0130	@*KBRB	Neb	1400	T
0130-0145	*KJEF	La	1290	T
0200-0215	*KDCE	NM	970	T
0210-0220	@*KIMX	NM	1450	T
0220-0230	@KBHB	SD	810	T /
	@KBLL	Mont	1240	T

(Continued next page)

SECOND SATURDAY (Cont'd)

0220-0245	@KBRR	Colo	1230	T
0230-0240	@KROE	Wyo	930	T +\$
	@KMIN	NM	980	T +\$
-0245	*KGRT	NM	570	T
0400-0415	@WSIP	Ky	1490	T
0415-0430	@WYWY	Ky	950	T
	@WAFI	Ky	1560	T
0430-0445	@WTRE	Ind	1330	T
0445-0500	@WFTM	Ky	1240	T
0500-0515	@WHIC	Ky	1520	T
0520-0535	*KLPM	ND	1390	T
0530-0600	-KUSD	SD	690	T
0600-0615	KAWL	Neb	1370	φ
0750-0800	@KINN	NM	1270	T +

Symbols: / 2nd Saturday or 2nd Wed.  
+ 2nd Monday or 2nd Saturday  
± 2nd or 3rd Saturday

SECOND SUNDAY

0030-0045	WKIC	Ky	1390	T
0100-0115	*KLPW	Mo	1220	T
	*KSCJ	Ia	1360	T
0115-0130	WBBS	NC	1290	TM
0130-0145	KGHM	Mo	1470	
0200-0215	*KALO	Ark	1250	T
-0230	KDDA	Ark	1560	T
0230-0245	*WBFJ	Tenn	1540	t
0530-0545	@*WCBL	Ky	1290	T
0545-0600	@WLCK	Ky	1250	T
0650-0700	@WVJS	Ky	1420	T

THIRD MONDAY

0000-0020	-WMNC	NC	1430	M /
0015-0030	@*WEBQ	Ga	1340	T
0030-0040	@*WYB	SC	1450	T
-0045	WYMN	SC	540	T
	WKCY	Va	1300	T
	WISE	NC	1310	T
	WKAP	Pa	1320	T
0040-0050	@*WDXY	SC	1240	T
0045-0100	*WTOB	NC	1380	TO
	*WBHN	NC	1590	
0050-0100	@*WYMB	SC	1410	T
0100-0115	@*WCOK	NC	1060	M
	*WDEC	Ga	1290	M
	-WSIZ	Ga	1380	M
	*WKYE	Tenn	1550	T
0105-0120	*KXEO	Mo	1340	T
0115-0130	@WGAU	Ga	1340	T
	*WGNE	Fla	1480	M
	*WNKY	Ky	1480	T
-0135	*WDIC	Va	1430	T
0120-0135	*WVNS	Ga	1240	T
0130-0140	*WSLV	Tenn	1520	M
-0200	*WTYN	NC	1550	M
0140-0150	*WJPF	Ill	1340	T
0145-0200	-WQSN	SC	1450	T
	@WHSC	SC	1450	T

0200-0215	*KWLA	Ia	1530	t
	-KXLO	Mont	1230	T
	*KWYO	Wyo	1410	T
	*WAAO	Ala	1530	M
	WAAM	Mich	1600	
-0230	WRPM	Miss	1530	M
0210-0225	*WDTM	Tenn	1130	t
0215-0230	*KHDN	Mont	1230	T
	*WCLC	Tenn	1260	M
	-WVMG	Ga	1440	
0220-0230	*KXLR	Ark	1150	T
0230-0245	-WXTI	Ga	1230	T
-0250	*KPUR	Tex	1440	T
-0300	*KGPC	ND	1340	T
0245-0300	WOIO	O	1060	T
	*WHSY	Miss	1230	t
0300-0310	*KPAL	Cal	1450	T
-0315	*KUDI	Mont	1450	T
0315-0330	-WRIT	Wis	1340	T
	*WBTS	Ala	1480	TM
0330-0345	-WDXL	Tenn	1490	
-0400	*WBIR	Tenn	1240	t
0345-0400	KATL	Mont	1340	T
0350-0405	-WTPR	Tenn	710	T
	*WNOO	Tenn	1260	M
0500-0515	@KCCCT	Tex	1150	M
0515-0530	@*KSET	Tex	1340	T
	@*KVOP	Tex	1400	T
	@KNET	Tex	1450	T 1
0530-0545	@KVOU	Tex	1400	T 1 Q
	@KIBL	Tex	1490	TC
0545-0600	@WMMH	NC	1460	T
	*WTZE	Va	1470	
0550-0600	@KWKC	Tex	1340	T
0615-0630	@*KLLA	Ia	1570	T
0630-0645	@*KEPS	Tex	1270	T
	@*KTXJ	Tex	1350	T
	*WOKZ	Ill	1570	T
0645-0700	@*KBRZ	Tex	1460	T
	@KWRD	Tex	1470	T
	*KOLS	Okla	1570	T
0700-0715	KFTV	Cal	1360	M
-----	@KSNO	Colo	1260	T +#

