

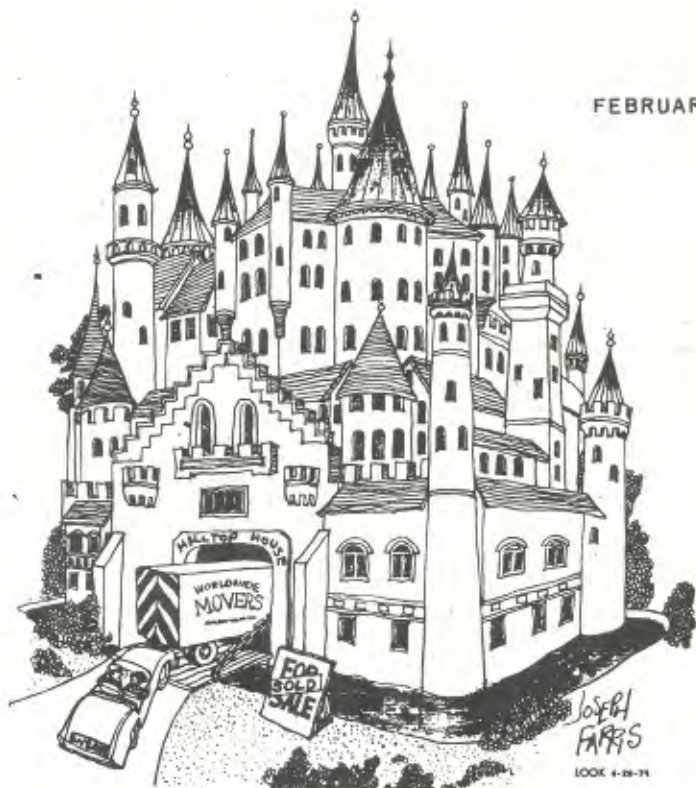
# Radio Watch

MIDWEST AMATEUR RADIO SERVICE

THE ALL DAY,  
EVERY DAY NET . . . .

WHERE THE ACTION IS!!

FEBRUARY 1972



"And on the North Tower we'll put a two-meter array, on the South Tower a six-meter stack, a 20-meter rhombic on the corner spires, an 80-meter Vee to the lookout tower, and every six months we'll throw a gigantic Swap and Shop and Hamfest in the Grand Ballroom!"

OVERHEARD ON 58: THAT GUY IN PORTLAND TEXAS, OUGHT TO BE IN PORTLAND CEMENT!

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

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### BULLETIN

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**REMEMBER ME?**

From Ham-Hum, via S.E.S.C.A. Newsletter.

I'm the fellow who goes into the restaurant, sits down and patiently waits while the waitresses do everything except take my order.

I'm the fellow who goes into the department store and stands quietly while the sales clerks finish their little chit-chat.

I'm the man who drives into a gasoline service station and never blows his horn, but patiently waits while the attendant finished reading his comic books.

Yes, you might say, I'm a good guy, but do you know who else I am? I am the fellow who never comes back, and it amuses me to see you spending thousands of dollars every year to get me back into your store, when I was there in the first place; and all you had to do to keep me was to give me a little service. **SHOW ME A LITTLE COURTESY.**



I GIVE YOU MY WORD THAT BARING UNFORSEEN COMPLICATIONS THIS WILL BE THE YEAR OF SURPRISES FOR THE MIDWEST AMATEUR RADIO SERVICE. IT WILL BE THE MOST DEMOCRATIC ORGANIZATION HUMANLY POSSIBLE DURING MY TERM AS THE PRESIDENT OF SUCH A FINE ORGANIZATION.





Friends! Are you tired of that same old run of the mill hair job? If you are then there are two tonsorial parlor operators you should meet. WAØAYA Chic in Dutzow, Mo, and W8KNV Hank in Muskegon, Mich are a couple of Hip Swingers of the Clip set. Ham lingo is spoken only. Get three more hams in and you can sing barbershop. If you're looking for the good old days when everyone used to meet there, stop in and checkin to Midcars while you wait. If we have any more members that are barbers I havent heard about them yet. (ed)

# Blind Since Birth, Girl Becomes a Radio Ham

By LLOYD WATSON

## and Makes Friends All Over World

Joan Carlson, blind since birth 21 years ago and denied the ability to live in the world of sight, has found a happy substitute in the world of sound.

