

NEW TROPHY AWARD FOR PUBLIC SERVICE! P. 27

S9
ICD

MAY 1966

50c

the citizens band journal

CB CON-MAN

THE WORK-HORSE RECEIVER

FCC ACTS ON H.E.L.P.

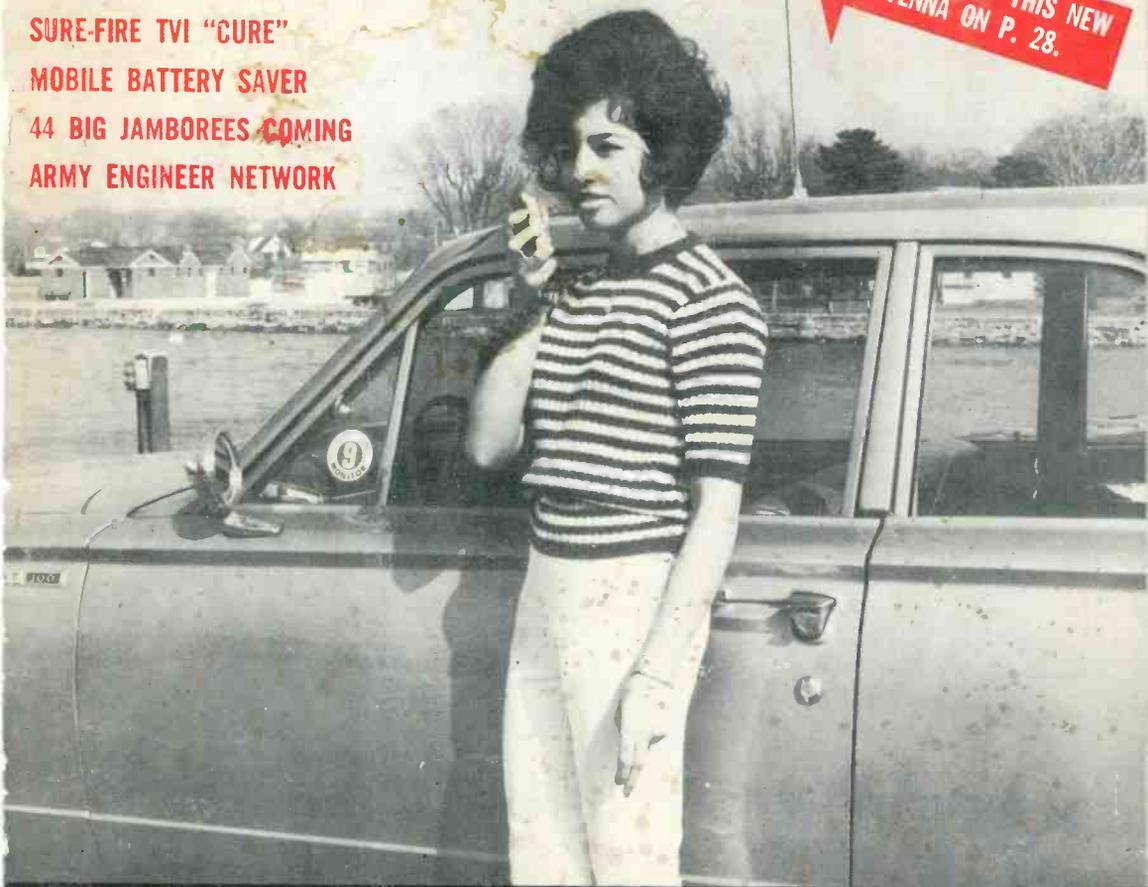
SURE-FIRE TVI "CURE"

MOBILE BATTERY SAVER

44 BIG JAMBOREES COMING

ARMY ENGINEER NETWORK

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ANTENNA ON P. 28.**



The OFFICIAL CB RADIO MAGAZINE

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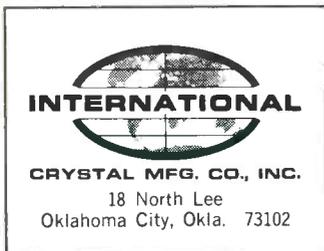
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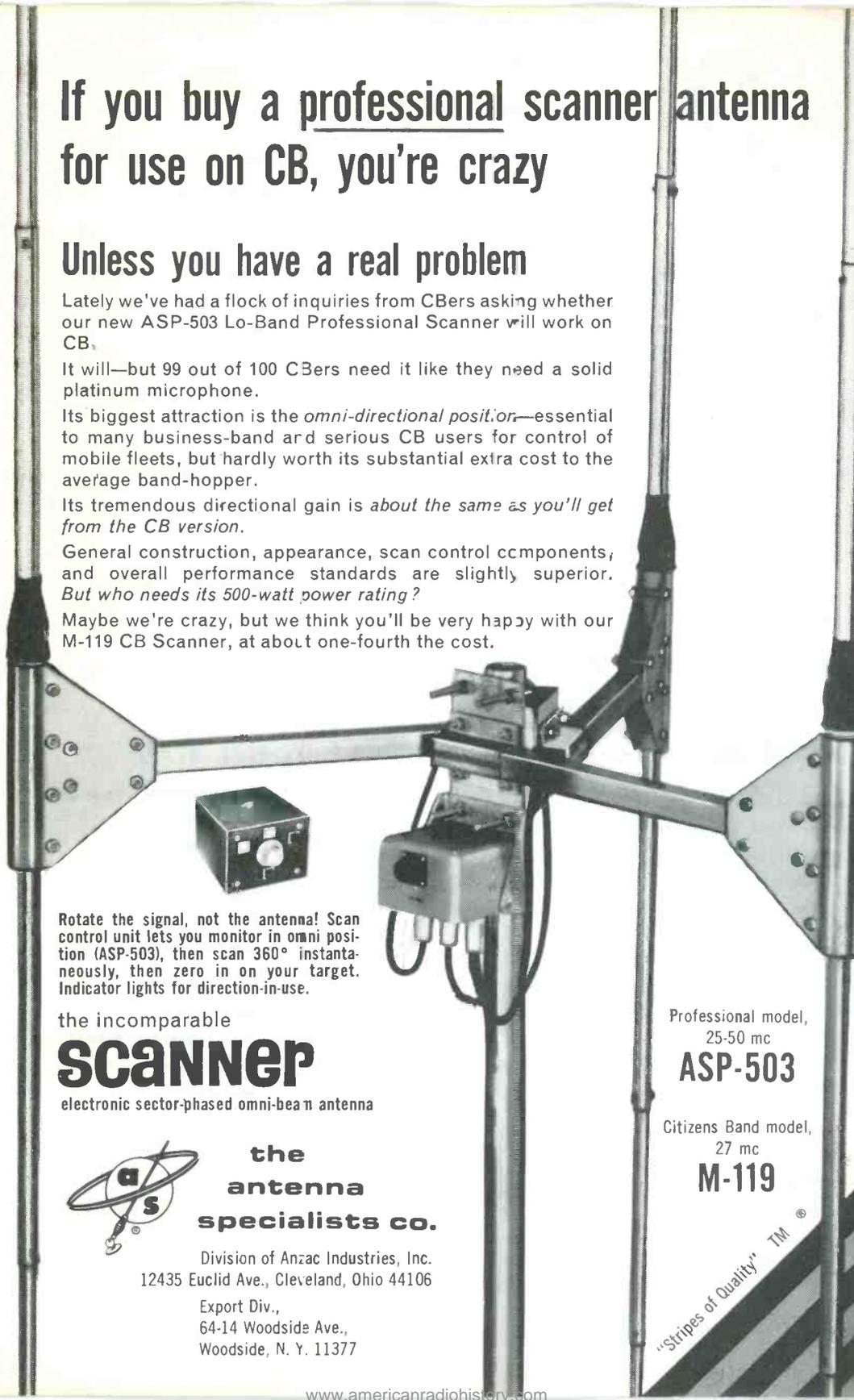
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Our cover: Lilla trying to iron out her attraction to Hy-Gain's new Magna-Topper magnetic mobile antenna. See page 28.

the citizens band journal 14 Vanderventer Ave., Port Washington, N. Y.

