



DX MONITOR

PUBLISHED BY
THE INTERNATIONAL RADIO CLUB OF AMERICA

Saturday, September 23, 1972 NEXT ISSUE 2 WEEKS VOLUME TEN NUMBER 2

TIMES in DX Monitor Domestic sections: EST during the winter and EDT during the summer.
Foreign section (DXWW): GMT all year. AZ HI Mich and Sask do not observe DST. Please report loggings in the correct time zone.

Pres.: Percy R. Kesteven - 13112 134th St. - Edmonton, Alta. CANADA T5L 1V8.

Pub.: (Dues, Address Changes, Sample Requests (50¢) & DXC) Tele: 403-454-8278.

Donald Erickson - 6059 Essex St. - Riverside, CA 92504. 714-687-5910 24 hours.

Membership Dues: (payable by check, money order, or postage stamps; Canadians please remit by Intl Money Order in US funds or Can. mint stamps) \$9.50 first class mail, \$13 air mail, \$6.50 third class mail. 3rd class not recommended.

Club Supplies: IRCA Letterheads (see announcement elsewhere) \$1.50 per 1 lb. pkg of 75+, max. 2 pkgs per member. IRCA Reception Report Forms, same price, no limit.

Bulletin Schedule: Next two issues two weeks apart, 10/7 and 10/21, then weekly.

Deadline for editors: Mondays without fail; please provide advance notice if you are unable to get your stencils in on time. Pub. should know by Monday night.

Deadline for CPC info: While we continue publishing 3 to 5 oz. bulletins, Saturday of bulletin date will likely assure timely receipt. Later on, mailing could be as early as Tuesday evenings.

Courtesy Programs Committee addresses: see page 1 of last DXM, 9/9/72. Anyone may write for gummed labels for all pertinent addresses; request 'CPC Gummed Labels'; in the meantime, a supply will also be sent to both NRC and IRCA CPC Chairmen, Jerry Starr and Randy Minnehan to send out, as they desire, to new CPCers.

Bulletin Editors: EDXR: DEE till further notice; EDXF: Brh; CDXR: RCE; CDXF: John Zondlo eff. 10/21 DXM; WDXR: AH; WDXF: BJ; DXWW: FJP. Newspaper clippings, except of great urgency, should go to Bill Hardy for Special Features, as well as all UPI/AP teletype material so he can match it with any information he already has.

New Member Packets: Having decided the updating of the DX pages is important but not absolutely urgent, additional booklets are being mimeographing. They will be mailed with NMPs shortly; the updated pages will appear in DXM, something that had not originally been planned when updating was started. So, new members from February thru the present time will have their NMPs within weeks assuming normal slow 3rd class delivery (they weigh 1 lb.); within days otherwise.

TABLE OF CONTENTS

DX Calendar - page 3 - plenty of TESTS	State of the Month - Indiana - 27-32
President's Report - page 2 - editors needed	Football Networks - pages 33-39
IRCA Letterheads Again Available - page 4	Flash Tips & CPC Results - bottom page 1, 32, and 51
IRCA Application Form 1972 - page 5(6)	MI, MN, and WI Info - Dave Faulkner - 39
Go Contest Entry Forum - pages 7 & 8	Graveyard Records - 41-43
DXR and DXF - pages 9 thru 22	Foreign Verified Records - 44
Broadcasting Information - page 12	Beverage DXpedition Report - 45 & 46
ANARC - pages 20 and 40	Another Beverage Party - DXWW-6 (58)
"The Early Days of DXing" - Gene Martin - a Special Feature - pages 23-26	"Europe" - Quentin K. Brown - 47-51
More Special Features - page 52	DXWW - 6 pages and lots of good DX

Last minute CPC Results - Jim Poterba rpts WFTN hrd clearly in NH; KGHO was heard in Southern California with fair signal.

CONVENTION BIDS: Bids for the 1973 IRCA Convention are now being received. Not essential, though desirable, is your cooperation in filling out a Convention Bid Form, available free from the President. Hammond, Indiana has already requested and received Bid forms. Deadline for receipt of Convention Bids is October 31, 1972.

NEW CDXF EDITOR: John Zondlo, (address below), is appointed Temporary Central DX Forum Editor, pending Board approval in October. John takes over effective with the October 21-1972 DX Monitor.

POSITIONS AVAILABLE: EDXR Don Erickson is appointed Temporary Eastern DX Forum editor. Deadline for Eastern DX Roundup Editor applications is October 15, 1972, per announcement in September 9, 1972 DXM.

Pub. Note: For CDXF, Percy indicates an effective date of 10/7 DXM. This has been changed to 10/21, as previously agreed between John Zondlo and DEE. Please send any future CDXF rpts directly to John. See this issue's CDXF for any further details.

GY Records The position of Graveyard Records Editor is open, effective October 21-1972. John Zondlo is resigning to take over the CDXR Editorship. Deadline for applications is October 31, 1972.

Standby Editor As announced in the President's Report in the 9/9/72 DXM this post is now open. Deadline for applications is October 31, 1972.

Please make all applications for above on the IRCA Application Form, available free from the President. At times of great flux we need your support. If you feel you are qualified for any of the above, please volunteer! Thank you.

-DEE

Respectfully submitted,
September 17, 1972

Percy R. Kesteven
Percy R. Kesteven, President

WANTED BY IRCA PUBLISHER The IRCA Publishing Headquarters, best known as Toyland, is in dire need of a paper jogger. A jogger is usually an electromagnetic vibrating rack or table that is used align paper for feeding into printing equipment or collators. With the much higher speed of the new IRCA mimeo, it is possible to almost double hourly output provided paper does not have to be hand-jogged before feeding into second mimeograph for mimeographing the back. Also, a jogger would help eliminate blanks and feed jams, would speed collating, and would make stuffing faster. Paper joggers start at about \$100, new. Does any member know where a small used paper jogger can be obtained at a reasonable price? Please write or phone DEE if you can be of any help.

NRC Convention Miami Though a report on the Miami NRC Convention had been obtained for last issue of DXM, it was inadvertently overlooked. Ronald Schatz reports a large out-of-state turnout from as far as Ill. and Mass. The 1973 NRC Convention is to be held in Boston, Mass., this being the first time in many years that NRC has not switched coasts similar to what IRCA normally does. No qualified bids were received from west of the Mississippi. So now is the time to start making your plans for the 1973 NRC Convention, Boston, Mass., most likely the Labor Day weekend. And don't forget that bids for the IRCA 1973 Convention are being received by the President (see top of this page). Hosting a Convention is a lot of work but it has its advantages. (Don't ask Father Jack to list them, though, hi).

CPC Members Please obtain a supply of IBM CPC notification cards pre-printed w/ blanks for all the necessary information. They are not intended for sending to other clubs but may be used in that manner if you desire. Please double-check your information. Two major errors in call letters & address caught so far this issue and DX Calendar hasn't been typed yet. And will the CPC member who hasn't learned to spell DX Calendar please take note of its correct spelling. -DEE

Mon. mornings	0000-0100a	WRIZ	1550	Coral Gables, FL	10kw	D3	PoP/Bill Lemak
Sun. Oct. 1	0000-0500	WMWM	1090	Wilmington, OH	1kw	D3	NRC/Flash Alert Serv.
Sat. thru? 7							
Mon. 2	0200-0500	WIZM	1410	La Crosse, WI	5kw	U2	IRCA/Dave Faulkner
Fri. 6	0430-0500	WAMY	1580	Amory, MS	5kw	D1	IRCA/Bill Likens
Mon. 9	0300-0330	WVOV	1000	Huntsville, AL	10kw	D3	IRCA/Bill Likens
	0300-0330	WPHM	1380	Port Huron, MI	5kw	U4	IRCA/Dave Faulkner
	-0100-0300	KWOA	730	Worthington, MN	1kw	D1	IRCA/Dave Faulkner
Mon. 16	0100-0300	KYMN	1080	Northfield, MN	1kw	D1	IRCA/Dave Faulkner
	0200-0300	WHLM	550	Bloomsburg, PA	1kw	U4	IRCA/Brian Cartwright
Mon. 23	0500-0530	WCSH	970	Portland, ME	5kw	U2	IRCA/Tim Saltmarsh
Sun. 29	0000-????	WJVA	1580	South Bend, IN	1kw	D1	direct/Chris Cross
Mon. 30	0000-0100	WTWB	1570	Auburndale, FL	5kw	D1	IRCA/Larry Flegle
	0015-????	WSJM	1400	St. Joseph, MI	1kw/250w	U1	IRCA/Dave Faulkner
	0530-0545	WSPA	950	Spartanburg, SC	5kw	U2	NRC/Wes Boyd
Sat. Nov. 4	AN	KRSN	1490	Los Alamos, NM	250w	U1	AN for Hunters/Peek
Mon. Dec. 11	0430-0500	WPAD	1450	Paducah, KY	1kw	U1	NNRC/Jim Lovell
Mon. 18	0330-????	WEKR	1240	Fayetteville, TN	1kw	U1	NNRC/Jim Lovell
Sun. Jan. 14	0130-0400a	WJDX	620	Jackson, MS	5kw/1kw	U2	NNRC/Gene Vonderembse
Mon. Feb. 12	0200-????	KWHN	1320	Fort Smith, AR	5kw	U2	NNRC/Gene Vonderembse
Mon. Apr. 2	0200-????	WRAN	1510	Dover, NJ	10kw	U4	NNRC/Gene Vonderembse

WRIZ will use tone and IDs on a series of PoP tests for the next week or two after you receive this. Reports to: CE, WRIZ, Coral Gables, FL 32069. -IRCA/Bill Lemak

WMWM will be ETing off & on w/TTs and mx between Sun. and Sat. mornings. Reports to: Mr. Roland Roy, CE, WMWM, P. O. Box 1, Wilmington, OH 45177. -NRC/Flash Alert, Junker

WIZM will test w/their night dir. ant.; Easy Listening mx & IDs. Reports to: Mr. John Bauer, CE, WIZM, P. O. Box 1262, La Crosse, WI 54601. -IRCA/Dave Faulkner

WAMY programming not known, possibly dial tone modulation. Reports to: Mr. Bill Monaghan, CE, WAMY, P. O. Box 268, Amory, Miss. 38821. -IRCA/Bill Likens

KWOA will use march mx and many IDs. Reports to: Mr. Stephen Larson, CE, KWOA, P. O. Box 592, Worthington, MN 56817. -IRCA/Dave Faulkner

WVOV reports to: Mr. Hagler, CE, WVOV, 6020 Stringfield Rd., Huntsville, AL 35805.

WPHM will use MoR, instrumental, and band mx. Night pattern -IRCA/Bill Likens will probably be used. Reports to: Mr. George Carroll, CE, WPHM, 905 6th St., Port Huron, Mich. 48060. Phone at transmitter site is 313-329-3200. -IRCA/Faulkner

KYMN will use MoR & pop mx, and TT. Reports to: Mr. John A. Harlow, CE, KYMN, P. O. Box 201, Northfield, MN 55057. -IRCA/Dave Faulkner

WHLM will test w/instr. & band mx. Reports to: Mr. Anthony F. Hogg, CE, WHLM, 107 W. Main St., Bloomsburg, PA 17813. -IRCA/Brian Cartwright

WCSH will use mx, frequent IDs, and mentions of IRCA. A pre-recorded ID will be used for sign-on. Reports to: Mr. Herbert W. Crosby, Stn Mgr, WCSH, 579 Congress St., Portland, Maine 04101. -IRCA/Tim Saltmarsh

WJVA will conduct an f/c the last SM of each month. Both AM & FM will be on with a series of 1000 Hertz tones, dead carrier, and stn IDs. Following the f/c, WJVA is expected to program march music, tone, etc. Some pre-sign-on tests are being considered. We'll have more information from Mr. Cross in the near future. -Chris Cross

WTWB will use numerous IDs and mention of IRCA; prepaid calls will be accepted during the tests. Reports to: Mr. Charles C. Davenport, CE, WTWB, P. O. Box 7, Auburndale, Florida 33823. -IRCA/Larry Flegle

WSJM will use 250w the first 45 min's and 1kw for the remainder. Rock and underground albums, tones and DXer phone calls will be aired. Reports to: Mr. Noel Moss, CE, WSJM, 414 State St., St. Joseph, MI 49085. -IRCA/Dave Faulkner

WSPA will use 5kw ND and program mx and many IDs. Check also the previous morning, SM. Reports to: Mr. Harold Beckholt, CE, WSPA, 224 E. Main St., Spartanburg, SC 29301.

-NRC/Wes Boyd

Please check this information over carefully if you arranged one of these programs. It is, of necessity, your responsibility to prevent a mistake from being repeated endlessly. This is the year for IRCA's DX Calendar to be as super-accurate as is possible. Your co-operation will make it so. -DEE

The following IRCA members recently received IRCA Achievement Awards as noted below:

Series I, States Award

Gregg Allinson (20)
Robert W. Buddenbohn, Jr. (40)
Melville C. Coffin (30)
Allen W. Denny (20)
Jeff M. Hodge (45)
Paul L. Kott (20)
Brad Lanes (20)
Desmond Lanktree (20)
Jim Malachowski (30)
Aris Y. Papafingos (20)
David F. Thomas (50) (VAS)
Cathy Woodruff (30)

Series II, Provinces Award

Budd Bailey (8)
Melville C. Coffin (6)
Jim Poterba (6)
Donald E. Smith (6)
David F. Thomas (10 & 12) (VAP)

Series III, Countries Award

Melville C. Coffin (10)
Carl W. Dabelstein (25)
Mike Hardester (10)

Special Award, Verified All Continents

Carl W. Dabelstein (VAC)

Series IV, Total Stations Verified Award

Budd Bailey (200)
Jim Boyd (100)
Jan H. Brown (200)
Robert W. Buddenbohn, Jr. (200)
Carl W. Dabelstein (1000)
Richard T. Eddie (550)
Larry V. Flegle (100)
Nancy J. Gantzer (300)
Mike Hardester (300)
Paul J. Herman (100)
Paul L. Kott (100)
Jim Malachowski (100)
Randy Minnehan (100)
Aris Y. Papafingos (100)
Jim Poterba (100)
David F. Thomas (4000)
John Zondlo (300)

Series V, Domestic Capital Cities

Melville C. Coffin (20)
Richard T. Eddie (35)
Bruce E. McFadden (20)
Jim Poterba (20)
Donald E. Smith (20)
David F. Thomas (61 & 62)

Series VI, Graveyard Channel Award

Raleigh Biss (850)
David F. Thomas (1250)

If you desire further information on any aspect of Achievement Awards Committee operation, or wish to receive a copy of the current regulations for applying, please write:

IRCA Achievement Awards Committee
Percy R. Kesteven
13112 - 134th Street
Edmonton, Alberta, Canada
T5L 1V8

RETURN
POSTAGE
NOT
NECESSARY

IRCA Letterheads Again Available There is a limited supply of IRCA 2-color letterheads which will be sent on a first-come, first-served basis. Until the actual demand is determined, please order no more than 2 pkgs at \$1.50 per pkg. Later, if there is still plenty on hand, there will be no limit. Payment by cash, stamps, check or money order is acceptable; shipment is by 3rd class so please allow at least 6 weeks for delivery. All orders should be sent to Don Erickson, c/o HQ. All checks and money orders must be made payable to Don Erickson, not IRCA. These are the same rag-bond letterheads previously shipped and should not be confused w/CPC letterheads which are supplied to members of the CPC for use in writing to stns.

Sample Requests Subject to approval by the Board, the fee for a sample copy is 50¢. All writers are particularly requested to take note of this change, required by increasing postage and larger average bulletins. This fee does NOT apply to members who request one copy for a friend or for CPC samples. Those on the CPC are advised that stns conducting pgms are no longer routinely sent copies of DXM. If you arrange a program and want a copy with the write-up to be sent, please provide an addressed envelope; no return address and no postage. This will save your publisher from what used to be a time-consuming job addressing copies of DXM every week. -Don E.

GRAND OCTOBER ACROSS THE BIG POND SIMULTANEOUS LISTENING CONTEST ENTRY FORM

Mail to: CONTEST HEADQUARTERS, 1733 Candlestick, Newport Beach, CA 92660

Deadline to be received: Nov. 22, 1972.

Name:

Address:

Catches reported to:

IDXD

DXWW

BOTH

Equipment and Antenna:

Logging Periods Claimed:

Date

Time (PST or GMT)

Station

Points Claimed

NOV 22 1972

Logging Periods Not Claimed and Why:

Room for Poison Pen Letters and Sage Comments:

Additional copies available from IRCA's Don Erickson, 6059 Essex St., Riverside, California 92504, or NRC's mysterious post office box, P. O. Box 99, Cambridge, Massachusetts 02138. Please include SASE and specify number of entry forms desired.

September 23, 1972

EASTERN DX ROUNDUP

Page 9

Temp. Editor: Donald Erickson, c/o IRCA HQ. Deadline: Oct. 12, 19, 26; Nov. 2, 9.

Please note: Because of the press of other duties, stencils may not get typed until very close to publication mailing. All rpts received till typing are used.

Guidelines: One side of the paper, double-space between items, include initials and frequency for every single item. Include the make/model of rx and type of antenna.

Cut-off: OLD DX IS NO DX for EDXR. Items not submitted promptly are discarded.

REPORTERS:

(BB) Budd Bailey - 8800 Wenner Rd. - Williamsville, NY 14221 - Allied A-2515, 125'
(BLC) Brian L. Cartwright - 106 Leila St. - Johnstown, PA 15905 - Channel LW
Master 6436-A, 6-inch loopstick

(PRD) Paul R. Daplyn - 830 Denison Crescent - Ottawa, Ontario K2A 2N5

(GWJ) George W. Jensen - 4604 Anntana Ave. - Baltimore, MD 21206 - Zenith portable

(JMP) Jim Poterba - 949 Queens Dr. - Yardley, PA 19067 - HQ-200 and SM-1

(JMR) Jordan Roderick - 48 Orchard Farm Rd. - Port Washington, NY 11050 - DX-150A
50' & 150' LWs and an IRCA 3' spiral loop

(DSS) David Singer - 5501 Old Richmond Avenue - Richmond, VA 23226 - Realistic TRF

(TRS) Thomas R. Sundstrom - P. O. Box 205 - Willingboro, NJ 08046 -
HQ-150 and Worcester SM-2 (acquired 9-2-72)

(MGV) Martin Vankuilenburg - 285 Perrin - Laval, Quebec - Sony TFM 1600W

540 CBT NFLD Grand Falls fair o/WGR splash w/nx, wx, MoR mx 0445 9/4. (BB) Vy wk
just after s/on 0430. Annd listing of Nfld. net of CBC stns: CBN,
CBNM, CKZN, CBY, CBG, & CBT; then wx. 9/11. (MGV)

550 WDEV VT Waterbury fair w/CHLN nulled 1852 8/30. V/1 & CM in 8 days. (MGV)

580 WHP PA Harrisburg 8/12 1041 good sig w/some static. (JMR)

590 WEEI MA Boston 9/4 w/phone talk show 0250+, noted in null of CMW. Apparently
AN; a log change? (TRS) (Is NSP as are all other CBS O&O stns-SS)

WOW NE Omaha fair w/nx & IDs 9/11. (MGV)

620 WHEN NY Syracuse 8/31 good w/IDs & mx 0120 w/WVMT off. (MGV)

unID ?? 9/10 a SSB & s/off noted 0300 u/WHEN? Didn't catch annt's. Any idea
at this unusual hour? (TRS)

630 WMAL DC Washington gud w/pop 0050; dominated freq. 8/21. (BLC)

unID ?? Suspect a Can. w/non-stop easy-listening mx here 9/10 tune-in 0245 thru
0305 u/WMAL. Thought I hrd "CJET" at 0250, but not clear or very
strong modulation. (TRS)

640 CBN NFLD Saint Johns poor u/CMQ w/Nfld. TC (ELT + 1 $\frac{1}{2}$) 0447 9/4. (BB)

680 WCBM MD Baltimore in pr w/ID 0037 o/u CFTR 8/21. (BLC)

690 WELD WV Fisher fair w/nx & wx 2010 8/29. CBF looped. (BB)

720 WGN IL Chicago fair w/mx 0530 9/9 o/CKAC slop; All-night Showcase Show. (MGV)

730 WNAK PA Nanticoke 8/28 0045 in gud w/ f/c, mod. QRM. (BLC)

CKAC PQ Montreal 8/19 fair w/Expo's BB FF net, 2130. (BLC)

740 CBNM NFLD Marystown good o/CBL OC w/ID, TC, MoR mx 0435 9/4. (BB) Pr to fair
9/21 w/ s/on & 'O Canada' & hymn, "We Love His Shining Light,"
followed by s/on annt's mentioning SW and FM and others, followed
by MoR mx; wx noted 0438. MUCH QRM f/CBL OC AN & slight QRM f/
KRMG. (GWJ)

790 WTAR VA Norfolk 8/20 in gud w/ID & nx 2200. (BLC)

800 CJBQ ONT Belleville good o/CKLW w/Montreal baseball 2012 8/29. (BB)

810 WPED VA Crozet 8/22 in fair w/ f/c o/u WGY 0003. (BLC)

860 KWRF AR Warren strong on f/c but u/WSON 0155 9/5; used TT. (JMP)

WSON KY Henderson on ET exc w/only minor KWRF QRM; using quick tones & IDs
0150 9/5. (JMP)

WEVA VA Emporia fair on f/c-TT, some QRM but otherwise good 2356 9/3. (JMP)

900 WCME ME Brunswick 7/29 1530 vy wk sig; they have news of the Brunswick Naval
Base. (JMR)

920??WPAT NJ Paterson 8/20 in gud w/c1 mx 2330; reg. pest. (BLC) (930?-DEE)

920 WGHQ NY Kingston strong s/on 0600 9/9, exc sigs, killing WIRD. (JMP)

WIRD NY Lake Placid total surprise o/WBBB for few moments then WGHQ s/on
killed it 0600 9/9. (JMP)

September 23, 1972

EASTERN DX ROUNDUP

930 WJAX FL Jacksonville 9/4 0200 ID, into nx, just ahead of WBEN ID...difficult to follow w/CFBC & WBEN. Vy clear ID 0230 w/WBEN low and CFBC looped. Another probable log change. (TRS)

WFMD MD Frederick 9/9 w/ID 2000 & promo for Redskins-Steelers game, listing about 10 sponsors locally; w/WPAT looped & o/WBEN. (TRS) Good w/pop on SRS 0640 8/20. (BLC)

WPATNJ Paterson 9/4 noted off 0125+ w/WBEN dominating & apparently running AN per amnt. Possible log changes for both WPAT & WBEN. (TRS)

CFBC NB Saint John 9/4 w/"Solid Gold" rr audible f/0125 tune-in. Did not get ID until 0205 at end of nx, wx, sports. A log change, app. NSP. (TRS)

950 WYWY KY Barbourville 8/12 fair w/ f/c 0435. (BLC)

960 WFIR VA Roanoke 8/20, PSA good at 2200. (BLC)

980 WONE OH Dayton fair 0358 w/nx, mx, & IDs, w/CKGM off 9/11. (MGV)

1000 WKDE VA Alta Vista good on s/off having survived mess of s/off few minutes earlier, clear 2015 8/30. (JMP)

CKBW NS Bridgewater fair o/CFRB splash w/wx & SID 0507 9/4. (BB)

1050 XEG NL Monterrey carrying record offers w/Hollywood address & playing cuts from those albums 0350 9/4. (JMP)

1060 CJRP PQ Quebec 8/21 pop in good 0115 o/u KYW OC & Cuban. (BLC)

1090 WENR TN Englewood 9/11 ID 0157 beginning ET w/TT thru 0215 tune-out. Beatles mx too; good sig w/WBAL off. (TRS)

1100**WKYC**OH Cleveland is going to change calls soon to WCAV for Caviliers BKB. DXers might want to verify soon. (BB)

1110 WSPW NY Seneca Falls finally w/Geneva Truck Co. spot; fair w/WWOL QRM 1940 8/30. (BB)

WNAR PA Norristown 8/12 1530 vy good sig but vy conservative mx. Next to no IDs. Few spots. (JMR)

1150 WDEL DE Wilmington 8/13 1200 gd sig, Monitor nx & "Delaware Resort Report." State 26. (JMR) 8/20 good w/rel. pgm 2259, then into nx & mx. (BLC)

WYNS PA Lehighton 8/24 f/c fair 0030 o/u CKOC. (BLC)

1190 WANN MD Annapolis 8/18 1530 wk sig & gd amt of static plus some QRM from WLIB, I think. (JMR)

1230 WBOW IN Terre Haute good on f/c-TT mixing w/others but clear 0136 9/4. (JMP)

1240 WMIS MS Natchez 8/29 in fair w/ f/c thru slop 0235. (BLC)

WJTN NY Jamestown pr w/much QRM w/Ae nx 1600 8/21; WNIA-1230 messes up 1240 here in day. (BB)

unID ?? Rock mx o/everything 0044-0050. Taped ID sounds like WGLN; that makes no sense at all; seems like most logical would be WGVA OR WGBB but does not fit. Any help? (BB)

1250 WTMA SC Charleston 9/2 w/wx, ID "WTMA, a Charleston tradition" & into mx 0233 w/WTAE looped. Still on air-core loop here. (TRS)

1260 WIXY OH Cleveland 9/2 w/0215 TC, ID, & spot for Cleveland bank, then traffic report for Ohio Turnpike; thru WWDX. 4' air core loop. (TRS)

CFRN ALTA Edmonton 9/2; call popped out clearly during ID & TC 0225 o/WIXY & WWDC. A Bobby Goldsboro record ended 0230, another ID, complete, just ahead of WWDC ID. On 4' loop, #2 Alberta. (TRS)

1270 WVOK MD Cumberland fair o/WXYZ w/MoR mx & ID 0015-0028 tune-out 9/4. (BB)

WXYZ MI Detroit 8/21 rr oldies in good 0120. (BLC)

CJCB NS Sydney wk 0520 9/11 0520 w/nx. (MGV)

1280 CJMS PQ Montreal 9/10 ID 0100 & into nx in FF, w/good sig. Rare in that WADO usually ties up 1280 here. (TRS)

1290 WTUX DE Wilmington 8/18 1445 fair sig w/some static, MoR format. (JMR)

1310 WCAM NJ Camden 8/18 1645 vy good sig, MoR. (JMR)

WEEL VA Fairfax, "Good morning - 4:22 - WEEL"; in/out, fair 0422 8/28. (JMP)

1330 KWWL IA Waterloo total surprise 9/5 0116 w/KVOL; spot for school board meetings, good sigs after KVOL f/c. (JMP)

WMOR KY Morehead, good on f/c, little QRM 0546 9/9. (JMP)

KVOL LA Lafayette good on f/c-TT, bits of KWWL 0118 9/5. (JMP)

WHOT OH Campbell 9/10 w/nx to 0200, ID, into "Big Al Knight" show, good. (TRS)

