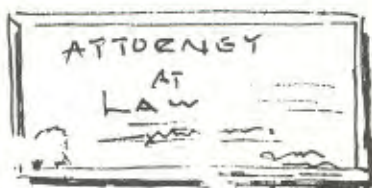


# Radio Watch

MIDWEST AMATEUR RADIO SERVICE

THE ALL DAY,  
EVERY DAY NET . . . .

WHERE THE ACTION IS!!



JANUARY 1972

--- AND TO MY NEPHEW --- I DO  
BEQUEATH MY 500 WATT CLASS "B"

PRESIDENT K9GPM RAY WILSON 25W013 LACEY AVE  
NAPERVILLE, ILLINOIS 60540

VICE-PRESIDENT W4WHP HARRY FAIRCHILD JR. 876  
N. BINGHAM MEMPHIS, TENN. 38111

SECRETARY-TREASURER W9YGF BILL BATSON 1857  
NORFOLK AVE WESTCHESTER, ILL 60153

DIRECTOR W9WWE MARV COOK P.O. BOX 82 SEATON  
ILLINOIS 61476

DIRECTOR W0WYJ ED BROWN 3672 TESSON ST SAINT  
LOUIS, MISSOURI 63125

#### BULLETIN

EDITOR W8NXD RONN MANN 1646 LEAHY ST MUSKEGON  
MICHIGAN 49442 AREA-ARNS-IMRA

CONTRIBUTING EDITOR W8NWU JOE CZERNIAK 2744  
BELLEVUE MUSKEGON, MICH 49441

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COORDINATORS K4DLA BILL BLANKENSHIP JR  
WB8BRE IVAN HOVEY  
WA0AFD BILL ERPELDING

SERVICE LIASON K5PGR OLIVER

PUBLICITY W9CCB BUD ROBINSON

from the pen of



## OUR PRESIDENT

To all midcars members:

My name is Ray Wilson, K9GPM and for the past two years have been your sec/treas. This year 1972, it will be my pleasure to again be a part of this fellowship as your President. Ed Brown's shoes fit loose, so therefore I'm going to have to grow a little.

I'm very pleased with the executive committee, Vice President Harry Fairchild W4WHP, Sec/treas, Bill Batson W9YGF, Directors Marv Cook W9WWE, and Ed Brown WØWYJ.

The 1972 calender will be exciting and hopefully full of great events such as picnics, get togethers, and the Biggie Dayton. The wheaton hamfest in Feb and Dayton in April. The midcars annual meeting in Bloomington in June. July in Kentucky, August in Michigan and Minnesota. Since the midwest is a very large area, let 7258 be the connecting link between areas of great distance when those events are on the same day.



Ramon K. Wilson K9GPM  
25W013 Lacey Avenue  
Naperville, Illinois 60540  
President MWARS - 1972 -



# WKAK RADIO

P. O. BOX 183 - KANKAKEE, ILLINOIS 60901 - PHONE 939-4541

Vern Weiss

Chief Engineer / Program Director

December 1, 1971

Mr. Ray Wilson, K9GPM  
25W013 Lacey Avenue  
Naperville, Illinois 60540

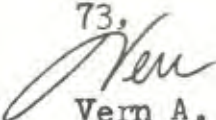
Dear Ray:

Please accept my check for renewal of membership in what I believe to be the biggest asset to amateur radio. I cannot think of any organization including the omnipotent god, the ARRL, that provides more a true service both to hams and non-hams. I can, as I am certain many can, think of countless times MIDCARS has been there just when they were needed. I regret that I cannot spend as much time as I should with the group, but I lend you my total support.

I think you, W0WYJ, W9WWE and W8NXD should be commended.

You all get a star above your lesson, fellas! -hi-

Best wishes for a joyous holiday!

73,  


Vern A. Weiss, WA9VLK

Ray,

All three CARS SERVICES should protest the "Super Stupid" contest as the whole band goes "C.B." with no regard for anything but personal greed. If 50% of these guys would help a Public Service, Ham bands would be used for what they were intended. If you notice they don't even respect each other and all for a piece of paper. OH well!

73 Marv W9WWE

# **REFLECTED** **AND** **DIRECTED**



Ray Wilson, Sec'y Midcars:

In reply to the letter by WQLTB printed in the Radio Watch in the Sept-Oct, 1971 issue. I feel his comments are ridiculous and not based on fact! His location is not considered Midwest, had he checked his maps, books, etc. He would find that the Midwest is East of his location! Had he mentioned the Mid States he would have been correct, but he did not say that.