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READER MAIL

OVERSEAS SERVICEMEN

Tom:

Per your request for names of overseas CB'ers who might like to receive QSL cards, here's one:

Brian Souders (KCC1335),
FTG SN-7778385
USS HASSAYAMPA
F.P.O. San Francisco, Calif. 96601

George E. Diehl
E. Stroudsburg, Pa.

Dear S9,

Please run:
Raymond W. James, KCI6754
Box 392, 6950 Security Wing
A.P.O. New York 09193

L. W. James
Raleigh, N. C.

Sirs,

Ask the gang to send cards to:
Marshall K. DuBois (KDI0238), SH-3
USS RICH, DD-820
Fleet Post Office
New York, N. Y.

Mark Stires, KKP2650
Venice, Fla.

Dear Tommy,

I'm in Germany and am shortly to return to the States. I need someone in the New York or Fort Dix area to let me mail my CB rig to, because I can't ship it back with my car. I'll pay for storage on the 3 rigs which will be in 2 boxes with some other CB gear. I'm hoping someone will write to me about this. S9 is the GREAT-EST! Please ask the gang to write to me by air, sea-mail takes 30 days. Home town is Winthrop, Ark.

Paul S. Morgan, Jr., KEA2593
RA-19515379
HQ & HQ Co. 2nd Bde.
24th Inf. Div.
APO New York 09112

What say fellows, can someone give a helping hand to KEA2593? The other boys are a long way from home and would really appreciate a card to remind them how great CB was when they were "back home." If anybody else has addresses of U.S. or Canadian CB servicemen stationed at sea or abroad, send 'em in and we'll be glad to print them here.

CALLING ALL SWAPPERS

Dear S9,

In February I registered myself in your QSL swap section. I started off slowly, but by Feb-

Tell your friends about S9

ruary 12th I was swamped under. Every card said "Received your name via S9," or "Received your name from a friend's copy of S9." Just wanted to tell you that your swap column really pulled results for me. I'm telling all my friends about S9.

David White, KNN0838
Beachwood, Ohio

Dear Sir:

Your article on the phoney "CB'er in Thailand" is not as far out as your card "swappers" column. I did receive a card from this character, which is more than I have been able to do from your swappers list. I have sent from 50 to 75 cards to people on this list, and I have yet to receive the FIRST reply from any of them! You should discontinue this column.

Bill Dannielly
Raleigh, N. C.

Wasn't it Confucius who said something about 1 picture being worth a thousand words? Perhaps you should consider the "Siamese" card as being worth 1,000 real ones, and figure that you're ahead of the game. The guy who sends those cards out thinks a lot of them, anyway.

SALUDOS AMIGOS

Dear Tom,

I've been faithfully following S9 for over 2 years, but have seen very little about Area 22, the Caribbean Paradise and vacation paradise known as Puerto Rico. Guess I have to be the first one to drop you a letter and say that there are CB'ers here!

We have some 3,000 CB'ers here, and 90% of them are bi-lingual. The island itself is 35 miles wide and 100 miles long, with CB radio linking the entire island (despite a mid-island mountain range). Three major clubs are in Puerto Rico, the Puerto Rico CB Association, the Southern Puerto Rico CB Association, and the Mayaguez CB Club. The activities of all the clubs are inter-coordinated, and they are all affiliated with Civil Defense and other local authorities.

Many times we have played an important role in emergencies.

I want to congratulate you and your staff for putting out the best CB magazine ever, and I've seen them all. (Remember "10-4" Magazine? I still have some copies.) By the way, I just returned from 3 months in Venezuela and was surprised to find S9 there.

Luis F. Diaz-Rolon, KIJ0228
Bayamon, P.R.

Thanks, Luis. Let's hear from you again. You'd be surprised at the number of subscribers we have in Central and South America. When your letter came in I checked them out with our Circulation Department and was surprised myself.

Continued on page 71

A Best Buy That's Become A Best Seller!



23 CHANNEL DUAL CONVERSION CB

All crystals provided for 23 crystal-controlled transmit & receive channels!

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\$169.95

Rugged 5-watt CB transceiver with "space-age" 23 channel frequency synthesizer. Gives you bullseyes two-way communication in both fixed and mobile locations with equal ease. At your dealer now, the EICO Sentinel 23 is the new CB rig with every wanted and useful feature!

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editorial

KBG4303 rides again!

by TOM KNEITEL
EDITOR, S9

READER SURVEY

Elsewhere in this issue there's a little something called a "Reader Survey" which asks a lot of very nosey questions about you, your interest in CB, about what you like to read, and your opinions on things in general. Learning the answers to these questions is the only way we can hope to bring you a publication which contains information of use and interest to you. We will also pass along your thoughts to our advertisers so that they too may customize their efforts to your wants.

Won't you please take a few minutes out to complete this survey and return it to us? Send it directly to Dick Cowan, S9 Magazine, 14 Vanderverter Avenue, Port Washington, N. Y. 11050.

READER OPINION

Glad to see that our readers aren't just sitting there watching the world rotate. Reader mail seems to be running at an all time high, and that's a healthy sign for any magazine. Obviously, when readers stop writing, they have no interest in the publication.

The mail contains suggestions, kind words, inquiries, club news items, and assorted gripes (some are even justified). Some are typed, some are pencilled, a few are worked up on salvaged shopping bags.

Mixed in with any editor's mail are a handful of out-and-out crank letters each day. Personally, I get a kick out of them, and am saving the better ones to compile into a book called "Dear Editor." For instance, and you probably won't believe a word of this (but I kid you not), we receive home printed copies of an anti-S9 newsletter published by some crackpot in Ohio. The most recent edition was full of quotes from non-existent letters and people, semi-factual facts, bigotry, rantings from Krafft-Ebing (an interesting guy, look him up in an encyclopedia when you get a minute), lengthy explanations and counter-explanations, and humorless humor. He apparently thinks that S9 is out to "get him." You'd get a real kick out of receiving these, but,

unfortunately, the editor/publisher doesn't sign his name so I can't tell you where to write for a subscription. For all I know I get the only copy.

Point is that we like to hear from our readers, and all letters written with sincerity are carefully read aloud at our staff meetings and discussed at length. Sometimes, when we happen to tromp on a few toes in the editorial we even get impassioned threats of impending subscription cancellations — something which sends the poor Circulation Manager into whirling conip-tion fits. You'd be surprised at the effect of one single letter threatening cancellation.

I often wonder why many of those who seem to get riled at us on a regular basis insist on buying S9 on the newsstand. If they subscribed, and then beat us over the head with possible cancellation, their letters would be *twice* as effective. Gives you something to think about.

SOMETHING TO WATCH

A flash from Ernie Walker, ex-15W1670, of Espanola, N. M., advises of what looks like something ominous on the horizon. Seems that a recent meeting of the New Mexico Senate and House voted into existence a law calling for the establishment of something called the New Mexico State Radio Communications Commission. Early in March the law was approved and signed by Gov. Campbell.