- 1330 unID ?? Who on 9/10 had Ai nx ending 0205 thru WHOT? Soft spoken ID not readable. WEVD, if on, not IDable as such. (TRS)
- 1340 WKGN KY Knoxville good 0300 8/28 just in time for wx, ID, & nx. (JMP)
 WUSJ NY Lockport was AN 9/4 due to Telethon. Usually off 0205-0530 daily. (BB)
 WAIR NC Winston-Salem exc on ET, strong o/WKGN; TT & ID 0303 8/28. (JMP)
 WIZE OH Springfield 8/21 ID in pr 0229 u/KPDN. (BLC)
 WHAT PA Philadelphia 8/13 1234 w/rel. service. (JMR)
 KPDN TX Pampa 8/21 pop mx & ID in good 0215; farthest GY, 1235 mi. (BLC)
- 1350 WEZY FL Cocoa 8/5 nx & wx pr 0537 o/u WSMB. (BLC)
 WSMB LA New Orleans 8/5 in good w/tele talk 0530 o/WAKR. (BLC)
- 1360 WPPA PA Pottsville 8/28 f/c in poor 0044. (BLC)
- 1370 WFEA NH Manchester 9/4; hardly DX but s/off noted 0050; a change? (TRS)
 WSPD OH Toledo 8/21 in good w/rr 0109; a pest. (BLC)
- 1380 WAMS DE Wilmington 8/13 1312 fair w/moderate static. Frequent IDs, interesting TCs, "1:41 WAMS-Paint-Your-Body-Time." (JMR)
 WPLB MI Greenville w/others on f/c-TT 9/4 0028, fair. (JMP)
 WPKO OH Waverly strong on ET 8/28 0331, ID, no QRM. (JMP)
- 1390 WNUS IL Chicago 8/21 talk in good 0030 o/u WFBL. (BLC)
 WFBL NY Syracuse 8/21 good w/pop o/u WNUS. (BLC)
 WEED NC Rocky Mount good on f/c-TT all alone 0129 9/4, no QRM. (JMP)
 KCRC OK Enid 8/21 s/off pr 0005, state 35. (BLC)
- 1400 WYSL NY Buffalo 8/26 fair w/hard rock 2345. One of the few reg GYs. (BLC)
- 1410 WPOP CT Hartford 8/24 in pr w/rr 0005 o/u KQV. (BLC)
 WDOV DE Dover 8/18 1645 wk sig, much noise & some WCOJ. (JMR)
 WIKI VA Chester 8/24 f/c poor o/u KQV/WPOP 0002. (BLC)
- 1420 WVJS KY Owensboro 8/28 w/pop mx to 0100 ID, rel message, 0103 s/off w/"My Old Kentucky Home" sung by, I believe, Perry Como. No SSB. WBSM looped. (TRS)
 WBSM MA New Bedford good w/phone-in show & ID 0220 9/4. WHK off for the first time since I started DXing; occ. TT. (BB)
- 1430 WNJR NJ Newark wk 2000 w/Mutual Black Net; nx o/u CKFH/WENE 9/4. (MGV)
 WCOJ PA Coatsville 8/20 gud w/nx & wx & then into pop o/WHK 0715. (BLC)
 WDIC VA Clintwood 8/21 f/c hrd again this MM. NRC Log says Clinchco as QTH but ID says Clintwood, 5 mi west. Where? (BLC)
 CFGO ONT Ottawa fair 1030 w/nx & mx. IDs nx as "CFGO 20-20 nx." 9/10. (MGV)
- 1440 WJAB ME Westbrook fair w/QRM (CKPM off 1458-2053) 1945 8/22 ID, announced s/off and requested listeners to tune-in at 0600 for "the best in the radio." No SSB. (PRD)
 WAAB MA Worcester fair u/CKPM's OC 8/22 2032 w/ID, rr, Nixon Convention coverage & spots. (PRD)
 WJL NY Niagara Falls 9/9 w/MBS sports 1925+, 1930 s/off w/SSB, mixed w/jumble on freq. (TRS)
 WHHH OH Warren fair u/CKPM's OC but battling it out w/WAAB 8/22 2025 w/MoR & ID. (PRD)
 WNPV PA Lansdale 8/13 1412 good signal, MoR format. (JMR) 8/24 f/c in good o/u WHIS. (BLC)
- 1450 WILM DE Wilmington 8/13 1510 good sig w/some QRM f/WNPV. (JMR)
 WCVS IL Springfield 8/28 f/c in good thru slop 0130. (BLC)
- 1460 WOKO NY Albany 9/4 hrd s/off 0000 anng SP as 0000-0500; log change. (TRS)
 CJOY ONT Guelph strong, dominating channel all morning; 0112 9/4. (JMP) 9/4 w/end of nx 0005, ID, into mx, w/good sig following s/off's of WCMB & WOKO. (TRS)
- 1480 KLEO KS Wichita fair to good on f/c-TT o/WLEE 0400 8/28; much wanted. (JMP)
 WSAR MA Fall River fair w/mx 2036 w/CFOX slop 8/30. (MGV)
 WDAS PA Philadelphia 8/13 1541 good w/some QRM from somebody. (JMR)
 WLEE VA Richmond good w/rr mx & "Million Dollar Music" ID 0330 9/4. (BB)
- 1490 WSIP KY Paintsville 8/12 f/c good 0450 while WJNL was off for eq. repair. (BLC)
 WBCB PA Levittown 8/28 f/c in pr 0153; PA #110. (BLC)

1510 WAHT PA Annville-Cleona 8/22 f/c in good o/u WJNL splash 0025. (BLC)
 1520 WHIC KY Hardinsburg 8/12 f/c in pr o/u WKBW 0510. (BLC)
 WTTO OH Toledo best ever w/WKBW off for a change 0337 9/4. (BB)
 1530 KFBK CA Sacramento faint but in the clear w/Holiday Inn & s/off 0343-0405 9/4.
 1540 WRCP PA Philadelphia 8/17 1615 good sig, C&W mx. (JMR) (BB)
 1550 KKHI CA San Francisco exc (for them) w/cl mx 0230 9/4. (BB)
 WRIZ FL Coral Gables fair w/QRM 8/21 0125 w/ET, OC & IDs. (PRD)
 WPJD TN Daisy 8/21 f/c in fair 0245, all alone. (BLC)
 1560 WAFI KY Middlesboro 8/20 C&W in fair 0610 while WQXR off. (BLC) 9/10 w/trailer
 dealer spot; ID & TC 0640 thru WQXR OC, o/WCNW. (TRS)
 WCNW OH Fairfield 9/10 s/on noted 0635 w/SSB thru WQXR OC. Gave day, critical
 hours, and pre-sunrise operating powers in amnt. Fairly clear
 despite WQXR tone. (TRS)
 1570 WTOW MD Towson 8/20 s/on good 0600. (BLC)
 WBUX PA Doylestown 8/13 1629 fair sig w/QRM f/somebody + static. Bucks County
 Auto Show, stn 200. (JMR)
 1580 WJVA IN South Bend w/TT & quick ID all alone 0135 8/28. (BB)
 WAXU KY Georgetown fair w/WVCO, w/ s/off 2029 8/23. (BB)
 WPGC MD Morningside 9/9; suspect this stn again as one w/OC on past 1915
 beyond 2015, again! Tried calling phone # in BYB but no answer. (TRS)
 KTGR MO Columbia u/CBJ w/ s/off 2101 8/29. (BB)
 WSUF NY Patchogue exc w/rr mx & ID 0104 9/4; must be last to hear new call. (BB)
 WVCO OH Columbus w/ s/off good o/QRM 2030 8/23. (BB)
 WTTN WI Watertown fair w/ s/off 2100 8/23. Last words by amnr was TC. (BB)
 1590 WISZ MD Glen Burnie fair w/much SSS QRM w/nx & ID 2035 8/29. (BB)
 WGRY MI Grayling fair u/WAKR f/c--TT 0126-0135 9/2, #400 for me. (BB)
 WAKR OH Akron 8/20 rel pgm in good 0555. (BLC)
 WCBG PA Chambersburg 8/28 f/c in exc 0003 o/WAKR. (BLC)
 WEEZ PA Chester 8/14 1747 fair sig w/some static. Phone show. (JMR)
 WGOE VA Richmond w/ f/c good w/WAKR 0016-0050. Longer than f/c list says. (BB)
 R/c & ET 0030-0200 tune-out 8/28; progressive mx & weird amnts. (DSS)
 8/28 mx, f/c in good 0015; ment'd site as across from Amish
 cemetary. (BLC)
 1600 WINX MD Rockville 8/20 ID & mx poor 0620. (BLC)
 WWRL NY New York City 8/24 nx good 0100. (BLC)

Suggestions: Looped doesn't mean the same as nulled; let's try to standardize according to what we really mean. Please, do not strike over when typing. Many times & dates were nearly illegible. Standard abbreviations only; some strange ones this time that have never appeared in ANY list. Please keep your items newsy (such as TRS's) and avoid unnecessary words such as at 1830, on 5/30, good signals, in well.

RETURN POSTAGE Canadians desiring RP for US stns are encouraged to send mint Can. stamps to DEE; same number will be returned w/next DXM or u/separate cover. No conversion or postage cost, as an IRCA service. Cash or Can. stamps of any denomination or ck/money order acceptable; specify denominations desired; otherwise 8¢ will be sent. U.S. members may write for Canadian stamps, subject to available supply. Renewing Canadian members are encouraged to send mint stamps. -DEE

Broadcasting Information (as compiled by Mike Worst) Sept. 4 and 11 issues

KBAT	680	50kw-D	10kw-N	San Antonio, Texas	requests KKYY
WGHM	1150	5kw-D		Skowhegan, Maine	requests WSKW
KPRB	1240	1kw-D	250w-N	Redmond, Oregon	from SH to U
KHAT	1480	500w-D		Phoenix, Arizona	requests KPHX
WARD	1490	1kw-D	250w-N	Johnstown, Pennsylvania	granted WJNL
new	1510	1kw-D		Boynton Beach, Florida	requests WKAO
KYOK	1590	5kw		Houston, Texas	change night DA system

Russ Edmunds notes from 9/9 Broadcasting Info that KOHU new PSA is for new freq. of 1360, not 1570. KOHU is in Hermiston, Oregon. -RJE

September 23, 1972

EASTERN DX FORUM

Page 13

Editor: Bruce R. Heimburger - 1710 Cambridge - Ann Arbor, MI 48104

Deadlines: Same as always, whenever you can get them here (hi).

=====

Sheldon Swartz - 290 Court St. - Plymouth, MA 02360

It is with genuine regret that I have resigned myself from your EDXR section. I had been experimenting to give you the format YOU wanted, and have learned a lot thru you that way. I have received many notes of praise on it and a few objections. But that's what a Democratic club is for. I am not, however, resigning from IRCA althoether. I am volunteering my services to many club projects and committees, which will not involve my typing, as it is obvious that someone with a better typewriter is needed. I hereby exit, somewhat gratified, and somewhat amiss. My thanks to DEE, P. Kestevan and the rest for their support. Even tho EDXR is out w/me, don't hesitate to send me your unODs, which I will search for til I reach success, as I have done for many members already. Sort of a fun challenge. Also home 24 hours for calls at (617) 746-0394. Finally, for those wondering what happened to my Log-book project, NRC is accepting my efforts on their behalf. 73.

Rich Mayhew - 266 Dufferin Rd. - Valleyfield, PQ, Canada

Hi! DX has slowed down here, only 4 new so far this Sept (to 9/10). August was great w/47 new, making it my second best month in my 2½ yrs. of DXing. My best month was my first one and I hrd 55. Right now I am stuck at 497, only 3 to go to make 500. Maybe this MM. College starts 9/18, had registration 9/9. Classes start at 1130 MM so I will be able to stay up & DX for a change. Other news around here, CKPM-1440, Ottawa has changed call to CFGO, same freq., etc. I don't know if they are still 10 kW. First hrd about the change on TV, they had a spot on a Cornwall stn. Slogans are "CFGO Greater Ottawa" & "GO 14." Question: Is it OK to count a stn as new if the call has changed? I have done this in the past, and was wondering what other DXers do. (I don't unless there is a freq. or loc. change, CJRN for example-Brh) In other nx, I finally got my 2nd CA, KFI was in o/u pest CMQ. 1st CA was KNX. (Try 1550 or possible 1530 & 1580 also this winter-Brh) Next DXF, a re-intro from me so don't miss it, hi! 73s and good DX.

H. W. "Hand" Ward - 753 Kingston Rd. - Lexington, KY 40505

Ex-IRCA member Jerry L. Smith advises his Hammarlund 150 & Space Magnet antenna is for sale for \$125 which includes freight charges. If interested contact Jerry direct at Route 1, Box 68-9, Brenham, Texas 77833. That's about the best bargain I've seen come down the pike in a long time! Wonder if any of you members got in on the broadcast history that took place Friday morning, Sept. 8 when 2 WBLG announcers took over the stn in protest to a format change to 19 hours of hard rock. The management agreed not to cut the power and WBLG 1300 kcs stayed on all night to allow hundreds of listeners to call in, most of whom supported the protest to retain the MoR music and talk shows. Following this unprecedented action & public support, WBLGs manager re-hired the announcers & dropped the proposed format change. It was quite a thing here in Lexington w/listeners outside the stn all night & a legal protest parade Friday morning. Recent DX here has included WSLT E-TT on 1520 bucking 50 kW WKBW. Good DXing on the upcoming season although summer cx have been generally good all summer. 73s.

Gregory Spencer - 700 Clark St. - Martins Ferry, OH 43935

Hi! Just joined IRCA & this is my 1st report to EDXF so intro is in order. I'm 17, & an electronic vocational student. Began BCB DXing 12/71, FM DXing 5/72. My rx is a less than \$20 model which netted 93 BCB & 20 FM stns. My location is 2 mi. from WVA who is the only pest. But they leave at approx. 0300 the 1st SM of the mo. Would like to hear from area DXers; don't know any. Recent veries-v/q WGR, WHN (2 cards); v/1+CM+SC WKAZ; v/1 WASP, WFRB same v/x Ken Adams identical autographs. Enjoyed the PoM!! 73s and lots of DX.

=====

Jim Poterba - 949 Queens Dr. - Yardley, PA 19067

Greetings all. DX has not suffered usual Sept. setback this year, since teachers are on strike & high schoolers go every other day! DX has shown definite improvement over last 2 mos. Have just joined the NRC - just hope it's as great as the IRCA. Over the past few MMs, 1340 has shown great openings, w/WMID, WHAT, & WOOK off, allowing things like WKGN, WNBH, WAIR, & WLOK thru. All DXers pestered by these three should give 1340 a try some MM soon. Veries of late: v/q WADO WHLI CHNS PJB WAEB WHBC WVKO v/1WMNS KRIG WKGN WAIR WBBF WBCB WJUN WEAM WANN WYSL. Now have 197 veried, hope for 200 soon. Have just acquired an Atwater Kent 7 tube, circa 1928, for no cost yet! Doesn't have much pulling power though -- WSB & CBF are most distant receptions. WAIR verie requested plans for the SM-1, and, as the CE owns a freq. measuring Co., this may produce some new f/cs. 73s for now.

Thomas R. Sundstrom - POB 205 - Willingboro, NJ 08046

(edited to 15 L-Brh) It's been quite a while since my last musing. Spent 3 days in FL from 7/25 to 27, at a conference in Gainesville (U of F) and then the following week on vacation in the Thousand Islands (near Clayton, NY) at my father's cabin. Didn't get to do any BCB DXing either place. I would like to remind IRCA CPCers to send all DX Test notices to me--not Page Taylor--for the MNRC. The KJAN & KGHO notices were late, didn't make the bulletin 'cuz they had to be forwarded... & KGHO especially is a good one. Due dates for the next couple of mos.: 10-17, 11-14 & 12-12 for bulletins sent dated the 1st of the month following. Re the 71-2 season (10/4/71 - 7/10/72) was davisd about 78 tests, tried for 12 which were not on, 41 were tried for that were on, and 24 were heard, in totalling statistics. And finally, broke down & ordered an SM-2 ferrite loop antenna from Worcester. When it arrives, I guess I'll retire the 4' loop I built in 1957! 73.

Dave Schmidt - 8 Valley Terrace, Apt. #9 - Wilmington, DE 19802

Greetings! This is my first report into the IRCA after joining in the not too distant past. I guess an intro should be first in line. I'm 21, married, and employed as program director at WCHE in West Chester, PA. My location isn't the very best in the world but will have to make due. For rx's I'm basically using an HQ-180, w/a 3 foot spiral loop. I'm also using the Heathkit AM portable, which seems to be pretty good. I've got about 525 veries, mostly from when I was living in PA, although I added about 20 from this location during the last DX season but this year I'm planning on being more active. Some of my best catches include KORL-650, KULE-730, KTYM-1460, a few outlaw stations and few college stns. In the summer I mostly work the FM bands, w/this past season being my best ever. I'm also a radio freak, plus having an interest in other things. Here's an offer...to anyone that sends me a large envelope w/about 5 8¢ stamps plastered on it, I'll stuff it full of surveys, since I'm unloading what I have here. They're my old traders, some are fairly rare & long since gone. So just send me a large SASE & I'll stuff it. Support your CPC.

Budd Bailey - 8800 Wenner Rd. - Williamsville, NY 14221

This past MM (9/4) was the best around here in a long time. Don Smith, Jerry Monroe, & I set things up so that we could call the others if anything was in. Results were great; 9 new stns noted. WKBW was finally off the air for a while, which let KFBK come in. KOMA did not come in, which was real target. Why is it cx always improve just before school starts? Veries have been slow, only CJRP has come back. Jeff Hodge managed to squeeze out #700 the day before he left for college in Syracuse. A call change, no less. (For shame-Brh); Better go write some reports; I'll need the veries for the verified contest. 73s.

EDITOR: Richard C. Evans - Box 2048 - Gary, Indiana 46409

+++++

550 WSAU WI Wausau, 9/4 0250 w/ID "WSAU and WIFC-FM w/POP Mx, good sigs, w/slight fading and QRM (KM)

570 WWNC NC Asheville, w/fair signal, reading nx from Asheville Citizen newspaper, 9/4 0530 (GB)

590 WOW NE Omaha, fair-to-good 8/31 0536-0549 w/rr mx (JDP)

620 WSUN FL Saint Petersburg, 8/14 0530-0546 MoR Mx, wx forecast PSA's, singing IDs as "W-SUN" stn's mx somewhat odd, plays only the vocal portions on records. Good S-3/4 level, easy catch (JT)

630 CKRC MAN Winnipeg, 9/4 0300 w/ID "CKRC" then into nx. gud sigs, no QRM until 0301:40 stn cut in w/TT, looping suggests KXOK (KM)

640 KFI CA Los Angeles, 9/4 0305 weak w/nx u/CMQ. Does CMQ ever sign/off? (KM) (I doubt it!-rce)

680**KFEQ**MO Saint Joseph, 9/4 0310 ruined 680 w/TT, strong sig(KM)
WCAW WV Charleston, 8/29 0559-0617 s/on 0559 w/SSB then Nx, later Mx. KFEQ pff, much KNBR QRM (JT)

690**KEOS**AZ Flagstaff, 9/4 0100-0117 f/c, KGGF off (JT)

750 WSB GA Atlanta, poor 8/25 0218-0241 o/everything on freq(JDP)
KMMS NE Grand Island, good 8/30 0715-0729 w/C&W Mx (JDP)

800 CKLW ONT Windsor, 9/4 0319 w/RR mx, gud sigs w/no QRM for once (KM)

890 KBYE OK Oklahoma City, good 8/30 0728-0743 w/gospel mx, over everything on channel! (WLS off?) (KM)

900**WGOK**AL Mobile, 0445-0501 f/c, dial tone, S1-3 levels (JT)

920 KELP TX El Paso, 8/19 0319-0401 Mx, Nx 0319 and 0353. Many PSA's, not one spot (JT)

OUT OF ORDER

630 CKRC MAN Winnipeg, w/fair signal 1/U-KHOW, Denver-sports pgm talk of Canada-Russia Hockey game 9/4 0345 (KM)
KHOW CO Denver, w/fair signal 1/U CKRC, Winnipeg, ID-Summer-time in the Rockies, KHOW, Denver, 9/4 0400 (GB)

930 WSEV TN Sevierville, good o/WKY w/sports rpt 0605 8/28 (DP)

1030 KCTA TX Corpus Christi, 8/27 0730 w/ID "You are listening to the 50,000 watt religious voice of the South West, KCTA" then into SS program. Excellent SRS perfectly clear sigs, no fading or QRM at all (KM)

1060 KAMA TX El Paso, fair 8/24 2044-2049 u/KLMO w/SS Mx (JDP)
KRSP UT Salt Lake City, fair 8/15 2144-2202 w/RR Mx under unid station (JDP)

1090 WBAL MD Baltimore, finally hrd w/fair sigs u/KMY with MoR Mx, 0618 8/28 (DP)
WMUSMI Muskegon, good o/XEPRS on ET w/Rock, TT and jingles 0230 9/4 (DP)

1190 KRDS AZ Tolleson, poor u/KLIF/WHAM w/MoR mx and mention of request line 347-KRDS 0326 9/4. Is KRDS 250 watts? (DP) (Yes--rce)
KLIF TX Dallas, 9/4 0405 w/wx fair sigs w/mod. to heavy fading and QRM (KM) Fair signal 1 U&O, promo for week long playing of hits from '53 to '63, from the Originators-KLIF (GB) Good o/KRDS/WHAM slop with rock 0309 9/4 (DP)

1210 WKNX MI Saginaw, good w/"KNX" jingle and R&R 2029 8/27. WCAU was off for a few minutes with xr trouble, enabling me to get this one. (DP)

1260 WEKZ WI Monroe, good s/on no SSB, mention of FM 0100 8/25 (DP)

1270 KSCB KS Liberal, poor u/WHBF/WWCA with s/off 0100 8/25 (DP)

EDITOR: Richard C. Evans.

DEADLINES: Wednesdays.

+++++

1280 KTLK CO Denver, 9/4 0410 w/RR mx, gud sigs, moderate fading and QRM (KM) (DP)

WGBF IN Evansville, xlnt o/WMRO w/ID during BB game 2100 8/27

1300 WSYD NC Mount Airy, spots, C&W 0555-0600 9/4 (rce)

KVET TX Austin, 9/4 0430 C&W Mx? fair sigs w/plenty of fading and QRM (KM)

1320 KXYZ TX Houston, fair 8/15 2206-2227 w/easy listening mx, u&o KCPX (JDP)

1330 KFH KS Wichita, w/good signal and WFBC partially nulled. news and weather 0500 9/4 (GB)

1370 WTTS IN Bloomington, dominating o/WSPD w/R&R, DJ Bob Herrick 0144 8/25 (DP)

KCRVMO Caruthersville, L&C on ET w/TT, ID, then C&W mx 0220 8/25 (DP)

1400 WROZ IN Evansville; on top of everything w/ID 0129 8/25 (DP)

1500 WTOP DC Washington, w/fair signal over KSTP OC. Nx programs 9/4 0555-0559 s/on of KSTP (GB) (I wondered who had the OC. Tnx (rce)

WZBN IL Zion, s/on 0730 w/SSB poor u/WAYK and wiping out WVOC 9/4 (rce)

WVOC MI Battle Creek, s/on 0715 w/single time beep, annmt, Portals of Prayer, Mutual Nx at 0730 9/4 (rce)

1510 WLKM MI Three Rivers, news 0723 9/4 fair (rce)

1520 WKBW NY Buffalo, 9/4 0440 w/early Beatle mx till the hour, then nx. Weak to gud sigs w/mod fading. KOMA TT from 0448-0450 and 0456-0458 (KM)

1530 KCHY WY Cheyenne, good 9/2 2215-2231 w/rr mx, few ads. IDs as "Most Powerfull station in Wyoming"-is it new? Phone Co. can't give me phone number (JDP)

1550 WEVR WI River Falls, fair s/on o/WMIR 0707 8/24 (DP)

1560 KRCE IA Council Bluffs, good s/off o/WDXR/WQXR w/inv. to tune to FM 2130 8/27 (DP)

1570 WOBL OH Oberlin, poor u/WPTW w/jingle 0644 8/24 (DP)

WPTW OH Piqua, on top of frequency with spot for Fresca 0640 8/24 (DP)

1580 KPIK CO Colorado Springs, fair o/CBJ w/C&W Mx 2152 8/27, s/off at 2200 (DP)

1590 WAIK IL Galesburg, s/on 0700 mixed w/about four others, even w/WAKR but lost quickly 9/4 (rce)

KCBD TX Lubbock, fair 9/2 2140-2152 w/RR, C&W mx (JDP)

1600 WARU IN Peru, fair o/u unID w/s/off no SSB 2045 8/27 (DP)

KCRG IA Cedar Rapids, xlnt at s/on w/SSB, announcement, then into Mx 0559 8/25 (DP)

A TIP OF THE HAT THIS WEEK TO:

GB - GEORGE BERTONZ, 9515 S. Kilbourn Ave., Oak Lawn, Ill. 60453
 rce - RICK EVANS, Box 2048, Gary, Indiana 46409
 KM - KEITH MUHL, 1320 S.W. Broad St., Des Moines; Iowa 50315
 DP - DAVID PETERSON, 800 Humboldt Ave., Winnetka, Ill. 60093
 JDP - JERRY PEEK, 1160 Myrtle St., Los Alamos, New Mexico 87544
 JT - JOHN TULL, 5539 Oak, Kansas City, Missouri 64113

George and Jerry, welcome to the column. I suppose everyone knows by now my address has changed, hi. On the offset question, I would like to see how the reduced postage charges balances out against the cost of printing. Without knowing this answer, it would be very foolish to go offset simply because every other club has. If going offset requires a dues increase, it should be approved by the members.

September 23, 1972

CENTRAL DX FORUM

Page 17

Temp. Editor eff. 10/21 issue: John Zondlo - Palmer Hall Box 113 - Muncie, IN 47306.

John's Deadline's: Thursday, Oct. 12, 19, 26; John will provide further details.

Dr. Richard E. Wood - Dept. of Foreign Languages - LSU - Baton Rouge, LA 70803
Bill Coleman and others contemplating purchase of a Drake SPR-4 would be well advised to pause and read Ernie Behr's hard-hitting, factual review of the SPR-4 in NRC's DX News on p. 10-11 of Vol. 39, No. 31 (Aug. 29, 1972). I can only endorse Ernie's findings as regrettably true; and now the price is to be raised to \$579 while a better rx, the Hammarlund HQ-180A is taken off the market! Such is progress. Perhaps one day there will be a decent rx for the DXer, but don't hold your breath. Dave Christensen's query on format change or Sunday night programming on KAHU-940 HI is an easy one: this is the regular Samoan hour, aired for donkey's years on KAHU prior to its Sunday (local date) 0900 GMT sign-off, and very popular with listeners in Samoa too. Yes, Samoan sounds much like Hawaiian, but watch for frequent sound f, lacking in Hawaiian; e.g. Samoan fale "house", Haw. hale. All other KAHU is C&W. Am trying to get leave to put up a beverage on LSU agricultural land.

Gene Martin - 3303 East Evans - Denver, Colorado 80210
The most durable job in radio is that of the Chief Engineer. If anybody is going to spend most of his working life at the station, it will be the chief. These men survive ownership changes, format shake-ups, and front office storms which regularly sweep-out all other kinds of personnel. So it is truly remarkable that the CE at one Denver stn was actually fired recently. I will not name it or him, but the reason for his sacking was the retinue of spurious signals from that transmitter, infesting the BCB for months at all sorts of strange places, and strong enough to interfere with other locals. The management didn't know anything about the problem, and the local FCC office was also unaware, for the FCC never notices anything until you rub their nose in it. So a new chief was hired at K---, and all the spurious signals vanished within ten days. The cause of the trouble, as explained to me, was lack of neutralization, whatever that means. This welcome change also contributed greatly to a lessening of profanity in my shack.

