

-----BOONDOCKER

A PUBLICATION OF THE CLALLAM COUNTY AMATEUR RADIO CLUB -----W7FEL -----

FLASH--FLASH--FLASH--FLASH-----

As we go to press the BOONDOCKER is happy to announce awarding the first GENERAL BOONDOCKER GOLDEN KEY award to no other than our president "Hap", W7AIB for his fine article on a T-R SWITCH which is reprinted here. Honest, no politics were involved, just the earliest and most suitable article to be submitted for the BOONDOCKER.

Two other fine entries were received, one from W6HMV/7, our Doug Landaker on VR tubes and RC time-constants. These will be posted on the club bulletin board.

Max, WA7KDW also submitted news items regarding W7AV, Vern, who since has returned from his extended trip south. We will expect a report from him at an early meeting. Max worked KL7GOG, Jack Kvale of Cape Pole, Alaska and was informed Jack will soon be working with a 1500 ft wire antenna. We sure should hear him then.

Wonder who will get the GOLDEN KEY award next month --- get your entries in early to ye-editor!!

MARCH TECHNICAL PROGRAM

Our good friend and member Roy Moyer, W7HWU will present his program on TRANSMISSION LINES at the April 1st, Smoky-the-Bear meeting. Fortunately Roy has made a fast recovery from the operation which prevented him from giving it on the February meeting. Don't miss this important presentation.

APRIL & MAY TECHNICAL PROGRAMS

Member Gil Welker, W7LG, will launch the club into the deep secrets of SSB including the theory and operation of the various phases of it including LINEARS. Bring your questions on this subject and get good answers from this authority.

UNUSUAL EQUIPMENT DISPLAY AND DEMONSTRATION

Two very fine examples of home-brew design and construction will be displayed and demonstrated at the April TECHNICAL meeting. For those of you who missed the March GENERAL meeting the FMO will be again shown, a frequency measuring oscillator thru the courtesy of W6MFS & K2BF. The device is unique and gives excellent performance.

The other is a linear amplifier of original design built by WA6VLI. Its a real winner and will soon be published in 73 Magazine in full detail for home-brewers. Don't miss this meeting.

A BOONDOCKER EXTRA

Its the Amateur Radio Call Districts Map, attached. Hope you find it useful. A few extra copies are on hand if you have a friend who might like one. If so send me an S.A.S.E. for the same.

RECIPE for good club speeches: Add shortening.

1972 NATIONAL ARRL CONVENTION

The BOONDOCKER has been informed that the 1972 National ARRL convention will be held aboard the QUEEN MARY in Long Beach, Calif. This is an unusual QTH for a convention and a very large turnout for it has been forecast. The Associated Radio Amateurs Of Long Beach will be hosting.

Welcoming Gil Marrison, W7YJW back to the fold. (Dues paid too!)

HAMFEST ANNOUNCEMENTS

Skagit Radio Club, April 17th, Spence has tickets.

Yakima Hamfest, March 28th. Who attended? (Per WA7KDW).

Jim, W7FZR/MM on his way to Philadelphia aboard a tug burned out some component in his Swan rig and it looks like he won't be back on until it can be replaced. He made a stop in Tampa, Florida, but guess they don't sell such parts there. Contact was maintained with him up to his approach to the Panama Canal when the trouble hit and he went off the air. If he gets back on we'll let you know.

WANTED-WANTED

Mr. Donald V. Paxon, Editor of the Port Angeles Evening News has indicated an interest in radio and would like an elementary treatise on the fundamentals of radio. Sure would be nice if we could get him interested in Ham Radio and become a member of our club. How about digging in your library and finding a suitable book we could loan "Don"?

APOLOGIES to Gil, W7LG- we missed listing him among the SET activists.

EXPERIENCE is what enables you to recognize a mistake when you make it again!

CANADIAN OPERATION

1971 permits for amateur operation in Canada will be issued beginning April 1st and the new address for applications is:

Department of Communication
738 West Hasting Street,
Vancouver 1, B.C.

CONGRATULATIONS

To George, W7GCR, who gave up a fine call to become W7TY. (Tired Yank).

FIELD DAY

Coming up on June 26/27 th. Jake, W7YRC, has been appointed chairman for this event...Let's come up with your ideas on a good location, let Jake know. Now is the time to start getting our field day equipment in order for this fun event.

Its been said:-One way to make ends meet is to get off your own !