Ernie tried to find out the exact nature of the functions of this new group. The only news his State Senator could depart was that it would "enact laws and regulate same." What that means is anybody's guess. Will they attempt to force CB'ers, Hams, broadcasters, to obtain secondary New Mexico radio licenses, as a supplement to the FCC license? Have they discovered a new way to drain John CB'er of his cash? Will New Mexico be the inspiration for other states to enact laws creating their own local FCC's? Will New Mexico be the new bat-villain of CB radio?

Tune in next month, same page, same magazine, when we will see if Ernie has been able to dig up a copy of this new law. Is the Joker behind this new law?

S9



BREAKTHROUGH...

TALK RIGHT THROUGH SKIP AND NOISE INTERFERENCE WITH THE NEW JOHNSON MESSENGER "350" SINGLE SIDEBAND CB TRANSCEIVER.

The Strategic Air Command, U.S. Signal Corps and overseas telephone companies pioneered single sideband because they required dependable, long range communications, particularly when operating conditions were at their worst. They proved that single sideband penetrated jumbled skip signals, atmospheric noise and other interference with clean, sharp clarity.

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All these and more are yours when you move up to single sideband with the Johnson Messenger "350". Ask your authorized Johnson Dealer to demonstrate it today!



E. F. JOHNSON COMPANY
7021 10TH AVENUE S.W., WASECA, MINNESOTA 56093

Write for your
FREE booklet
WHY SINGLE
SIDEBAND?

CB'er—OR CON MAN?

MIKE TROY, KAK0464/WA2TVV

At many CB'ers' homes, "the coffee pot is always on" for visiting operators. Be careful, though — your visitor might be more of an "operator" than you think!

Two girls in Stamford, Connecticut (we'll call them X and Y) were passing the time of day on the air on July 3, 1964, when they were interrupted by a breaker. He identified as KGH1052 mobile, monitor from the FCC office in St. Louis, Missouri; he was passing through town, he said, and had heard X and Y violating the CB rules. He ordered them off the air after getting X to talk him into her base.

KGH1052 was a surprise to even look at. His car was a beat-up clunker, with an out-of-place Cadre under the dash: his call was scribbled on a piece of white tape on the bumper, and the front right seat was littered with QSLs. 1052 himself was an unshaven, poorly dressed middle-aged man, hardly the average CB'er's idea of what an FCC official looks like.

Calvin Hubley (as he called himself) showed no identification card. His first item of business was to put X back on the air to "sign off legally" — to say "KKA— going 10-7," even though she wasn't talking to anyone! X's mother was absolutely terrified at what the "FCC" might do to them.

But then they had company. Y was going to have a coffee break at her house in an hour, and CB'ers were showing up at X's house to take her over there; some of them had heard, or heard about, Calvin's QSO with X. Calvin would have none of this. He got ready to go, leaving the family with a warning not to tell anyone that he was from the FCC — or else he might have to make a return visit. The mother readily agreed.

Calvin did not convince *all* of the family, or myself and the others who had parked outside. He passed out the QSLs from the front seat, which were from upstate New York and parts of New England; he didn't have any KGH1052 cards, he said, because a caravan of swappers had pulled him over on a Tennessee highway and cleaned him out. He invited us to throw cards into the front seat, and he would pass them out further down the road. He drove off, after telling me that he was headed for Long Island.

We didn't have far to go before finding him again, though. Someone had led him to Y's house, so he had already made himself at home by the time we arrived. Again, no identification card, although he entered on the strength of his FCC story. On the good side, Calvin opened his car trunk and pulled out an antenna as a gift to Y, who was confined to a wheelchair. Y's father, a radio amateur, was no more convinced of the FCC story than we had been, and he was soon to find out that the gift was a buttering-up for something else. He and Calvin put in a few minutes working on the timer in Calvin's clunker,

then the two went out for a test ride. On the way, Calvin finally made his pitch: he was running low on money, and since it was a Friday he wouldn't be able to get more until Monday, when the FCC office in New York would hand over some Traveler's Checks; he would have to cash a check. Y's father politely refused to help him out, thinking in the meantime whether to have the police run a check on him or not.

Calvin stayed a while, showing off a pile of QSLs from all over the country and chatting about the new rules (showing off his ignorance of Part 95 in the process). He drove off later on — for Long Island again, we suppose.

In a few days, we were getting cards back from "further down the road." KBI6347 in New York City sent cards which surprised many of the swappers — they said "Got your card from KHG3837, St. Louis, Missouri." What happened to KGH1052?

I and a few others were not surprised, because we had already been checking up. KBA-7214 came up with the callbook address for KGH1052 — a *collection agency!* A card was sent to each of the CB'ers whose New England and upstate QSLs we had received from Calvin. Only one answered in detail, a New Hampshire radio-TV repairman with the great call of 1W1111:

"Regarding your friend Calvin — 'KGH1052', he passed through town here about a week ago with a General MC6 he wanted to trade towards another radio. Since it involved a personal check, we declined but he managed to make a deal with another dealer (for a Cadre) downtown (who is now waiting with breathless anticipation to see if the check bounces). . . . He did take some of my cards and I just got a batch in return from a chap in N. Y. who said he used the number KHG3837 there. While here, he said he worked for the V.A. in St. Louis rather than the FCC (had a VA ident. card, too). . . . If I were you, I would take the matter up with the FBI, since impersonating a federal officer (FCC) is a felony. . . . Keep me informed as to how you make out — and by the way, what did he do down there?"

He had done enough down here that our letters to the FCC in New York, Boston, and Kansas City were turned over to the FBI, in a matter of days, we were called in by the area FBI office for questioning on Calvin. (One of the interrogators, incidentally, admitted being from St. Louis himself, and said that the address on the VA card shown 1W1111 did not exist — house number or street.) By this time, we had heard that Calvin had finally disappeared from our area, after one last performance in the Hudson valley as KHG3837 unit 2.

Continued on page 71

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Courier's TR-23S solid-state CB rig. So reliable, it's guaranteed for 10 years!

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DEPT. S-65

Yes! I'd like to know all about the \$169 Courier TR-23S with the 10-year guarantee.

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THE WORK-HORSE RECEIVER

CONVERSION OF AN AC/DC TABLE RADIO TO CB

by ALTON E. GLAZIER, KLA0092/K6ZFV



I have had a need for some time for monitoring receivers which I could place in any room in the house, so that no matter how far I might be from the transceiver, I could still pick up those important calls.

Having a need for at least three receivers, the price had to be right. Also, they must be capable of remaining on for hours, have as little adjacent channel interference as possible, and last but not least, be easy to construct.

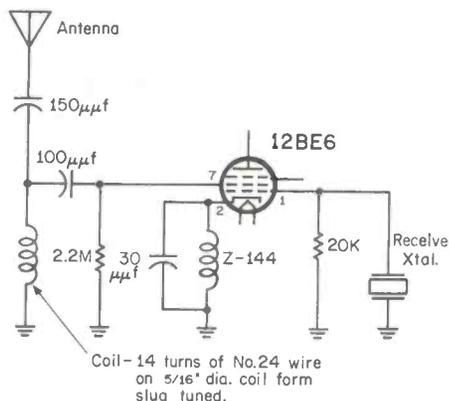
The one receiver which met these requirements is the little work horse of the entertainment field, the AC/DC broadcast receiver. I have used the conversion shown here on many sets of both known and unknown brand names, as it seems most everyone has an AC/DC receiver to give away.