Symbols: / Monday after 2nd Sunday  
+ 10 minutes before local sunrise in Aspen until s/on

THIRD TUESDAY

0000-0015	@WTHD	Del	930	T &
	@WEET	Va	1320	T /
	*WMLT	Ga	1330	
	@WTHU	Md	1450	T /
	*WISL	Pa	1480	T
0010-0025	*WGAP	Tenn	1400	T
0015-0025	@WGAT	NC	560	T /\$
-0030	-WMGR	Ga	930	M
	*WSEV	Tenn	930	T
	@WANT	Va	990	T /
@*WABH		Va	1150	T &
@WAHT		Pa	1510	T &

(Continued next page)



THIRD TUESDAY (Cont'd)

0030-0045	*WVOP	Ga	970	M
	@WELK	Va	1010	T & %
	@WFLS	Va	1350	T / 1
	@*WSGO	NY	1440	T & ±
0045-0100	@*WFIG	SC	1290	T
	@*WFTR	Va	1450	T / %
	@WHOL	Pa	1600	T &
0100-0115	@*WGUS	SC	1380	T
	KCLN	Ia	1390	φ
	@WVVB	NJ	1440	T /
	@*WREL	Va	1450	T /
	*KPLC	La	1470	T
	-WEHH	NY	1590	
	-KCBD	Tex	1590	
-0120	*WLOV	Ga	1370	M
0115-0130	@WBUD	NJ	1260	T /
	-KNOC	La	1450	
	*WVNA	Ala	1590	M
0125-0140	*KBRX	Neb	1350	T
0130-0145	-KRIH	La	990	
	@WSGO	NY	1440	T &&
0145-0200	@WAZL	Pa	1490	T /
0200-0207	@WFPG	NJ	1450	T /
-0230	*WEAS	Ga	900	T
	KBJM	SD	1400	T
0205-0215	@WILK	Pa	980	T /
0215-0230	@WAWZ	NJ	1380	T /
0220-0230	@KTHE	Wyo	1240	T + 1
0230-0245	WFPA	Ala	1400	M
	*WGEN	Ill	1500	
0245-0300	*KFGO	ND	790	T
0320-0335	*WENK	Tenn	1240	T
0330-0400	*XEK	Tam	960	M
0420-0440	-WNCG	SC	910	T
0600-0615	@KODA	Tex	1010	T
	@KMBL	Tex	1450	TC
0615-0630	*KCFI	Ia	1250	
	@KJWH	Ark	1450	TC

Symbols: / Tuesday after 2nd Monday  
 & Tuesday after 3rd Monday  
 & July and October only  
 + 3rd Tuesday or 3rd Thursday  
 ± January and April only

THIRD WEDNESDAY

0015-0030	-WATN	NY	1240	M / φ
0100-0115	*WCCN	Wis	1370	
	-KRIG	Tex	1410	
0105-0115	@KTEO	Tex	1340	T &
-0120	@*KTOD	Tex	1590	T &
0110-0125	@KOZA	Tex	1230	T &
	@KPEL	La	1420	T &
0115-0130	@KURV	Tex	710	T &
	@*KWBA	Tex	1360	TC&
	@KEBE	Tex	1400	T &
	@KBEN	Tex	1450	T & S
0120-0135	@KCAN	Tex	1550	T & Q
0125-0140	@KIXZ	Tex	940	&
0130-0145	@*WFLI	Tenn	1070	M