Don Eggert - 1719 W. Valencia Dr., #89 - Crown Point, Indiana 46307
Greetings and I hope your DX season is getting off to a good start. I was overtaken by a strange power to sit down at the typewriter this evening and whip off a rpt to the club. Unfortunately, the last 2 yrs have not been good DX-wise in that I've not been able to keep up interest due to the old bug of lack of time and poor CX. Actually the last 6 yrs (since starting college) have been poor in terms of DX. Nonetheless, I'm gonna give it a shot again this season. Totals here in Crown Point are a little over 700 hrd from 45 states and 20 odd countries w/ a HQ-180 & 2' loop. I'm working, when time permits, on Bruce Portzer's Domestic DX Records report form; interestingly, but I guess not really surprisingly, Ill. far and away leads other states though I live in Ind. Also, shortly I'll be entering my meager contributions to John Zondlo's Graveyard Records, which I find interesting. In checking with Roger Winsor, I find that the f/c list is nearing completion, pending a response from 1 or 2 key people; looks like it should be a very good list. Good DX.

Permit envelopes and postage due account A postage due account was opened a couple years ago to avoid the severe problems w/ postage due returned bulletins and stencils (no one is home at Toyland days). To maintain the minimum flow through the account, editors were provided with First Class Permit (known as business reply) envelopes. Also, Mike Northam sent the club labels under permit. Permit mail under 2 oz's is charged at postage + 2¢; over 2 oz's is postage + 5¢. Overall, there is a saving because editors need not guess at the postage or make the mistake of putting on too little or too much. Permit envelopes have been distributed for CPC use, Flash Tips & CPC Results, all editors (in the U.S.; permit mail can not be sent from Canada) and to others for specific reply. Some members have apparently misunderstood their purpose and have used them for ordering club supplies, DXF reports, letters, and printed matter that takes 3rd class rate. Permit envelopes cannot be marked 3rd class; it is available for 1st class (surface & air) only. Hope this will explain the reason for their use and clarify some club procedures. -DEE

This weeks Supporters:

GA Gene Allen, 134 Bret Harte Way, Vallejo CA 94590, HQ-29-X, SM-1, 4' loop, 75' LW
AH Andrew Hecker, P.O. BOX 835, Saratoga, CA 95070, Candle SS-18, (LW fell down)
RWJ Royal W. Jaynes, 1057 W. Hilliard Lane, Eugene OR 97402, SPR-4, SM-1
PRK Percy R. Kesteven, 13112, 134 Street, Edmonton, Alberta, ????
PM Patrick Martin, Warrenton, OR 97146, ??????
MM Mike McCullough, 5240 Rhonda Drive, San Jose CA 95129, ARB, SM-1
BP Bruce Portzer, 14056 5th Avenue South, Seattle, WA 98168, National NC-120 4' dcl
BP* " " Logged at Lake Cushman WA, SX-96, 20' shortwire
JLT Jerry Thatcher, P.O. BOX 3014, Nellis AFB, NV 89110, RCA RZM portable

550 KBOW MT Butte, s/on after SSB 0759 8/21 (BP)
KRAI CO Craig, s/on SSB 0759 8/21 just after KBOW (BP)
610 CKYL ALB Peace River s/on 0755 w/o Canada w/KFRC nulled 8/21 (BP)
620 CJCI BCo Prince George jingle ID & MoR thru KGW 0257 8/21 (BP)
690 XETRA BCa Tijuana off at 0340 to 402, power outage ??? on 8/30 (PM)
KKUA HI Honolulu with rr at 0342, on 8/30 (PM)
KHEY(?)TX El Paso, UNID station w/ classical mx at 0345. I KHEY clas. (not to my knowledge, AH) Heard on 8/30 (PM)
WAPE(?)FL Jacksonville UNID station with soul format at 0352 on 8/30 (PM) (WAPE has a DA east, and is either C&W or rr, AH)
KEOS(?)AZ Tucson UNID station giving time same as PDT, at 0357 on 8/30 (PM)
740 CBL ONT Toronto, woman gave s/on 0457 8/21 then MoR mx, u/KCBS OC (BP) QRM from Texas Station 0617 8/28 (GA)
750 KMMJ NE Grand Island w/fair-poor signal 8/21 0732-0736 w/legnthly (sic) wx report for NE & SD. No QRM (JLT)
770 WABC NY New York in clear S9 0625 (GA)
810 WGY NY Schectady nx at 730 8/28 (GA)
870 KIEV CA Glendale in good 8/15 2210-2214 w/ promi for "Worlds Cheapest contest" Some slop from KRVN (JLT)
910 KCJB ND Minot on top on 2 -KNEW off 0642 9/11 (GA)
KNEW CA Oakland TT at 0702 9/11 (GA)
920 KARN AR Little Rock 0706 9/11 fair /poor NBC nx ID to rr mx (MM) /(?)RWJ)
930 KYSS MT Missoula quarterly f/c 0330 8/8 800 khz (?) Morse code at 1000 Khz
WKY OK Oklahoma City weak w/ KHJ nulled w/rr 0321 8/28 (BP)
KAGI OR Grants Pass ET 0324 8/28 (BP)
KCCC NM Carlsbad TT 0212 8/26 (GA)
UNID ?? Weak SSB u/KHJ/CJCA 0300 8/21 KTKN?(BP)
940 KWRC OR Woodburn s/on 8/27 then SS pgm. (BP*)
KIXZ TX Amarillo in weak 8/14. No ID heard but were frequent mentions of Amarillo. In @ 0722 w/ much slop for XEGM (JLT)
970 WDAY ND Fargo 0630 fair w/ ID to nx 9/11 (MM)
WANV VA Waynesboro weak but readable on r/c 0537 8/28 (BP)
KREM WA Spokane s/on 0800 8/21 (BP)
980 KMBZ MO Kansas City in good from 0715-0718 on 8/14 w/ local spots and a PSA. No sign of KFVB, must have been off (JLT)
990 KWAM TN Memphis w/ ID 0730 as "Inspiration Radio" 8/30 fair o/u CBW (MM)
UNID ?? 0717 8/30 weak w/ s/on mention of 1 Kw, s/on to NA WCAZ?(MM)
1030 KCTA TX Corpus Christi on top of KTWO 0730 8/28 (GA)
1080 KHAI HI Honolulu battling WTIC 0448 8/21 u/KWJJ/KRLD OC's All 4 gave ID's in space of 7 minuites (BP)
1090 KNCR CA Fortuna S5 R/S 2234 8/25 (GA) (JLT)
1150 KSAL KS Salina o/u (mostly under) mexican on same channel 8/21 0720-0724/
KAGO OR Klamath Falls dominant w/rr 0136-0205 8/27 (BP*)
1210 WCAU PA Philadelphia N/WX 0622 8/28 (GA)
1240 KBON CA San Bernardino in long enuf for ID on 8/15 @2215 Much QRM for KLAU 1230 Only the 2nd logging on 1240 thanks to KLAU (JLT)

September 23, 1972

Page 19

Western DX Roundup

Typist: Andrew Hecker, P.O. Box 835 Saratoga, CA 95070

1250 KTMS CA Santa Barbara w/ mx, ID 0146 8/20 (RWJ)
CHWO ONT Oakville "Your passport to finer mx" atop w/ soft MoR & ID 0330
8/23 w/KTW off for a change (BP)
CHSM MAN Steinbach poor w/ID for CFAM/CHSM and cl mx 0329 8/23 (BP)
UNID ?? Nx, sx, & wx, "currently 560 at the White Oak", then Cat Stevens
song 0343 8/23 (BP)

1260 KSNO CO Aspen in s/on @ 0800 on 8/14. O/u KPOW. (JLT)
1270 KTFI ID Twin Falls s/on 0713 8/21 (BP) 8/28 (BP)
WHBF IL Rock Island weak u/ CHWK OC w/rr & wx for the Quad Cities 0655 /
1290 KAPY WA Port Angeles s/off w/Battle Hymm of Republic 2110 8/26. Announced
1100 SM s/on (BP*) (JLT)
KSRC NM Socorro, this one is a tentative. Station was giving spots for
Albuquerque and this is the only thing close. In 0915 on 8/14

1310 WRR TX Dallas 8/21 @0713 w/ID. Not enuf for report. Little QRM but lot
of noise (JLT)
1330 KVKM TX Monahans atop w/nx 0730 8/27 (BP*)
1340 KAPA WA Raymond now s/off at 1900 EDT on Sundays. Hours of operation 6AM-
6PM (Mon.-Fri.) (PM)
1350 KKAM CO Pueblo in good w/rr mx and spots 8/14 0830. No sign of KCKC. (JLT)
1370 KGNO KS Dodge City 8/7 0742-0746 w/ local sopt for Jack & Jill Village
Store. Faded @ 0746 during sond (JLT)
KPOS TX Post 8/7 0739-0742 w/program called "Post Time" which is about
football. Station has many ID's (JLT)

1400 KVOY AZ Yuma R/S 0619 9/11 (GA)
KATI WY Casper ET TT 0241 8/21 (BP)
KUNO TX Corpus Christi in SS w/ "Cah Uno" ID 0643 8/21 (BP)
KVOP TX Plainview f/c per list w/ TT & ID 0524 8/21. (BP)

1410 KWYO WY Sheridan fair w/CKVN nulled w/ election returns & MoR 0221 8/23.
Apparently on late for Wyoming primary. (BP)
1420 KULY KS Ulysses 8/7 @0720-0722 fighting it out w/2 others, probably KSTN
& XEXX. TC and local spot. (JLT) (PRK)

1430 WIRE IN Indianapolis-C&W me in fair with CKFH and KLO testing 9/9 0521 /
1440 KOKY AK Little Rock roch s/on SSB 0700 8/21 in mess (BP)
1450 KUDI MT Great Falls ET-TT 0357 8/21 (BP)
LPRT BC CBU LPRT's s/off 8/21 u/CKSP (BP)
1460 KMWX WA Yakima s/on SSB 0758 9/4 (GA)
1470 KDHN TX Demmitt ann as Big Country Radio NX & WX 0717 9/4 (GA)
KLCL LA Lake Charles Id during EDO/WOHO etc.0427 8/28 (BP)
WJDY MD Salisbury f/c per list 0507-0515 8/28, weak but atop. ID's every
minuite, most were at least partially readable. State #44 (BP)
Heard 0507-0515, w/TT. ID0512. State # 45 (MM)

1500 KSTP MN St. Paul on top of KXRK & QRM 0606 8/28 (GA)
1510 KDKB AZ Mesa on top of KSOM 0848 8/28 (GA)
WLAC TN Nashville in clear 0655 8/28 (GA)
KDKO CO Littleton s/on 0737 8/21 (BP)

1520 KACY CA Port Hueneme O/KYXI w/rr & many ads 2236-2248 8/20 (BP)
1530 KCHY WY Cheyenne-now definitely on AN (possibly NSP). Fair 9/4 0634 w/WCKY
and UNID tone tester. Slogans include "Number one in the heart of
America" and "Mountain West 24 hours a day" (PRK) Tent w/mx and
talk?. O/u WCKY 0527 9/4 (MM)
WCKY OH Cincinnati thru KFBK OC 0658 8/28 (GA)

1550 WOKJ MS Jackson rr r/s 0630 8/28 (GA)
CBE ONT Windsor atop w/nx 0505 8/28 (BP)
KKJO MO St. Joseph s/on 0659 8/28 (BP)

1560 WQXR NY New York local anncts. 0305 9/4 (GA) (???, AH)
WDXR KY Paducah AN 9/4 MM w/audio portion of Jerry Lewis Telethon giving
phone #'s for Kentucky, Ill., Mo. etc. listen&s to call (BP)

September 23, 1972

Western DX Roundup

Typist: Andrew Hecker, P.O. BOX 835, Saratoga, CA 95070

1590 KTIL OR Tillamook now sings off at 2100 EDT, on Sundays. Hours Mon-Sat. are 6 AM to Midnight (0900-0300 EDT). (PM)

1600 KCRG IA Cedar Rapids atop 0615 8/28 w/rr or similar mx (BP)

WAY OUT OF ORDER:

740 UNID ?? Weak in FF 0350-0359 ?? (MM) With FF talk show or such w/ several voices, 0350-0359 9/11. no ID KCBS threw up their carrier (AH)

Hi fan,

Now back from Japan. Did DX but I heard so many stations that it will take me a month to compile what I heard. I pity FJP if I decide to send it in (to help the contest, hi). KLOK is NSP (!?/#@%&*). GA, a MM ARB is Mike McCullough's ARB (now with a Q-5er). I recieved a late report from PJW, asking for my guidelines for reports, and since most people don't follow any now I think I will list them:

1. Double-space reports, between frequencies, at least.
2. Please label reports with your initials.
3. Use abbreviations when possible (state, and IRCA common abbreviations)
4. Seperate f/c's as I hope to list them separately.
5. Deadline here is Thursday, 1200 (1500) 9 days before publication, as I have most of Thursday off.
6. Please add times in PLT as well as ELT, (to save conversion, and get around the rule of time)
7. Say what ever you want, as I will not cut it, but please keep it short.

I will be starting at California State University, San Jose tomorrow 9/18, so I may have more trouble typing this each week, so what, hi. SAN JOSE IN 1974.

THANKS FOR A JOB WELL DONE Your publisher thanks Aris Papafingos for the many hours spent recently helping with club work. Aris set up the necessary card files and label envelopes, a total of almost 1500 labels to be gummed and attached. In addition, the typing was proofread and the envelopes for the last bulletin were cross-checked with the card file to make certain every label was correct and that every member received a bulletin. Testimony to the fine job of proofreading is that not a single member has reported an error generated in the conversion from computer labels to mimeographed gummed labels. However, if you do find an error, please let DEE know. And if you'd like to experience the thrill of attaching almost 500 pieces of gummed paper to envelopes, let me know as additional help with club work is presently very much needed. Thanks again, Aris! -DEE

Association of North American Radio Clubs

-Dr. Richard E. Wood, Dept. of For. Languages, LSU, Baton Rouge, LA 70803

I am writing as an IRCA representative to ANARC to report on a current question under discussion in ANARC. An official IRCA position on this must be formulated before we vote; therefore, please send your opinions to me or the other ANARC reps. ANARC is sponsoring an all-purpose, all-band country list. Well-known SW DXer Don Jensen has brought up, in this connection, the question of the "dead", "inactive" or "retired" radio countries (such as, for example, Portuguese India, which I myself verified on MW, from England). Don does not wish to see the experienced DXer, who heard a country 20 years ago, penalized simply because, for political reasons outside his control, that country no longer exists. The counter-argument among newer DXers is they have never had a chance to hear that country, which never existed in recent times. Another, compromise, suggestion is a split list, in which people's totals would be expressed in terms, first, of active countries, then of retired countries. I have never been much of a country-counter, myself, but as a vote will probably be taken by ANARC club reps, I would like to have your opinions.

-Dr. Richard E. Wood, IRCA's voting ANARC representative
(Other two ANARC reps for ERCA are Father Jack Pejza and Percy R. Kesteven)

Greetings group. Sorry that I wasn't able to attend SANDICON, but more or less at the last minute, my company decided to send me to exciting Cheney, WA to monitor a workshop. Have enjoyed the several visits and phone calls from vacationing DXers passing through Orygun: Ed Krejny and Dave Prather, who flew in from Cleveland and Woodland, respectively--twice--to see our Top of the Cosmo (we only have the one in Kennewick left, guys) and vie with the Acrostician; Richard Wood, here to teach a class, evangelize on behalf of FM DX, and attend the International Esperanto Conference here; and George Kesteven, who camped virtually under the KGW towers to improve his DX possibilities. All are welcome here. The car rallying season is now a little over half finished, and I've been traveling throughout the Northwest in search of points, trophies and money. I've made the big switch from driver to navigator this year, and although things look different from the right side of the car, we've managed to work our way up to first place in the Northwest standings; winning the last three events after a rather poor start earlier in the year.

Parker Moore - 4626 Dunbar St. - Vancouver 8, B.C. CANADA

Hay there. CJOR has really been making the news lately with such features as Prime Minister Trudeau and hijacking coverage of a United Airways jet, but most important is a new transmitter. No more parasitics! Personally, I found the best coverage of the hijacking on 129.4 MHz, hi! A very pleasant vacation this year at Kentucky Lake in the B.C. interior. Nice to get away from RF pollution for a while....even picked up KFVYR-FM in Bismarck, N.D. I freaked-out quite badly so maybe I'll get into FM DX one day. Anyone interested in buying a MSCCB (military surplus crystal calibrator, known as the "brick") contact Brian Wing. (It's bulletproof!) CJOR is thinking about an FM stn and a TV stn. CHQM is thinking about a TV stn. Vancouver has only channel 10 left for use, so we shall see. Good luck to everyone in the GOATBPSLC! Bay now.

Brian Wing - 2366 W. 20th Ave. - Vancouver 8, B.C. CANADA

Hi there! Remember me? Have finally recovered from the dread summer disease called "Paralysis of the Knob Flicking Finger"! I managed to keep awake into the wee hours of Labour Day mourning to yield one station; namely CHNL-610, previously nearly impossible due to CJOR's nasty contribution to a noisy band. Just recently, they installed a new transmitter replacing the one that gave CJOR-527, 580½, 621, 672...Their worst parasitic that they have yet to dispose of is on 600 kHz (or KHz)! The interest in DX is back, the good DX though seems to arrive when I'm asleep. Dem's de Breaks. On a lighter note, the wheels have been set in motion for me to get a Digital Frequency Counter in the form of a kit. I've had a RF Frequency Generator (Heathcrap IG-102) for some time now and it looks like it's going to be put to a darn good use. Would anyone like to buy a Military Surplus Crystal Calibrator Brick? It's got three "valves" in it; all 12SC7, needs 200-250 VDC and 12 VAC or DC, puts out 1000, 100, and 10 kHz signals (switched), and is going for \$5.00 if you pay the postage, all 5 lbs. worth of it. Any interested partys pse write. 73's and le Meilleur DX.

Wm. Larry Cowles - 362 W. Marcus Drive - Tucson, AZ 85706

Hello again. Been doing some DX despite the still heavy static levels. Most new ones are on freqs adjacent to locals. My new location puts me just far enough away to put a good null on some of them with the loop. In fact I can null KIKX-580 out completely. Latest veries: KBLW KVOL KTAC KGMS KCRC KRAM KPIN KIMN & WNBC. KOTS of Deming, New Mexico has a regular f/c every three monthes on the 26th at 12:45 a.m. CST, except April, July. The next one in October I think. CE says he uses a TT for 15 min. As of late I've been doing a little house cleaning for the fall including checking tubes in the ole rx and building a new loop. One of these days I have to get up enuf energy to put a longwire. Till next time, 73's.

Well, after three years in the 4500 feet above sea level geography of Susanville I'm back to the Sacramento area, as the new indicates. Not much DXing from here since I'm not settled in yet. But the little I've been able to turn the dials it looks good. Caught the KORL program which I arranged on 9/1/72 and thought it was well done. CE was incredibly friendly and helpful. Trying to arrange another of the same kind of program with KOY-550 for Nov. Having joined the Poor Reports Committee, I hope to get around to KROY/KNDE/KFBK/KRAK, etc. and check out their reception reports. Some I saw at KSUE were atrocious. Not much else happening so good DX Season to everyone. Since I have a phone now, my number is 916-332-4240 if anyone needs it, but no collect calls. 73
Gary Elston - 310 Crestview Dr. - Santa Clara, CA 95050

It's been a long time since I was last in the blue pages. I just renewed my membership for the third year so I will still be around the club for a while longer. I'm entering Santa Clara University this year and I imagine my DX time will be very limited. I have been DXing quite a bit this summer with quite poor results. My totals seem stuck between 750 and 800 stns hrd. I haven't hrd a new state or country in a very long time. I DX with my HQ-140 which works fine on AM but for some strange reason its SW band from 3.2-5.7 mcs, is not working. All that I hear there is very loud static. For those freqs I'm forced to use my Panasonic portable which, off the same antenna, works quite well on that freq range. Peculiar that all the other bands on my HQ work perfectly except that one. Anyone who can shed any light on my HQ's problem please write. So long for now and best of DX to all.

John Kolb - 4026 Ingraham St. - San Diego, CA 92109

I feel I must enter the great kilohertz controversy. Scientific abbreviations are determined by scientists, not English teachers. Has anyone ever seen Einstein's formula for the general theory of relativity written as $e=mc^2$? No, because C stands for the speed of light, c stands for curie. Yes, ohm is usually written with a small letter when the entire word is spelled, but, the abbreviation is the Greek capital letter omega. The small letter omega stands for 2 pi times freq, and you can't punctuate these to your taste by the rules of the English language. Scientific abbreviations are decided by committees of scientists for use throughout the world, and are not subject to the particular linguistic laws of any given nationality. The proper ab. is kHz...

Albert S. Lobel - 4545 55th St., Apt. 6 - San Diego, CA 92115

Hi to all! I am planning a DX get-together at my place on 21 OCT. All interested DXers are invited. Slides of the IRCA Convention in San Diego will be shown. Please write or phone if you plan to attend so I know who and how many to expect. My telephone # is (714) 286-3668. DON'T CALL COLLECT. I WILL NOT ACCEPT THE CHARGES. If you want directions on how to get to my place, let me know. 73 and good DX.

GO Contest Dr. Jay Molar's "Grand October Across the Big Pond Simultaneous Listening Contest" (GOATBPSLC), pronounced Goat Blisk, is just around the corner. Pages 7 and 8 of this issue is your Entry Form; you need not use that form; a facsimile is fine, or you may obtain copies from DEE. Please remember that Jay has promised special articles based on what is and is not heard during the contest blocks. You may not rack up a great score but what you do hear will be of interest to all and of value to Jay. Those new members who do not have a copy of the August 12, 1972, DXM and would like the contest rules (pages 5 and 6), drop a SASE to DEE and you'll have a copy within days. Briefly, the contest requires logging TP stns, those across the Pacific Ocean, such as those of Australia, New Zealand, China, Japan, Hawaii, Korea, and so on.

IRCA Domestic and Foreign Contests Notes These two clarifications of the rules were issued: In the domestic contests, please include the time of the logging in ELT. In both contests requiring veries, taped veries do NOT count. Contest rules available from HQ for SASE.

THE EARLY DAYS OF DX'ING:

SO YOU HEARD 3XN -- WAS IT IN WHIPPANY, NEW JERSEY?

by Gene Martin

The establishment of the first 50,000-watt transmitters west of the Appalachians was a major event in radio history in the United States. In the days when stations placed a premium on the skywave and service to large areas, the first 50-kilowatt stations in Cincinnati and Chicago became the first stations actually able to serve tremendous areas of the nation.

In the fall of 1927, 50,000-watt stations were located in New York, Schenectady, and Pittsburgh -- WEAJ (now WNBC), WGY and KDKA, respectively. However, transmission conditions were and are always unfavorable in the region from Pittsburgh on eastward, and none of these three ever managed to deliver a potent signal across great distances. WJZ, New York (now WABC), was rated at 30 kilowatts.

The story of high power at Cincinnati began in another place altogether, with station No. 296 in my logbook, a mystery station in a strange place and with a totally different sort of call letters. The notation reads, "3XN, Whittany, N.J., 428.3 meters, Bell Telephone Co. experimental station. Organ, Song of the Wanderer, testing, 11:40 p.m. Nov. 4, 1927." It was not until some time later that I learned the name of the town was Whippany, and that there was good reason for testing on that wavelength, which is 700 kc.

As it turns out, this same transmitter makes a second appearance in my DXing records, as No. 396, on Oct. 18, 1928. The notation reads, "WBXAL, Cincinnati, Ohio, Channel 70, 50,000 watts, 11:29 p.m., testing," and I added the comment, "Tremendous signal strength." At that time, I was living in Dallas, my DXing location from 1926 to 1931.

I do not know whether Powell Crosley commissioned Bell Telephone to build that transmitter for WLW, or whether Bell built it on its own first and then sold it to Crosley, but whichever way it was, that transmitter first took the air in New Jersey. It soon supplanted the 5,000-watt WLW of 1928, and the radio audience across the nation got its first taste of a full-time, far-ranging skywave service. WLW was commonly described as "like a local" at night from Maine to Texas, and from Florida to Montana.

Today's DXers should remember that these were the days of flat-top transmission antennas which radiate highly-superior skywaves, as compared to today's vertical radiators. As an old-time DXer, I am halfway persuaded that today's 50-thousand-watt stations deliver skywaves not much stronger than the 5,000-watt transmitters of that era. The present WLW with its vertical radiator concentrates remarkably-steady signal strength within about 175 miles from Mason, Ohio, at which distance its first fading zone begins. The purpose of the vertical radiator is to improve the signal in the primary area, yet it reduces it at distant points.

Meanwhile, the first 50,000-watt station took the air in Chicago. It made its first appearance in my logbook on March 27, 1928. The notation reads, "W9XF, Downers Grove, Ill., 288.3 meters, (1040 kc) 50,000 watts, 4:06 a.m. The new transmitter of WENR-WBCN."

WBCN of that day soon merged into WENR and became extinct, which is the story of so many old stations. After this, the 50-kw WENR divided time for about three years with a 5-kw WLS until the latter began using the same transmitter, too. It was in the 1940's when the newborn ABC Network purchased both stations, put the venerable WENR to death, and left WLS as the 50-kilowatt survivor.

(For at least 35 years of its life, WLS was mainly known as a country music station on a par with WSM. The younger generation of the Thirties, Forties and Fifties would not have been found dead listening to WLS.)

By the fall of 1928, two 50-kw stations were on the air in the Midwest, but the Chicago station was only a half-time affair, and its program quality never came up to the fine signal it radiated. Meantime, WLW was beginning its astounding 25 years in which those call letters became the most distinguished in the world, and a professional career at WLW became the equivalent of a degree from Harvard. Many major contributions to big-time radio, both in program fare and commercially, were

originated and perfected in the old Arlington Street headquarters of WLW in Cincinnati's Mill Creek valley. I will name just one, the first soap opera: "Ma Perkins." Some may sneer at the soap opera, but also remember that it dominated daytime network radio for 20 years. NBC filled the daytime period with about eight hours of soap opera, and CBS "soapers" weren't far behind. Soap opera was born at WLW.

No other station ever influenced the whole structure of broadcasting to the same extent, and set the standards for excellence over such a long period of time. WLW spent heavily for talent and program development in these early days before radio fully realized it was soon to be the No. 1 advertising medium.

Within two years of the inauguration of 50,000 watts at Cincinnati, WLW advertising rates were the highest in the nation. Programming enterprise hitched to that far-ranging clear channel signal gave it a large and far-flung audience numbering in the millions. As a slogan, "The Nation's Station" contained as much truth as puffery.

In the period of 1929-30, there was even a small station in the Arkansas Ozarks which relayed WLW after sundown as its regular night-time program fare, taking Cincinnati right off the air and feeding it into the transmitter. I can't imagine how they handled the commercials, or if they carried them gratis. I believe this station was KFPW, Siloam Springs, Arkansas.