To her neighbors, Joan is that slender, delicate-featured girl next door with light brown hair and a big smile. To her many friends across America and around the world, however, she is the voice of WB4GHD, ham radio operator in Miami, Fla.

WB4GHD is a light, tinkling voice — on the air up to six hours a day during the summer months.

And if WB4GHD has trouble transmitting because of atmospheric conditions garbling voices, she can still talk to her friends — by tapping out messages over the radio in Morse code.

"It was baffling at first," Joan says about her ham radio experience. "But now I love it. I have several hundred friends, and I've memorized most of their call signs.

"Many of the people I talk to all the time don't know that I'm blind. How could they? But it doesn't seem important."

First introduced to ham radio during her days at the School for the Blind in St. Augustine, Fla., Joan won her novice's license in 1964 and her advanced ham radio operator's certificate in 1970.

"I've been involved in no high dramas yet," she said, "but listening and talking is



always very interesting. A ham radio operator could never be lonely, the whole world is out there."

Joan has not only found new friends across the world through her interest in radio — she has also found romance.

She met Steve Miles, 24, a fellow ham, when they were both active in a radio club while they were students at Miami-Dade Junior College.

They plan to marry when Steve graduates from the University of Florida.



from the pen of



## OUR PRESIDENT

Section 8 of the election proposal has been adopted by a 30 to 1 vote in favor. Of the 500+ ballots that were sent out, only 31 were returned.

The returns constitute the voting populace for this proposal change. I wish to express the fact to one and all, that only a few interested people make the Mid-West Amateur Radio Service what it is today.

### ELECTIONS SEC. 8

Nominations for officers and directors shall be made by a committee of three (3) members appointed by the President; the committee shall report their recommendations, of not less than two candidates for each office not later than March 1st. Nominations may also be made by the membership, provided each nominee so selected shall have endorsed in writing by not less than 5 members, nominations by the membership must be received by the sec/treas not later than by April 1.



KEEP SMILING



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



WØWYJ & K9ICF at St. Louis Airport



The noise source at WØWYJ

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



Dear Ron:

Something that really cooks my goose. Why don't ALL service control stations identify themselves with each station that checks in? I have been driving along for as much as 20 minutes without hearing the controller identify himself with anyone! Meanwhile he is rattling off the calls of ten or fifteen other stations that are checking in.

As I read sec. 97.87 of the U.S. regulations, "an amateur station shall be identified by the transmission of its call sign at beginning and end of each single transmission or exchange of transmissions and at intervals not to exceed ten minutes duration."

I suppose this could be interpreted to mean that a service control station need only identify himself once every ten minutes no matter how many checkins. I prefer to identify myself with every station I talk with, even if only for twenty seconds on MWARS. But I have had this happen, I check in and ask for the controls call, and before I know it he is off checking in someone else. This is not right. Furthermore I am not able to properly log him in, not knowing his call. One day I politely asked a controller to identify and he called me a LID. Lid I may be, but I do follow the regulations as best I can, trying to keep the hobby in the best state possible.

73's to all

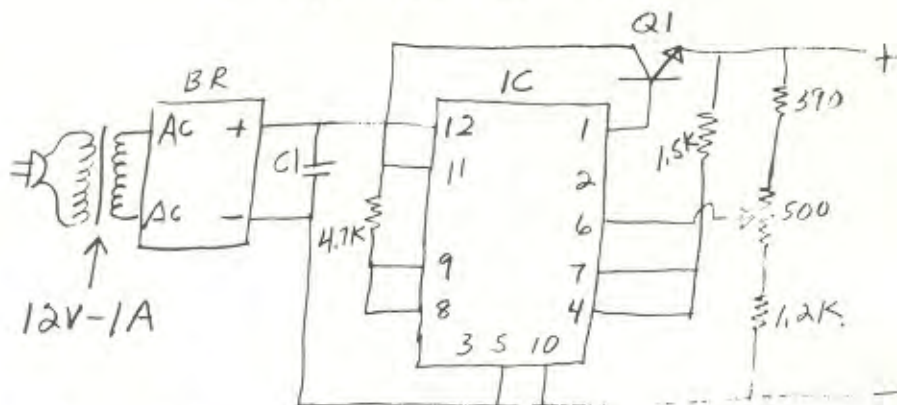
Bruce Fredrickson  
1118 N. 8th St  
Springfield, Ill 62702



