

# 73

/ 88

APRIL 1968

60¢ (No Foolin')

## AMATEUR RADIO

The Vidicon Minicamera

Transceiver CW Switching

The Polar Key

Video Mixing Amplifiers

Remote Control VHF

ITV And Ways To Cure It

Electronic Careers Open

And Many More in this  
Issue



# UFO

THE DAYTON AMATEUR  
RADIO ASSOCIATION

**17<sup>TH</sup> ANNUAL DAYTON  
HAMVENTION**

Saturday, April 27, 1968

WAMPLER ARENA CENTER

DAYTON, OHIO



- Technical Sessions
- Women's Activities
- Exhibits
- Flea Market
- Awards
- Banquet

Celebrate Ohio Amateur Radio Week at  
the **DAYTON HAMVENTION**

FOR INFORMATION, MAP, ACCOMMODATIONS, WRITE  
DAYTON HAMVENTION, BOX 44, DAYTON, OHIO 45401

**NEW! IMPROVED!**  
SOLID STATE  
FREQUENCY CONVERTERS



Priced from only \$14.95 to \$49.95

Many new models available from .45 MHz. to 450 MHz. Some with dual gate MOSFET R. F. stages and mixers. Crystal-controlled oscillators, full wave UHF diodes for transistor protection and many more desirable features. Send for your free converter catalog. Vanguard Labs., 196-23 Jamaica Ave., Hollis, N.Y. 11423.

**VANGUARD LABS**

196-23 Jamaica Ave. Dept. H Hollis, N.Y. 11423

de W2NSD

never say die

Can Amateur Radio Help  
Solve the UFO Problem?

If the UFO's are, as many believe, space craft visiting our planet, can you think of a more important event of our times? Fortunately for us the problems facing UFO investigators can be solved by amateur radio. One single amateur, providing leadership at this time, might do more for the human race than a president or king.

A number of good UFO books have been published recently and those of you who have digested them probably feel about as I do. The mere fact of thousands of identical reports from all over the world by people who could not possibly have cooked up these things previously indicates the truth of the reports. The credibility gap being what it is these days, the poo-pooing of UFO's by our government is also a strong endorsement of their existence. Something is there and we should be doing everything in our power to find out more about it.

Those of you who are familiar with the developing story of the UFO's realize that so far the government investigations of sightings have always been for the purpose of proving them non-existent. So far there has not been one single government attempt to scientifically investigate the UFO phenomenon. If instead of sending out an occasional investigator to talk with someone who has reported a sighting they would organize a team or two of scientists and rush them to the area of a sighting with the idea of taking pictures of the UFO's while they are still there and checking for radiation, magnetic variations, electrostatic fields, etc., we might start to learn something about them.

The obvious problem here is to set up a network which will enable scientific teams to know immediately where a UFO has been spotted and where it is heading. Frankly I can't think of anything other than amateur radio that could fill the bill. You need something that is ubiquitous, reaching into every community. Telephones do this, but imagine the cost and complexity of trying to set up a national network of phones for instant communications! Thousands of amateurs can all listen on one frequency and hear any

(Turn to page 84)

## USED MODEL 501 TV CAMERAS



\$160.00 FOB Hollis

Each month we have a limited number of used TV cameras which we make available to hams at greatly reduced prices. These cameras were rented out for temporary surveillance jobs on construction sites, county fairs, conventions, etc. All have been checked out and are guaranteed for 90 days. Complete with vidicon and lens.

**Used Model 501 sale priced  
\$160.00 FOB Hollis**

Don't delay. Only a few used cameras are available each month. For specifications send for our illustrated catalog.

**VANGUARD LABS**

Dept. H, 196-23 Jamaica Ave., Hollis, N.Y. 11423

### WANTED

#### MILITARY SURPLUS AS TRADE-IN'S

WE OFFER new boxed Ameco, Drake, Eimac, E-Z Way Towers, Gonset, Hammarlund, Hy-Gain antennas, Ham-M Rotors, National, SBE, Sonar, Swan, Also reconditioned ham equipment taken in as trade.

WE NEED unmodified surplus equipment with prefix ARC, ARN, ARM, APN, APX, APS, APR, BC, FRC, GRC, UPX, GPM, GRM, PRC, MD, URM, UPA, UPM, URC, USM, URR, VRC, TED, TRC, TS, also Bendix, Collins, Boonton, Bird, Measurements, ARC, GR, Tektronix, Commercial Equipment, Collins 18S-4, 17L, 51V, 51Y, 618S, 618T, 51X, 51R, 51J, and R-278/GR Receivers, T-217/GR Transmitters, MD-129/GR Modulators, MT-686/GR Racks, AT-197/GR Antennas, Tech Manuals and Tubes.

**CLEAN OUT YOUR SHACK** by sending us your list of surplus for trading. It might be worth more than you think. List what you have and what you want.

Write, Wire, Phone Bill Slep, W4FHY

**SLEP ELECTRONICS COMPANY**

Drawer 178P, Highway 301  
ELLENTON, FLORIDA 33532  
Phone (813) 722-1843

station transmitting. And any one of the stations can alert all of the others when something is spotted.

If we were to establish a net frequency on 80, 40 and 20 meters for UFO reporting we could arrange for a single tone to be transmitted when an alert came along which would turn on all of the loudspeakers of participating stations. Thus all of us could have a receiver set up on a net channel all of the time, running silently. Amateurs in every community in the country could ask their local police, CD, etc., to call them immediately if any sightings are reported.

When something is reported anywhere the local amateur station would call in on the net and the net control would send the tone to alert the entire net. Once the area of the contact was established amateurs in the area toward which the UFO was headed could alert their police and any others interested. If scientific teams are ever available they would have a warning and might be able to intercept the UFO's.

A net like this could be formed immediately and could build as interest widened. All it takes is one single man with the interest and time to make it click. One man, if he has a good station, could start in as net control and open the net evenings as a starter. Eventually the net should be open around the clock, I should think. The automatic alert can come along later, though it is simple enough. A two-tone oscillator into a sideband transmitter will give out a nice audio tone for operating relays on quieted receivers. We used to send RTTY messages like that twenty years or so ago, so it works well. Simple too.

In terms of value provided by amateur radio to our country a service like this could dwarf everything else we have ever done. Just one good UFO success and we will have paid for ourselves thousands of times over. And think of the enormous publicity we would receive just for setting up such a reporting system. This would be in every newspaper in the country, if not the world, and would be there over and over. All the police forces in the country would be familiarized with us and would depend on us for their UFO communications. And if the government ever takes a serious interest in the problem they, too, would be entirely dependent upon us for communications.

If anyone is interested in going ahead and forming a UFO reporting net why not