@KDLK	Tex	1230	T &	
@KLLAR	Tex	1300	T &	
0200-0215	KRBC	Tex	1470	T
	@*WKBJ	Tenn	1600	t
-0220	WTHB	Ga	1550	T
0210-0220	@KKAT	NM	1430	T +
0215-0230	WFBF	Fla	1570	t
	@KINT	Tex	1590	T &
0220-0230	@KBHB	SD	810	T ±
0300-0315	@WTYS	Fla	1340	t
	WERA	NJ	1590	
0320-0335	KFLN	Mont	960	T
0400-0415	*WFLX	Ala	1450	t

Symbols: / Wed. after 3rd Tuesday  
 & Wed. after 3rd Saturday  
 + 3rd or 4th Wednesday  
 ± 2nd Saturday or 3rd Wed.

THIRD THURSDAY

0000-0005	WWDR	NC	1080	!
0100-0115	*WJZM	Tenn	1400	T
0105-0120	-KSEK	Kan	1340	
0115-0130	*WDEH	Tenn	800	t
0130-0145	*WMSL	Ala	1400	T
0135-0200	*WDXI	Tenn	1310	T
0145-0200	@*WBOP	Fla	980	t
0200-0215	*WCPM	Ky	1280	T
0210-0220	@KDGO	Colo	1240	T + φ
	@KDRG	Mont	1400	T φ
0215-0230	@*WTJS	Tenn	1390	t
	WFBF	Fla	1570	t
0220-0230	@KTHE	Wyo	1240	T & !
0230-0245	KEZU	SD	920	
	KZIP	Tex	1310	T
0300-0315	@WAGF	Ala	1320	M
	@KYOR	Cal	1450	T
-0330	@KNOT	Ariz	1450	T
0315-0330	@KDHI	Cal	1250	T
0400-0415	@WHOC	Miss	1490	t
0415-0430	@WRKH	Tenn	580	t

Symbols: & 3rd Tuesday or 3rd Thurs.  
 + 3rd Thursday or 3rd Sat.

THIRD FRIDAY

0000-0015	@*WBCI	Va	740	T &
	@WWDR	NC	1080	T & %
-0020	-WERA	NJ	1590	T \$
-0030	WSCO	Mich	1230	
0010-0025	*WFOY	Fla	1240	T
-0030	-WKLA	Mich	1450	
0020-0035	*WLYB	Ga	1250	
0030-0045	@*WAFB	Va	900	T & \$
0045-0100	@*WSIG	Va	790	T &
	*WMNS	NY	1360	T
0100-0115	*KGHS	Minn	1230	T
	WKYZ	Tenn	1250	T
	@*WBBK	Ga	1260	t
	-WFLR	NY	1570	TM
-0130	*KWVY	Ia	1470	

(Continued next page)

THIRD FRIDAY (Cont'd)

0105-0120	*WTIQ	Mich	1490	T
	*KBUR	Ia	1490	
0115-0130	*KAGH	Ark	800	
0125-0140	*KABR	SD	1420	T
0130-0145	*WLET	Ga	1420	T
0210-0220	@KWIV	Wyo	1050	T +
	@KCOV	Neb	1400	T /
0230-0245	@WSCM	Fla	1290	t
0245-0300	@*WKCU	Miss	1350	t
0300-0330	WLOA	Pa	1550	t
0615-0630	KFOR	Neb	1240	

Symbols: & Friday after 3rd Thursday  
 / 2nd or 3rd Friday in March & December only  
 + 3rd Friday or 3rd Sat. in March & September only

THIRD SATURDAY

0000-0015	*WMCS	Me	1400	T
0015-0030	-WKJR	Mich	1520	T
0030-0045	*WBHC	SC	1270	T
0040-0050	WKYZ	Tenn	1250	
0100-0115	*WKAM	Ind	1460	T
0105-0120	@KAOK	La	1400	TC
	-WLIJ	Tenn	1580	T
0110-0125	@KABH	Tex	1510	T
0115-0130	@*KPAC	Tex	1250	T
0130-0150	-WDSU	La	1280	T
0135-0150	*KCNI	Neb	1280	T
0145-0200	*WAKX	Wis	970	T
0200-0215	KSRC	NM	1290	T
0205-0220	@*KIZZ	Tex	1150	T
0210-0220	@KWIV	Wyo	1050	T /
	@*KDGO	Colo	1240	T +φ
-0225	@KWMC	Tex	1490	TC
-0230	@KEXO	Colo	1230	T \$
0215-0230	@*KALG	NM	1230	TC
	@KRRR	NM	1340	T S
0220-0230	@KSRA	Id	960	T & %
	@KGMV	Mont	1450	T \$
	@KGOS	Wyo	1490	T \$
-0240	@KBAD	NM	740	T & \$
0230-0240	@*KROE	Wyo	930	T ±\$
0305-0320	@KEEE	Tex	1230	T