On November 10, 1928, the Federal Radio Commission announced grants for higher power to many stations, and the system of classifying frequencies as clear, regional, and local was discernible for the first time.

Stations authorized to build to 50 kilowatts included WSM, KMOX, KFI, WTIC, WJZ (now WABC), WBAP, WFAA, and WOAI. Ten-thousand-watt authorizations were given to KRLD, KGO, WHAS, WCCO, and WFFF (now WTOP). KOA was authorized to build to 12,500 watts.

Five-thousand-watt grants went to WAPI, KNX, KPO (now KNBR), WSB, WMAQ, WOWO, WOI, KWKH, WWL, KFAB, WPTF, WRVA, KJR, WWVA, WRR, KYW Chicago, KTNT Muscatine, Iowa (now extinct), and KFKB, Milford, Kansas, the ancestor of the present KFDI, Wichita.

(KYW is the most extensively-traveled set of call letters in radio, for Westinghouse has transferred it from its original Chicago to Philadelphia to Cleveland and back to Philadelphia.)

Various small stations now set out to become as large as the major powerhouses of WLW and WENR. For the Dallas Morning News, this meant building WFAA from 500 watts to 50,000, and for Earle C. Anthony, the Los Angeles-San Francisco Packard automobile dealer, it meant raising KFI from 4,000 to 50,000.

The race to become the 6th 50,000-watt station in the U.S. was won by WFAA, which took the air May 10, 1930, on 800 kc. WFAA was the first 50-kilowatt in the South, and the first one west of Chicago. For the delivery of a potent skywave, WFAA outperformed both WENR and WLW, an outgrowth of its more Southern location. During the years of its flattop antenna operation with 50 kw, I heard it with the greatest volume from Colorado, Northern Wisconsin, New York City, and many other points between. The WFAA flattop was mounted on 300-foot towers, 700 feet apart.

WFAA was another half-time station, sharing 800 with a ten-kilowatt WBAP, which never got around to building its own 50-kw plant. By the late 1930's, however, WBAP was using the WFAA transmitter at Grapevine, equidistant from Dallas and Ft. Worth. Then in 1970, WBAP took over this transmitter full-time and WFAA dropped to the status of a 5,000-watt regional station at 570. WBAP paid \$3½ million to WFAA as this switch was made.

By November of 1930, three more 50-kilowatt stations make their appearance in the listings: WOAI, KMOX and WTAM (now WKYC). WGN and WBBM are rated at 25 kw at this time while WBZ is listed at 15 kw.

Almost a year and a half later, February, 1932, the 50-kilowatt ranks have been swelled by KFI, WTIC, WABC (now WCBS) and WLS, which had begun to hitchhike on the WENR Downers Grove transmitter. WBZ, by this time, is up to 25 kw, while WJR and WCAU are listed at 10 kw.

Radio Index ("Radex") of February, 1932, also shows the existence of a split-frequency pest of the worst order, XER, 75 kw, at 735 kc, Villa Acuna, Mexico. This was the relatively short-lived border station erected by Dr. John R. Brinkley of

Milford, Kansas, known far and wide as the "goat gland surgeon," and in bad repute with the American Medical Association. I don't recall when XER suffered its demise, but it took place years ago.

(Ed. note: Dr. Brinkley started KFKB, Milford, and moved to Mexico after the Federal Radio Commission, predecessor of today's FCC, revoked KFKB's license, the first U.S. radio license to ever be revoked for non-technical reasons. The existence of XER on a split frequency probably led to the establishment of the six Mexican clear channels in the 1940 NARBA, three of which program XER-type programs in English to North America with super power. -BH.)

As the 50-kilowatt spread across the country during the mid-1930's, WLW could foresee its own position of eminence threatened, and reacted in characteristic fashion. In the summer of 1934, W8XO began test broadcasts from Mason, Ohio, 500,000 watts on 700. By the following winter, this had become the regular WLW transmitter, and that stentorian voice could be heard over much of the world. WLW engineers in the late 1940's showed me a greatly-prized reception report of 1937 from King Haakon VII of Norway. He was a DXer too, and was reporting fine reception of Cincinnati in the Royal Palace.

WLW with half-a-million watts remained the giant of American radio for seven years. Its coverage was so great and its commercial rates so high that only national sponsors could afford it; thus it competed for sponsors with the networks rather than other stations in its immediate area. As a point of interest to DXers, the WLW engineering staff numbered about 60, and the total payroll on the station numbered as high as 600. It was the third largest radio payroll in the nation, exceeded only by NBC and CBS.

What was it like listening to a 500-kilowatt station? My interest in DXing had waned during these years, but I listened regularly to it from Texas, Kansas, and Colorado. It was substantially stronger than the 50-kilowatt WLW, all right, but probably no more than twice as strong. On this point, I would like to hear from club members who go that far back, who also pondered that question at that time. 500 kilowatts is how much stronger than 50?

In 1935-38, I worked in the KLZ newsroom beginning my career as a radio news writer and news editor. We regularly monitored the 11 p.m. WLW news show with Paul Sullivan, using a Hallicrafters, its aerial on the roof of the Shirley-Savoy Hotel in downtown Denver. We were mainly interested in picking up pointers on style and technique, and the Paul Sullivan news was the best educator in the business. But I do remember that it boomed into the newsroom with scarcely a ripple of extraneous noise. It was superb.

Of course, I didn't dream at that time that in another ten years, I would find myself writing the 11 p.m. WLW news for Peter Grant, and that I would spend 1944-1950 at "The Nation's Station."

Seven years of 500-kilowatt operation at WLW was brought to an end through the old American mistrust of bigness and competitive pressures translated into political action. No other station had followed WLW into the use of super-power, although the road was open for any station which wanted to vault into the Bigtime.

Over the years, many stations in the eastern half of the nation found that they were losing sizeable portions of what they had thought was their audience to the big station in Cincinnati. It is at least possible that some of those listeners had gravitated over to 700 because they preferred what they heard there.

But then, as now, radio station managements had a tendency to take their competitive problems to Washington for a solution. Many other stations wanted WLW muffled, and their combined clamor finally reached Capitol Hill. Senator Burton K. Wheeler, Montana Democrat, introduced a resolution expressing it as the sense of the U.S. Senate that no American station should be permitted to use more than 50,000 watts. The resolution was adopted in 1941, and WLW returned to being a 50-kilowatt station, the giant brought down by pygmies.

Unless things have changed recently, that half-million-watt transmitter is still housed intact there at Mason, Ohio, lined up along 40 feet of the north wall at the WLW transmitter.

The Wheeler resolution was adopted more than 30 years ago, but its effects were

far-reaching, and they are still with us.

For one thing, it committed the U.S. to a policy of limiting the kilowatts. This is the reason why the largest American stations today are considerably less powerful than in many other countries of the world.

The limitation on power also set the stage for the incredible number of AM stations existing today, the bedlam of thousands of small voices, each of them reaching a sliver of audience.

Out of this vast proliferation of stations has come that other aspect of broadcasting, carefully-contrived program formats in which each station seeks out a narrow niche for itself and slavishly adheres to it. Stations have turned to narrow specialization as a means of economic survival in the over-crowded broadcast spectrum. The competitive struggle is going to be intensified in the future through the growth of community antenna television systems with many spare channels capable of feeding audio programs into homes by direct wire, thus abolishing radio.

As an un-reconstructed oldtimer, I cannot see how the present number of AM and FM stations can continue to survive economically. A spokesman for the Colorado Association of Broadcasters paints a gloomy picture already; he says about one-third of the radio stations in this state are losing money -- another third are breaking even -- and the other third are making a profit.

Finally, I nominate as the worst thing which ever happened to radio broadcasting in the U.S. not the birth of television, but the existence through all these years of a Federal Communications Commission which never knew when to stop issuing more licenses.

--by Gene Martin, 3303 E. Evans Ave., Denver, CO, 80210.

Once again, many thanks to Gene for a dynamite article.

WMT-600 IS 50 YEARS OLD July 30, 1922, 50 years ago, radio station WJAM, forerunner of today's WMT, Cedar Rapids, Iowa, went on the air with two carbon transmitters (the word "microphone" hadn't been invented yet), a 115-foot tower, a "powerful" 20-watt transmitter, and high hopes.

WJAM was the project of Douglas M. "Tex" Perham, who designed and built the first five wireless stations in the United States. The first broadcasting equipment was housed in a converted garage on the west side of Cedar Rapids. Soon after the first broadcast the studios were moved into three rooms of Perham's home at 322 Third Avenue SW. The antenna and transmitting tower were mounted on the roof.

The early studios were designed by Mrs. Helen Kacena Stark of Cedar Rapids. An early description reported, "The studio is entirely draped with heavy pleated drapes which are suspended on brass rods which hold them four inches away from the walls. Doors and windows are heavily curtained. No visitors are allowed inside the building when programs are being broadcast, owing to the fact that the slightest noises are readily picked up and transmitted."

At first, WJAM was on the air only one hour a day, from 7 to 8 p.m. All of the first programs broadcast were music.

During the course of various sales and mergers the station acquired the call letters WMT. In 1968 the station was purchased by Orion Broadcasting of Louisville, Kentucky. (From Des Moines Sunday Register Iowa TV Magazine, July 23, via Keith Mehl)

KWLG-1530 GETS TEMPORARY LICENSE The FCC has granted a temporary license to NEO Broadcasting Co. to operate radio station KWLG at Wagoner (Oklahoma).

The firm is owned by Charles R. Ingram, who resigned recently as manager of KSEK, Pittsburg, Kansas, and Robert R. Toon. The FCC lifted the station's regular license last year. (UPI Washington story in Aug. 16 Tulsa Tribune, via Jim Boyd.)

This is typed Sept. 1st. In August KGHO billed the largest amount in its history, so it's amazing to me that I actually found time to type $3\frac{1}{2}$ pages of Gene Martin and $1\frac{1}{2}$ pages of other items! Broadcasting mag stuff and a few odds and ends should be in the next issue. That's just two weeks now, so I think we can wait, hi. BH.

Quentin K. Brown
59 Kenilworth St
Ottawa, Ontario
Canada K1Y 3Y5

INDIANA

Page 27

The Hoosier State seems to be one of those states that turns its back to the west and faces east. The 1190 powerhouse, WOWO makes for easy reception on the east coast. In the midwest, look for WOWO-1190, WFBM-1260, WIFE-1310 & WGEE-1590. Further west this state becomes a thorny problem. WIRE-1430 is the only consistently hrd stn on the WC; WIBC-1070 & WFEM-1260 die at the Rockies. WIFE-1310 & WOWO-1190 will rarely make it to the coast. Another hindrance to western reception is the preponderance of stns with directional patterns north-south with stiff nulls west (WBAA-920, WSBT-960, WGL-1250, WWCA-1270, WJPS-1330, WRSW-1480 & WAKE-1500). Daytimers to note: WRIN-1560 both east and west, and WGOM-860, WREY-1290 & WTRE-1330 southwest.

To further explain why few DXers have many Indiana loggings here's Dave Faulkner. "Indiana seems to have gotten into the radio business rather late in fact. It seems that, on a quick check on the dates of the stns, that, while there are some older stns in the large markets dating from the 20s & 30s, most stns date from the middle 50s, middle 60s or 1971-. The late 40s also saw a bit of stn-building but not as much as in other areas of the country where the stns built in the late 40s make up the greatest number of stns on the air. As a late-comer and sandwiched between the populous states of Ohio, Illinois & Michigan, Indiana had to take a back seat in stn building as the good frequencies went to the bigger states. (Having Louisville on its southern border doesn't help either). The result is a lot of weak, or super-directional daytime or fulltime stns built after the great radio boom in the adjacent states. This leads to a much tougher job in hearing Indiana stns."

- 810 WATI Indianapolis, 250d PSA 250, MoR. Fine signal on groundwave but few reports at any distance due to skywave QRM from other stns in the midwest on this congested frequency. Quick v:f.
- 820 WIKY Evansville, 250d, MoR. Another stn w: a decent groundwave sig. but difficult at SS due to WAIT & WBAP. Groundwave sig. goes right up to the dominant areas of WAIT-Chicago & WOSU-Columbus but at SS, WBAP penetrates within 30 miles of Evansville. V;L.
- 860 WGOM Marion, 250d, R&R, Ac. Very sharp null for CJBC-Toronto resulting in a broad SW-S-SE bean. Good reception in S. Ohio & up as far as Chicago if you can null WNOV-Milwaukee. Erratic verifier.
- 920 WBAA West Lafayette, 5000:1000, 0700-2015 exc. Sun. & holidays; educational, class. mx w: R&R eves. ND sig. days w: a very tight northerly sig at night w: nought E, W or S. Owned by Purdue U. Hrd widely on several past DX tests. Daytime signal to Chicago & SE Ind. Days, blocked W by WGNU-Ill & N by WOKY-Wisc. Nights, rare to Ohio & occ at SRS to Mich. N, rare to Man w: much QRM (WOKY CKCY etc). Best b4 pwr drop: pattern change at SS. Begun in 1923 on 834 kh w: 20w. Later increased to 250w. Prompt v:l.
- 930 WHON Centerville, (add. is Box 295, Richmond 47374), 500d PSA 500, R&R, Ac. Tough pattern to describe. Imagine a sculpture of a head & shoulders. Centerville would be at the neck and the head would be a broad beam N w: a sharp null NE to protect WBCK-Battle Creek Mich. And the shoulders rep. a broad S bean. Liscenced to Centerville but serves Richmond area. Good to Ohio but rare elsewhere. Non verifier.
- 950 WXLW Indianapolis, 5000d PSA 500, R&R, CBS. Beans all signal south & will be fady N of Naptown on I 465 ! SoM # 5 Page 31

- 950 WXLW (cont'd). Good R&R stn competing w: WIFE. E, good to Dayton O, further E, is rare to Mich w: WKTS w: WWJ nulled. Rare W to Mo w: KLIK-Mo. Non verifier.
- 960 WSBT South Bend, 5000 D & N, 0630 (0855) - 0005, RR-MoR, CBS. The oldest stn in Indiana (1921) sends its major lobes E & S days to protect WGRT-950 Chicago. Nights, major lobe N. Look for them E to Mich b4 pattern change. Naturally an exc. sig N nightly to Man. w: CFAC & KMA. Nothing much W tho will occ reach Mo. Has been hrd in Alaska. Nice v:l.
- 990 WERK Muncie, 250d, R & R, Ac. Strong beams N & W to protect WITZ-Jasper Ind. Good N to West Mich but harder further E. Hard DX in midwest, V:l.
- 1010 WCSI Columbus, 500d, R & R. Recently changed to Rock nx to compete with the Naptown market of WXLW & WIFE. Good verifier.
- 1050 WTCA Plymouth, 500d PSA 250, MoR. Directional pattern N - S protecting WLIP-Wisc & WPAG-Mich. Strongly aimed at South Bend market. One to look for on PSA pwr. Mixes w: WLIP & WDZ-Ill to the W. V:l.
- 1070 WIBC Indianapolis, 50000:10000, NSP off occ MM for ET's, runs OC & some TT, MoR - R & R. ND daytime pattern covers all Ind, parts of Ohio, Ill & Ky. Six towers send a nighttime super strong lobe SE (towards Cincinnati) with a little off the back NW to Chicago. E, signal is strongest SE of stn & gets weaker as you move north toward Canada & CHOK & CBA. Exc to Va & Ohio, fair to Md. Up to NY & sig still fine esp after CBA 0015 s:off. Further N, in Mich audible now that CHOK has ceased AN operation. In Ont poor at SS w: much QRM & occ on MM. Rarer in Quebec. Northward, to Man w: much KNX, WTSO, CHOK QRM. W, occ to Mo eves w: strong QRM & on to Colo w: fair sig MM mixing w: KENR & occ WDIA w: KNX off. If KNX is on, then hrd more weakly. Unrpted W of Rockies. V:q.
- 1080 WNWI Valparaiso, 250d, instrumentals & some vocals. ND. Another daytiner with a fine groundwave sig. Mixes W w: WPOK-Ill around Joliet; hrd regularly into Mich & has been picked up on the beach in the daytime in Milwaukee over a largely water path. No PSA yet, though. V:l.
- 1090 WFWR Fort Wayne, 1000d, C & W, Ai. Dir. pattern has severe null E to protect WNWI-1080 & WIBC-1070. Disappointing signal W despite beam. Best N to the South Bend:Kalamazoo area. V:l.
- 1110 WHYT Noblesville, 250d, MoR. "Suburban Radio." Six towers beam a very narrow signal S protecting WMBI-Chicago & WELX-Xenia. Call letters stand for the White River on which stn is located. Tremendous in the deep south & totally impossible elsewhere! Send rpts to: 10670 Highland Dr., Indianapolis, 46280.
- 1190 WOWO Fort Wayne, 50000 D & N, AN SP MM 0105 - 0500, R & R. Like WIBC, turns its back to the W and beams E. Tremendous signal along the Eastern Seaboard & is best bet for Ind. in E. Northward, nice to Man o: CFSL & KEX. Strong CFSL SS QRM. Has made it right up to Can on a quiet winter's day. Different story W (as usual) as stn has to protect KEX & KLIF. Over & u: KLIF to Mo. On to Colo & they're next to imp, occ at SRS when WOWO goes to ND. Very rare on the WC, best time should be SunM 0300-0700 w: KEX off & then best after 0600 when signal has built up. Look for mentions of "Group W." Sends a quick oversized v: folder from the CE.
- 1230 WJOB Hammond, 1000:250, MoR days, teletalk eves, soul AN, AN SP MM
SoM # 5 0100-0700. Poor days, fine NE nights. Nice QSL sent. P. 32

- 1250 WGL Fort Wayne, 1000 D & N, 0535 - 0035. Day pattern beamed NE, zilch elsewhere; nights a figure eight NE SW, again nought W. E, occ to Ohio w: WTAE-Pa & on to Mich SRS b4 CJKD MM s: on. N, rare to Man. W, fair to Ill, unrptd further W. Reluctant verifier.
- 1260 WFBM Indianapolis, 5000 D & N, AN SP MM 0030-0500 w: ET w: TT, nx, t talk & MoR, NBC. ND days, broad figure eight N - S nightly. AN sked makes for fine reption. Strong E to Ohio, to Mich after 0000, to NY w: severe WNDR NSP QRM. N, to Man easy w: CFRW-Man & KPOW-Wyo. Look for WFBM in the W. Good to Ill w: WIBV-Ill (the stn WFBM's supposed to protect), on to Mo after WIBV s: off, further to Colo on MM 0500 s: on w: slight KYA-Wash QRM. Nailed at the Rockies - KYA. Quick v:q.
- 1270 WWCA Gary, 1000 D & N, AN SP MM 0100 - 0600, MoR, Ac. Same pattern D & N. Severely dir N - S & can hardly be hrd ten miles E of xr due to WHBF-Ill & WXYZ-Mich. As expected, unrptd E, fine sig N to Man o: WHBF & Cuban humm & unrpt in the W. Prompt v:q.
- 1270 WCMR Elkhart, 5000:500, 0545 - 2310, MoR, MBS. Different pattern D&N. Days: N - S to protect WXYZ & WWCA & just barely covers South Bend. Nights: signal lobed N only. Look for this one NE at SSS b4 pwr cut & patt. change. Good to Mich outside WXYZ coverage area. Impossible to the west. Large brochure and v:l sent.
- 1280 WGBF Evansville, 5000:1000, 0700 - 0100, MoR, NBC. ND days, dir N nights. Thusly, strong N o: KTLK-Col & CHAM-Ont & on to Mich often in the eve. Fair sig W, good to Ill w: WMRO-Ill & occ to Mo. V:q.
- 1300 WHLT Huntington, 500d PSA 500. Rare stn. Every watt sent N to protect WIFE-1310. Clobbered W by WTAQ-La Grange Ill, N by WOOD - Grand Rapids Mich & E, by WMVO - Mount Vernon, Ohio; all three stns cutting into WHLT's 15 mv coverage area. No wonder it's hard to hear !
- 1310 WIFE Indianapolis, 5000 D & N, NSP, R & R. ND days, clover leafed pattern nightly w: lobes NE, SE, SW & W. Yes, West ! Top rated R & R stn in Naptown the signal is not grade 'A' over all of Indianapolis. E, strong to Ohio, often to Mich (esp MM) w: CFGM & CKOY-Ont QRM. Good to Ont w: same QRM. Poorer N, w: severe KWOX-N.D. & WIBQ-Wisc QRM. Definatly one to look for W. Fine always to Ill w: WNIC-Mich, easy to Mo, still good to Colo on a MM w: WRR-Tx & KBUZ-Ariz & on to Cal. Rare, however to Wash-Ore. Easiest Ind stn to Hawaii. Sends a v:q.
- 1340 WTRC Elkhart, 1000:250, 0600 - 0000, NBC. Mixes w: WJOL-Joliet Ill to the W, WLBC-Muncie Ind S & WLAV-Grand Rapids Mich N. Poor gw signal. Used to have r:c w: warbling tone on 2nd MM but not hrd lately. Has FM affiliate WFIM parallel oves w: RR.
- 1350 WIOU Kokomo, 5000:1000, AN SP MM. Different pattern D & N. Days: all signal beamed in a broad north lobe. Nights: much tighter north lobe w: minor lobe south to protect WXCL-Ill & WSLR-Ohio. Nought due east or west. E, fair to Ohio outside WSLR coverage area, best to Mich SSS w: WSLR, once to Que w: strong WSLR QRM at night. Naturally strong N to Man w: KRLC-Ida & WXCL-Ill. KRNT-Ia is the QRM in Ill & on once to Mo at SSS. Desperate verifier, occ v:ppc
- 1370 WTTS Bloomington, 5000:500, 0500 (0600) - 0200 (0000), R & R, Ac. Dir days to protect WPRC-Ill. Nightly, a 'L' shaped pattern N & SE to protect WSPD-Ohio. Absolutely imp in the E due to Speeder & struggles W to Ill w: WSPD also. Reluctant, occ v:f or v:r.

Indiana SoM Page 4

- 1380 WMEE Fort Wayne, 5000 D & N, AN SP MM 0200 - 0600, Drake R & R w: 20: 20 nx. Very broad figure eight n - S dir. pattern. The only Drake Rocker in Indiana is contemplating the unforgivable, going NSP. Indeed, they may be NSP by the time you read this. And if WMEE goes NSP then WOWO is sure to follow. E, fine sig to Md, to Mich (after WPHM s:off), to S Ont (after CKPC s:off), to E Ont and Que (after CKLC s:off), to N.Y. (after WBNX s:off). Tremendous N to Man w: KLIZ-Minn. Superb W to Ill w: KWK-Mo. Competent to Mo outside KWK coverage area. (Would become a sure bet all over Mo if they go NSP & stay on after KWK). Westward to Colo MM 0500 s:on o: KRKO. Tentatively to Wash w: KRKO off. If they do go NSP they would become the best bet for Indiana. V:l.
- 1400 WBAT Marion, 1000:250, 0530 - 0000, MoR. Incredibly, their DX test was hrd from Long Island, NY right across to Wash. Exemplifies the power of code ID's. Was hrd in 16 states & 4 provs. V:l.
- 1410 WAZY Lafayette, 1000d, R & R w: old album cuts, Ae. Dir N - S to protect WRMN-Ill & WING-Ohio. Off the air awhile ago due to short circuit causing \$100,000 damage. DX test made it from E Ont thru to Colo. V:l.
- 1420 WIMS Michigan City, 5000:500, 0650 Q105 (2100), MoR days & R&R nights, Day pattern almost straight N - S & can be hrd well down to Naptown. Nights, NE - SW covering only Mich. City & Valparaiso w: a good signal. Five kw carrier oft left on after s:off. Carries White Sox BB. E, often to Mich SS b4 pwr cut:pattern change & once to E Ont at same time. W, to Ill occ mixing w: WOC-Ia & WHK-Ohio. Has unique WIMS listeners club. V:c.
- 1430 WIRE Indianapolis, 5000 D & N, NSP, C & W, Ai. # 1 stn in Naptown & used to be (could still be) # 1 rated C & W stn in country in terms of 5 of listeners. ND days & NW lobe at night. Strong sig E tho there is WENE-NY, CKFH-Ont & WNJR-NJ to contend with. Usually in the mess somewhere esp on MM w: WENE off. Strong N to Man w: CKFH QRM. Most definately one to DX to the W! To Ill u: CKFH & WIL-Mo, to Mo on MM w: WIL off & to Colo only on MM w: KELI-Kan & CKFH. Best to the WC w: WIL & KLO-Ut off. Will be harder w: KLO apparently now NSP. Also, not quite so potent w: CKFH splashing 50 kw now. Good to Hawaii. Fast v:q & CM.
- 1440 WPGW Portland, 500d PSA 500, C & W, Ae. Dir N to protect WLYV-1450. Fun stn to listen to. Annrs all sound like they're in 1st yr b'casting school. Has UPI nx but often just reads one forecast all the day long. Unhrd at any distance which is good 'cause there is no way they will verify your rpt.
- 1450 WASK Lafayette, 1000:250, 0530 (0700) - 0000, MoR, MBS. Noted weakly in Mich on DX test. Usually lost in cy mess. There is no sig S at night because TV antenna acts as a deflector. When you are one mile S of the xr they can't be hrd. Verifies when CE has time or send ur rpt to Steve Taaffe who will get verie.
- 1470 WHUT Anderson, 1000d PSA 500, good soundin' rocker, Ae. Weak days to Ohio u: WOHO-O. Gets out well SS to N Ind & Mich o: all else. W, to Mo at SS. One to look for at SS. Friendly v:l sent.
- 1480 WRSW Warsaw, 1000:500, 0600 - 0000. Diff patterns D & N. Days, strong lobe S to protect WHUT-1470. Nights: goes the other way, N, in a very tight pattern. Nasty stn to try & hear. Power reputed to go straight up. Roger Windsor has been in view of the towers & yet unable to hear them. (They were on, too). V:q.