For the sake of simplicity and eye appeal, the following step-by-step conversion was made to the Ambassador Model AM-999 (Radio Shack). However, any AC/DC receiver will do, but for ease of conversion, use a hand-wired receiver, not a printed circuit board. The quality of the Ambassador is excellent. For those who do not use this receiver, forget the step-by-step instructions and use only the diagram.

As you will note, the only change made is to the converter tube (mixer and oscillator). The IF amplifier, second detector, audio and power supply are left untouched.

STEP 1

Remove knobs (friction fit), screw from bottom, and two screws from back. Remove chassis.



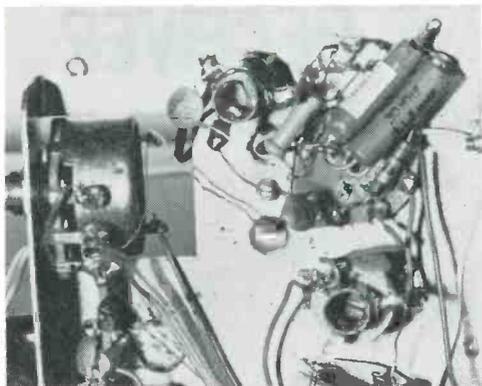
PARTS LIST

- 1 A/C-D/C radio, such as Ambassador model AM-999, listed in the Radio Shack catalog. (Catalog No. 12R1257, \$9.55.)
- 1 2.2 megohm resistor, 1/4 watt.
- 1 30 uuf capacitor.
- 1 150 uuf capacitor.
- 1 Z-144 Ohmite choke.
- 1 Pilot light assembly. (See Radio Shack Catalog No. 150, page 97 for choice.)
- 1 Telescoping whip. (Radio Shack No. 21R1156) \$1.99.
- 1 Receiving crystal. (455 KC removed from desired channel.) Any channel receiving crystal may be used. The IF frequency is 455 KC. (Radio Shack Part No. 21R1200, \$2.49.) Also X-tron Crystals, 890 - 71st Avenue, Oakland.)
- 1 Crystal socket. (Radio Shack 75R9131, \$.12.)

Mark tube number on chassis as tubes are removed. This will facilitate their replacement.

STEP 2

Looking at the schematic, on the bottom side of the cabinet, you will note tube number 12BE6 (V-1). This tube, with its associated circuitry, is the one with which we are most concerned. Turn chassis upside down, with volume and tuning capacitor on your right hand side and away from you. The coil to the extreme right of the chassis is the only coil with which we are concerned.



STEP 3

Remove all leads from the three solder lugs on coil. Remove lead from pin 7 of tube socket (V-1). Remove lead from pin 2 of V-1.

STEP 4

Remove bare lead of tuning capacitor, then remove the two front sheet metal screws and the one rear sheet metal screw, thus removing the bracket, removing the variable capacitor and coil.

STEP 5

Turn set upside down. Remove bundle of wire (pie wound coil) from coil form. This is best done by unwinding by hand. This completes the removal of parts.

STEP 6

Turn set upright. Where bracket which held the back side of variable capacitor was mounted to chassis, there is a tap hole. Measure $\frac{5}{16}$ " from both sides of center. Drill $\frac{1}{4}$ " holes (the long way of the chassis), then mount crystal socket, using screw that held bracket. Again turn chassis upside down. You should have a bare wire from solder ground point that had gone to the frame of the variable capacitor. This wire will now go to the nearest lug on the crystal socket (solder). Now remove the 100 uuf capacitor from pin 1 (V-1). Leave lead lengths as long as possible. Now run wire from other crystal socket lug to pin 1 (V-1). Solder both leads.

STEP 7

The 100 uuf capacitor just removed is now placed to pin 7, and one end of a 2.2 megohm resistor (solder). The opposite end of the resistor is soldered to ground lug.

STEP 8

You will note that the coil form where the coil was removed has three solder lugs. Using the one nearest pin 1 (V-1), fasten end of #24 enamel wire (be sure and remove enameling for $\frac{1}{4}$ " from end). Now wind coil, starting just be-

low rivets on solder lugs. Wind coil so turns just touch. Wind 14 turns. This end of the coil is now fastened to lug nearest pin 2 (V-1). Wind coil snug to form and hold in place with a few drops of wax if necessary.

STEP 9

To the lug nearest pin 2 (V-1), fasten and solder a piece of bare wire. The other end, solder to ground lug.

STEP 10

Fasten one lead of a Z-144 choke (Ohmite) and one lead of a 30 uuf capacitor to pin 2 of V-1. Solder. The other leads of the choke and capacitor are soldered to ground lug.

STEP 11

Referring to pin 1 (V-1), there is a 100 uuf capacitor. The end which was left floating is now fastened to the solder lug on the coil nearest pin 1 (V-1). From this same lug, fasten and solder one lead of a 150 uuf capacitor. The other end of the capacitor is now fastened to the unused lug of the coil form. From the same lug, fasten and solder a piece of insulated hookup wire 6" long. Feed this wire through the opening between chassis and volume control.

STEP 12

Fasten antenna to back of set, using $\frac{9}{32}$ bolts (be sure bolts do not touch chassis when set is assembled). Now the free end of the 6" wire is fed through one of the holes in the back panel nearest antenna and soldered to bottom end of antenna. This completes the conversion.

STEP 13

Install tubes and crystal. Plug in and turn on side. Be sure antenna is not touching surrounding objects, and that antenna is fully extended. Prop back of set on cabinet. Now tune for maximum signal or noise by turning lead screw on top of chassis which moves slug up or down in coil form.

STEP 14

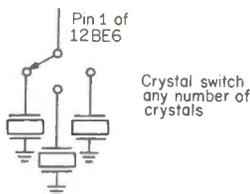
Remove plug from wall and reassemble radio.

STEP 15

To install pilot light, fasten pilot light assembly to hole in front panel formerly used by tuning capacitor. Fasten two insulated wire leads to pilot light socket. Feed wires through opening between volume control and chassis and solder one wire to pin 4 and the other wire to pin 6 of the 35W4 tube (V-5). If the pilot light has a screw socket, use lamp #40. If the socket is a bayonet, use lamp #47.

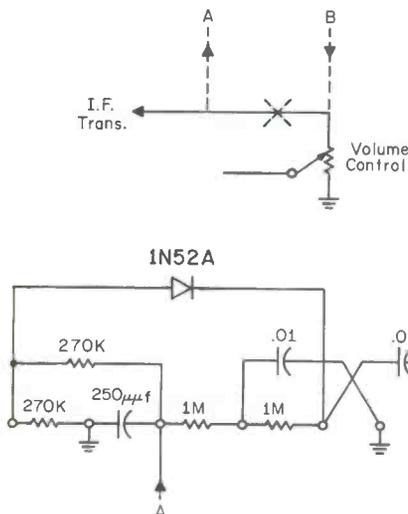
STEP 16

For those wishing multiple channel reception, omit the pilot light and install single pole multiple



tap switch as shown in figure 2. Any number of crystals may be used.

NOISE LIMITER



For those living in noisy locations, the following noise circuit is worth while. The entire circuit is built on a terminal strip and mounted on the chassis and then inserted into the circuit as shown in figure 3.