Symbols: & 3rd or 4th Saturday  
 / 3rd Friday or 3rd Sat. in March & September only  
 + 3rd Thursday or 3rd Sat.  
 ± 2nd or 3rd Saturday

THIRD SUNDAY

0100-0105	*KGLO	Ia	1300	T
0115-0130	*KFPW	Ark	1230	T
	*KILO	ND	1440	
0200-0215	WYOU	Fla	1550	
0210-0220	@KDTA	Colo	1400	T \$
0500-0515	-KDLR	ND	1240	T
0615-0630	@*KDXI	La	1360	T &
0650-0700	@*KINE	Tex	1330	T &

Symbol: & Sunday after 3rd Saturday

FOURTH MONDAY

0000-0015	@*WCMS	Va	1050	M
-0030	*WTLE	NY	1310	TO+
0015-0030	@*WYNS	Pa	1150	T &
0030-0045	@*WNAK	Pa	730	T
	@WPPA	Pa	1360	T
0045-0100	@*WTON	Va	1240	T
0100-0115	@KILE	Tex	1400	T
	@WCPK	Va	1600	M
-0130	WDCJ	Fla	1220	t
	WIGM	Wis	1490	TM
0105-0120	@*KSYL	La	970	T
0110-0130	*KSTT	Ia	1170	T
0115-0130	@*KWFR	Tex	1260	T %
	@KPDN	Tex	1340	T
	@WRAK	Pa	1400	T \$
0120-0135	*KLMS	Neb	1480	T
0130-0145	@WYNS	Pa	1150	T &
	@WHAT	Pa	1340	T \$
	*WCVS	Ill	1450	T
-0200	*WLDY	Wis	1340	T
0140-0155	@WOAI	Tex	1200	M /
0145-0200	WEBB	Md	1360	O
	@WHIH	Va	1400	T
	@WBCB	Pa	1490	T
0200-0215	WJKY	Ky	1060	L
	@KHAP	NM	1340	T
	@*WFEC	Pa	1400	T
	*KGIW	Colo	1450	T #
	WRPM	Miss	1530	M
-0230	*WEVE	Minn	1340	T
0205-0220	@*KHEY	Tex	690	T
0210-0220	@KSIL	NM	1340	T φ
0215-0230	@WARM	Pa	590	T !
	-KAPE	NM	810	
0220-0235	WPNX	Ala	1460	L
-0240	@KCLV	NM	1240	T \$
0230-0245	@WEEX	Pa	1230	T
	WMIS	Miss	1240	
0240-0255	*WXCL	Ill	1350	T
0245-0300	@WPAZ	Pa	1370	T #
	KGFF	Okla	1450	TM
0255-0310	*KVRA	SD	1570	T φ
0300-0315	-KJBC	Tex	1150	TM:
	@KVEN	Cal	1450	T
	WLEN	Ga	1500	T
-0330	KVAS	Ore	1230	
	@KENO	Nev	1460	
0330-0345	*KLTZ	Mont	1240	T #
	*KTNM	NM	1400	T \$
0345-0400	@WNOR	Va	1230	T
0400-0415	*KLEO	Kan	1480	T
	WFAD	Vt	1490	T
0415-0430	@WKBO	Pa	1230	T
0430-0445	@*WAMS	Del	1380	T
0440-0455	@*WHUN	Pa	1150	T L
0445-0500	@*WCDL	Pa	1440	T
0500-0505	@WTVR	Va	1380	T
-0515	@*WJDY	Md	1470	T

(Continued next page)

FOURTH MONDAY (Cont'd)