- 1480 WTHI Terre Haute, 5000:1000, 0600 (0700 Sat & Sun) - 0100 (0200 Sat), R & R, Ai. Diff patt D & N. Days: lopsided clover leaf w: larger lobes S & SW. Protects WDAN-1490 to the N whose ND coverage borders onto WTHI's .5 mv line. Tight nighttime pattern favours S & W. So, E, hrd only in Mich at SS b4 pwr drop and pattern change. Is one of the few stns that has a better sig W. To Ill w: WGSE-Ill, occ to Mo & on to Colo on MM u: KBOX-Tox. Meets its Waterloo at the Rockies like so many other Indy stns. Quick letter verification and survey chart sent if requested.
- 1500 WAKE Valparaiso, 1000d, was a progressive RR stn, now plays mostly hits of the past ala WIND. Is losing \$\$\$ lately. FM stereo was dropped & is now parallel w: many WAKE:WLJE IDs. Often tests w: OC. Strongly dir N - S. To Mich at SS w: WDEE. W, to Mo SS. Has a new v:q.
- 1500 WBRI Indianapolis, 5000d, MoR (was religion). Dir NE SW to protect WAKE-1500. Look for WBRI in these directions at SS, best SW to Mo as there is much WDEE QRM NE. Slow verifier, a v:l occ sent.
- 1510 WAYT Wabash, 250d, MoR w: local programming. ND. DX test hrd well E w: CJRS QRM & W w: KGA QRM. E to Mich at SRS. 70' tower is on a hill & with no lights! V:l or v:q sent. Owned by WAKE.
- 1520 WSVL Shelbyville, 1000:250, 0500 (0600) - 2300, C & W aimed at Nap-town market. Dir N - S & impossible nights at any distance due to WKBW & KOMA. Blocked days W by WHOW-Clinton Ill.
- WKVI Knox, 250d. A hick stn in a town of some 3,000 souls. Despite 398' tower they have a desperate groundwave signal. Simply fabulous skywave signal - pity they're a daytimer. Gets out 30 miles on a good day. DX test was hrd widely on skywave. Will likely be a money loser in an already too crowded NW Ind market.
- 1540 WLOI LaPorte, 250d, MoR w: 6hrs R & R Sat. Teensy ant (140') but despite freq., fine groundwave sig to Chicago tho they're owned by WWCA and not supposed to overlap. V:l.
- 1550 WCVL Crawfordsville, 250 D & N, AN SP MM, ND days; figure eight patt. nights protecting WCTW. Good to Mo when aurora blots out CBE. W, rare to Ill at SS b4 pattern change. Prompt v:l.
- WCTW New Castle, 250 D & N, 0530-2215. Broad day bean SE, nights a figure eight pattern protecting WCVL. Interesting to listen to near Indy. On I 465 WCVL dominates, get off it & WCTW is. V:l.
- 1560 WRIN Rensselaer, 1000d PSA 500, C & W. One to look for across the land. Sun M s: on has been hrd E to Mich & W all the way to the WC. SS reception E as far as E. Ont w: WQXR nulled & W to Ill w: WDXR. Non verifier but v:l's have recently been seen so maybe a change in policy.
- 1570 WIFF Auburn, 500d, C & W w: some MoR. Dir N w: broad bean protecting WPTW-Pique Ohio. WPTW's xr is within WIFF's .5 mv contour!
- 1590 WGEE Indianapolis, 5000d PSA 500, Ae. Dir N - S protecting WTVB - Coldwater Mich. Might be a call letter change soon. Poor E at SS due to severe WAKR QRM tho audible in Mich after WSAM s:off. Occ W to Ill at SS w: WLTD-Ill. Fair at SS to Mo. Non verifier.
- 1600 WARU Peru, 1000d PSA 500, MoR. Tremendous signal for frequency. To Mich & Ont at SR & SS; should do even better now that CJRN has moved. Often mentions "NE Ind" in IDs. Form letter sent.

The Good Guys !

- Budd Baily, 8800 Wenner Road, Williamsville NY 14221
- Dave Christensen, 3434 39th W, Seattle WASH 98199
- Steve Dildine, 1900 S Eads St. Apt 725, Arlington VA 22202
- Rich Eddie, 152 West Rose Ave. St Louis MO 63119
- Dave Faulkner, 1430 Pine Grove Ave. Port Huron MICH 48060
- Karl Forth, 142 East Division, Villa Park ILL 60181
- Mike Hardester, 401 Birchwood Court, Modesto CAL 95350
- Bill Hardy, 303 West 10th, Aberdeen WASH 98520
- Steve Howe, 16 Windsor Road, Great Neck NY 11021
- George Jensen, 4604 Anntana Ave. Baltimore MD 21206
- Blake Lawrence, Box 803, Canon City CO 81212
- Richard Mayhew, 266 Dufferin Road, Valleyfield PQ
- Bruce Portzer, 14056 5th Ave South, Seattle WASH 98168
- Steve Taafe, Box 156 Dayton IND 47941
- Roger Winsor, 718 North Fremont Road, Valparaiso IND 46383
- Cathy Woodruff, 7865 Allison Ave. Dayton O 45415
- Richard Wood, LSU, Baton Rouge LA 70803
- Joe Markewicz, 1394 Elgin Ave West, Winnipeg MAN R3E 1B6

My thanks to all the fine DXers above for the continued support for this column. Special thanks to Steve Taafe & Tom McCormack who over the past few years have supplied me with coverage maps for almost all Indiana stns including every directional stn.

This completes my first year typing the SoM so here's an up to date index:

<u>Page</u>	<u>State</u>	<u>Date</u>
1	Iowa	July 17, 1971
6	New York	Sept 18, 1971
8	" "	Oct. 30, 1971
14	" "	Nov. 20, 1971
20	Washington	Feb. 12, 1972
28	Nevada	Apr. 8, 1972
30	Indiana	

The next SoM will feature two very rare New England states, Vermont & New Hampshire, deadline of October 31, 1972. I know these are rough states but even if you have only logged one or two stns I'd really appreciate the contribution. ----- 73 - QKB

Flash Tips and CPC Results Alan Merriman reports that WCHE-1520 was apparently not on. They are heard in Fairfax at sunset but were not hrd at the scheduled time for the test. WRIZ-1550 was heard at least one MM. KJAN-1220 impossible because WGAR didn't sign off at 0300. Conditions lousy MM 9/18.

P. A. Desmond Lanktree notes that, ref. page 29, 15 July 72, "Ontario PoM," CHLO has 50kw on 1570; 10kw was the power when on 680. This further note of particular interest quoted from his letter of 21 Aug.: "As I understand it, the FCC ruled 50kw as max. power for domestic NA BCB stns around 1939, but to my reception report to KOA-850 Denver on 17 Apr 1972, both their interim QSL of 4 May and final QSL of 20 June bore the printed 50kw power rating deleted, & superscribed in ink as currently 100kw." Anybody in Denver able to check this out? I may just be ignorant, but I can't recall any mention anywhere of KOA or any other stn actually using 100kw.

Russ Edmunds announces the advent of the NRC TA Log, edited by Page Taylor and Russ. Available for \$2 ppd from Russ at Box 946, Wayne, NJ 07470. Please make checks, m.o.'s payable to R. J. Edmunds and allow 3 to 4 weeks for delivery.

Bruce Portzer says latest word from CJJC is that they're moving to 800 kHz sometime before 1/1/73. These available for shipping from Bruce: RNYWW Listeners Club bulletins 3/67-6/68; SCDXers 2/21/67 to 8/27/68; Fircrest DX Club bulletins 6/67 to 3/68. If interested, write Bruce at 14056 5th Ave. South, Seattle, WA 98168. more: p. 51

Compiled by: Allen Denny - Box 300 - Brule, Wisconsin 54820. All changes, corrections and additions for all sports should be sent to Allen.

<u>ATLANTA FALCONS</u>		
Freq	Call	Location
580	WOFE	Rockwood, Tenn.
610	WCEH	Hawkinsville, Ga.
730	WLOR	Thomasville, Ga.
790*	WQXI	Atlanta, Ga.
910	WJCW	Johnson City, Tenn.
970	WVOP	Vidalia, Ga.
1130	WMGA	Moultrie, Ga.
1150	WFPM	Ft. Valley, Ga.
1240	WBHB	Fitzgerald, Ga.
	WDUN	Gainesville, Ga.
1250	WYTH	Madison, Ga.
1260	WBBK	Blakely, Ga.
1270	WHYD	Columbus, Ga.
	WJJC	Commerce, Ga.
1290	WSCM	Panama City, Fla.
1310	WDKD	Kingstree, S.C.
1330	WMLT	Dublin, Ga.
1340	WGAA	Cedartown, Ga.
	WGAU	Athens, Ga.
1360	WAZA	Bainbridge, Ga.
1370	WLOV	Washington, Ga.
1380	WGUS	Augusta, Ga.
1400	WCOH	Newnan, Ga.
	WJHO	Opelika, Ala.
1410	WGRI	Griffin, Ga.
1420	WACT	Tuscaloosa, Ala.
1430	WWGS	Tifton, Ga.
1450	WBHF	Cartersville, Ga.
	WMOC	Chattanooga, Tenn.
1470	WINH	Georgetown, S.C.
	WRGA	Rome, Ga.
1490	WMRB	Greenville, S.C.
1530	WTTI	Dalton, Ga.
1560	WKOQ	Gordon, Ga.
1580	WORQ	Orangeburg, S.C.
1590	WALG	Albany, Ga.
	WILZ	St. Petersburg, Fla.

<u>BALTIMORE COLTS</u>		
620	WHJB	Greensburg, Pa.
930	WFMD	Frederick, Md.
960	WBOC	Salisbury, Md.
1090*	WBAL	Baltimore, Md.
1230	WCUM	Cumberland, Md.
1240	WCEM	Cambridge, Md.
	WJEJ	Hagerstown, Md.
	WSEW	Selinsgrove, Pa.
1270	WLBR	Lebanon, Pa.
1330	WASA	Havre de Grace, Md.
1350	WFLS	Fredricksburg, Va.
	WORK	York, Pa.
1400	WWOC	Portsmouth, Va.
1430	WNAV	Annapolis, Md.

<u>BALTIMORE COLTS (Cont'd)</u>		
Freq	Call	Location
1450	WTHU	Thurmont, Md.
1470	WTTR	Westminster, Md.
1490	WAYB	Waynesboro, Va.
1520	WVOB	Belair, Md.
1550	WXVA	Charlestown, W. Va.
1560	WSMD	La Plata, Md.

<u>BRITISH COLUMBIA LIONS</u>		
560	CHTK	Prince Rupert, B.C.
	CKNL	Fort St. John, B.C.
570	CKCQ	Quesnel, B.C.
580	CKXR	Salmon Arm, B.C.
590	CFNL	Ft. Nelson, B.C.
	CFTK	Terrace, B.C.
610	CJAT	Trail, B.C.
630	CKOV	Kelowna, B.C.
800	CKOK	Penticton, B.C.
900	CJVI	Victoria, B.C.
910	CFJC	Kamloops, B.C.
940	CJIB	Vernon, B.C.
1130*	CKWX	Vancouver, B.C.
1230	CFBV	Smithers, B.C.
	CKQR	Castlegar, B.C.
	CKTK	Kilimat, B.C.
1240	CFVR	Abbotsford, B.C.
	CKOO	Osoyoos, B.C.
	CKWL	Williams Lake, B.C.
1270	CHVK	Chilliwack, B.C.
1340	CKGF	Grand Forks, B.C.
1350	CJDC	Dawson Creek, B.C.
1400	CFLD	Smithers, B.C.

<u>BUFFALO BILLS</u>		
930*	WBEN	Buffalo, N.Y.

<u>CALGARY STAMPEDEERS</u>		
960*	CFAC	Calgary, Alberta

<u>CHICAGO BEARS</u>		
720*	WGN	Chicago, Ill.

(Continued)

(Continued)

CINCINNATI BENGALSCLEVELAND BROWNS (Cont'd)

Freq	Call	Location
560	WJLS	Beckley, W. Va.
580	WCHS	Charleston, W. Va.
700*	WLW	Cincinnati, Ohio
990	WJEH	Gallipolis, Ohio
1060	WOIO	Canton, Ohio
1080	WKLO	Louisville, Ky.
1090	WMM	Wilmington, Ohio
1150	WIMA	Lima, Ohio
1230	WCOL	Columbus, Ohio
	WCWA	Toledo, Ohio
1240	WHBU	Anderson, Ind.
	WPKE	Pikeville, Ky.
1260	WNXT	Portsmouth, Ohio
1290	WOMP	Bellaire, Ohio
	WVOW	Logan, W. Va.
1300	WBLG	Lexington, Ky.
	WERE	Cleveland, Ohio
1310	WDOC	Prestonsburg, Ky.
1330	WFIN	Findlay, Ohio
1340	WCMJ	Ashland, Ky.
	WEKY	Richmond, Ky.
	WIZE	Springfield, Ohio
	WLBC	Muncie, Ind.
1350	WCSM	Celina, Ohio
1410	WING	Dayton, Ohio
1430	WCLT	Newark, Ohio
	WFOB	Fostoria, Ohio
1450	WMOH	Hamilton, Ohio
1490	WBEX	Chillicothe, Ohio
	WKBV	Richmond, Ind.
	WMOA	Mariette, Ohio
1520	WBNO	Bryan, Ohio
1590	WAKR	Akron, Ohio
	WGEE	Indianapolis, Ind.

CLEVELAND BROWNS

600	WSOM	Salem, Ohio
790	WPIC	Sharon, Pa.
900	WFRD	Fremont, Ohio
940	WGRP	Greenville, Pa.
960	WVST	Wooster, Ohio
970	WREO	Ashtabula, Ohio
	WATH	Athens, Ohio
1000	WHTH	Newark, Ohio
1140	WBZY	New Castle, Pa.
1220	WERT	Van Wert, Ohio
1240	WBBW	Youngstown, Ohio
	WHIZ	Zanesville, Ohio
1280	WONW	Defiance, Ohio
1290	WHIO	Dayton, Ohio
	WOMP	Bellaire, Ohio
1340	WNCO	Ashland, Ohio
	WSTV	Steubenville, Ohio
1370	WSPD	Toledo, Ohio
1400	WMAN	Mansfield, Ohio
1420*	WHK	Cleveland, Ohio
1450	WJER	Dover, Ohio
	WLEC	Sandusky, Ohio
1460	WMBA	Ambridge, Pa.

(Continued)

Freq	Call	Location
1480	WHBC	Canton, Ohio
1490	WNRN	Marion, Ohio
	WMGW	Meadville, Pa.
	WTCS	Fairmont, W. Va.
1520	WKNT	Kent, Ohio
	WTTO	Bellefontaine, Ohio
1590	WAKR	Akron, Ohio
1600	WBLY	Springfield, Ohio

DALLAS COWBOYS

560	KLVI	Beaumont, Texas
590	KBHS	Hot Springs, Ark.
630	KVMA	Magnolia, Ark.
680	KBAT	San Antonio, Texas
690	KPET	LaMesa, Texas
710	KURV	Edinburg, Texas
750	KSEO	Durant, Okla.
800	KDDD	Dumas, Texas
810	KAFE	Sante Fe, N.M.
860	KPAN	Hereford, Texas
900	KCLW	Hamilton, Texas
910	KAMD	Camden, Ark.
	KGLC	Miami, Okla.
	KRRV	Sherman, Texas
920	KBZB	Odessa, Texas
930	KDET	Center, Texas
	KHEN	Henryetta, Okla.
970	KBSN	Crane, Texas
990	KNIN	Wichita Falls, Texas.
1000	KSTA	Coleman, Texas
1020	KSWS	Roswell, N.M.
1050	KLEN	Killeen, Texas
1080	KRLD	Dallas, Texas
1150	KDEF	Albuquerque, N.M.
	WTAV	College Station, Texas
1190*	KLIF	Dallas, Texas
1230	KADA	Ada, Okla.
	KDLK	Del Rio, Texas
	KEEE	Macogoches, Texas
	KGRO	Pampa, Texas
	KLVT	Levelland, Texas
	KNUZ	Houston, Texas
	KSST	Sulphur Springs, Texas
	KYVA	Gallup, N.M.
	WBBZ	Ponca City, Okla.
1240	KADS	Elk City, Okla.
	KAVE	Carlsbad, N.M.
	KBEL	Idabel, Okla.
	KVSO	Ardmore, Okla.
	KXOX	Sweetwater, Texas
1260	KTUE	Tulia, Texas
	KVSH	Seminole, Okla.
1270*	KFJZ	Fort Worth, Texas
	KIOX	Bay City, Texas
	KVPR	Claremore, Okla.
1280	KLCO	Poteau, Okla.
	KLUE	Longview, Texas
	KRAN	Morton, Texas
	KRZE	Farmington, N.M.

(Continued)

DALLAS COWBOYS (Cont'd)

DALLAS COWBOYS (cont'd)

Freq	Call	Location
1290	KWGH	Big Lake, Texas
1320	KVMC	Colorado City, Texas
1330	KVKM	Monahans, Texas
1340	KAND	Corsicana, Texas
	KRBA	Lufkin, Texas
	KWKC	Abilene, Texas
	WLOK	Memphis, Tenn.
1350	KRHD	Duncan, Okla.
1360	KACT	Andrews, Texas
1370	KOKE	Austin, Texas
1380	KBWD	Brownwood, Texas
	KSWO	Lawton, Okla.
1390	KCRC	Sacramento, Calif.
1400	KDWT	Stamford, Texas
	KEYE	Perryton, Texas
	KGVL	Greenville, Texas
	KIUW	Pecos, Texas
	KNOR	Norman, Okla.
	KTFS	Texarkana, Texas
	KVOP	Plainview, Texas
	WJLD	Homewood, Ala.
1410	KXIT	Dalhart, Texas
1420	KGNB	New Braunfels, Texas
	KPEP	San Angelo, Texas
	KTJS	Hobart, Okla.
1430	KALV	Alva, Okla.
	KSTB	Breckenridge, Texas
1440	KEYS	Corpus Christi, Texas
	KMLB	Monroe, La.
	KPUR	Amarillo, Texas
1450	KENA	Mena, Ark.
	KGFF	Shawnee, Okla.
	KJVH	Camden, Ark.
	KMBL	Junction, Texas
	KMHT	Marshall, Texas
	KNET	Palestine, Texas
	KSNY	Snyder, Texas
1460	KLLL	Lubbock, Texas
1470	KVLH	Pauls Valley, Okla.
1490	KARV	Russellville, Ark.
	KBIX	Muskogee, Okla.
	KBST	Big Spring, Texas
	KDOK	Tyler, Texas
	KMEL	Brady, Texas
	KOKC	Guthrie, Okla.
	KPLT	Paris, Texas
	KSAM	Huntsville, Texas
	KVOZ	Laredo, Texas
	KZZN	Littlefield, Texas
1500	KOKN	Pawhuska, Okla.
1510	KCTX	Childress, Texas
	KSTV	Stephenville, Texas
	KSVP	Artesia, N.M.
1530	KGTM	Georgetown, Texas
	KMBO	New Boston, Texas
1540	KZRK	Ozark, Ala.
1550	KCOM	Comanche, Texas
	KMAD	Madill, Okla.
	KOKA	Shreveport, La.

Freq	Call	Location
1550	KWBC	Navasota, Texas
1560	KDDA	Dumas, Ark.
	KHBR	Hillsboro, Texas
	KRBB	Sallisaw, Okla.
	KWCO	Chickasha, Okla.
1570	KBJT	Fordyce, Ark.
	KTAT	Frederick, Okla.
1580	KBGO	Waco, Texas
	KGAF	Gainesville, Texas
	KILE	Galveston, Texas
	KPCA	Marked Tree, Ark.
1590	KGAS	Carthage, Texas
	KWEY	Weatherford, Okla.
1600	KBOR	Brownsville, Texas
<u>DENVER BRONCOS</u>		
610	KVHU	Logan, Utah
740	KVFC	Cortez, Colo.
790	KGHL	Billings, Mont.
850*	KOA	Denver, Colo.
930	KIUP	Durango, Colo.
	KOGA	Ogallala, Neb.
960	KNEB	Scottsbluff, Neb.
980	KGLN	Glenwood Springs, Colo.
1060	KLMO	Longmont, Colo.
1140	KIAB	Burlington, Colo.
1230	KBAR	Burley, Idaho.
	KEXO	Grand Junction, Colo.
	KGEK	Sterling, Colo.
	KNOR	Murray, Utah
	KOAL	Price, Utah
	KYVA	Gallup, N.M.
1240	KCRT	Trinidad, Colo.
	KFBC	Cheyenne, Wyo.
	KWIK	Pocatello, Idaho
1260	KPOW	Powell, Wyo.
1290	KOWB	Laramie, Wyo.
1300	KVOR	Colorado Springs, Colo.
1340	KSID	Sidney, Neb.
	KVRH	Salida, Colo.
	KVOR	Worland, Wyo.
1400	KBZZ	LaJunta, Colo.
	KCOW	Alliance, Neb.
1410	KCOL	Ft. Collins, Colo.
1450	KBBS	Buffalo, Wyo.
	KGIW	Alamosa, Colo.
	KVOW	Riverton, Wyo.
	KYOU	Greeley, Colo.
1480	KPUB	Pueblo, Colo.
1490	KBOL	Boulder, Colo.
	KGOS	Torrington, Wyo.
	KGUC	Gunnison, Colo.

(Continued)

DETROIT LIONS

Freq	Call	Location
590	WKZO	Kalamazoo, Mich.
680	WDBC	Escanaba, Mich.
760*	WJR	Detroit, Mich.
850	WKBZ	Muskegon, Mich.
900	WATC	Gaylord, Mich.
920	WVPL	Hancock, Mich.
970	WUPY	Ishpeming, Mich.
1150	WCEN	Mt. Pleasant, Mich.
1220	WBCH	Hastings, Mich.
1230	WIKB	Iron River, Mich.
	WSOO	Sault Ste. Marie, Mich.
1290	WHGR	Houghton Lake, Mich.
1300	WOOD	Grand Rapids, Mich.
1320	WDMJ	Marquette, Mich.
1340	WMBN	Petoskey, Mich.
1370	WVAH	Cadillac, Mich.
1400	WKFR	Battle Creek, Mich.
	WSJM	St. Joseph, Mo.
	WTCM	Traverse City, Mich.
1440	WBCM	Bay City, Mich.
1450	WATZ	Alpena, Mich.
	WHTC	Holland, Mich.
	WKLA	Ludington, Mich.
	WTBY	Newberry, Mich.
1460	WBRN	Big Rapids, Mich.
1490	WTIQ	Manistique, Mich.
1590	WTVB	Coldwater, Mich.

EDMONTON ESKIMOS

930*	CJCA	Edmonton, Alberta
970	CJYR	Edson, Alberta
1050	CFGP	Grand Prairie, Alberta
1450	CKYR	Jasper, Alberta

GREEN BAY PACKERS

550	WSAU	Wausau, Wis.
570	WMAH	Marinette, Wis.
580	WKTY	La Crosse, Wis.
590	WJMS	Ironwood, Mich.
610	KDAL	Duluth, Minn.
620	WTHJ	Waukegan, Wis.
740	WBOO	Baraboo, Wis.
790	WEAQ	Eau Claire, Wis.
910	WHSM	Hayward, Wis.
940	WFAW	Fort Atkinson, Wis.
980	WNBI	Park Falls, Wis.
	WPRE	Prairie du Chien, Wis.
990	WVDA	Wisconsin Dells, Wis.
1070	WTSO	Madison, Wis.
1230	WHBY	Appleton, Wis.
	WCLO	Janesville, Wis.
1240	WJMC	Rice Lake, Wis.
	WOBT	Rhineland, Wis.
	WOMT	Manitowoc, Wis.
1290	WCOW	Sparta, Wis.
1330	WHBL	Sheboygan, Wis.
1340	WLDY	Ladysmith, Wis.

GREEN BAY PACKERS (Cont'd)

1350	WPDR	Portage, Wis.
1380	WBEL	Beloit, Wis.
1400	WRDB	Reedsburg, Wis.
1440*	WNFL	Green Bay, Wis.
1450	WDLB	Marshfield, Wis.
	WRCO	Richland Center, Wis.
1460	WTMB	Tomah, Wis.
1490	WIGM	Medford, Wis.
1550	WEVR	River Falls, Wis.
1590	WSWV	Plattesville, Wis.

HAMILTON TIGER CATS

900	CHNL	Hamilton, Ontario
1150	CKOC	Hamilton, Ontario
1280	CHAM	Hamilton, Ontario

HOUSTON OILERS

550	KTSA	San Antonio, Texas
580	KALB	Alexandria, La.
610*	KILT	Houston, Texas
910	KRIO	McAllen, Texas
960	KGKL	San Angelo, Texas
990	KTRM	Beaumont, Texas
1130	KWKH	Shreveport, La.
1240	KORA	Bryan, Texas
1270	KIOX	Bay City, Texas
1300	KVET	Austin, Texas
1330	KVOL	Lafayette, La.
1360	KRYS	Corpus Christi, Texas
1400	KBYG	Big Spring, Texas
	KTEM	Temple, Texas
1410	KNAL	Victoria, Texas
1460	WACO	Waco, Texas
1490	KVOZ	Laredo, Texas
1500	KANI	Wharton, Texas
1580	KLOU	Lake Charles, La.

KANSAS CITY CHIEFS

580	WIBW	Topeka, Ks.
680	KFEQ	St. Joseph, Mo.
690	KGGF	Coffeyville, Ks.
800	KXIC	Iowa City, Iowa
810*	KCMO	Kansas City, Mo.
910	KINA	Salina, Ks.
920	KFMF	Shenandoah, Iowa
950	KLIK	Jefferson City, Mo.
1010	KCHI	Chillicothe, Mo.
1050	KSIS	Sedalia, Mo.
1070	KHMO	Hannibal, Mo.
1130	KBLR	Bolivar, Mo.
1220	KOFO	Ottawa, Ks.
1230	KFJB	Marshalltown, Iowa
	KTMC	Falls City, Neb.
1240	KBIZ	Ottumwa, Iowa
1260	KGBX	Springfield, Mo.
1280	KCOB	Newton, Iowa
	KSOK	Arkansas City, Ks.
1300	KBRL	McCook, Neb.

(continued)

(continued)

KANSAS CITY CHIEFS (Cont'd)

Freq	Call	Location
1300	KMNO	Marshall, Mo.
1310	KOKY	Keokuk, Ia.
1340	KROS	Clinton, Ia.
1390	KCBC	Des Moines, Ia.
	KJPW	Waynesville, Mo.
	KNCK	Concordia, Kan.
1400	KVFD	Ft. Dodge, Ia.
1410	KLEM	LeMars, Ia.
1420	KJCK	Junction City, Kan.
	WOC	Davenport, Ia.
1430	KAOL	Carrollton, Mo.
	KASI	Ames, Ia.
1450	KOKO	Warrensburg, Mo.
	KWBW	Hutchinson, Mo.
1470	KARE	Atchinson, Mo.
1490	KBUR	Burlington, Ia.
	KDMO	Carthage, Mo.
1560	KQYX	Joplin, Mo.
1570	KLEX	Lexington, Mo.

LOS ANGELES RAMS

710*	KMPC	Los Angeles, Cal.
790	KABC	Los Angeles, Cal.

MIAMI DOLPHINS

610*	WIOD	Miami, Fla.
680	WWBA	Tampa, Fla.
740	WKIS	Orlando, Fla.
850	WRUF	Gainesville, Fla.
1240	WINK	Ft. Myers, Fla.
1270	WNOG	Naples, Fla.
	WTMT	Tallahassee, Fla.
1330	WARN	Ft. Pierce, Fla.
1350	WEZY	Cocoa, Fla.
1450	WMFJ	Daytona Beach, Fla.
1490	WTRL	Bradenton, Fla.
1600	WPOM	West Palm Beach, Fla.

MINNESOTA VIKINGS

570	WNAX	Yankton, S.D.
600	KSJB	Jamestown, N.D.
710	WDSM	Duluth, Minn.
730	KWOA	Worthington, Minn.
830*	WCCO	Minneapolis, Minn.
910	KCJB	Minot, N.D.
920	KDHL	Faribault, Minn.
	KWAD	Wadena, Minn.
930	KKIN	Aitkin, Minn.
	KSDH	Aberdeen, S.D.
970	KQAQ	Austin, Minn.
	WDAY	Fargo, N.D.
1040	KHVH	Honolulu, Hawaii
	WHO	Des Moines, Ia.
1060	KFIL	Preston, Minn.
1230	KGHS	International Falls, Minn.
	KLTF	Little Falls, Minn.
	KMRS	Morris, Minn.
	KTRF	Thief River Falls, Minn.
	KWNO	Winona, Minn.
	KYSM	Mankato, Minn.