Apparently he has a personal conflict and wants to take it out on his fellow amateurs. Hopefully he will solve his problems soon and give the years of experience he has for benefit to fellow amateurs.

I monitor Midcars quite often and have heard states as far West as Colorado and Wyoming check in and all states East of there. If this is not covering the mid states region, what is it?

One is not required to talk to anyone on the amateur bands nor are they allowed private use of one frequency. Why do some of the fellows gripe about traffic nets, services, etc? Are they jealous of the work done or what?

I am relatively new to amateur radio, have done some traffic handling and enjoyed many rag chew qso's. I am a member of the local Civil Defense and have been in their service for some time.

CONTINUED.....

R&D CONTINUED.....

My occupation is with the fire department here, and I have some 22 years in the service, so I know what public service is! I feel that instead of criticizing, we should offer our experience and try to help the less experienced and give an assist to the public as expected.

Now I will get down from my soap box and hopefully again, we will reach harmony and work as one to better the service of amateur radio.

Relieved,  
Bill Shelley  
WA9TAY



#### SNOOPIN ROUND



Now that Winter is on top of us and time to settle down in the shack to ham and to read and prepare our projects for next summers activities, a new column will appear here each month dealing with electronics in the form of Metal Locators.

How they work, Why have one, What to do with it if you did have one. Articles on how to build your own this winter. It will explain how to put it to best use. How to find old maps. Discover old logging camps, indian relics, etc.

Don Ferguson is an avid sportsman who spends alot of time out in field. He has used all types of locators and is an expert in his field. I've seen Don's garage and their isn't room for his car beleive me! Lots of Pictures too.



# Marketplace

Swan 350 xcvr Mint condx, \$300 WA9HNR Herb Schoeder 4150 N 51st Blvd Milwaukee, Wis 53216

Homebrew 4-1000 GC Amplifier, brand new tube plus a spare 4-1000, Exc condition and works FB, \$100, Fred Nannestad W9VAR/8 870 Boon St Traverse City, Mich 49684

HQ170 Rec \$125 HT37 Exciter \$150- One owner vy good condition FOB prefer pick up. Old Papa talked me into going Transceive Charles Allen K9IJB 621 South Vine Connersville, Ind. 47331.

Sounds like a used car ad, one owner, vy good condx, driven by a 70 year old maid only to Church on Sunday never over 25MPH and always in low gear. (ed) HI HI.

## PREAMBLE

This is Midcars, the midwest amateur radio service, operating all day every day on 7258 khz. The purpose, to maintain an open monitored channel to facilitate mobile operation in the midwest. Priority listings only are passed from control stations. During times of heavy traffic load on the service, transmit only when ask to by the control station. Priority traffic may break the service at any time by using a DOUBLE BREAK. TRIPLE BREAK means life and death is at stake. To contact a station you know is on frequency a simple phrase contact is said. Wait to be identified, call your station and then move off frequency. If you have information or a question, so state. Is their any emergency or priority traffic at this time, call now.... nothing heard W8NXD will now stand by for stations, MOBILES FIRST.....

## ANOTHER CALL FOR HELP ON "58"

At about 2:10PM December 6th while WA2K00/8 "Zeek" was service control, W6YK operating mobile 4 broke the frequency stating he was about 15 miles east of Crossville Tenn, on I40 driving a mobile Ford motor home and had just lost the rear wheels.

Good ole Zeek, who is better known for his good signal, also famous for his poor receiver needed a relay. Sooo WØWYJ, who has been called the "VACUUM CLEANER OF THE MIDWEST" took over and called for a Tennessee station to notify the highway patrol.

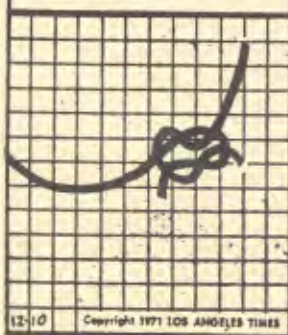
In quick response WA4DFR Bill near MEMPHIS took the information and gave it to the Patrol. WB4LAI/P4 also offered assistance,

The ending to this story is still untold as W6YK never came back on 58 to let us know if help arrived, or if he got his rear in gear again.

73

WØWYJ Ed Brown

### SMART CHART by Stansbury



12-10 Copyright 1971 LOS ANGELES TIMES

"We've solved our communications problem temporarily."



"I put epoxy glue on your earphones. Now you won't miss anything!"





Dear OM,

This will be a hasty letter in an inquiry that I think effects us all.

Please, may I suggest that an effort be made to get up a comprehensive set of guide lines for all us amateur to consul us in methods by which we may call to the attention of the public, and our local government officials, the many public and civic services we stand ready to give our communities at no expense or obligation to them in any manner.