0500-0530	@KTOO	Nev	1280	T
	@KEMI	Nev	1400	T
0515-0530	*KCRS	Tex	550	T
	*WYDE	Ala	850	T
	@*WFLN	Pa	900	T %
0525-0540	@WANV	Va	970	T
0530-0540	*KTHS	Ark	1480	T
-0545	@*WBFD	Pa	1310	T
0545-0600	*WGIL	Ill	1400	T
0600-0615	KQWB	ND	1550	T L
0645-0700	KCRV	Mo	1370	T

Symbols: / Aux. transmitter - 5000 w.  
 & May, July, Sept. only  
 & Jan., March, Nov. only  
 + Monday after last Sunday

FOURTH TUESDAY

0000-0015	@WTHD	Del	930	T &
-0030	*WCOJ	Pa	1420	
0015-0030	@*WSKE	Pa	1050	T /
	@WABH	Va	1150	T &
	@WAYB	Va	1490	T /
	@WAHT	Pa	1510	T &
0030-0045	@WELK	Va	1010	T & %
	@WSGO	NY	1440	T & +
0040-0055	WGML	Ga	990	
0045-0100	@WHOL	Pa	1600	T &
0050-0105	-WLIK	Tenn	1270	TO
0100-0115	@WEPN	Pa	1600	T /
0115-0130	@WCHE	Pa	1520	T /
0130-0145	WLIX	NY	540	
	@WSGO	NY	1440	T &&
	@*WRAN	NJ	1510	T /
0200-0215	KLIN	Neb	1400	T
0205-0215	@WILK	Pa	980	T /
0215-0230	*WTAX	Ill	1240	
0245-0300	*KWAK	Ark	1240	
0430-0445	-WHJC	WVa	1360	T

Symbols: & Tuesday after 3rd Monday  
 / Tuesday after 4th Monday  
 & July & October only  
 + January & April only

FOURTH WEDNESDAY

0000-0015	WHOM	NY	1480	T
-0030	*WCFR	Vt	1480	
0015-0025	-WATN	NY	1240	M / φ
0100-0110	*KCOG	Ia	1400	T
-0145	WGEA	Ala	1150	
0105-0115	@KTEO	Tex	1340	T &
-0120	@*KTOD	Tex	1590	T &
0110-0125	@KOZA	Tex	1230	T &
	@*KPEL	La	1420	T &
0115-0130	@*KURV	Tex	710	T &
	WSUI	Ia	910	T
	*WCOW	Wis	1290	T
	@KWBA	Tex	1360	T &
	@*KEBE	Tex	1400	T &
	@KBEN	Tex	1450	T & S

0120-0135	@KCAN	Tex	1550	T & Q
0125-0140	@KIXZ	Tex	940	&
0130-0145	@*WFLI	Tenn	1070	TML
	@KDLK	Tex	1230	T &
	@KLAR	Tex	1300	T &
	KVRA	SD	1570	T L
0200-0215	*KLFB	Tex	1420	T
	*KLTJ	Mo	1560	TM
-0225	*WLSM	Miss	1270	t
-0230	*KROX	Minn	1260	T
0210-0220	@KOVE	Wyo	1330	T φ
	@KKAT	NM	1430	T +
0215-0230	WOCO	Wis	1260	
	@KINT	Tex	1590	T &
0230-0245	KPOW	Wyo	1260	T
	*KHAC	Ariz	1300	T !
0245-0300	@*WJAK	Tenn	1460	t
0345-0400	@*WSNT	Ga	1490	t
0400-0415	@WOBS	Fla	1360	M
0430-0445	@*WHBT	Tenn	1600	M

Symbols: & Wednesday after 3rd Sat.  
 / Wednesday after 3rd Tuesday  
 + 3rd or 4th Wednesday

FOURTH THURSDAY

0010-0025	@WHPL	Va	610	T &
0015-0030	@*WNPV	Pa	1440	T &
0100-0115	@WRNL	Va	910	T &
0110-0125	*WSWW	Wis	1590	T
-0130	-WDKD	SC	1310	T
0115-0130	WRIZ	Fla	1550	M
0120-0135	*KWVL	Ia	1330	
	@KWFA	Tex	1500	T
0130-0145	*WDWS	Ill	1400	φ
	@WLNC	Va	1400	T & !
0145-0200	@WBCA	Ala	1110	t
0150-0205	*KRGJ	Neb	1430	T
0200-0215	-WDXN	Tenn	540	T
	*WJFC	Tenn	1480	t
0210-0225	WNVY	Fla	1230	T
0215-0230	-KCJB	ND	910	T
	@KOBE	NM	1450	T
0230-0245	@*WCMT	Tenn	1410	t
0245-0300	*WLCB	Ala	1530	T
0300-0315	*WTCB	Ala	990	
	@KONE	Nev	1450	T
0315-0330	@KSMA	Cal	1240	T
	@WRES	Ga	1570	M
0430-0445	@WRGS	Tenn	1370	M
0640-0655	*WSMI	Ill	1540	L