WARNING

All AC/DC receivers are dangerous when removed from case. Use extreme caution. **[S9]**

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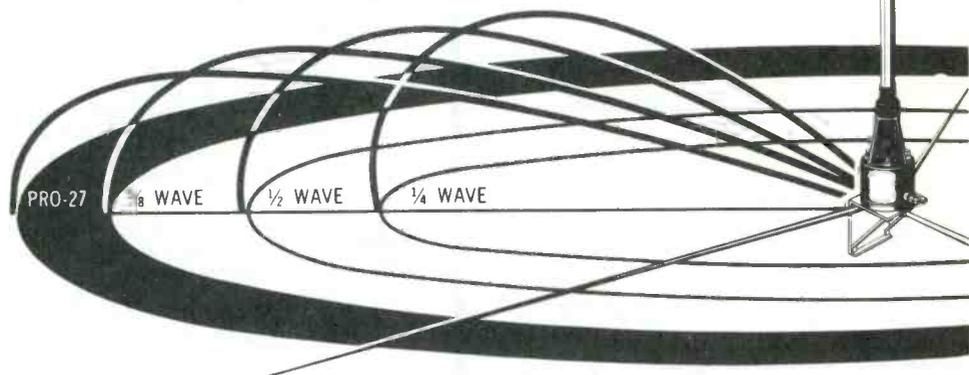
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FCC TAKES A STAND ON H.E.L.P.

AFTER THINKING IT OVER,
THEY DECIDE TO THINK IT OVER

by ROBERT McAIRES, KIC7608

The H.E.L.P. program popped onto the CB scene a few months ago, was presented to the FCC in a formal petition, and (aside from some police chiefs knocking the idea) has never been heard from again.

The FCC was thinking about the plan. After considerable deliberation, they finally announced:

"Because new and more effective uses of radio in the public interest are of vital concern to the Commission, it is interested in and desirous of, fostering the use of radio to aid the stranded motorist. The demand for improved communications to the general public has been steadily increasing and, among other things, the advent of the rural freeway has made some type of emergency communications necessary. The Commission recognizes the urgency of this problem and wishes to cooperate to the fullest in bringing about the best possible solution at an early date.

"Although some research on the subject of the disabled motorist has been conducted in the past, information to date concerning this problem is sketchy. However, recently there has been a quickening in the tempo of research in this area by those groups, police and highway officials, which have the direct responsibility for highway safety. These efforts have been considerably spurred by the recent announcement by the Bureau of Public Roads that Federal aid would be available for research and development of communications systems 'needed for the safety, accommodation and convenience of motorists.' Illustrative of the research and development efforts currently being undertaken are the following: (1) A five million dollar project by the Maryland State Road Commission to provide a full scale operational field laboratory along a portion of the Interstate highway network to evaluate individually and collectively certain communications systems; (2) a study by the State of Nebraska to determine the feasibility of including a highway emergency call sub-system in the statewide microwave system; (3) a field test by the State of Illinois to provide emergency call and audio sign communications on a section of Interstate Highway 80; (4) a project by the State of New Jersey to determine the feasibility of a system to detect stopped vehicles on a shoulder of a highway and transmit this information to a central location. Similar research is being conducted by a number of other states and, also, universities and private institutions.

"Information which is being developed as a result of studies and tests being conducted by the Bureau of Public Roads and the various state highway departments would substantially increase our knowledge of the disabled vehicle problem. It seems that for the Commission, through its license authority, to permit the creation of a multiplicity of systems would be a disservice to a large segment of the public. On the other hand it would be premature to affirmatively encourage the installation of a single system while exploratory studies of alternative types of radio systems are in progress.

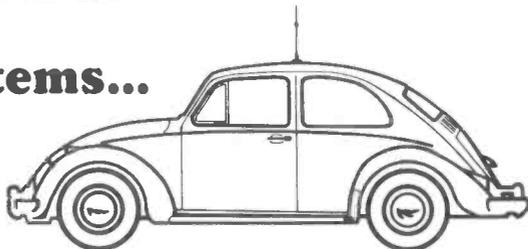
"The principles embodied in the HELP petition filed by the American Manufacturers Association, Inc., appear to have considerable merit in providing a communication link between disabled motorists and sources of aid. Indeed, the effectiveness of the basic principle is very well documented insofar as the application of this principle to the existing framework of the Citizens Band Radio Service has been carried out. The instant proposal, however, contemplates a very substantial extension of the application so far accomplished. As numerous as the Citizens Band clubs actively participating in the present version of the HELP program are, and as extensive as their membership is, the number of participating vehicles is but a handful compared with the 85 million vehicles on the road today, all of which would be potential participants under the more extensive program. With but ten percent of the cars produced annually (approximately 9 million in 1965) equipped to participate, there would be a twofold increase in one year alone of the total number of mobile units in the Citizens category and perhaps a tenfold increase in the number directly involved in the HELP program. Thus, before we become further committed to this course, we think it wise to allow more time for consideration of the matter by both the Commission and the agencies directly involved in highway problems. Of course, any new data must be forthcoming in the near future, otherwise it will be necessary to take action on the only petition on file, without the benefit of additional information. The Commission has, therefore, instructed the staff to give first priority to working with Federal, state, and local authorities to the maximum feasible extent with a view to further action at the earliest possible date."



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How long have you been a licensed CB'er? _____

How many base stations do you own? _____ Mobile? _____

About how much do you have invested in CB gear? \$ _____

How much do you estimate you will spend on CB during the next year? \$ _____

List manufacturers whose equipment you own: _____

List manufacturers whose antennas you use: _____

The next rig I buy will be a: _____

Station used for (list 1, 2, 3) Personal, Business, Hobby, Emergency.

Occupation: _____, Age: _____

Are you a member of a CB club? _____

Do you belong to REACT, HELP or other similar group? _____

Are you a Ham operator? _____ Class of license held: _____

If not a Ham, are you interested in becoming one? _____

Did you buy your equipment locally or by mail? _____

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Are you interested in monitoring any of the shortwave or VHF bands? _____

Indicate your order of preference of types of articles in S9 (1, 2, 3, etc.):

Technical theory, Antenna, Construction, Feature Stories, Humor, Chit-Chat,

Answers to reader questions, Equipment reviews, New product listings, QSL card

swapping.

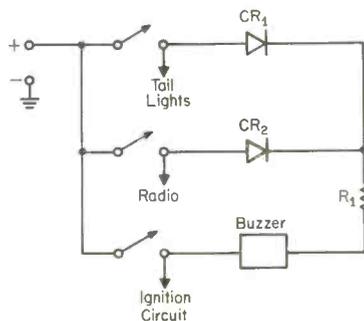
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by B. E. GRAHAM

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The schematic is shown for the common negative ground set-up. If your battery's positive post is connected to the frame, just turn the diodes end-for-end in the circuit (connect the anodes to the buzzer). A disable switch may be placed in the circuit in series with the buzzer if you occasionally need to leave your parking lights on with the ignition off. Then all you'll need is a circuit to remind you to not leave IT open! I'm working on that.

Ringo

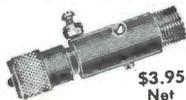
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INDIAN



DELUXE



TRY THIS ON BOTHERSOME NEIGHBORS

by VAY S. MEER, KKE8658

Long bugged by a pack of annoying neighbors who kept accusing me of causing CB-TV, I finally found a way to get them off my back.

