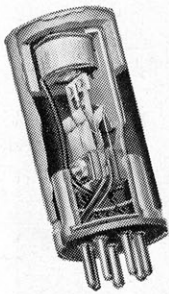


# MALLORY Vibrators Assure



## Positive Starting



**New 1700 Series** heavy-duty vibrators use an entirely new kind of mechanism that eliminates button contacts . . . gives far greater contact area . . . almost *doubles* service life. Sure, flare-proof starting. Steady voltage output throughout service life.



**New 1800 Series** self-rectifying vibrators use a novel spring leaf contact design that eliminates "bounce" . . . reduces wear and increases vibrator life.

See your local Mallory distributor for your stock of these latest vibrators . . . and for prompt service on other Mallory precision components.

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**MALLORY**

**USED COMMUNICATION GEAR**  
Will buy or can furnish good used 30/50 and 150 mc equipment; also have AC gas and diesel emergency generators, new and used.  
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the end of the war, boxes and boxes of it. He often goes up in the attic to get a piece of this or that to use or adapt to whatever project is on the fire at the moment. He is always building gadgets (cigar box specials) which, if they work are rebuilt into more permanent form. He is a great believer in the "junk box."

Hugh is a TV addict, especially baseball games, boxing, news and "who-dun-its." But he has even greater interest in the innards of the TV set. He is constantly making and experimenting with new types of antennas for TV.

We hope we have been able to surprise you just a little, Hugh, with this belated tribute to you on your 75th anniversary. Congratulations and sincere best wishes for many more active years.

### MODERNIZE

(Continued)

space for the unit number involved. (2) A space for the dispatcher's initials. (3) A space for name and address of assignment. (4) Any printed code numbers used. Either circle or check the number that applies. (5) Leave room for writing additional information. Obtain an automatic date and time stamp. Each time a mobile unit reports in fill out the pre-printed form circling or checking the proper information and then time-stamp it. On assignments the form is filled out as the information is received. The unit number is inserted and then given to the unit. It is time-stamped and filed.

Here in Santa Clara County we use two forms. One for status and the other for assignments and requests. The status of the units is logged on a small ticket about one and a quarter inches wide and three inches long, with a hole in the top. Across the console top are a series of pegs. The unit's status is logged on the ticket, time-stamped, and hung on his peg. Using this method a quick glance will tell the immediate status of each mobile unit. A pre-printed form is used for assignments and recording requests. These are time-stamped and filed in a slot over the unit's peg. In this way all the information about the unit during its tour of duty is kept readily available. A small daily-aid type of calendar book is used by the operating personnel to sign on and off duty, along

### HEAVY DUTY ANTENNAS

30-50 mc • 72-76 mc • 150-174 mc

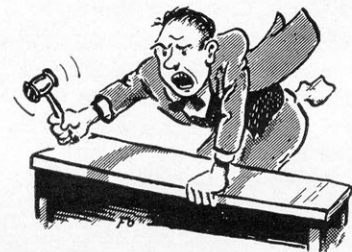
**Communications Engineering Co.**

900-A Dragon, Dallas, Texas, PR-7508

with the time of each. This method has been in service here for the last four years and never once have we had a real need to know what was transmitted word for word. If such was felt necessary a squelch operated recorder could be used in conjunction with the forms.

By adopting a modern method of logging it will materially speed up your operations, both in the field and at the base station. A recent ruling of the FCC in the Special Industrial field set a total of 100 mobiles per frequency as the requirement for any additional frequencies (if one can be found). This would apply to police as well. Even an efficiently operating system using all available developments and strict operational discipline will find 100 mobiles per frequency an optimum operation. Systems operations must therefore be as

## APCO Meetings



You are invited to attend the meetings of the APCO Chapters.

The following known dates are printed for your convenience:

**CALIFORNIA  
JOINT CONFERENCE**  
Bakersfield, Calif.  
April 12, 13, 14, 1956

**FLORIDA**  
Daytona Beach, Florida  
June 22, 23, 1956

**FOUR-STATE**  
Rochester, New York  
May 15, 16, 1956

**NATIONAL CONFERENCE**  
Los Angeles, California  
August 2, 3, 4, 5, 1956