MINNESOTA VIKINGS (Cont'd)

Freq	Call	Location
1240	KDLR	Devils Lake, Minn.
	WMFG	Hibbing, Minn.
1260	KDUZ	Hutchinson, Minn.
	KROX	Crookston, Minn.
1300	KGLO	Mason City, Ia.
1310	KNOX	Grand Forks, N.D.
1320	KELO	Sioux Falls, S.D.
1340	KROC	Rochester, Minn.
	KVBR	Brainerd, Minn.
	KWLM	Willmar, Minn.
1350	KBMR	Bismarck, N.D.
	WCMP	Pine City, Minn.
1400	KMHL	Marshall, Minn.
	WBIZ	Eau Claire, Wis.
	WHLB	Virginia, Minn.
1450	KATE	Albert Lea, Minn.
	KFAM	St. Cloud, Minn.
	WELY	Ely, Minn.
1460	KDMA	Montevideo, Minn.
1480	WGSB	St. Charles, Ill.
1490	KLGR	Redwood Falls, Minn.
	KXRA	Alexandria, Minn.
1560	KBEW	Blue Earth, Minn.

MONTREAL ALOUETTES

No Information

NEW ENGLAND PATRIOTS

1030*	WBZ	Boston, Mass.
-------	-----	---------------

NEW ORLEANS SAINTS

630	KTIB	Thibodaux, La.
850	WMAG	Forest, Ms.
870*	WWL	New Orleans, La.
990	WABO	Waynesboro, Ms.
1230	KLIC	Monroe, La.
1260	WNSL	Laurel, Ms.
1330	WDAL	Meridan, Ms.
1340	KRMD	Shreveport, La.
	WJMB	Brookhaven, Ms.
1360	KDXI	Mansfield, La.
	KNIR	New Iberia, La.
1370	WMGO	Canton, Ms.
1380	WNLA	Indianola, Ms.
1400	KAOK	Lake Charles, La.
	WFOR	Hattiesburg, Ms.
1450	KSIG	Crowley, La.
	WNAT	Natchez, Ms.
	WROX	Clarksdale, Ms.
1460	KBSF	Springhill, La.
	WCIS	Pascagoula, Ms.
1470	WFAU	New Albany, Ms.
1490	WIKG	Bogalusa, La.
1540	WSWG	Greenwood, Ms.

(Continued)

NEW YORK GIANTS

Freq	Call	Location
1130*	WNEW	New York, N.Y.

NEW YORK JETS

710*	WOR	New York, N.Y.
------	-----	----------------

OAKLAND RAIDERS

590	KGMB	Honolulu, Hawaii
680*	KNBR	San Francisco, Cal.
710	KIRO	Seattle, Wash.
920	KVEC	San Luis Obispo, Cal.
1110	KPOP	Sacramento, Cal.
1240	KPLY	Crescent City, Cal.
1300	KMFB	Ft. Bragg, Cal.
1340	KBET	Reno, Nev.
	KMAK	Fresno, Cal.
1350	KSRO	Santa Rosa, Cal.
1400	KQMS	Redding, Cal.
1440	KUHL	Santa Maria, Cal.
1480	KRED	Eureka, Cal.
1490	KOWL	Lake Tahoe, Cal.

OTTAWA ROUGHRIDERS

580*	CFRA	Ottawa, Ont.
630	CJET	Smiths Falls, Ont.
1350	CHOV	Pembroke, Ont.
1380	CKLC	Kingston, Ont.
1450	CFJR	Brockville, Ont.

PHILADELPHIA EAGLES

610	WIP	Philadelphia, Pa.
1240	WHUM	Reading, Pa.
1340	WBRE	Wilkes Barre, Pa.
1400	WICK	Scranton, Pa.
	WOND	Atlantic City, N.J.
1410	WDOV	Dover, Dela.

PITTSBURGH STEELERS

1250	WTAE	Pittsburgh, Pa.
------	------	-----------------

SAN DIEGO CHARGERS

740	KBIG	Avalon, Calif.
910	KDEO	El Cajon, Cal.
1450	KOWN	Escondido, Cal.

SAN FRANCISCO 49ERS

560*	KSFO	San Francisco, Cal.
580	KMJJ	Fresno, Cal.
600	KVCV	Redding, Cal.
610	KUAM	Guam
620	KWSD	Mt. Shasta, Cal.
630	KJNO	Juneau, Alaska
	KOH	Reno, Nev.
760	KGU	Honolulu, Hawaii
790	KCAM	Glenallen, Alaska
850	KICY	Nome, Alaska
930	KTKN	Ketchikan, Alaska
970	KBEE	Modesto, Cal.
980	KINS	Eureka, Cal.

SAN FRANCISCO 49ERS (Cont'd)

Freq	Call	Location
1230	KDAC	Fort Bragg, Cal.
	KIFW	Sitka, Alaska
1270	KBYR	Anchorage, Alaska
1290	KHSL	Chico, Cal.
1340	KFBR	Fairbanks, Alaska
1380	KTOM	Salinas, Cal.
1400	KUKI	Ukiah, Cal.
1450	KLAM	Cordova, Alaska
1490	KSYC	Yreka, Cal.
1530	KFBK	Sacramento, Cal.

SASKATCHEWAN ROUGHRIDERS

800	CHAB	Moose Jaw, Sask.
900	CHBI	Prince Albert, Sask.
940	CJGX	Yorkton, Sask.
1050	CJNB	No. Battleboro, Sask.
1190	CFSL	Weyburn, Sask.
1250	CKOM	Saskatoon, Sask.
1280	CJSK	Estevan, Sask.
1300*	CJME	Regina, Sask.

ST. LOUIS FOOTBALL CARDINALS

740	WVLN	Olney, Ill.
900	KFAL	Fulton, Mo.
910	WAKO	Lawrenceville, Ill.
930	WTAD	Quincy, Ill.
960	KFVS	Cape Girardeau, Mo.
1010	KCHI	Chillicothe, Mo.
1070	KHMO	Hannibal, Mo.
1090	WCRA	Effingham, Ill.
	WGLC	Mendota, Ill.
1120*	KMOX	St. Louis, Mo.
1230	KLWT	Lebanon, Mo.
	WHCO	Cape Girardeau, Mo.
	WJBC	Bloomington, Ill.
1240	KFMO	Flat Rock, Mo.
	WTAX	Springfield, Mo.
1250	WRAY	Princeton, Ind.
1280	KYRO	Potos, Mo.
1300	WAAC	Terre Haute, Ind.
	WFRX	West Frankfort, Ill.
1340	WJPF	Herrin, Ill.
	WSOY	Decatur, Ill.
1370	KCRV	Caruthersville, Mo.
1400	WDWS	Champaign, Ill.
	WGIL	Galesburg, Ill.
1420	WINI	Murphysboro, Ill.
1450	KIRX	Kirksville, Mo.
	KWPM	West Plains, Mo.
	WPAD	Paducah, Ky.
1460	WROY	Carmi, Ill.
1470	WMBD	Peoria, Ill.
1490	KDMO	Carthage, Mo.
	VDAN	Danville, Ill.
	VKRO	Cairo, Ill.
1500	WPMB	Vandalia, Ill.
1520	KMPL	Sikeston, Mo.

(Continued)

(Continued)

ST. LOUIS FOOTBALL CARDINALS (Cont'd)

Freq	Call	Location
1550	WJIL	Jacksonville, Ill.
1560	WBYS	Canton, Ill.
1580	WBBA	Pittsfield, Ill.
1590	KCLU	Rolla, Mo.

TORONTO ARGONAUTS

630	CKAR	Huntsville, Ont.
680*	CFTR	Toronto, Ont.
710	CHYR	Leamington, Ont.
800	CJBQ	Belleville, Ont.
950	CKBB	Barrie, Ont.
1230	CKMP	Midland, Ont.
1250	CKJD	Sarnia, Ont.
1340	CKAR	Parry Sound, Ont.
1400	CKCB	Collingwood, Ont.
1420	CKPT	Peterborough, Ont.

WASHINGTON REDSKINS

630*	WMAL	Washington, D.C.
------	------	------------------

WINNIPEG BLUE BOMBERS

590	CFAR	Flin Flon, Man.
610	CHTM	Thompson, Man.
690	CBES	Ignace, Ont.
	CBWB	Wabowden, Man.
	CBDS	Pukatawagan, Man.
800	CFOB	Fort Frances, Ont.
990*	CBW	Winnipeg, Man.
1010	CBEA	Red Lake, Ont.
	CBLD	Dryden, Ont.
1050	CKX	Brandon, Man.
1220	CJRL	Kenmore, Ont.
1230	CHFC	Fort Churchill, Man.
1240	CBLS	Sioux Lookout, Ont.
1400	CBWG	Gilliam, Man.
1490	CBLA	Atikokn, Ont.
1510	CBEL	Vermillion Bay, Ont.

* These are the flagship stations. These lists are not 100% correct. An updated addenda will be published later.

Swanson would like any listening DXer to call him at 414-793-1348. WWIS-1260 Black River Falls, WI, conducts an f/c 0215-0230 ELT on the 1st or 2nd Wed. of the month. 1 kHz tone will be used as well as several IDs. Reports to: Mr. Nelson Lent, CE, WWIS, P. O. Box 427, Black River Falls, WI 54615. WCSR-1340 Hillsdale, MICH, will be testing their new 280' tower many mornings before it is put into fulltime use 9/29. Reports to: Mr. James R. Seeley, CE, 207 S. Wert Ave., Jackson, MICH 49201. Mr. Seeley is also CE at WIBM, Jackson, Mich. -Dave Faulkner, CPC Region 11

Mysterious WRTH A copy of the 1972 WRTH was received addressed to Mr. D. Erickson, 6059 Essex Str., etc. The return address is Berlingske Forlag in Copenhagen. Did IRCA members ordering WRTH's receive them with this return address? And did anyone fail to receive a copy? Your publisher DID NOT order the copy nor is it known why the copy was received. Postmark is Aug. 7 at Copenhagen.

Mailing Time It can't be accurately predicted when this issue will be mailed but it won't be before Tuesday evening, 9/26. With a record number of stencils to mimeograph and a record membership, it may take a while. -DEE

Michigan, Minnesota, and Wisconsin Info

The following material was obtained in replies to Dave Faulkner's CPC letters to the stations in his CPC region.

WEAQ-790 Eau Claire, WI, tests equipment every Wed. 0200-0500 ELT w/both D and N power and pattern. Reports should be sent to: Mr. Kenneth Tetzloff, CE, WEAQ, P. O. Box 1, Eau Claire, WI 54701. They will take calls from DXers listening at 715-832-3463. WOOD-1300 Grand Rapids, MICH, tests mostly every MM w/an occ. test on Tuesdays. Both ETs and PoPs are run, the ETs w/MoR mx. Reports to: Mr. Gerald Vander Sloot, CE, WOOD AM & FM, 120 College Ave. S.E., Grand Rapids, MI 49502. WCWC-1600 Ripon, WI, tests many MMs 0300-0600 ELT w/TT and MoR albums. Reports to: Mr. Paul Veleke, CE, WCWC, P. O. Box 156, Ripon, WI 54971. The CE welcomes calls at 414-748-5111. WAAM-1600 Ann Arbor, MICH; CE says, "some-time in Nov. we plan to start tuning our 5kw, 7 tower (4 day, 4 night, 1 common) array. In Dec., we will probably establish a reg. testing sked. Right now, at 250w ND, we have no regular testing sked." Reports to: Mr. Christopher T. Olson, CE, WAAM, P. O. Box 1600, Ann Arbor, MICH 48106. Make note that WAAM is currently using 250w as their new equipment is being installed in preparation for going 5kw full time next year. WWJ-950 Detroit, MI, tests every 2nd & 4th MM 0000-0500 EST w/TT. Reports to: Mr. Leo Rymars, CE, WWJ, 622 W. Lafayette Detroit, MI 48231. Mr. Rymars is a prompt verifier and very co-operative. KDUZ-1260 Hutchinson, MN, will be conducting PoPs this fall and will advise schedule later. WQTC-1590 Two Rivers, WI, tests most MMs 0200-0600 ELT w/AXR, 500w. These ETs consist mainly of TT, and voice IDs. Reports to: Mr. Neil Swanson, CE, WQTC, 1817 Washington St., Two Rivers, WI 54241. Mr.

ANARC REPORT

SPEEDX

The application of SPEEDX for membership in ANARC was approved by the member clubs by a vote of 20 to 6. ANSWA, WIFDA, NNRC, CIDX, and MDXC approved the application, ASWLC voted against. Radio California-USA was turned down 7-13, because, as some clubs indicated, little information about the club was available and the club had failed to send sample bulletins to at least some of the ANARC representatives. NASWA and CIDX voted in favor; NNRC and ASWLC. (No vote from IRCA was cast on either club, perhaps because Richard Wood, who is our voting representative, was on vacation. FJP)

Executive Secretary Nominations

The deadline for nominations for ANARC Executive Secretary for the next two-year term is September 15. All nominations, including details on the nominee's qualifications, should be sent to the present Executive Secretary, Wendel Craighead, 2110 West 74th Terrace, Prairie Village, Kansas 66208, by Sept. 15. The next executive Secretary will take office in November 1972.

NASWA

NASWA has announced that it no longer accepts third class memberships. From now on, FRENDEX, the club's monthly bulletin, will be sent only by first class mail. Annual dues remain at \$10.00.

QSL Committee

Committee Chairman Edward Pyatt reported a lengthy report on the committee's activities during the past year. Since the committee concerned itself only with shortwave stations, the report will only be summarized here. The purpose of the committee was to contact stations which are known to be poor verifiers and to urge them to verify correct reception reports from listeners. They did not instruct the stations contacted how to verify, but only tried to get them to send a reporter some form of communication that confirms that the listener did hear them. It was the experience of the committee to learn that some stations are intimidated by DXers who send in reports and virtually demand a QSL card. DXers must remember that receiving a QSL is a privilege, not a right. The committee sent samples of QSLs to the stations it contacted, but pointed out that they cannot coerce stations into verifying reports with a card or letter containing "full data". The committee suggests that any communication, no matter how flimsy, which says that a listener did hear the station, should be accepted as a bona fide QSL. "While it is difficult to get some stations to respond at all, DXers should not be choosy about the kind of QSLs they receive. If a DXer receives a QSL which does not contain 'full data', then it is suggested that the DXer consult his log and write in the missing data on the QSL he received from the station." The committee contacted stations which were notorious non-verifiers, ones which were on the various "Missing Countries" lists of various clubs, and ones which committee members personally had trouble with. Next year they plan to concentrate more on the smaller stations of Central and South America with the hope that more will be led to verify correct reports.

Your ANARC representatives

Percy R. Kesteven Richard E. Wood Father Jack Pejza
* * * * *

Demise of the Newark News

According to news releases August 29, the Newark News, once the biggest paper in New Jersey, has folded. The Newark News Radio Club started as an offshoot of a radio column published in the News many years ago, although there has been no official tie for a good long time. According to the news releases, the News never fully recovered from a strike earlier this year.

The IRCA Foreign Log is now available. This valuable compendium of foreign stations costs only \$2.75 to IRCA members. It lists over 1000 stations which actually were logged last season. Get your copy now while the supply lasts.

September 9, 1972 Graveyard DX Records
 editor: John Zondlo - 6617 Maryland - Hammond, Indiana 46323
 coming GYDXR's- 1490- 10/7; 1230- 10/28; 1240- 11/18
 coming deadlines- 1490- 9/15; 1230- 10/7; 1240- 11/4. Be watching
 next issue for new address.

Call	Location	Miles	DXer-Location	Notes
WDIG	Dothan AL	2,130	Gene Allen, Vallejo CA	
WFIX	Huntsville AL	391	Tom McCormack, W.Lafayette IN	
WLAY	Muscle Shoals AL	1,922	Gene Allen, Vallejo CA	
KAWT	Douglas AZ	3,028	Richard Wood, Kailua HI	
KNOT	Prescott AZ	596	Gene Allen, Vallejo CA	
KVSL	Show Low AZ	1,120	Bruce Portzner, Seattle WA	
KOPO	Tucson AZ	782	Gregg Allinson, Susanville CA	
KYOR	Blythe CA	529	Gene Allen, Vallejo CA	
KAVA	Burney CA	196	Gene Allen, Vallejo CA	
KOWN	Escondido CA	1,038	Bruce Portzner, Seattle CA	
KPAL	Palm Springs CA	422	Gene Allen, Vallejo CA	
KTIP	Porterville CA	2,520	Richard Wood, Kailua HI	
KSOL	San Francisco CA	2,372	Richard Wood, Kailua HI	(1)
KVML	Sonora CA	107	Andy Hecker, Saratoga CA	
KVEN	Ventura CA	2,471	Richard Wood, Kailua HI	
KOBO	Yuba City CA	2,446	Richard Wood, Kailua HI	
KGIW	Alamosa CO	3,253	Richard Wood, Kailua HI	
KYOU	Greeley CO	951	Gene Allen, Vallejo CA	
WILM	Wilmington DE	2,479	Gene Allen, Vallejo CA	
WOL	Washington DC	757	Dave Bright, Muscatine IA	
WMTJ	Daytona Beach FL	2,418	Gene Allen, Vallejo CA	
WBSR	Pensacola FL	2,068	Gene Allen, Vallejo CA	
WSPB	Sarasota FL	4,664	Richard Wood, Kailua HI	
WTAL	Tallahassee FL	706	Tom McCormack, W.Lafayette IN	
WCON	Cornelia GA	552	Robert Kramer, Chicago IL	
WKEU	Griffin GA	2,137	Gene Allen, Vallejo CA	
WMVG	Milledgeville GA	2,200	Gene Allen, Vallejo CA	
WVLD	Valdosta GA	683	Steve Taaffe, Dayton IN	
KYET	Payette ID	2,789	Richard Wood, Kailua HI	
KEEP	Twin Falls ID	2,870	Richard Wood, Kailua HI	
WVON	Cicero IL	787	Darryl Belanger, Winnipeg MB	
WKEI	Kewanee IL	305	Joe Markewicz, Winnipeg MB	
WCVS	Springfield IL	794	Carl Dabelstein, Omaha NE	
WLYV	Fort Wayne IN	259	Russ Edmunds, Parsippany NJ	
WLYV	Fort Wayne IN	259	Dave Bright, Muscatine IA	
WXVW	Jeffersonville IN	270	Robert Kramer, Chicago IL	
WASK	Lafayette IN	1,887	Gene Allen, Vallejo CA	
WAOV	Vincennes IN	167	Rich Eddie, St. Louis MO	
KLWW	Cedar Rapids IA	4,018	Richard Wood, Kailua HI	
KWBW	Hutchinson KS	1,318	Gene Allen, Vallejo CA	
WTCO	Campbellsville KY	4,375	Richard Wood, Kailua HI	
WPAD	Paducah KY	1,832	Gene Allen, Vallejo CA	
WLKS	West Liberty KY	253	Tom McCormack, W.Lafayette IN	
KSIG	Crowley LA	4,043	Richard Wood, Kailua HI	
ENOC	Natchitoches LA	690	Tom McCormack, W.Lafayette IN	
WNPS	New Orleans LA	4,188	Richard Wood, Kailua HI	
WMAS	Springfield MA	53	Jerry Maule, Torrington CT	
WATZ	Alpena MI	2,040	Gene Allen, Vallejo CA	
WHTC	Holland MI	515	Carl Dabelstein, Omaha NE	
WMIQ	Iron Mountain MI	504	Joe Markewicz, Winnipeg MB	
WIBM	Jackson MI	426	Russ Edmunds, Syracuse NY	
WKLA	Ludington MI	1,889	Gene Allen, Vallejo CA	
WHLS	Port Huron MI	458	Dave Bright, Muscatine IA	
KATE	Albert Lea MN	500	Joe Markewicz, Camp Morton MB	
KBUN	Bimidji MN	3,870	Richard Wood, Kailua HI	

Call	Location	Miles	DXer-Location	Notes
KBMW	Breckinridge MN	291	Joe Markewicz, Camp Morton	MB
WELY	Ely MN	1,662	Gene Allen, Vallejo	CA
WROX	Clardsdale MS	1,779	Gene Allen, Vallejo	CA
WJXN	Jackson MS	587	Steve Taaffe, Dayton	IN
WOKK	Meridian MS	730	Carl Dabelstein, Omaha	NE
WNAT	Natchez MS	1,796	Gene Allen, Vallejo	CA
WROB	West Point MS	1,893	Gene Allen, Vallejo	CA
KFTW	Fredericktown MO	270	Dave Bright, Muscatine	IA
KIRX	Kirksville MO	291	Rick Evans, Gary	IN
KOKO	Warrensburg MO	495	Gary Nuthals, Green Bay	WI
KXXL	Bozeman MT	3,097	Richard Wood, Kailua	HI
KUDI	Great Falls MT	3,121	Richard Wood, Kailua	HI
KGMY	Missoula MT	735	Gene Allen, Vallejo	CA
KRBN	Red Lodge MT	828	Gene Allen, Vallejo	CA
KVCK	Wolf Point MT	776	Bruce Portzter, Seattle	WA
KWBE	Beatrice NE	667	Joe Markewicz, Winnipeg	MB
KONE	Reno NV	2,544	Richard Wood, Kailua	HI
WFPG	Atlantic City NJ	683	Richard Evans, Valparaiso	IN
WCTC	New Brunswick NJ	2,529	Gene Allen, Vallejo	CA
KRZY	Albuquerque NM	3,200	Richard Wood, Kailua	HI
KLMX	Clayton NM	3,396	Richard Wood, Kailua	HI
KOBE	Las Cruces NM	959	Gene Allen, Vallejo	CA
KENM	Portales NM	1,081	Gene Allen, Vallejo	CA
WWSC	Glens Falls NY	437	Bruce Heimburger, Port Huron	MI
WHDL	Olean NY	52	Nancy Gantzer, Fredonia	NY
WGNC	Gastonia NC	2,261	Gene Allen, Vallejo	CA
WHKP	Hendersonville NC	2,191	Gene Allen, Vallejo	CA
WEBS	Spring Lake NC	305	George Jensen, Baltimore	MD
KGCA	Rugby ND	1,034	Bruce Portzter, Seattle	WA
WMOH	Hamilton OH	2,015	Gene Allen, Vallejo	CA
KWHW	Altus OK	1,289	Gene Allen, Vallejo	CA
KGFF	Shawnee OK	1,411	Gene Allen, Vallejo	CA
KSIW	Woodward OK	1,257	Gene Allen, Vallejo	CA
KIED	Eugene OR	2,507	Richard Wood, Kailua	HI
KFLW	Klamath Falls OR	376	Bruce Portzter, Seattle	WA
KLBM	La Grande OR	584	Bill Harang, San Jose	CA
WWGO	Erie PA	368	Tom McCormack, W.Lafayette	IN
WFRA	Franklin PA	76	Nancy Gantzer, Fredonia	NY
WDAD	Indiana PA	339	Morris Sorensen, Emsdale	ON
WPAM	Pottsville PA	2,432	Gene Allen, Vallejo	CA
WMAJ	State College PA	472	Tom McCormack, W.Lafayette	IN
WSVP	West Warwick RI	77	Jerry Maule, Torrington	CT
WQSN	Charleston SC	644	Steve Taaffe, Dayton	IN
WCRS	Greenwood SC	2,233	Gene Allen, Vallejo	CA
WHSC	Hartsville SC	630	Rick Evans, Gary	IN
KBFS	Belle Fourche SD	463	Carl Dabelstein, Omaha	NE
KYNT	Yankton SD	1,254	Dave Christiansen, Seattle	WA
WLAR	Athens TN	362	Tom McCormack, W.Lafayette	IN
WMOC	Chattanooga TN	720	Carl Dabelstein, Omaha	NE
WDSG	Dyersburg TN	1,804	Gene Allen, Vallejo	CA
WLAF	LaFollette TN	305	Tom McCormack, W.Lafayette	IN
WGNS	Murfreesboro TN	1,970	Gene Allen, Vallejo	CA
KAYC	Beaumont TX	3,946	Richard Wood, Kailua	HI
KBEN	Carrizo Springs TX	1,442	Gene Allen, Vallejo	CA
KCTI	Gonzales TX	1,533	Gene Allen, Vallejo	CA
KMBL	Junction TX	1,681	Bruce Portzter, Seattle	WA
KCYL	Lampasas TX	1,446	Gene Allen, Vallejo	CA
KMHT	Marshall TX	1,395	Gene Allen, Vallejo	CA

Call	Location	Miles	DXer-Location	Notes
KNET	Palestine TX	1,565	Gene Allen, Vallejo CA	
KSNY	Snyder TX	3,529	Richard Wood, Kailua HI	
KURA	Moab UT	928	Bruce Portzer, Seattle WA	
KEYY	Provo UT	735	Bruce Portzer, Seattle WA	
KDXU	St. George UT	2,831	Richard Wood, Kailua HI	
WSNO	Barre VT	345	Morris Sorensen, Emsdale ON	
WETR	Front Royal VA	2,368	Gene Allen, Vallejo CA	
WENZ	Highland Springs VA	10	Dave Singer, Richmond VA	
WREL	Lexington VA	495	Rick Evans, Gary IN	
WLPM	Suffolk VA	607	Tom McCormack, W.Lafayette IN	
LBKW	Aberdeen WA	2,573	Richard Wood, Kailua HI	
KCLX	Colfax WA	658	Gene Allen, Vallejo CA	
KONP	Port Angeles WA	690	Gene Allen, Vallejo CA	
KAYE	Payallup WA	623	Gene Allen, Vallejo CA	
WPAR	Parkersburg WV	288	Tom McCormack, W.Lafayette IN	
KFIZ	Fond du Lac WI	584	Joe Markewicz, Winnipeg MB	
WDLB	Marshfield WI	1,710	Gene Allen, Vallejo CA	
WRCO	Richland Center WI	127	Dave Bright, Muscatine IA	
KBBS	Buffalo WY	912	Gene Allen, Vallejo CA	
KWRL	Riverton WY	802	Gene Allen, Vallejo CA	(2)
CKYR	Jasper AB	422	Bruce Portzer, Seattle WA	
CKSP	Summerland BC	201	Bruce Portzer, Seattle WA	
CFJR	Brockville ON	186	Morris Sorensen, Emsdale ON	
CHUC	Cobourg ON	122	Morris Sorensen, Emsdale ON	
XECB	San Luis, Son., MEX	575	Gene Allen, Vallejo CA	

" # \$ % & ' * + = - " # \$ % & ' * +
 Notes- (1)now KBST (2) now KVOV

And what do IRCAN's think of GYDXR?