Don't get me wrong, I wasn't trying to get off the hook. My rig is equipped with a low pass filter and I don't have the slightest trace of interference on my own set when my CB rig is in operation. Some neighbors still insisted that it was I who was causing the interference. Sometimes I was accused when I wasn't even on the air. Other times, I checked out their sets and found the interference to be coming from my set, but appearing on all TV channels while my own TV set was "clean." This meant that the TV sets weren't up to snuff, and that sure wasn't my fault (or my problem). Still, they kept

ringing my doorbell and being very annoying.

It was only after a few months of this that I came up with an idea. I worked out a "certificate" which looked very official and simply stated that I wasn't causing any TVI. A local printer made one up for me and I hung it in the shack. Every time a neighbor would show up, I took them over to the certificate and let them read it. Know what? The complaints soon stopped and I haven't been bothered since. I had some other copies run off and gave them out to my friends, and they reported about the same results.

I'm sending one into S9 so that you, too, can possibly benefit from this idea.

NOTICE OF COMPLIANCE

The operator of this federally licensed radio transmitter in the Citizens Radio Service has taken all precautions to eliminate harmonic radiations and other spurious emissions which could cause interference to television reception.

This station is operated in full accordance with the technical standards established by the Federal Communications Commission, including Sections 95.41, 95.45, and 95.49 of the regulations.

Operator: _____ (Signature)

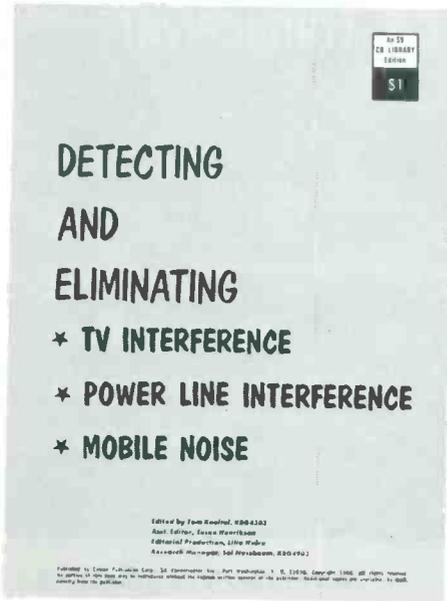
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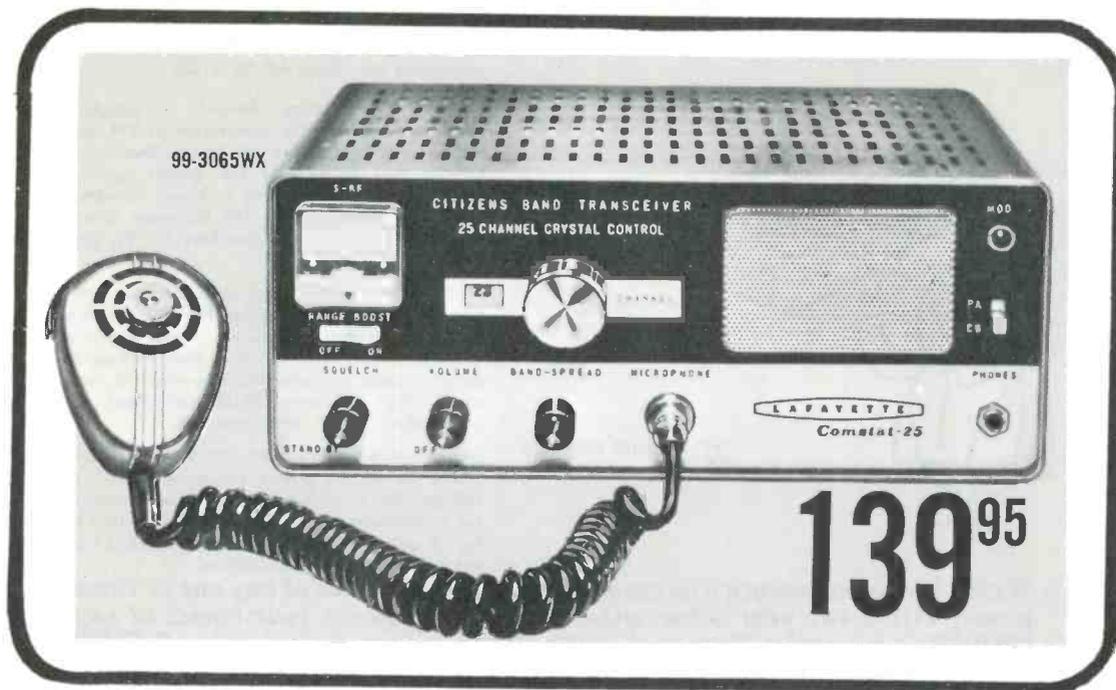
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BONUS ITEM #3 — S9's CB Interference Manual, a complete handbook covering the elimination of TVI, detection and elimination of power line interference and noise, and CB mobile ignition noise. Everything you need to know, including details of obtaining free TVI high-pass filters. The books sells to non-subscribers for \$1, you can get it FREE.

BONUS ITEM #4 — CB Operator's Guide. Book containing summary of major CB rules and regulations, PLUS glossary of CB words and expressions, PLUS directory of CB channels, PLUS call area map and guide to all current prefixes, PLUS sample CB messages, PLUS 10-Codes, PLUS instructions for using REACT and HELP monitors.

BONUS ITEM #5 — Jazzy blue-with-white, red-with-white or black-with-white plastic badge engraved with your callsign. Big 1" high by 3" long. Just the thing for a jamboree or use the pin to stab artichoke hearts or your aunt Maud in the clyde. \$1.50 value. Specify color combination.



With a 1 year subscription or renewal you get your choice of any one of these items; with a two year subscription or renewal you get your choice of any THREE items, and a three year subscription earns you not only all FIVE items FREE, but we will bow towards your 10-20 once a week (on payday). Just check off the item or items you want, rip out this page and enclose it in the postage-paid envelope (in this issue) when you send in your subscription.

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PROJECT S9'er



S9 OFFERS CERTIFICATES, PLAQUES, AND A TROPHY IN RECOGNITION FOR CB PUBLIC SERVICE

When S9 commenced publication in 1962 we decided that we would do everything possible to encourage public service use of CB. Since then, many clubs have been formed to carry out this type of good work, hundreds of individual operators have performed commendable CB communications, and organizations such as REACT have won us many new friends.

S9 now feels that it is time to show public recognition for these deeds, and we have come up with a system which will do just that. When someone uses his CB communications facilities towards the good of the public, or even to aid a single citizen in need of aid, he will write to S9 and give us complete details. The report may be submitted by either a club or an individual, but an entry submitted by a club must be for communications participated in by either the official club CB station, or by a number of club members acting as a club unit. Club entries must be signed by the President, individual entries must be signed by the individual and co-signed by at least one other licensed CB operator.

The definitions of public or other emergency service? If you stop to help out at the scene of a roadside accident, if you participate in search and rescue operations, if you use CB to summon

aid to a stranded motorist, participate in communications during a hurricane, earthquake, or other natural disasters; these are the things which we want you to tell us. Offering road directions, making hotel reservations, etc., do not qualify.