# What's New IN ELECTRONICS



## 9V - 1A - REGULATOR



- BR - 1A BRIDGE RECTIFIER
- C1 - 1000 MFD - 25V
- IC - CA 3018 RCA
- Q1 - HEP 247 MOTOROLA  
(USE A HEAT SINK)



BOTTOM VIEW  
OF IC



**Joseph Czerniak W8NWU**  
 2744 Bellevue Road  
 Muskegon, Michigan 49441



## SNOOPIN ROUND



In the Northern lower half of the lower peninsula of Mich, there are hundreds of homesites and lumber camps that have been abandoned for at least 50 years. Some perhaps nearly 100 or more years. Each one is a potential Gold Mine for Early Americana Artifacts

I have owned metal detecting equipment since early 1957 and I certainly could start my own museum. My wife wishes I would then she could put the car back in the garage again.

Sometimes when you start to dig you earn an extra bonus in old bottles that antique dealers grab before the dirt is shook off, lost rings at the beach, old coins, farm tools, and logging tools are among some of the things you will dig up.

There are numerous places to go, as you read this you probably are thinking where can I start close to home. I have spent many dollars and hours using detectors and will be glad to help any one get started or answer questions.

See you next month,

Don Ferguson  
1735 Elwood St  
Muskegon, Mich 49442

Thanks to the whole Midcars group for the wonderful basket of fruit and all the many kind remeberances. Larry WB4BTM and Mary WB4CN Nall.



**FLIP****EDITORIAL** =====**FLOP**

Well, even the January issue was a surprise to me, with the screening around the titles, Joes face turned BLACK, part of a story completely missing, and the punch line on the front page gone. It should finish reading "MODULATOR AND FINAL". Other than that it sure looks good. Color pics soon in March too. Send lots of info to keep it going in the present size. Just plain good reading. C.U.

73

Ron Mann W8NXD  
1646 Leaky Street  
Muskegon, Michigan 49442  
MWAR5 Editor

**TAB BOOKS**

Blue Ridge Summit, Pa. 17214

(TAB BOOK No. 591)

Title: Solid-State Projects for the Experimenter

Author: Wayne Green

Price: \$6.95 hardbound; \$3.95 paperback

**CONTENTS:** Semiconductor Theory — Receivers & Converters  
Transmitting — Testing & Test Equipment — Miscellaneous.  
Also, a little signal source for 150, 450, 1200 MHz;  
224 pages, numerous illustrations.

Here are 63 projects of interest to anyone in electronics, transistor tester to a capacity meter, from an electronic counter to Devices use transistors, ICs, FETs, thyristors, etc.



**"Aha, artificial roses and 80-proof water!"**

*Protect your "ham" gear with a burglar alarm. If you can't afford an alarm, then do the next best thing, make em think you have one.*



*These are 2 x 3½ inch, yellow/green self adhesive vinyl. 8 for use on inside of glass and 4 for use on solid surfaces in a set.*

*Prepaid set of: 12/\$2    24/\$3    48/\$5*

**WOLFF**  
MAX R. OTTO  
733 West Benton Street  
Iowa City, Iowa 52240



# 'Instant Replay'

By RICK DuBROW

HOLLYWOOD (UPI) — Few things in television have been so much enjoyed, and so little understood, as the "instant replay" technique used widely in covering sports events.

This technique now is in its fifth football season, and, in the interests of public enlightenment, as well as a natural corporate desire for self-aggrandizement, Ampex Corp. has come up with a summary of how "instant replay" works.

To begin with, Ampex notes that its "instant replay" recorders, developed in 1967, "use highly polished disks for record-

ing surfaces instead of reels of tape used on conventional videotape recorders.