"Most innovative new column in recent years."-L. Godwin. "It gives me a chance to see what stations have been heard where and how I stand."-A. Ogrizovich. "I enjoy it very greatly and am sure it will become a popular mass-participation feature. I appreciate the work you put into it."-R. Wood. "This was a good idea. It gives me an idea of how well I'm doing."-F. Hendricks. "I think the column is great!"- R. Eddie. "I have some good graveyard catches??? You must be kidding!"-N. Gantzer. "I really enjoy your column and you do a great job with it!"-D. Christiansen (ran out of space, hi-JZ) "You have my full support."-J. Robertson. "Good section. Keep up the good work."-G. Allinson. "Rather interesting column, a few inaccuracies, though, however- mileage wise primarily"-T. McCormack. "I think this is a great idea and it's good to see your support growing.- Horne. "I have enjoyed your GYDXR very much."- M. Northam. "...I do a lot of listening on the GY freq. as I find these freq. one of the most interesting to listen to, probably because of the challenge."- J. Markewicz. "I take issue with your policy of "Stations now on the air" only. Seems to me once a record is set it should stand for all time, whether or not the station and/or the DXer involved still exist."G.Hauser. "How about extending the scope of the section to include regional and Clear channels?" S.Kamp.

Re Glenn Hauser's comments- As it now stands, stations that are not presently on the air will not be counted for GYDXR. It is my purpose with this column to give DXers something to shoot for in the way of records, and listing stations not even on the air offer no challenge to anyone. Also, if a station changes call, the previous call will be used until someone else picks it up and becomes in essence the station with the old call. If a station leaves the air in a certain city and someone else starts a station there, then the old station will become eligible for a record. This is because the two stations are probably pretty much the same technically, only difference is call. I'll try to explain this better next time, but I'm out of space for now. 73 de JZ

	CV	TV	TFV	EUROPE	ASIA	YR
1. David F. Thomas, Ohio	130	4026	996	Fjord R.-1116	VUO-750	24
2. C. M. Stanbury, Cnt.	112	1358	465	113 Free Czech R.	7 Khabarovsk-629	51
3. Larry Godwin, Colo.	63	1250	372	18 R. Veronica	13 JOAG-850 10kw	57
4. Gene Allen, Calif.	57	2777	383	4 AFN-1205	68 JOHR-1230	23
5. Bill Willis, Calif. *	55	908	129	17 Athlone-566	34 Sarawak-730	60
6. Bill Raczko, Ohio *	44	240	71	16 CSB5-1578	- ----	64
7. Bill Nittler, Colo.	42	2512	210	2 CSB9-782	6 JOOR-1210	50
8. Art Peterson, Calif. *	41	144	86	2 Tallinn-1034	13 HLKU-1160	
9. Raleigh Biss, Calif.	30	2521	134	- ----	4 VOA-1180	24
10. Patrick Martin, Oregon *	29	331	69	5 BBC-647	8 JOKP-1190	64
11. Joe Fela, N.J.	26	870	38	13 Vatican-1529	- ----	61
12. Frank Wheeler, Pa.	24	1639	70	- ----	- ----	31
13. Father Jack Pejza, Calif.	24	224	46	1 BBC-1214	5 RSFSR-1475	68
14. R. Steven Dildine Jr., Va. *	23	164	28	6 CSB5-1578	- ----	71
15. David Rogers, Okla.	22	536	38	1 BBC-1214	1 Peking-1040	62
16. Bruce Portzer, Wash.	22	484	54	1 BBC-647	12 JOLK-610	64
17. Ernie Wesolowski, Nebr. *	20	1081	38	- ----	1 Peking-1040	58
18. Robert L. Neal Jr., Calif.	20	415	56	- ----	2 JOAB-690	67
19. Larry Abraham, Mich. *	17	441	27	1 BBC-1214	- ----	60
20. Paul Petersky, Wash.	15	41	19	1 Tallinn-1214	8 RSFSR-1529	71
21. Kevin Slater, Oregon	13	536	31	- ----	3 VOA-1178	65
22. Richard T. Eddie, Mo.	12	591	10	- ----	- ----	67
23. Melville Coffin, B.C.	12	159	15	- ----	4 JOAB-690	69
24. Ken Horne, B. C.	11	360	14	- ----	5 VOA-1580	68
25. Robert Kramer, Ill. *	10	606	18	- ----	- ----	70
26. Mike Hardester, Calif.	10	305	19	- ----	3 RSFSR-1550	68
27. Tom Jasinski, Ill.	10	276	13	- ----	- ----	63
28. George W. Jensen, Md.	10	242	13	- ----	- ----	71
29. Joe Markewicz, Man. *	9	387	16	- ----	- ----	67
30. Al Ogrizovich, Ind.	8	406	6	- ----	- ----	69
31. Morris Sorenson, Ontario	8	403	10	- ----	- ----	64
32. Eric Tibbatts, Ont. *	8	381	19	- ----	- ----	69
33. Richard C. Mayhew, Quebec *	7	130	5	- ----	- ----	69
34. Greg Condon, Mass. *	6	233	4	- ----	- ----	71
35. Larry V. Flegle, Fla.	6	142	4	- ----	- ----	72
36. Paul Hill, Va.	6	89	5	- ----	- ----	65
37. Andy Hecker, Calif.	6	60	4	1 LVG-1133	- ----	68
38. Paul R. Daplyn, Ont.	5	416	5	- ----	- ----	64
39. Fred Hendricks, Ill.	5	327	8	- ----	- ----	70
40. John Zondlo, Ind.	5	300	5	- ----	- ----	70
41. Budd Bailey, N.Y.	5	198	4	- ----	- ----	71
42. Greg Hall, N.C. *	5	145	3	- ----	- ----	58
43. William H. Lee, Kansas	5	103	4	- ----	- ----	64
44. Bill Harang, Calif.	5	89	6	- ----	1 JOBB-830	68
45. Jim Larson, Minn.	5	78	3	1 VOA-1196	- ----	70
46. Roy Jaynes, Oregon	5	49	5	- ----	- ----	71
47. John Johnson, Mont.	4	620	8	- ----	- ----	62
48. Randy Minnehan, Ohio *	4	60	2	- ----	- ----	70
49. Mike Johnson, N.Y. *	3	102	1	- ----	- ----	70
50. Paul L. Kott, Ill.	3	99	1	- ----	- ----	71
51. Roger John Holappa, Ariz. *	3	61	3	- ----	- ----	68
52. Rich Segalas, Calif.	3	56	1	- ----	- ----	
53. James P. Mohler, Iowa	3	3	3	- ----	- ----	69

CV-countries verified, TV-total veries, TFV-total foreign veries. * means it's time to update your totals if you want to remain listed. Next time, best heard from Alaska, Tennessee, and Nova Scotia. Then best heard from Europe and Asia. Warm up the rxes gang....TP's are coming in once again. 73 and best of DX this season. bp.

-Don Kenney - P. O. Box 1668 - Santa Monica, CA 90406

Site and Antenna The location DEE selected is in an unnamed valley about 130 airline miles due east of downtown Los Angeles. The horizon is unblocked to the NW and SE, and is obstructed by low, but rugged, mountains to the NE and SW. The latitude/longitude is roughly 34°5'N/115°40'W (more exactly, 34°8'N/115°41'W, by later check of Dept. of Interior map-DEE) a few miles north of the eastern panhandle of Joshua Tree Natl Monument. There aren't many radio stations in that area; the "local" is Palm Springs, 55 miles. Distances are approx. bearings to "nearby" settled areas are:

Los Angeles	- 145 miles	- 270°	Yuma	- 120 miles	- 155°
Las Vegas	- 150	- 5°	Mexicali	- 105	- 175°
San Diego	- 130	- 210°	Palm Springs	- 55	- 240°

Two Beverage antennas are presently installed there; a 2800' antenna suspended two to four feet from the ground runs out at 135°. A second antenna consists of about 6000 feet of insulated #22 hookup wire on the ground aimed at about 55°. The actual direction of the antennas is uncertain until DEE gets a topographical map of the area and somebody goes out with a compass. (Map now on hand-DEE). The estimates are probably within 20° and could well be much closer than that. Both of these antennas were terminated in resistances. In the case of the 135° antenna, the ground rod is in sand which was wet to a depth of perhaps 3" by a thunderstorm. Attempts to adjust this resistance to eliminate KNBR-680 San Francisco exhibited little success. (It is now thought that KNBR might not be even close to the bearing of the antenna-DEE). The 6000 foot antenna is terminated to a handy U.S. Coast and Geodetic Survey marker. No attempt was made to tune this. (No, it is not that DEE has better sense than to set off for a mile walk across the desert on a pitch black night - it is because he got lost-DJK). DEE ran a third antenna along the side of the road which runs fairly close to due N-S. I'm not aware of his results. (The third antenna may no longer exist, having been constructed from 8000' of #36 Poly-Thermaleze magnet wire, costing around \$5. The difference between it and the other two was that it had less gain and, because of horizon blocking and lack of pertinent signal areas, signals from other directions often dominated. It was not terminated. CKDA was strong on the TRF but so was KDKA s/on- 1220 and 1020 respectively- the most obvious conclusion was that signals even 90° from loop orientation would be received if there was absolutely nothing else on the frequency.-DEE).

EQUIPMENT In addition to the Beverage antennas, we had between the three of us, 3 Realistic TRFs, a Falcon car radio, a Heath GR-78 equipped with a mechanical filter, and a shielded ferrite loop antenna (similar to Space Magnet but not constructed by Mr. Worcester).

CONDITIONS Reception conditions seemed about normal for Labor Day -- rather noisy but not impossible. There was considerable thunderstorm static -- extremely local in the late afternoon. Almost all DXing was done on the Beverages, however; the "Space Magnet" was broken out around 0230 local time MM for a condition check. At that time, conditions seemed fairly dismal. Noisy with only the WC and midwest NSPers and a few powerful Latins audible. Considerably better results were being had with the Beverages at that time. Immediately upon arriving home Monday, the GR-78/"Space Magnet" combination was checked out at home and found to be operating reasonably normally.

RESULTS In general, the Beverages lived up to expectations. The 135° antenna pulled in numerous Latin Americans along with incredible amounts of thunderstorm static. Although nothing exotic was logged, a number of stns were noted, some at excellent level. The 55° Beverage, on the other hand, pulled thru good sigs from the midwest and, after 0230 local, from several ECNA stations. The thunderstorm noise on this antenna was much below that on the other antenna. Curiously, no Hawaiian or DU stations were noted on the 55° antenna (nor could any be found with the "Space Magnet"); however, the Tarawa carrier was noted weakly on the 135° antenna. (over)

Comparisons of the same frequency on the two antennas were impressive. Stations barely audible on one antenna were frequently dominant on the other. Although extremely strong signals from the "non-favored" direction were able to get through (XEW-900, HJKC-850 on the 55° antenna and KSL-1160, KXEL-1540 on the 135° antenna), the difference in signal strength was extreme.

CONCLUSIONS The Beverage antenna seems to be everything it is reputed to be, provided that one accepts the hard fact that strong stations off to the side of the antenna are going to get through. I wish I had a bigger backyard.

LOG Not all of the stations heard on the Heathkit GR-78 were written down, but the following is probably a fair sampling: The date of reception was 4 September 1972 (GMT) and all times are in GMT. Antenna direction, in degrees, is in parentheses ().

<u>TIME</u>	<u>FREQ</u>	<u>NOTES</u>
0245	700	Strong LA (135). Not IDed but believed to be a Mexican.
0245	834	Belize (135) poor with play.
0245	1000	Fair to good SS (135) assumed to be a Mexican.
0247-0302	670	KBOI Boise dominating on both antennas. EE under (55) assumed to be WMAQ. SS under and sometimes over (135) with no trace of WMAQ. SS seems to be TGRT back here from 664.
0304-0310	910	Mixture of XEAO and a second Mex. w/RCN programming (assumed XEHO, Ciudad Obregon) w/KPHO way under (135). KPHO Phoenix dominant w/XEAO Mexicali under (55).
0313-0317	900	XEW Mexico City at local level (135). XEW weak but dominant w/vy wk EE under at one point (55).
0325	890	WLS Chicago clear and 100% readable (55) w/talk pgm. Lots of noise w/wk mx (135).
0327	880	KRVN at local level (55). Misc. distorted audio (135).
0335	830	WCCO Minneapolis clear w/rel pgm (55). Wk mx w/lots of noise (135).
0400	880	KRVN w/local-like sig (55). Mixture of KRVN & SS (TGJ?). Somebody a few hundred cycles off freq. on the high side creating an annoying het (135).
0728	800	CKOK Penticton, B.C., fair w/some EE QRM (55).
0714 (sic?)	830	WCCO loud and clear -- no sign of KIKI (55).
0738	790	KABC Los Angeles good w/mx under (55). Music (not KABC) dominant w/rel (not KABC) under (135).
0745-0800	850	HJKC Bogota, Colombia, fair to vy good (135). HJKC poor w/EE nx under (55). Estimated 4 or 5 S-units difference in HJKC signal.
0817	660	Het and several stations (?-DEE).
0818-0826	640	CMQ Habana u/KFI w/readable ID 0826 (135).
0830	890	SS fair to poor, not IDed (135).
0905	1000	SS o/u KOMO OC w/lots of noise (135). ID may have been "Nueva Gabor" or something similar; nothing listed remotely like this.
0914	1010	XEHC Guadalajara atop jumble w/"R. Commercial" ID (135).
0930	1020	HJDP Nieva, Colombia, R. Colossal, poor to good (135).
0948	1070	HJCG Bogota, Colombia, R. Santa Fe, fair to good atop jumble (135). EE nx (55) w/no sign of HJCG.
0954	1180	YVMB Ciudad Ojeda, Ven., s/on w/good to fair signal thru noise (135). "Radio Petrola."
1000	1210	HJFF Perira, Colombia, w/clear strong ID (135).
1020	730	CKLG Vancouver wk w/Colombian even weaker (135). CKLG weak (55).
1024-1032	1400	KIUN Pecos, Texas, TT dominating on both but stronger on 135°. KSLY fair u/KIUN on 55. KQIQ u/KSLY (55).

Not written down but also noted: 55-WBBM gd, WABC gd, WCBS pr, WNBC fair, WBAP gd, WWL gd, WOKJ or KOKA-1550 fair, WGY fair. 135-SS-880 (Peru?), carrier-854 (Peru), carrier-844 (Tarawa), WWL gd, WBAP gd, TT-1550 1010 GMT, KXEL fair. Conspicuously missing: KORL, KIKI, Cubans 670 & 720, ZNS-1540. -see Table of Contents for more-

September 23, 1972
Quentin K. Brown
59 Kenilworth St
Ottawa, Ontario
Canada K1Y 3Y5

EUROPE

Page 47

This past summer I had the good fortune to visit Europe. I naturally contacted the radio services in several countries and what follows will hopefully describe the structure of these radio services.

THE UNITED KINGDOM

With the advent of commercial radio, the B.B.C. has had to switch their frequencies. Here is the latest Engineering Press Statement:

CHANGES TO BBC SERVICES ON MEDIUM WAVES

To prepare for the introduction of commercial local radio, to enable the BBC local stations to broadcast on medium waves, and to release an additional wavelength for the BBC's External Services, it will be necessary to make certain changes in the wavelengths used by some of the BBC transmitters on medium waves. Most of the changes will be made from the start of broadcasting on September 2, 1972. The changes involve the medium wave services of Radio 3 and Radio 4 only and listeners who use vhf will not be affected.

Radio 4

Instead of the present seven wavelengths used for Radio 4 in England, only four wavelengths will be used and all medium wave Radio 4 transmitters in England will broadcast the same programme. The wavelengths to be used are:

434 metres (692 kHz)
330 metres (908 kHz)
285 metres (1052 kHz)
261 metres (1151 kHz)

The Radio 4 services in Scotland, Wales, and Northern Ireland, will not be affected by these changes.

Radio 3

There will be only one medium wavelength for Radio 3, namely 464 metres (647 kHz). Of the existing transmitters at present radiating Radio 3 on 194 metres (1546 kHz), some will close down and others will change to 464 metres. In general, listeners who have been receiving Radio 3 on medium waves should still be able to do so although in most cases better reception and improved reproduction are available on vhf, which can be received in practically all parts of the country.

BBC Local Radio

The local radio stations will be broadcasting on medium waves and this means that many listeners who do not have vhf receivers will be able to hear their local stations for the first time.

To summarize, the BBC radio services will be available from September 2 on the following wavelengths:

Radio 1 no change 247 metres (1214 kHz)
(202 metres, 1484 kHz, in the Bournemouth area)

Radio 2 no change Vhf and
1500 metres (200 kHz)
202 metres (1484 kHz) in Glasgow, Edinburgh, Dundee
and Aberdeen

Radio 3 Vhf and
464 metres (647 kHz)

The United Kingdom (cont'd) - Page 2

Radio 4

England

Vhf and
 434 metres (692 kHz)
 330 metres (908 kHz)
 285 metres (1052 kHz)
 261 metres (1151 kHz)

Scotland

Vhf and
 371 metres (809 kHz)

Wales

Vhf and
 341 metres (881 kHz)

Northern Ireland

Vhf and
 224 metres (1340 kHz)

The Radio 4 station in Droitwich on 1088 kHz is the station that is moving to 1052. In its place will be the external services station located on the south east part of Britain to serve Europe. This is both good and bad. The 1088 stn will now be very hard to hear being directional away from us but the new station on 1052 will be directional in a northerly direction which will favour us. When Droitwich moves to 1052, the power will remain the same, that is; 75 kw days and 150 kw nights. The Droitwich operation on 1214 will remain on 1214 with the same power of 30 kw days and nights and with the same north east directional pattern.

Local radio on vhf (F.M.) was never successful due to the lack of vhf receivers etc. and it will be interesting to see how they are inserted into the medium wave band.

Emphasizing the use of vhf for Radio 3 is logical for this is the classical music station.

Some of the stations on the 1214 kHz common wave are directional. Moorside Edge has a NE SW figure eight pattern; Falkirk & Burghead beam their signal west. Brookmans Park sends a SE signal to London.

LUXEMBOURG

Schedule: 0445 Religion
 0600 German Service
 1800 Flemish Service
 1930 English Service
 0300 s:off

Frequency: 1439 kHz

The Interval Signal, occasionally used is an instrumental from "Happy Luxembourg." Sign off is with the national hymn of Luxembourg. There is a F.M. service locally for 7½ hours and a long wave service for France. There are three different antenna patterns beamed for Germany, Holland & England. Changed depending upon time of day and service. On the air for forty years from magnificent studios located in a nice park, a twenty minute walk from the railway stn along L'Avenue de Gare.

Flash Tip envelopes Those who are willing to take the time to jot down CPC results and special flash tips and get them into Monday's mail are invited to write HQ for a supply of air mail permit envelopes. Let's have twice the participation this year!

Europe (cont'd) -- Page 3

AUSTRIA

Programming is divided into two networks on the medium wave plus another on FM. The two medium wave networks are called Osterrich 1 & Osterrich 2.

Osterrich 1

The schedule is 0600-2300 Austrian time or 0500-2200 GMT; on Saturdays the schedule is 0500-2305 GMT. All programming is in German and consists of, occasionally, long newscasts plus much orchestra and concert music. The concerts begin at 8.15 in the morning, local time! However, before that, from 0500-0700, at the times we would be trying to listen, the music is lighter with many melodies by Strauss etc. Key newscasts for our purposes are at 0500 (25 minute newscast) & 0700 (short newscast & weather). This programme is broadcast by ten stations on three frequencies:

520 584 1025

There is no local programming and this format rarely changes.

Osterrich 2

The schedule is 055-2120 GMT. On Saturdays the schedule is extended to 0400-2305. The programming is lighter with a greater emphasis upon local programming & sports. The time that most concerns us; 0500-0700 consists of easy listening music with news and weather at 0500 & 0630. At 0645 there is a break from network programming to local programmes from studios in these areas: Steiermark, Karnten, Ober Osterrich, Salzburg, Verarlburg, Tirol, Wien, Nied Osterrich & Burgenland. This continues til 0800.

To serve remote areas, Austria has a system similar to that in Canada whereby relay transmitters are used in the Tirol Mtns. Incidentally, the FM outlet is where you'll find RR & C&W alternating nightly. Studios are a ten minute walk from the Sud Banhoff (railway stn) down Argentinier Strasse (two blocks to the left of the railway stn).

SWITZERLANDHistory

Europe's third radio station was set up in Switzerland. On August 22, 1922 the city of Lausanne aired a stn at Champ de l'Air which broadcast meteorological bulletins to pilots interspersed with concerts. Various local radio societies followed; Lausanne in 1923, Zurich in 1924, Geneva & Berne in 1925, Basel in 1926, Lugano in 1930, St. Gall the same year, and later, in 1946, Lucerne & Chur. The Swiss Broadcasting Corporation incorporated these regional societies. Nevertheless the present regional studios retain an aura of independence.

Language

The four official languages play an important role in Swiss radio. They are: German, French, Italian and Romanche. German is the dominant language, spoken by 70 % of the population while at the other extreme, Romanche is the language of 30,000 Swiss or less than 1 %. There is much political pressure by each group to have their services extended. Indeed, I was told that if all requests were met there'd be 30 hours of programmes each day!

Programming

- 1) A first programme of information & entertainment with a 2nd programme of music & cultural programmes in each language, excepting Romanche.
- 2) Romanche
- 3) Local programmes in German speaking Switzerland

Europe (cont'd) - Page 4

Transmitters

Beronunster	529 kHz	500 kw	German	<u>Studios</u>	German: Zurich, Berne, Basel
Beronunster	1562 kHz	160 kw	German		French: Lausanne, Geneva
Sottens	764 kHz	500 kw	French		Italian: Lugano
Monte Cerni	557 kHz	150 kw	Italian		

Mountain Service

Switzerland represents a contrast to Canada & Austria in that instead of using LPRT's, the Swiss use a wire service to reach remote Alpine locations.

Six lines comprise the wire network service:

175 kHz	Line 1	"Europa" programmes from other European countries
208 kHz	Line 2	French relays from the First & Second programmes
241 kHz	Line 3	Classical music
274 kHz	Line 4	Italian relays from the First and Second programmes
307 kHz	Line 5	German & Romanch relays from same networks as above
340 kHz	Line 6	Mx & Culture prog. Mon-Fri., light music on weekends

GERMANYVOICE OF AMERICA - MUNICH

Schedule: 0300-0730 & 1600-0000 GMT Sign On: Yankee Doodle (have ceased use of Columbia, Gem of the Ocean), also used as interval signal.

Schedule: 0300-0400	Russian	05150-530	Hungarian
0400-0415	Slovenian	0530-0545	Czech
0415-0430	Hungarian	0545-0600	Slovenian
0430-0445	Czech	0600-0730	English
0445-0515	Polish	2230-2400	English (our sunset)

THE NETHERLANDS

This small country has an extremely complex radio service. The transmission time of the three Dutch radio transmitters (300 hours per week) has been allocated by law to more than 30 organisations. There are six major groups: AVRO (general b'casts), KRO (Roman Catholic), NCVR (Protesants), TROS (?), VARA (Socialists) & VPRO (Liberal Protesants). Each group has to produce a complete & balanced programme. They are coordinated by the NOS (Netherlands Broadcasting Foundation) to provide a harmonious programme. There are other smaller institutions with their own programmes.

History

The complicated structure of Dutch broadcasting can be partly explained by historic developments. Pionerred in the early 1920's shortly after Dr. à Steringa Idzerda in 1919 started his own regular b'casts via a homemade radio telephone transmitter - the first scheduled b'casts in Europe. After this, a factory in Hilversum started with experimental b'casts in 1923. Thus, Hilversum, a town 18 miles from Amsterdam was to become the b'casting town of the Netherlands.

Three Categories

The official b'casting organisations are divided into three categories, depending upon the membership figure. By increasing its membership a society can be promoted to a higher category. Loss of members means demotion. Over 400000 people and it's Category 'A', over 250,000 is 'B' and over 100,000 is Category 'C.' The amount of transmission time is related to the categories in the ratio A:B:C - 5:3:1.

BELGIUM

The two official languages play an important role in medium wave radio in Belgium. French is the language of the southern areas of Belgium while Flemish dominates to the north. The dividing line can roughly be drawn from Kortrijk through Bruxelles to Liege.

Transmitters

There is one very powerful stn for each language. Furthermore there are three relay stns for each transmitter to serve the hilly regions in the southern French area and the coastal region in the northern Flemish area.

Broadcasts in French:

Wavre-Overijse	620 kHz	150 kw
Aye	1043 kHz	10 kw
Houdeng	1124 kHz	10 kw
Liege	1484 kHz	5 kw

Broadcasts in Flemish:

Wavre-Overijse	926 kHz	150 kw
Bredene	1484 kHz	2 kw
Kuurne	1594 kHz	2 kw
Veltem	1511 kHz	20 kw

Schedule

0528-2302 on the main stns in Wavre, the lower pwred stns close down one hour earlier. There is a slight difference in the programming between the main stn and the other three stns as the low pwred stns have separate programming in the afternoons.

Send reports to the "QSL Bureau." The staff had been wondering why their 926kh stn got out so much better than the stn on 620kh and were glad to hear that 620 is, of course, anything but clear here in North America !

----- 73 - QKB -----

CPC Results and Flash Tips (cont'd from page 32) Tom Sundstrom reports WEEO-1130 NRC test hrd thru WNEW NYC. The TT was particularly audible. Infrequent IDs and weak modulation were noted. KJAN test not heard due to WGAR. Tom uses an HQ-150 and SM-2 Space Magnet.

John C. Johnson, Billings, sends the following on KOOK-970 and the former KOOK-TV: "KOOK-TV changed its calls on 9/5 to KTVQ. IDs now as "Q-2". Originally planned KCMR-TV (Charles M. Russell, painter) was dumped due to commonness of the type of call. Something to be remembered was chosen later, thus KTVQ is new calls for KOOK-TV, ch. 2, a CBS primary. KOOK-AM, 24 hrs rock on 970, continues as KOOK, "cook-radio" and will do so under the new owners. No changes of any type are planned. KOOK SP is 0200-0800 ELT MM.

Gene Martin had advised that KKIM-1000, the new 10kw Albuquerque, NM, stn was to be testing 0220-0230 EDT Tues 9/26. Mx, annts, TTs. Pattern is ND. CE Don Hall would like reception reports and promises to reply to all. He'd like to receive your SWL card along with your report, if you have one (used to be known as WPE cards, now WDX cards, though they seem to be on the way out). Address for KKIM is 301 Los Ranchos Rd., Albuquerque, NM 87107.

DXR/DXWW Reporting Form One of these upcoming issues will contain the form designed with the help of Ralph Sanserino, Father Jack Pejza, Darryl Belanger, and others. Because it is necessary to provide a form convenient for both sections and one which will permit a large number of items without costing a fortune in postage, the form will probably be produced "work-and-turn" so that one stencil is used for both sides of the sheet; each one of the form sections can be used for either DXR or DXWW depending upon the side you use. There will be a portion of each page for your name, address, and receiving equipment. Extra copies will be available; those who have reported on a regular basis to one or more sections this season will receive a supply of the forms automatically. -DEE

Editor: Bill Hardy - 303 W. 10th St. - Aberdeen, WA, 98520

DX WHILE YOU SLEEP: PART TWO
Observations by Tom Sundstrom

(Ed. note: Tom's comments refer to Paul Petersky's "DX While You Sleep" article on page 30 of the 7/15 DXM.)