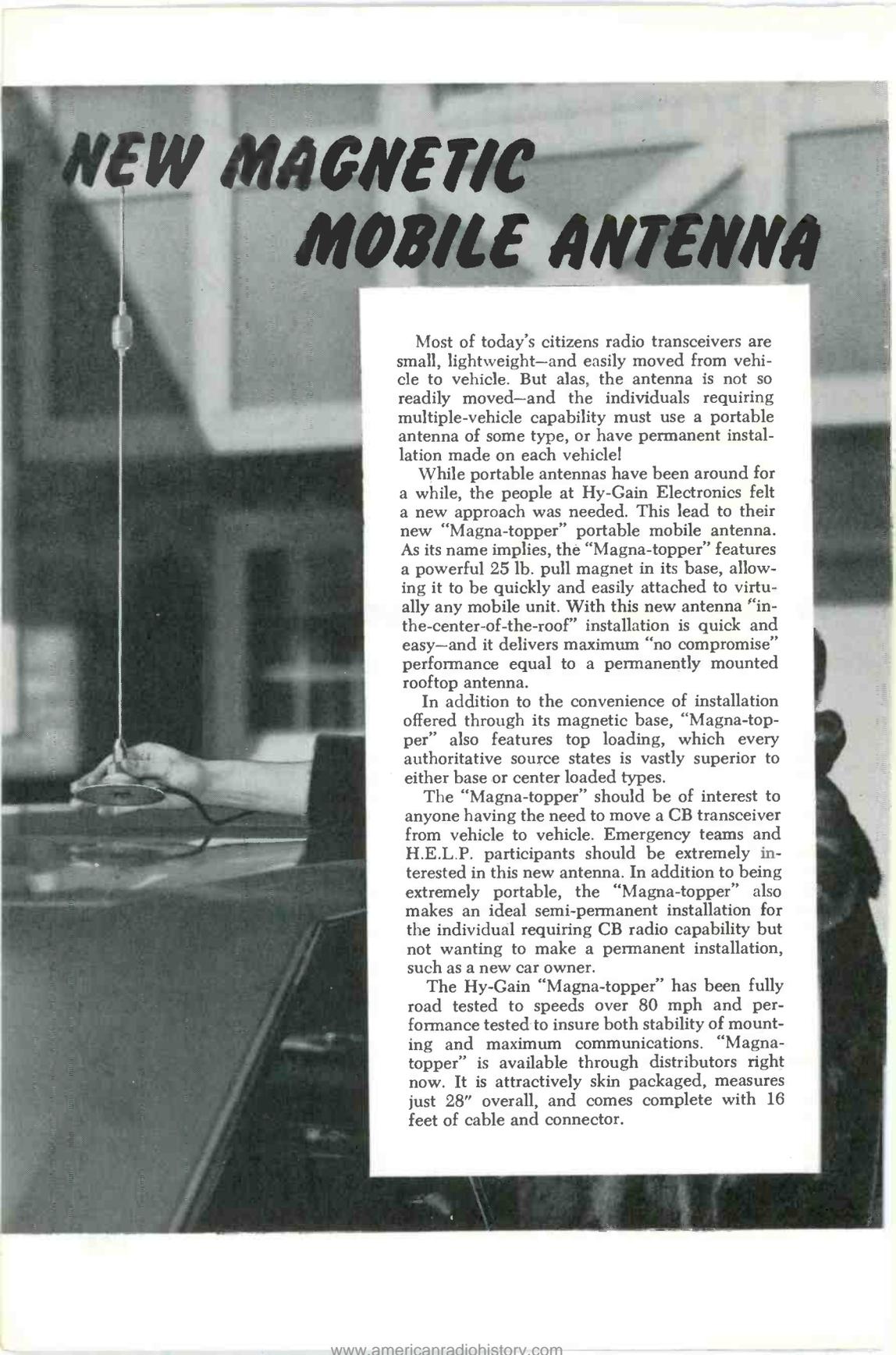
When the reports reach us (and they should be typewritten or at least in legible handwriting) we will consider each. All worthy efforts will receive a two color certificate. Every two months we will review all of the entries for that period and select one of the certificate winners to receive a metal plaque inscribed with details of the memorable deed. At the end of the year, each plaque winner will be considered for receiving a beautiful trophy, suitably engraved.

Name and callsign of each certificate recipient will be announced in S9. Plaque winners will also be announced with a brief resume of what they did in order to win, and the winner of the trophy will get the full treatment.

So send in those reports. Let us know the full details, dates, times, callsigns, channels, names of people involved. Address your reports to Miss Susan Henriksen, Project S9'er, S9 Magazine, Port Washington, N. Y. 11050. (All entries become the sole property of S9, none will be acknowledged or returned.)



NEW MAGNETIC MOBILE ANTENNA



Most of today's citizens radio transceivers are small, lightweight—and easily moved from vehicle to vehicle. But alas, the antenna is not so readily moved—and the individuals requiring multiple-vehicle capability must use a portable antenna of some type, or have permanent installation made on each vehicle!

While portable antennas have been around for a while, the people at Hy-Gain Electronics felt a new approach was needed. This led to their new "Magna-topper" portable mobile antenna. As its name implies, the "Magna-topper" features a powerful 25 lb. pull magnet in its base, allowing it to be quickly and easily attached to virtually any mobile unit. With this new antenna "in-the-center-of-the-roof" installation is quick and easy—and it delivers maximum "no compromise" performance equal to a permanently mounted rooftop antenna.

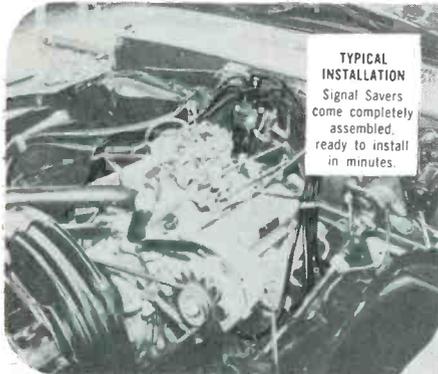
In addition to the convenience of installation offered through its magnetic base, "Magna-topper" also features top loading, which every authoritative source states is vastly superior to either base or center loaded types.

The "Magna-topper" should be of interest to anyone having the need to move a CB transceiver from vehicle to vehicle. Emergency teams and H.E.L.P. participants should be extremely interested in this new antenna. In addition to being extremely portable, the "Magna-topper" also makes an ideal semi-permanent installation for the individual requiring CB radio capability but not wanting to make a permanent installation, such as a new car owner.

The Hy-Gain "Magna-topper" has been fully road tested to speeds over 80 mph and performance tested to insure both stability of mounting and maximum communications. "Magna-topper" is available through distributors right now. It is attractively skin packaged, measures just 28" overall, and comes complete with 16 feet of cable and connector.

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Your receiver has a given operating range, depending on the type, power and frequency of the base station equipment, your mobile equipment, and local conditions. However, all gasoline-spark type ignition engines create ignition noise that interferes with your reception. And as your vehicle moves further from your base station the signal becomes weaker, the ratio of ignition noise to signal strength increases, and eventually the noise interference overrides your signal. Thus, noise interference limits your communications range.

But by grounding noise interference so it doesn't "clobber" the incoming signal, you can extend your reception range. Even double it. That's how *Signal Saver* works. It places a noise blanketing shield around the sources of the noise—the distributor, coils, spark plugs and high tension leads. In short, *Signal Saver keeps the noise out, lets the message in.*

FREE

Write for helpful information on adding miles to mobile receiver reception. Includes prices and data on Hallett Ignition and Battery Charging Shielding Systems. Get full reception from your receiver by reducing ignition noise. Write today!

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by **SUSAN HENRIKSEN**
Assistant Editor

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How's my MODULATION

organizing the O.C.B.A. Blood Program. It is the first Citizen's Band Club to form its own Red Cross Blood Program in our area. We hope other C.B. Clubs will follow your excellent example and start a program of their own.