Symbol: & Thursday after 4th Wed.

FOURTH FRIDAY

0000-0015	@WBCI	Va	740	T &
	@WDR	NC	1080	T & %
0005-0020	*WKQW	NY	1300	TM/L
0015-0030	-WCRV	NJ	1580	TM#
0030-0045	@WAFB	Va	900	T & \$
0045-0100	@*WSIG	Va	790	T &

(Continued next page)

FOURTH FRIDAY (Cont'd)

0115-0130	*KELD	Ark	1400	
0130-0145	WMTR	NJ	1250	
	*KGVL	Tex	1400	T
-0200	WNCT	NC	1070	
	*KCHA	Ia	1580	TM
0145-0200	*KSIW	Okla	1450	T
0200-0215	WBLJ	Ga	1230	T
	@*WSAO	Miss	1550	t
0215-0230	*KPOS	Tex	1370	T
0230-0245	@WPRN	Ala	1240	M
	WJWS	Va	1370	T
0245-0300	@WOKS	Ga	1340	t
0300-0315	@WSHF	Ala	1290	M
-0330	WLOA	Pa	1550	
0445-0500	*KOKY	Ark	1440	
0530-0545	-WHOP	Ky	1230	T
0615-0630	KMCD	Ia	1570	T
Symbols: &	Friday	after 3rd Thursday		
/	Friday	after 4th Thursday		

FOURTH SATURDAY

0000-0010	WALY	NY	1420	/
-0015	WHIE	Ga	1320	T L
0110-0120	@KLIB	Kan	1470	T \$
0115-0130	-KBIZ	Ia	1240	T \$
	KSID	Neb	1340	T
	KTCS	Ark	1410	T
0130-0145	*KBRS	Ark	1340	
0140-0155	*WABD	Ky	1370	T
0145-0200	WWKE	Fla	1370	T L
0200-0215	*KWEW	NM	1480	T
-0230	WGLB	Wis	1560	T L
0215-0230	*KIML	Wyo	1270	T
0220-0230	@KURL	Mont	730	T \$
	@KSRA	Id	960	T &\$
	@KSYX	NM	1420	T #
-0240	@KBAD	NM	740	T &\$
0230-0245	*KCCC	NM	930	T
0530-0545	*WPTN	Tenn	1550	
Symbols: &	3rd or 4th Saturday			
/	Saturday	after 4th Friday		

FOURTH SUNDAY

0045-0100	WANB	Pa	1580	O
0100-0115	*KCKW	La	1480	T

0130-0145	KVKM	Tex	1330	L
0200-0215	KOLT	Neb	1320	T
0300-0315	WRPM	Miss	1530	M
0615-0630	@KDXI	La	1360	T &
0650-0700	@KINE	Tex	1330	T &
Symbol: &	Sunday	after 3rd Saturday		

1st of the Month

0000-0015	WJAB	Me	1440	T
0005-0020	*WIDE	Me	1400	T

5th of the Month

0230-0245	*KGFY	SD	1060	T \$
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30th of the Month

0100-0115	*KGMO	Mo	1550	T
0300-0315	*KHAS	Neb	1230	T %

Key to Symbols

- T Station checks with tone
- t Station checks with "dial tone"
- M Station checks with music
- O Station checks with open carrier
- C Station gives ID in Morse code
- \* Regular check per consistent reception or per verie
- @ Regular check per monitoring co.
- Q Check made quarterly (4 times/yr.)
- Q: 1, 4, 7, 10 months only
- # Q: 2, 5, 8, 11 months only
- \$ Q: 3, 6, 9, 12 months only
- S Check made every 2 months
- % S: 1, 3, 5, 7, 9, 11 months only
- ! S: 2, 4, 6, 8, 10, 12 months only
- ! Check made every 6 months
- : !: 1, 7 months only
- % !: 3, 9 months only
- L Check made last week of the month
- / ( These five symbols refer to
- & ( individual dates and are
- & ( defined there. Check the
- + ( particular date for exact
- ± ( definition.
- Experimental symbol; probably not a regular check. If you hear it, be sure to report to DX Roundup!