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CLUB PROJECT

It has been frequently mentioned that the club should have a construction project and that some type of simple QRP rig would be desirable. Lets all give this some thought to this and come forward with a project. Your BOONDOCKER will be happy to print the selected project following general club approval.

Official Bulletin:

NR 313 from ARRL Headquarters Newington Conn. February 25, 1971 to all radio amateurs

FCC today released a notice of proposed rule making proposing rules amendment to reduce present extra class cw segments from 25 khz to 10 khz, and to expand voice privileges with a new structure as follows:

Extra class only, 3750 to 3775, 7150 to 7175, 14150 to 14175, 21200 to 21225, 28350 to 28375. Extra and advanced, 3775 to 3875, 7075 to 7100 for interregional contacts only, 7175 to 7225, 14175 to 14250, 21225 to 21325, and 28375 to 28500. General, conditional and higher have space above 3875, 7225, 14250, 21325 and 28500 khz.

Novice privileges, all cw, would be modified to 7100 to 7150, 21100 to 21200 and a new segment 28150 to 28250 khz. Eighty and two meters unchanged. Interested parties may comment to FCC until June 1. League members should check the full info in April Qst and then convey their opinions on the proposals to their division director.

AREC ACTIVITY

If you are not joining the Manday & Wednesday On-the-air meetings of this group you're missing a lot of the fun of ham radio. Try it on 29 MHz at 0400z on these nites.

On the meeting of the 24th two of our Canadian friends joined us, VE7AYW, Jack Walker, and VE7CBD, Mike Murray.

Jack gave us a very informative run-down on the detection and locating of power-line radio noises including the use of ultra-sonic (audio) detection of interferences from various causes.

HELP WANTED

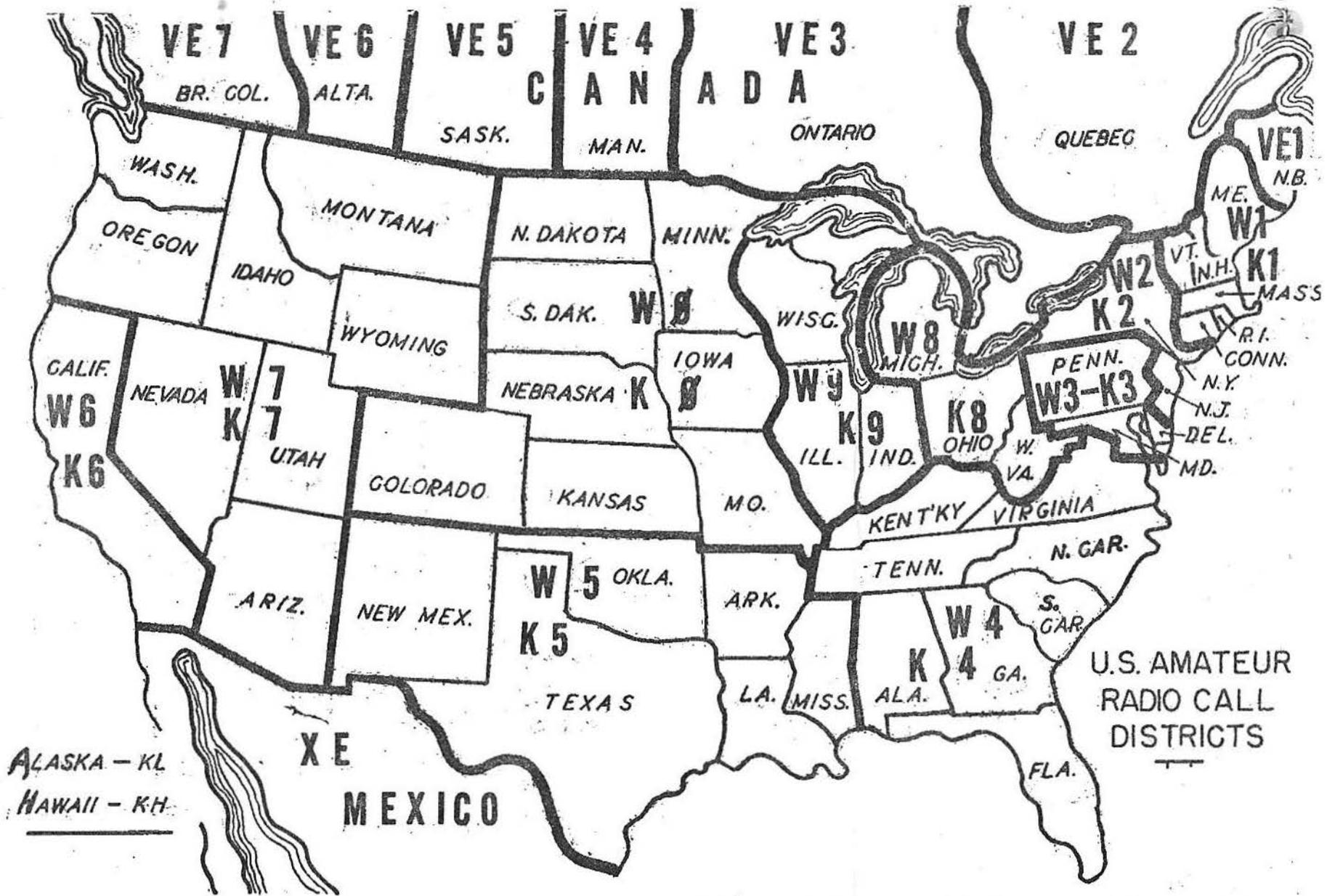
Mac, WA7KDW, sends the following:

"Hams are being asked to donate to a fund set up to buy a Swan 270 for Pete Barr, W7CIR of Yakima to replace his old AM gear which is no longer useable. Pete has been blind most of his life and has been very self-reliant. Lately he has suffered financial reverses making it unable for him to replace his oil equipment. We would all like to hear Pete back on the air." Donations may be sent to the following address:

Pete Barr fund, % H.C.J. Electronics,
East 8214 Sprague St.,
Spokane, Wash.

99206

Any surplus of funds will be set aside for future projects such as this.



Compliments of

the **BOONDOCKER** -

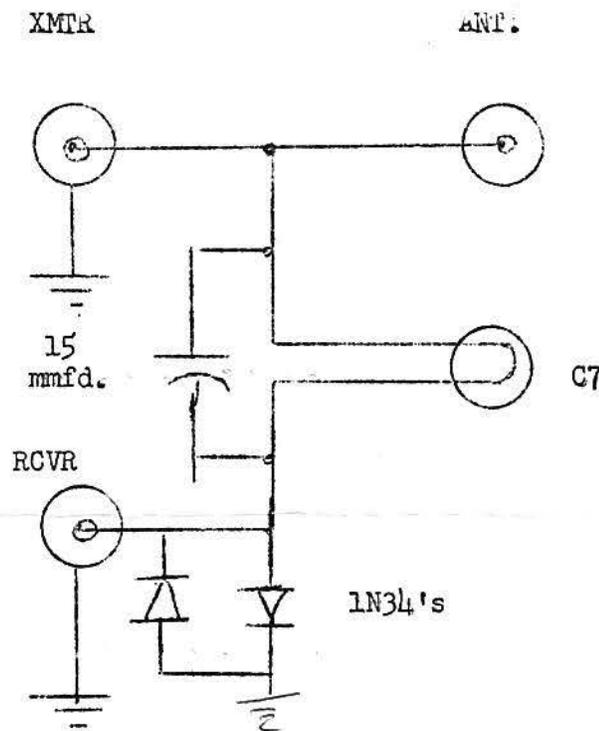
THE GENERAL BOOKDOCKER GOLDEN KEY AWARD ARTICLE.

T-R SWITCH

The transmit-receive switch described here has the advantages of operation on all bands with no tuning or band-switching, requires no power, and is very inexpensive and simple to build. Most antenna relays are not fast enough to switch an antenna system from transmit to receive and back at normal keying speeds. A T-R switch, such as this one, does provide instantaneous switching and is highly useful for CW break-in or voice-controlled sideband. Actual on-the-air tests of this switch, with transmitter input of 275 watts on CW and 200 watts on AM phone, show that this switch is far below its maximum power handling capability at those inputs.

Most or all of the components will be found in the average shack junk box parts. If all components are purchased, total cost will be about four dollars.

SCHEMATIC DIAGRAM AND PARTS LIST



- 1- Aluminum minibox, 4 x 2 x 2-3/4"
- 3- Type SO-239 coax receptacles
- 2- Type 1N34 diodes
- 1- 7½ Watt, 110 volt lamp, candelabra screw-base (Mazda C7)
- 1- Socket for C7 lamp
- 1- 15 mmfd., 1.5 KV disc capacitor
- 2- Terminal strips, lug type, 2 terminal, for mounting diodes and lamp.

By: "Hap" W7AIB
3/4/71

FIRST CLASS



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