While Paul recognizes that a receiver drifts and suggests turning it on 10 minutes before the time period intended to be recorded occurs, one should note that unless the tape recorder is on a different timer, you will have an abundant collection of nothing on the beginning of each reel of tape.

I find a better solution is to leave my tube-type Hammarlund HQ-150 on all night and just turn the tape recorder on-and-off. Despite having the set warmed up, I find a minor line voltage change will cause the receiver to drift if I set the unit up during the evening hours - thus I'll re-fine-tune the HQ-150 just before I go to bed between 2300 and 2400, normally. If I tune the set around 2000 or 2100, it will be 2 or 3 kc off once the load is taken off the lines around here and the voltage increases.

(These last two comments, of course, do not apply if one has a transistor set, as that locks in without drift - as I used to do with my Knight R-195.)

For the usual run-of-the-mill 15-to-30-minute specials or a spot check of a particular frequency, I find the auto-level-record feature of my cassette recorder to be most helpful. As I take audio out of the receiver ahead of the volume control, I don't have to worry about receiver volume setting or recording level on the tape recorder.

For longer specials, or a lengthy monitoring of a SRS or SSS DX frequency - like 1560 and 1580, respectively, here - I use my stereo reel machine (Roberts 721). I run WWV or CHU in the second channel to make it easy to check every 15 minutes without having to listen to the whole tape. On this machine, however, I usually run the record level conservatively, as it is easier to boost a low level than decipher an overloaded tape. (Don't run it too low, Tom, though, or you'll lose the signal in the tape noise! -ed.)

In any case, I suggest anyone seriously using the tape recorder modify their receiver(s) to take the audio out of the set ahead of the volume control. Thus it makes little difference how you set the listening level on phones or speaker. A short piece of co-ax between the hot side of the volume control and a phono jack mounted on the back panel will do the trick. Those with an ac/dc set, of course, should not effect this change - a shock hazard. Use a patch cord with clips to the speaker.

-Tom Sundstrom, P.O. Box 205, Willingboro, NJ, 08046

Thanks, Tom. Who's gonna submit Part Three? -BH.

HOT RADIO ITEM BRINGS FIREMEN Bruce Payne had a hot item on radio station CKAY's 6 a.m. newscast today.

It was that the station was on fire.

Payne, production manager for CKAY (Duncan, B.C.-1500-ed.), was two minutes into his first newscast of the day when all the lights went out.

Then he smelled smoke and heard an ominous crackling noise.

Payne, in the station's control room, sneaked a peek behind and found the newsroom blazing merrily.

He paused in the newscast, picked up a phone to call the Duncan fire department and found the line dead.

"Uh," said Payne, returning to the microphone, "it appears we have a small fire in the station . . . would somebody out there mind calling the fire department?"

Officers at the Duncan RCMP office were listening to the news and turned in the alarm.

A fire truck and volunteers arrived at the station within minutes to find Payne--his eyebrows slightly singed--outside and safe.

The fire, believed to have been started by a short circuit, destroyed the newsroom and caused damage to the roof.

(From Vancouver Sun, July 29, 1972, via Ron Hayter. Were they off the air, Ron?)

Editor: Father Jack Pejza, 3266 Nutemg St., San Diego, Calif. 92104. Deadlines: Sept. 29, Oct. 13, and weekly thereafter. Use GMT (EST + 5 hours) in reports, one side of page, preferably in order of frequency and by section. Telephones: 714-282-0076 or 714-282-2184.

+++++

Geomagnetic Indices

Aug. 30-Sept. 5	6	8	4	5	5	6	5	
Sept. 6-12	11	6	11	6	18	8	8	
13-19	25	45	20	17	18	11	05	storm A-index was 65

Changes in the BBC's Medium Wave Services--II

The changes which took place on 2 September are necessary because of the Government's decision to introduce local commercial radio, together with the decision that the BBC local radio stations should broadcast on medium wave as well as VHF, and the need to use a second medium wavelength for the BBC's programmes to Europe. Listeners who use VHF will not be affected by the changes; similarly the existing arrangements for Radio 1 and Radio 2 are not affected. The changes affect Radio 3 medium wave, Radio 4 medium wave, and Local Radio.

Radio 3 The only medium wavelength for Radio 3 will in future be 464 meters. Listeners who at present use 194 meters (1546 kHz) should retune to 464 meters (647 kHz).

Radio 4 All Radio 4 medium wave transmitters in England will in future broadcast the same programme and they will all use one of the four wavelengths: 261, 285, 330, or 434 meters (1151, 1052, 908, or 692 kHz). The present regional variations, including local news and weather, will be on VHF only.

Local Radio The BBC Local Radio Stations at Blackburn and Stoke-on-Trent will broadcast on medium waves for the first time as well as on VHF. The BBC Local Radio Stations at Manchester and Merseyside will start broadcasting on medium waves as soon as the necessary transmitter installations have been completed.

Since Sept. 2nd, the BBC Local Radio Stations which have been on the air appear to be on the air until 0100 hours local time.

In the list which was printed last week in DXWW of BBC Local Radio Stations, Leicester was listed on 1034 kHz. In a list received from Charles Malloy, Southport, England, Leicester is on 1594 kHz. (BBC Radio Times, 8/31/72, and letter, both from Charles Malloy, Southport, England.)

Listeners' Loggings-- Trans-Atlantic

- 692 ... East Germany, Suhl Wachenbrunn (Deutschlandsender) 9/9 0300 s/on, fair level with NA, news in CG, followed at 0308 by pop music. //728 (good level) and 782 (fair level). (WG,E)
- 764 ... Senegal, Dakar, good carrier noted at tune-in 0635 9/12, man in AA, soon faded. Back by 0650 but audio portion indistinct. Only other Dakar appearance this fall on 9/2. (GM,C)
- 773 ... Egypt, Cairo, excellent level 9/10 0307 in AA music. Signal level only 2 S-units less than that New Yorker 3 kHz down the band. (WC,t)
- 809 ... Yugoslavia, Skopje, Radio Skopje, good level 9/10 0356. March music during which man and woman announced "Radio Skopje" several times. Folk music after 0400. (WG,E)
- 818 ??? UnID TA, on tip from Jerry Osborne, with wailing music. Language definitely not FF. Tuned in 0535 9/4 and had this oriental type music right through the hour. Quite strong at times. Faded out for both of us at 0615. First thought was Cairo, as they broadcast music like this at this time but Cairo SR is 0400, so they'd have been in sunlight for 2 hours! Andorra is another choice but the music doesn't fit. Jerry dug up a 3rd choice--the new Surinam station from 840. Surinam-725 has been known to carry strange music. However, we both feel this to be a TA--loop direction (we don't think it's skewed), and regular fades every 5-6 minutes. There was a strong het on 764 (until 0700 fade), on the upper side of 850, and Morocco-935 was in. No Europeans heard. The 0615 fadeout suggests a station nearer Morocco than Egypt. There is a station in Morocco listed: Rabat, at 1 kw. Jerry notes that the only time

- 818 cont he's heard music like this before was Morocco-1196, with Berber service. Ideas? (WKB,E)
- 854 ... West Germany, Berlin, RIAS Berlin, fair level 9/9 0345. Commentary in GG by man followed at 0350 by woman introducing pop music which followed. (WG,E)
- 872 AFN West Germany, Frankfurt, fair to good level 9/10 0340 with rock music // 1106 (fair level). (WG,E)
- 989 ...West Germany, Berlin, RIAS Berlin, good level 9/10 0325 with pop music, ID at 0330 followed by news and weather. Continued with pop music at 0334.(WG,E)
- 1034 ??? Noted a thin het against an UnID LA on 1035 about 0320 9/10. Looping showed the het originating NE and on lower side of the LA, so I accepted this as the first evidence this season of a European frequency trying to warm up. We DXers certainly arrive at large conclusions on the basis of scant evidence, don't we? Het remained there for more than 2 hours, and at 0600 was able to pull some indistinct audio, music and voice not readable. Would have been Portugal, heard many times in the past. Also found TA indications some evenings on 1214. Who is this 1035 LA which appears after the Hziti s/off and may leave its transmitter on all night? (GM,C)
- 1043 ... East Germany, Dresden fair to good level 9/5 at 0302 tune-in with news in GG followed by light pop music after 0315. (WG,E)
- 1061 CSA8 Portugal, Norte very good level 9/10 2340 during GG language program.(WG,E)
- 1088 BBC England, Crowborough (note new transmitter site on this frequency) audible at 0100 and for the next couple hours 9/7 with World Service. In again 9/8. Good strength at times but of course WBAL makes readability difficult. (CMS,E)
+Good level most evenings with World Service in EE. This frequency apparently replaces 1457. (WG,E) (See last week's DXWW for article on BBC. Ed)
- 1106 ??? Israel(?) / Egypt(?), either jamming or weirdly severe carrier hum logged here at 2355 9/6 and 9/7. Egypt is reportedly using this frequency for transmissions to Israel. When Cairo's super-powered transmitter was first logged here in 1/70, a similar jammer-like sound was heard. (CMS,E)
- 1214 ... TA Carrier here from 0325-0355 9/10, most of the time, but no audio appeared. KGYN nulled; carrier not audible at 0400 or later so maybe a European sunrise cancelled it out for me, as in Albania or Talinn. This hour is supposedly too early for the BBC. (GM,C)
- 1376 ... U.S.S.R., Vinnitsa, Ukraine, poor to fair level 9/5 at 0306 tune-in. Woman in RR easily discernible during signal peaks. (WG,E)
- 1425 AFRS Greenland, Thule, was surely the one with C&W and American EE announcer looping NE 0909-0915 9/4. Strong when I first tuned in, but faded abruptly around 0915. Also noted 0835 9/11 with woman talking. Both times with heavy 1420-1430 slop. (BP,W)
- 1546 ... U.S.S.R., Vinnitsa, Ukraine, fair to good level 9/4 at 2340 tune-in to shortly after 0000 in RR. (Left to watch USSR-Canada hockey game). (WG,E)
- 1554 ORTF France, Nice. 9/4 tune-in 0210 with "Easy-listening" music. Steady signal, quite clear. Had noted earlier at 2345+, but not readable at that time. YL doing the announcing. Noted several dates since. (TRS,E)
- 1578 CSB5 Portugal, Porto. 9/3, continuous music from tune-in 2345+, announcements and ID 2359, 0000 more music. First was aware of good TA conditions because of het Porto was putting on 1580, when I was doing a bit of sunset domestic DXing. (TRS,E)
- 1586 WDR West Germany, Langenburg. 9/4, with GG news broadcast 0200-0205, female ID, into "easy-listening" music. Good steady signal, noted several nights since. (TRS,E)

Latin America

- 590 CMW Cuba, Havana heard 0720-0800 //CMQ; wiped out pest WEEI. La Voz de Cuba ID 0800 7/30. Heard a few more times bothering WEEI when auroral conditions were strong in August. (RCM,E)
+Finally heard through KHQ on 8/28 with SS announcement at 0627. Strong male LA vocal followed, ID at 0630. (PP,W)
- 600 CMKV Cuba, San German, presumed the fundamental of LV de Cuba heard with distorted IS on 3600 kHz, at 0603 9/4. (GH,C)

- 640 CMQ Cuba, Havana, LV de Cuba in well with nulled KFI 0730 8/28. Also strong in SS 1049 9/4 with KFI off. (BP,W)
- 650 XETNT Mexico, Los Mochis, Sin. strong every AM here, noted with commercial for a business in this city at 1111 9/9. (LBG,C)
+Weak with "Radio Sesenta Cinco" ID 1229 8/27. (BP,W)
- 655 ??? UnID weak carrier noted, fairly strong except there was no audio, SM 9/10 at 1152 and again at 1205 MM 9/11. Could be YSS or North Korea; both have roughly the same loop bearing from here. (LBG,C)
- 664 TGRT Guatemala, Guatemala, Radio Fabulosa not here this fall. Maybe migrated back to 670. (GM,C)
- 670 CMKP Cuba, San Pedro de Cacocum, strong with "Radio Progreso" ID 0750 9/11 parallel to 880. (BP,W)
- 750 YNX Nicaragua, Managua, back in almost nightly; 8/27 with lively LA instrumentals at 0530, 0539 ID as Radio Equis Nacional. Much trouble from WSB. (PP,W)
- 770 HJKH Colombia, Bogota, Radio Tequendama, 9/4 0605 Todelar plug, ID, chimes, ad, het (identical het on 780--have Cubans learned frequency control?) (GH,C)
- 780 ??? UnID LA causing a distinct rumble against WBBM most of the time at night past few months. Anybody know what it is? (GM,C)
- 820 XE?? UnID SS with ranchera music, then spot or promo mentioned "Radio (4-syllable)" and ID that began "Este es ... (one or two syllable) Radio" followed by rooster crow. 1225 8/27. Surely a Mexican, but which one? (BP,W)
- 825 TIOS Costa Rica, San Jose. This one was fabulous on 8/27 with SS rock music at 0544. Several spots by changes in voice, but poor copy. Faded up for a clear Radio Titania at 0550, chime, and then faded down. Still good at 0620 recheck. (PP,W)
- 830 ??? UnID SS female announcer, very weak. Male SS vocal music at 0656, trumpet fanfare at 0700 and male with announcement, but covered by static bursts. Female and male alternating paragraph readings; perhaps news. No spots noted. Cuba? (PP,W) (Kinda sounds like their format. Ed)
+Two LAs here after 0600 MM 9/11. while WCCO was silent. Static was heavy and spoiled this rare event for me. One of the LAs might have been Cuban. Both of them still on at 0900 when I gave up and went to bed. (GM,C)
- 840 HOL80 Panama, Panama, Radio Libertad, 0657 9/4, ID as "cadena nacional", giving address and phone; low het; 0658, "las 2, hora oficial de Panama" (note Panama is two minutes ahead of EST, hi). (GH,C)
- 870 ??? WWL also silent MM 9/11, as late as 0900, but static was heavy and nothing was noted. (GM,C)
- 880 CM.. Cuba, Radio Enciclopedia, 9/4 0609 TC for 2:10, ID. (GH,C)
+I must be the last one to log this super-pest noted nightly with R. Enciclopedia IDs. Always strong around 0600 with soupy-McR format. //670, I think. I did notice TGJ over them in several instances. (PP,W)
- 1025 TIAC Costa Rica, San Jose, I think that this is the only possibility with CA music at 1110 8/28. Woman announcer, but no mention of Radio Fides. More of the same at 1114, and then signal decided to fade out for good. LSR? No QRM. (PP,W)
- 1040 CMBN Cuba, Isla de la Juventud was strong during AN show SM 9/10. Gave ID as "Radio Caribe, desde la Isla de la Juventud" at 1029; noted earlier at 1002, but not as strong then. (LBG,C) (Two Cubans here now; Ron Schatz reported in DX News that CMKG was here, ex-1059. Ed)
- 1040 YV?? Venezuela, believed the weak SS behind CMBN at 1029 SM 9/10 when the announcer mentioned "Estado Miranda" plus the word "partida" (or political party, I think) several times. Also heard around 1045. (LBG,C) (Two YVs here; YVLB listed for s/on at 1000 in WRTH; YVON s/on 1030. Ed)
- 1055 HJFZ Colombia, El Espinal was monitored with a very good signal 9/5 from 0236-0413. Frequent ID was "La Voz del Centro" and at 0330 the announcer tacked on "de El Espinal". First time I've heard this one. (LBG,C)

THE IRCA FOREIGN LOG WILL HELP YOU IDENTIFY THOSE WEIRD STATIONS YOU HEAR. GET YOUR COPY NOW FOR \$2.75 WHILE THE SUPPLY LASTS.

- 1110 ZDK Antigua, St. John's good signal 0025 8/2 with several mentions of Antigua, accented announcer. Much talk about a carnival and other islands, "the big 11". Greenville also mentioned, as well as Leeward Islands. Gone by 0030 to WKYC. Heard at LSS here. (RCM,E) (Maybe they relay VOA news from Greenville as some other stations do. Ed)
- 1115 ??? UnID SS s/on around 1101, heard with religious broadcasting at 1101; the announcer mentioned Los Angeles. Could be interesting. (LBG,C)
- 1150 XERM Mexico, Mexicali, B.C. way under KAGO/KAYO 0601 8/27 with ID for XERM/XEAO/XEAA. (BP,W)
- 1160 HIBG Dominican Republic, Santiago was surely the one I reported SM 8/27 between 0955-1035, per tip in DX News. Correct slogan is "Radiolândia" rather than the "Radiolanda" I reported. (LBG,C)
- 1360 YVTI Venezuela, Santa Cruz de Mara good on auroral night with SS talk, IDs as Catatumbo Internacional at 0610 over/under WKAT, Miami Beach, after 0630. (RCM,E) (No date listed. Ed)
- 1440 HJEK Colombia, Tulua, Radio Tulua now heard with new ID, Radio Reloj de Tulua, 9/4 0529, EST TC, Aguila Rosa ad, music; heard only on 2nd harmonic of 2880 kHz, still radiating there like last fall. (GH,C)
- 1490 XE.. Mexico, UnID station 9/4 0538 with ID only as Radio Mexicana, "...mas popular, mas predilecta", 0540 another Radio Mexicana jingle; audible only on very long wire antenna. (GH,C)
- 1540 ZNS1 Bahamas, Nassau, good with Music Till Dawn program; ZNS1 AM and FM ID at 0839 9/4. First time heard. (MCC,W)

Trans-Pacific

- 750 KFQD Alaska, Anchorage, a nightly pest here since 8/26. Any one needing them should try, as WDB fades at LSR. Particularly good signal on 8/28 at 1208 with ID. Easterners need a good loop.)PP,W)
- 760 ... China, Peking, poor with man in CC 1215 9/3. (MCC,W)
- 830 JOBB Japan, Osaka fair with man in JJ, not as strong as JOIB 1234 9/3. (MCC,W)
 +Particularly strong 1152 8/28. TPs are once again with us. Those audible in decreasing order of strength were JOBB, HLKB-890, China-1040, JOUB-770, Japan-870, JOIB-750. 655 and 760 were absent when I tuned past. (BP,W)
 +Perhaps being a little further south, this one has been strong from about an hour before SR. 8/28 showed a good level at 1212 with man in JJ. (PP,W)
 +Heard pips at 1200 MM 9/11; only TP audible, but poorly. (FJP,W)
- 877.5 ... North Korea, Wonsan, Radio P'yongyang, noted 1230 9/11 MM, as near as I can determine on this frequency. Perhaps someone with a freq. meter could check me out on this. Besides 655, this was the only North Korean noted. Signal not too hot from either. Not //655. (AWP,W)
 +UnID conspicuous carrier (no audio) noted at 1217 9/10 during a TP opening. Is North Korea on this frequency? (LBG,C)(Reported on 878. Ed)
- 880 ??? UFO, mostly carrier, but some CC came up at 1240 8/28. This lasted for about 2 minutes and nothing more. Conditions not up to it yet. Foochow? Good up until 1320 on various rechecks. No North Koreans noted yet; still too early, and conditions have not settled down yet since the storm. (PP,W)
- 890 HLKB South Korea, Pusan, a surprise with what vaguely resembled a telephone talk show in KK, 1145 8/28. Two men talking; the one doing most of the talking sounded unprofessional and used lots of "um's". The other just added a few comments here and there. Signal subject to long deep fades. IS of ...- at 1200. Interesting, as no North Koreans were audible at the time. (BP,W)
- 967 ... Korea strong with instrumental music 1052 9/4. Have we ever decided whether this was North or South Korea? (BP,W) (I had the impression, from the type of format and pips that it was South Korea. Gary Jackson received a verie, although no frequency was specified. Ed)
- 1007 ... North Korea, probably the weak carrier here 1057 9/4. (BP,W)
- 1010 JONR Japan, Osaka surely the one with JJ spots and what can best be described as oriental instrumental MoR music 1025-1035 9/11 over/under XEHL/KDJW. (BP,W)
- 1040 ... China, Peking, solid, like the Rock of Gibraltar, on 8/28 at 1208. JJ program, but none of the usual yakking that I have heard here last year. Good

- 1040 cont up until 1302 on various re-checks. No North Koreans noted yet. (PP,W)
 +Believed the UnID-language station noted SM 9/10 (with WHO gratefully off) between 1137 and 1215. Most of the program was a woman speaking, possibly in JJ. Either WHO or KIXL turned on its carrier a few minutes before 1200 and I thought all was lost, but the oriental station returned with its best strength around 1213. (LBG,C)
- 1040 KHVH Hawaii, Honolulu fair with Music Till Dawn program, ID at 1328 9/6. (MCC,W)
- 1440 JOWF Japan, Sapporo over domestics with oriental instrumental McR and YL announcer in JJ 1000-1008 9/11 MM. (BP,W)
- 1529 ... R.S.F.S.R., Chinese foreign service LOUD with YL talker and anthem 1029 9/4 MM. At the end of the anthem there was a pause. Thinking they had taken a sudden deep fade, I cranked the gain all the way, only to have my ears blasted off by the Kremlin chimes a minute later. (BP,W)
- 1580 ... Thailand, Ban-Phachi, Radio Free Asia. A very definite reception of this long-wanted station under KDAY carrier. At 1200 9/11 MM, an ID "This is the Voice of America; the following program is in Lao", Yankee Doodle IS, something undecipherable (probably the same ID in Lao), then KDAY blasted me with their s/on at 1200:27. Naturally the signal was weak pushing through that carrier; should be strong otherwise. First new station of the season 10 minutes after turning on the receiver to start off the season! (AWP,W)

Verifications

- 750 YNX Nicaragua, Managua, a letter sent last January to Senor Diaz was answered by Douglas Amaya, Director Articial, in 8 months for mint stamps and post-card. This was a very general verification and could have passed for a SW outlet as well. Sent along blue and silver pennant. This station has been taking US dollars from SW reporters; a very poor judgment, I feel. (PP,W)

Reporters

- QKB Quentin Brown, Ottawa, Ont.
- MCC Mel Coffin, Mission City, B.C., Trio 9R59, 100' LW, N-S
- LBG Larry Godwin, Boulder, Colo.
- WG Bill Grant, Worcester, Mass. HQ-180AC, Space Magnet
- GH Glenn Hauser, Von Ormy, Texas, HQ-160, 506' longwire, SM-2
- GM Gene Martin, Denver, Colo.
- RCM Richard Mayhew, Valleyfield, Quebec portable receiver, LW,
- FJP Your reditor, HQ-180AC, 3' loop
- PP Paul Petersky, Bellevue, Wash. Sony portable, space magnet
- BP Bruce Portzer, Seattle, Wash. National NC-120, 4' loop
- AWP Art Peterson, San Pablo, Calif. HQ-180A, Space Magnet 1
- CMS C.M. Stanbury II, Crystal Beach, Ont.
- TRS Tom Sundstrom, Willingboro, N.J. HQ-150, Space Magnet-2

Albania Radio Peking's off-the-air relays on 1457 kHz often include ratio teletype and other noises. This transmitter has powerful signals in Denmark. (CMS)

England BBC's new Radio London is being jammed by pirates. The interference is sufficiently intense that Radio London is even acknowledging it on the air. Presumably this is partly in retaliation for the Conservative Party's doublecross after the 1970 election. Also BBC previously used Radio London's 1457 frequency to interfere with Radio Monte Carlo's late night pop program in English. (CMS)

Alaska The August 1972 issue of Alaska magazine says Wildwood Air Force Station is being vacated this summer. NRC Log lists AFRS Wildwood on 1490 with 50 watts. Assuming they're the same place, it would appear that this outlet has left the air or will shortly, thus reducing the QRM on 1490 by an infinitesimally small amount. (Bruce Portzer)

Start preparing for the Great Over the Big Pond DX Contest now.. Buy an IRCA Log.

The new IRCA Foreign Log has 124 pages crammed with valuable tidbits of information on over 1000 foreign stations. Now, before the season goes on too far, is the time to get your copy, for only \$2.75 for IRCA members. (Others will have to pay \$3.25.) For the beginner in foreign DX, there's a table converting GMT into your local time zone, plus several articles explaining how you can log foreign stations. Maybe all those abbreviations you see in the bulletin each week are meaningless to you--here's your chance to get an explanation of most of the common abbreviations. Just send your check or money order (no cash please) to Father Jack Pejza, 3266 Nutmeg St., San Diego, Calif. 92104, and receive your copy of the IRCA Foreign Log by return mail.

Father Jack Pejza, 3266 Nutmeg St., San Diego, Calif. 92104

School has started, and with all those good reports coming in, I might get inspired to get up early on Monday mornings to catch all those TPs people have been reporting. Welcome to new DXWW reporters Bill Grant and Richard Mayhew; keep those good reports coming in. It's interesting to see so many TA reports this early in the season; some of the TP reports have been nothing to sneeze at either. As I said last week, everyone seems to think this season will be the best in a long time, so start tuning those dials, kiddies. Those four pages of pictures from the Convention and elsewhere looked good. If we were offset, that could be a regular feature, hi. Good news--now that the Foreign Log is out of the way, I have finished typing up the second half of my article on the ionosphere; when I get around to drawing in the figures, I'll send it on to DEE. 73 de FJP.

OFFSET AND PHOTOS While I think Father Jack is joking about having photos as a regular feature if we were offset, I'm sure there is still a lot of misunderstanding on the part of the membership as to what offset really is. To many, it is 'printing' as compared to mimeographing or ditto (the latter is more correctly called fluid process duplication; Ditto is a brand name). And to many, offset is the method all magazines and newspapers must, then, be printed. Without getting into details, magazines and newspapers may or may not be printed offset. But regardless of whether the process is done with an offset press, a letterpress, rotogravure, etc., photos ALWAYS require one thing for publication: HALFTONING. Color photos (those printed in color) require color separations and 4 halftones. The point to be made is that IRCA can have photos as often as we can produce the photos and the money to pay for the printing. Notice that other clubs only occasionally run photos; probably no club has published as many square inches of photos in all their history as IRCA; only NASWA might come close. The money? \$100 was the cost for the 4 pages last issue. They were done by a wholesale firm and, so far, I'm convinced their price is as good as any for the quality. But judging from the response to a request for photos for publication, there are not going to EVER be any future photo pages, at least until after the next Convention; only Dr. Wood sent along a photo; how about the rest of you?

MORE ON BEVERAGES AND ANOTHER BEVERAGE PARTY Don Kenney's article on the Beverage DXpedition of Labor Day appears in its entirety elsewhere this issue. Not included were two maps drawn by Don; the room required to properly present them is probably not justified by the club-wide interest. John Clements has organized a Beverage party for this coming Friday, 9/29, leaving Riverside around 6pm. You're invited! We really would like at least a second car. The location is extremely easy to find. Take the road from 29 Palms to Rice; having passed Dale Lake (dry), take the turn-off that leads up to Amboy. The Beverage is a few thousand feet after the turn-off. All maps show the road. For more information, please contact me. Needed: Coleman lantern, grounding rods, 1000 ohm pots, etc. If you can supply any of these fine. We'll be there until sometime Saturday morning; hopefully somebody will be staying there later and maybe even Sat. night. For those interested in Beverage wire, Burstein-Applebee still has a little of their hookup wire, 10,000' for \$40; but they no longer list it in the catalog. Cat. # is 18A1470, white, #22, solid vinyl insulated. Fine for stringing Beverages on the ground. For all the new members, an article or so on the Beverage will be in your NMF.

-DEE