C-HOAX on 1605 kcs. on Baffin Island now conducts regular f/c the 4th Thursday of every seventh month following the first thaw of the spring at Frobisher Bay (where the monitor is located) from 0215-0230 EST, except when Valentine's Day falls on a Monday, in which case the f/c is made on the 2nd Saturday of the second month following Hanukkah from 0545-0600 EST unless the relative humidity at Igloolik exceeds 30%.

Frequency Check Trends

Each year the number of checks in this list decreases, and the main reason seems to be the trend for stations to rely on daytime tests. Many monitoring companies have mobile equipment and travel from town to town on a regular basis to make tests during regular programming. Increased interference from all-night stations, and the more pleasant alternative of being monitored in the day than at 0200, probably account for much of the trend. One of the monitors who has contributed regularly to this list gave up his early-morning schedules this year.

### Acknowledgements

The IRCA would like to sincerely thank the eight monitoring companies that contributed their complete schedules to this list. They include Anderson Radio Engineering Co., Frequency Measuring Service, Hutton Monitoring Service, Northwest Monitoring Service, Standard Frequency Measurements, Inc., and T & T Radio Measurement Co.

Mike Northam and Don Erickson jointly produced an alphabetic list of checks contained in the 1969 IRCA List, which greatly helped reduce repetition and assure greater accuracy. This tool proved to be extremely valuable.

The following IRCA members sent long lists of the checks they heard during the past season: George Sherman (top reporter), Mark Robinet, Ken Lyon, Jim Nall, Bob Keeney, Dave Osburn, Percy Kesteven, Don Erickson and Charles Grise.

The following IRCA members also contributed to the list: John Johnson, Father Jack Pejza, Quentin Brown, Andy Lagomarsino, Jerry Robertson, R. C. Wheeler, Bill Laferty, Bill Raczko, Brian Williams, Dennis Pimper and Bruce Bacon.

Stewart Drake of the National Radio Club contributed a long list of checks.

Material from the DX Roundup of the IRCA and the bulletin of the National Radio Club provided much of the information contained in this list.

### How to Use the IRCA Frequency Check List

Dates on this list are literal. For example, a station listed on the Second Saturday at 0100 EST means that it checks on early Saturday morning, although in the Pacific Time zone it would be 10:00 PM on the preceding Friday night.

Not all the times on the list are precise. A member may have reported hearing WTAI at 0105 EST in the DX Roundup, and it appears on the list as 0100-0115. The f/c may actually begin at 0050 or 0105 rather than 0100. KBJM may be listed 0245-0315 but may normally check 0245-0300 and remain on the air 15 minutes longer sometimes to test equipment. It's a good idea to listen to a frequency several minutes before and after the listed times to increase your chances of hearing the check.

During Daylight Savings Time (last Sunday in April through the last Sunday in October), this list can be used literally for the most part since virtually the entire country observes DST. Most stations that test at 0100 EST in December will test at 0100 EDT in June. However, please report reception in the DX Roundup in EST all year.

What are your chances of hearing a station per this list? If the station has a \* or @ in front of it, your chances are good. Stations with no symbols before the call letters are untried and are probably not regular; if they prove to be regular this season, they will appear with a \* on next year's list. Stations with a - symbol may be regular; be sure to report reception to the DX Roundup if you hear them!

There is some repetition in the list, e.g., WFBF is listed both the 3rd Wednesday and the 3rd Thursday. That's because the station was reported as heard both days and there has been no consistent regular schedule established. Probably the check is conducted one day or the other; maybe by next year we will know.

Stations that are not listed as checking with tone or music probably do test with tone. Most stations testing with "t" (dial tone) are located in the South.