"The disks permit variable speed playback, plus stop motion, not easily possible with tape recorders. And access to recorded pictures can be accomplished much more quickly and accurately, as there is no rewind process as with tape."

How does "instant replay" get to the home screen? Well, as an example, says the company, in an important game two or three cameras are assigned to feed pictures of the action to instant replay machines.

"The camera, located in the

end zone, generally focuses on the wide receiver or split end and follows his maneuvering against the defensive back," it is explained. "This often provides the most exciting 'instant replay' action as the wide receiver is a frequent target for the quarterback's passes."

Then there is a second camera assigned to the offensive team, and a third one to keep on eye on the defense. This provides viewers with slow motion replays of key blocks by interior linemen to spring runners loose, or perhaps a chance to see "how a linebacker may get through to clobber a quarterback.

Besides these cameras, it is explained, as many as five others may be beaming pictures of the action "into a bank of small television monitors in one of the television vans located outside the stadium.

"Recorders, transmission equipment and key television people are located in the vans. All decisions as to what is broadcast are made in the vans by people who never see a live play during the game."

From all the material provided him, the video director decides what to send out to viewers. Via intercom, he communicates with cameramen, the men who operate the "instant re-



play" recorders and a technical director who mans the control board.

This technical director handles the pressing of the buttons that "select the camera output to be shown on the air . . . and also what camera feeds recorders. A special bank of television sets shows the director what is available for 'instant replay.'"

Of course, it is conceded, conventional videotape machines can be used to record each play of a game, and routine action can be erased immediately so that top moments only are available for a quick summary of highlights.

# The Rush Job



*I'm a rush job.  
 I belong to no age for men have  
 always hurried.  
 I prod all human endeavor,  
 Men believe me necessary but  
 falsely.  
 I rush today, because I was not  
 planned yesterday.  
 I demand excessive energy and  
 concentration,  
 I over ride obstacles but at great  
 expense.  
 I illustrate the old saying haste  
 makes waste.  
 My path is strewn with the evils  
 of overtime mistakes and  
 disappointments.  
 Accuracy and quality give way  
 to speed.  
 Ruthlessly I rush on.  
 I'm a Rush Job.*



**FLORIDA SKIP, INC.**  
 Your Amateur Radio Publication  
 P. O. Box 501  
 Maitland Springs, Florida 32146

ARNS BULLFIN

## WHY WE SAY IT 'Get Down to Brass Tacks'

In early England, before the invention of tape measures, dry goods merchants used brass tacks — driven into wooden counter tops and spaced at various intervals (half yard, yard, etc.) to measure the cloth that they sold.

After a housewife had selected the material she wanted she would then haggle with the merchant over the

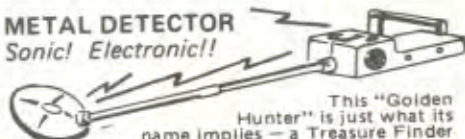
price. When the price and quantity were at last settled, the merchant would then "get down to brass tacks," measuring off the goods and completing the sale.

This expression has passed to us through the centuries and today it means getting down to business after the preliminaries are all out of the way.



# Marketplace

## METAL DETECTOR *Sonic! Electronic!*



This "Golden Hunter" is just what its name implies — a Treasure Finder deluxe. This powerful electronic detector finds buried gold, silver, coins — anything metal. Comes complete with battery and earphone for fine tuning. Fun and profit for the whole family.

Don Ferguson  
1735 Elwood St  
Muskegon, Mich 49442

\$39.50 pp.




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If medical science really wanted to help the human race, it would come up with a good explanation for a black eye.

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## 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 there any emergency or priority traffic at this time, call now, ... nothing heard W8NXD will now stand by for stations, MOBILES FIRST.....

# MIDWEST AMATEUR RADIO SERVICE

1857 NORFOLK AVE  
WESTCHESTER, ILLINOIS 60153  
BILL BATSON W9YGF SECRETARY



7258 KHZ +- DAILY



140 WA9VLK  
VERN WEISS  
719 W WATER ST  
KANKAKEE ILLINOIS  
60901

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