Many of us have purchased emergency power units to better equip ourselves to serve any one that needs help, and we feel the need to more effectively present these public services to our community requirements.

Please consul us in suggestive procedures by which we may do this. It will not only fulfill our desires personally, but it will enhance Amateur Radio in general if more effectively presented.

Best 73's W8LMU FORREST O.MILLER

## Late Bits

The Davenport Radio Amateur Club will sponsor a Ham Fest on Feb 27, 1972. The location will be the Dance Land Ball Room at 4th and Scott St, downtown in Davenport, Iowa. Plenty of parking, lunch, prizes, and swap tables, dealers tables and displays. Reg \$2.00 at the door, \$1.50 advance. Talk in 3975MHZ and 146.94 MHZ. Contact Ken Caldwell WAØ OEV 1412 W. 14th St. Davenport, Iowa 52804 for more information.



## TAB BOOKS

Are you interested in just listening on Shortwave instead of always hamming? I know of a book that will set your mind at ease and lead you into the proper frame of mind for hours of listening pleasure.

Written by Wayne Green, this book covers the romance of short wave listening. It gives all the inside information on how radio got started with TESLA, VOLTA, LOOMIS, GALVANI and progress to the present day systems.

The National Bureau of Standards, plus WWV, Citizens Band and even governments from all over the world.

The Fascinating World of Radio Communications

CONTENTS: How the Bug Bit Me- Broadcast Band DXing- Tuning the Tropical DX Bands Tuning the Coast Guard Channels- The World of Medium Wave DX- DXing Television and FM Radio, Amateur Radio, CB, Pioneer Radio on the Prarie- The Terrible Jar at Leyden. And Much More. Get it and READ it.

(TAB BOOK No. 586)

Hardbound \$6.95; Paperbound \$3.95

Blue Ridge Summit, Pa. 17214

# What's New

## IN ELECTRONICS



- Murray Hill, N. J. - Bell Labs scientists have used a beam of laser light to raise small transparent glass spheres off a glass surface and hold them aloft for hours in a stable position without mechanical support. It was the first demonstration of optical levitation. Dr. Arthur Ashkin and Joseph Dziedzic used the beam of laser light to focus upward on a glass sphere approximately 20 microns in dia. The technique is expected to provide simple, precise methods for manipulating small particles without mechanical support.

In the experiments, radiation pressure from the light not only counteracts gravity and raises the particle, but it also traps the sphere in the beam, preventing it from slipping out of the beam sideways. The experiments were performed successfully both in air and in a partial vacuum.

According to Dr. Ashkin, head of Bell Labs' physical optics and research department, "Light photons have momentum as well as energy. When we focus a quarter-watt laser on a small, transparent particle, the extremely small force exerted by light is then sufficient to lift the sphere off the surface and suspend it."

The sphere is launched by lifting it off a transparent glass plate with the light beam. Initially, radiation pressure is not sufficient to overcome molecular attraction between the sphere and the glass plate. When the attraction is broken, the sphere rises in the light beam and comes to rest where the upward pressure caused by the laser is balanced by the earth's gravity. In this position, it can be held aloft as long as the light is focused on it. By changing the position of the focus, the trapped sphere can be moved up and down or sideways very precisely.



Joseph Czerniak W8NWU  
2744 Bellevue Road  
Muskegon, Michigan 49441



# SHOP TALK

3672 Tesson St.  
St. Louis, Mo. 63125  
December 8, 1971

To the members of Mid Cars:

As the outgoing president of the Mid West Amateur Radio Service, I would like to make a few comments:

1. To Ray Wilson K9GPM the newly elected President, Ray, all the luck in the world and I know you will do a very good job as you did as secretary for the past two years.
2. To all the University Club Stations, W0FLN-W0ZLN W9YB-W9YH-W0EEE to mention a few, you fellows have done an excellent job on Midcars in taking over from time to time as service control and offering your services. Keep up the good work as I believe in the future you gentlemen will be the backbone of Midcars.
3. To the grand guys such as K4DLA, Bill - WB8BRE-Ivan - WA2K00/8, Vick - Zeek, WB4VIK John, W9YGF ah Bill, K9GPM, Ray (Mid West in Illinois) W9GET, Jim, W9JLL, Paul you all - WA0TAY Bill, WB8GFJ - Ray, WA0YZO, Dale who runs numerous patches for St. Louis - WB4NWW, Charlie - K5PGR Oliver always has a big signal in St. Louis. WA9EYQ, Sandy across the river from St. Louis and last but not least Bernie, WA9 Windy City Station who has been off the air of late, again to mention a few who have given up much of their time to keep the service going, keep up the good work.
4. We have a few outstanding mobile signals on the frequency again to mention a few - K8UBK, Larry the manager of the Ohio SSB Net, W9WWE - Marv Mid Cars #2, WA5IMO - Joe from Okla, WA0UBD - Dale from Des Moines, WB9AAJ, Bruce from Quincy, Ill, and as much as I hate to admit it, K0YTM Ralph of St. Louis, Mo. The reason I bring this up is if more stations would attempt to perfect their installations, it would make the job as service control much simpler.