If you don't hear a station at the listed time, there are several possible explanations. Perhaps interference did not permit reception, or maybe the check is made quarterly and you listened the wrong month. (Probably many of the stations in the list that don't have a Q symbol do check quarterly.) Or perhaps the listed check is not regular. A final possibility is that the station was scheduled to check but forgot to come on the air or made other arrangements with the monitor. This latter case explains why an odd make-up check may be aired by a station with a regular check, and thus is heard at a time that differs from the listed hour.

You can help make the 1971 f/c list more accurate and useful by reporting the checks you hear to the DX Roundup, whether the checks are listed this year or not. If you could send me a list of the f/c's heard but not reported in the DXR, I would be very pleased to use the information. If possible, note the full time of each check, not just the time of one ID, and note if tone or music was used. Also, ask about regular f/c schedules in your reception reports.

Please don't send a tentative report to a station if you hear a tone at the listed time but no ID. Many of the checks listed here were contributed by monitors on condition that only definite reports be sent.

### Frequency Checks Versus Equipment Tests

Occasionally in the DX Roundup an equipment test (ET) is reported as a frequency check (f/c). How do you tell the difference? First, a true f/c will rarely last longer than 15 minutes and will almost never exceed a half hour. Many ET's last for hours or are AN. Usually, stations conducting f/c identify every 1 to 5 minutes and frequently they mention the fact that it is an f/c. ET ID's are rarely made more often than every 30 minutes, or are made at sporadic times. Frequency checking stations rarely use variable tones and open carrier. ET's usually are disorganized. A f/c, on the other hand, is usually planned and executed in a logical manner. A station testing with dial tone is almost sure to be on f/c, and a tester with steady 1000 cps tone is a good indication a f/c may be in progress.

Please be sure the station you hear is conducting f/c before reporting it in the DX Roundup as such. And please use the standard abbreviations "f/c" and "r/c," which means regular check per the IRCA list.

### What Is a Frequency Check?

A f/c is a special kind of test of short duration designed to provide reception by a monitoring company that will precisely measure the frequency of the testing station.

John Tucker, the IRCA Industry Adviser, made some interesting observations about f/c's in an article by K. G. Scrimgeour entitled "A Few Extra Comments on Frequency Checks" which appeared in the IRCA publication The Principles of Broadcast Band DXing. The following material is reprinted from that article.

It is required by FCC rules that these checks be made at regular intervals (the station's engineer decides how often needed within the maximum allowable interval in the rules). In the USA, a station is allowed to drift only +20 to -20 cycles from its assigned frequency. Most stations attain  $\pm 5$  cycles stability, while some run even closer. Seldom will a station be more than 10 cps off frequency. That is, of course, done by the use of precision-cut crystals in either temperature-controlled ovens or vacuum containers. The latter is becoming the more frequent in new equipment as crystal production methods are constantly being improved. The tone (usually 1000 cps more-or-less) is merely for the convenience of determining the testing station's carrier among the many on the frequency. However, the type of modulation or even the complete absence of modulation, is of no importance whatsoever in making the test. Certain types of transmitters do not react well to continuous tone modulation (some overheat the final stages and some draw too heavily on the power supplies) and so music may well be substituted for tone. Modulation does not change the carrier frequency of an AM station, so anything or nothing may be used on a frequency check!

Monitoring stations may be any distance from the monitored broadcast station, limited only by the ability of the monitoring company to hear the station. Odd transmission quirks sometimes cause odd arrangements to be necessary. For example, a certain station in Grand Junction, Colorado (on the Colorado-Utah border) cannot be monitored in Denver because of the intervening Rocky Mountains and interference from a Denver NSP station. However, still farther east near Kansas City is a company that can monitor the station well enough to check frequency because of the first-skip characteristics.

When reporting f/c's to a station, you are pretty well up a creek. Some stations are checked during their regular broadcast periods so no special check is necessary. Those using tone modulation may often do as we have done -- a tape has been made up complete with tone and ID's and is played by whoever is unfortunate enough to be called in for the special test period. In reporting this type of test, about all taken down should be reported ... the exact time of tune-in, the exact time of ID's heard, the exact time of the end of the test.

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Copies of the 1970 IRCA Frequency Check List are available for 50¢ each postpaid from Don Erickson, 6059 Essex St., Riverside, California 92504. This list was prepared by Larry Godwin. Please send information for next year's list to me at 5421 South Clinton Court, Englewood, Colorado 80110.