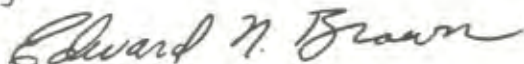
CONTINUED PAGE 13 .....

5. Gals and Guys, we have come along way since W9WWE and K9DDT gave birth to the service in the fall of 68 and I have no idea where it will go or end, but one thing I will say, as service control, there are times when you stand by for stations to check in, it sounds like you are rare DX. Please, when reporting into the service, just give your call sign and wait to be acknowledged by the service control.

6. To our underpaid and overworked editor, Ronn Mann W8NXd, keep up the good work Ronn on the radio watch. The present editions are a far cry from the first few that came out of Seaton, Ill, and no reflection on you Marv. To the members of Mid Cars, Ronn W8NXd cannot keep the Watch going without information, so if you as a member have anything of interest, PLEASE drop Ronn a line, a clipping from a newspaper, or photos of you and your shack.

So in closing, I want to say I have met a great bunch of guys and gals in two trips to the Dayton Hamvention, one trip to Quincy, Ill and two trips to Bloomington, Ill, and the few that stopped by St. Louis on their trips and on January 1st, I will take over as a Director for two years and hope to be of service to you.

73



Edward N. Brown WØWYJ

About midnight, someone broke into the studios where the TV cameras for the "time and weather" channel automatically scan dials giving the time, temperature and other readings. The intruder pasted two pictures of nudes over the dials.

No one notified the cable TV officials until about 8 a.m.



**FLIP**

**EDITORIAL**

Well, here we are again with a big surprise for the New Year. We have finally settled on a size and format for the Watch that I think we all will like. I know Bill and Ann will as they won't have to fold, only staple, label, stamp, bundle, and take to the post office.

It certainly looks like a big year ahead with lots of activity all throughout the Midwest being planned. Membership continues to increase at a steady rate. One thing I don't hear much on 7258 anymore is the control stations mentioning joining Midcars. Lets talk it up and get the active ones to join and become part of a growing amateur fraternity. I was just looking up the correct spelling of fraternity in the little dictionary WAQAYA Chic from Dutzow, Mo gave me and I saw a definition written in by hand for Friday "FRYDAY= DAY B4 MIDCAR PICNICS" page 223. The dictionary is 1½ X 2" and 3/4" thick. It surhez ben hendy.

I heard a familiar voice this week that hasn't been around for awhile, W9HEM. Where you been hiding Van?

Now that the Watch has taken on a new size we are going to need alot of input from you to fill the pages each month. Cartoons, letters, jokes funny personal stories, things you hear on the air, just about any-

**FLOP**

I hope you all had a very nice holiday and are rested up ready to tackle whats ahead.

I'm looking forward to meeting as many of you as I can over the year.

Don't forget to send those pictures of you and the rig in so we can print it.

I hope I get a good picture of Ray this year



73

RONN MANN W8NXD  
1646 LEAHY ST



# Worldradio

*NEWS - every three weeks*

A new publication has started to show its self in the amateur fraternity. It is devoted entirely to making the amateur fraternity aware of whats happening through out this world in amateur circles. 10% of all subscriptions and advertising revenues are divided equally among the following list of projects.

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MINH-QUY HOSPITAL  
HADLEY SCHOOL FOR THE BLIND  
RESERVE

I have read the paper with great interest as it is informative, well written, and has many pictures also. The subscription price is well within reason for 1 year delivery every three weeks. They request any thing of a new nature to be sent to them with a photograph if possible. If you haven't seen it get a copy today.

**\$5.00**

Worldradio - 2509 Donner Way  
Sacramento, Calif. 95818 USA

**MIDWEST AMATEUR RADIO SERVICE**

1857 NORFOLK AVE  
WESTCHESTER, ILLINOIS 60153  
BILL BATSON W9YGF SECRETARY



140 WA9VLK  
VERN WEISS  
719 W WATER ST  
KANKAKEE ILLINOIS  
60901

7258 KHZ +- DAILY

*Transcars each and every night 7258khz after MWARS closes down*