Will you express our "Thanks" to the donors that came in yesterday by distributing the enclosed copies?

Very sincerely,

Reno W. Del Grande
Center Coordinator

Hi girls!

The YL QSL card winner for this month is Marion Ryan, KNP2800, of Pittsburgh, Penna. Congratulations Marion, on your winning.

I received a letter from the Oregon CB Association who are very proud of the help they have been able to provide people through the giving of blood to the Red Cross. They received a very nice letter from the Red Cross, and I thought you might enjoy reading about one way in which CB clubs have been able to be so helpful to so many:

Dear Mrs. Ward:

Thanks again for a fine job of donor recruitment that you did for our recent call to your Blood Program.

As you know, those blood donations are helping us to meet the current community blood needs and at the same time, supplying possible future needs for members of your club.

Our appreciation goes to you also for

I'd like to thank Bert Dickenson, KFG-0345, for sending the letter to me.

It seems that a lot of male CB'ers are reading my column. I have received a few letters from them. One that I received the other day is from Ray Johnson, KBH2287, of LaPorte, Indiana. Ray sent me a recipe he asked me to pass along to you girls, I hope you enjoy it:

- I qt. sauerkraut—drained
- I cup of each chopped—carrots, celery
green peppers—onions
- ½ cup Wesson oil
- I cup sugar—more sugar if desired
- I small can pimento
- Chill for 24 hrs.

Then you be the judge — Ray would like to know how it turns out! So would I.

Till next month . . . SUZIE



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ON THE COUNTERS

Manufacturers are invited to send in press releases and photographs for listing here, for which there is no charge or obligation to advertise. Readers should take note that we have not investigated the products, claims, or services listed in On The Counters, and cannot be held responsible for any erroneous information contained here.

Nutty things we've seen, but CB SHTICKERS are about the wildest yet. This is a set of gummed stickers (30 in all, 27 different) with far-out remarks such as "Please engage brain before pushing mike button," "Who is KBC4528?" "Danger, 5,000 milliwatts," "Official CB HORI-

Support CB in Bosnia & Hercegovina



ZONS former reader," "TVI complaints received at rear door only"). Paste them in your mobile unit's window, around the shack, on QSL cards, on your aunt Maude's Clyde. The whole set is 50¢, 3 sets for \$1. Order CB SHTICKERS from S. Nussbaum, 1440 50th St., Brooklyn, N. Y.

Lafayette Radio never ceases to amaze us as they add set-after-set to their extensive CB line. Each time they bring out another new one you say, "What else can thy add?" And they figure out a way to answer it in a few weeks, it seems. This go-round is the *Comsat 25* rig, their lowest priced full-channel set. Offering all 23 channels plus the two proposed HELP channels on a crystal synthesizer circuit, it also features a dual conversion receiver with .8 microvolt sensitivity. Other goodies include an illuminated tuning dial and S-meter, delta tuning, squelch, range boost modulator, PA, and a rear panel switch which will cut you down to 100 milliwatts. Price? \$139.50.

Also from Lafayette we see a new walkie-talkie, the HA-99 2-channel, 300 milliwatt unit with a range boost circuit in the modulator. Using 9 transistors, the HA-99 has a superhet receiver and comes with 1 set of crystals, batteries, leather carrying case, and telescoping antenna. Price is \$28.95 each or \$27.95 for two or



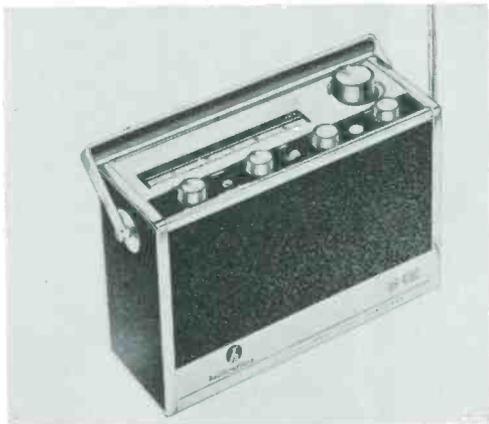
more. You'll need a license for this unit as it runs 3 times the power input of unlicensed rigs.

Turner Microphones, 909 17th Street N.E., Cedar Rapids, Iowa, introduces their new cardioid model 505 mike. This one has an adjustable bass response which does the following by means of a rotary switch: with the switch in the "normal" position, the frequency response is 40-15,000 cps; with the switch in the "less bass" position, you have a response of 100-15,000 cps. Literature is available from Turner.

Ringo may be a drummer to you, but to the folks at Cush Craft, 621 Hayward Street, Manchester, N. H. 03103, it's the star(r) of their line of antennas. Actually, Ringo is an all new, lightweight, low priced 1/2-wave base station vertical antenna. It is designed to multiply signal power through full length capture area and low angle of radiation, featuring a power ring for maximum efficiency and full circle gain. Made from heavy wall aluminum tubing with a phenolic base insulator, it assembles instantly and may be used in any location. Price is \$16.95. Want

more info? Tell Bob Cushman at the company that S9 sent you.

If you like nifty looking gear you'll really dig Hallicrafters new WR-4000 "World Range Radio" portable. Looking like something from the next century, the WR-4000 is all transistorized and will operate for 300 hours on a set of "D" batteries. Band #1 covers the frequency range of 185 to 400 kc/s to give you marine and aircraft navigation beacons and weather; band #2 covers the standard broadcasting band with sufficient overlap at each end to let you tune those interesting radiobeacons everyone is talking about these days, bands #3, 4, and 5 tune the international bands between 2 and 18 mc/s. As an extra, band #6 receives the FM broadcast band. The set even has a BFO to aid you in tuning code stations. A self-contained whip an-



tenna does the honors on all bands. Suggested list price is \$139.95. Hallicrafters will furnish additional specs on this nice unit if you send a request to them at 5th and Kostner Avenues, Chicago, Ill. 60624.

General Radiotelephone Company, 3501 West Burbank Blvd., Burbank, Calif., offers a great and useful 24 page FREE book and catalogue. Bet you didn't know that General not only makes 9 different transceivers covering all sorts of interesting bands and services, plus a piece of space-age \$1785 test gear, plus an SWR bridge, selective calling unit, a remote control head, 11 antennas, mounts, cable, microphone, a complete line of crystals for every CB rig from every manufacturer, plus about 28 miscellaneous accessories ranging from bull horn speakers to engine noise kits. Their catalogue lists all of these and then gives you a call area map, a 10 code system which they propose, Q-signals, the R-S-T signal rating system for fone and CW stations, radio abbreviations, the Morse code, and the international phonetic alphabet. It's a worthwhile book to have around any CB shack. You can get this book by writing to General by card or letter, or by sending in the coupon on the

back cover of this issue of S9 (which also gives you a crack at winning a piece of CB gear). General Radiotelephone, in case you haven't been around long, was one of the original pioneer CB manufacturers. They have advertised in S9 since our very first issue (4 years ago), took the back cover by the 5th issue and have been there ever since. Oscar and Charlie (the boys at General) have obviously found the secret of being successful in the CB business. Want to know it? Easy! Design and build a \$250 rig like the MC-8 and then sell it for less than \$200. Crazy? Maybe, but they must be doing *something* right.



A new line of transistorized converters has been brought out by Scientific Associates, P. O. Box 276, S. Glastonbury, Conn. Anyone can install the 5 transistor units in a few seconds, and without special tools. Both of the new models feature a built-in variable squelch which can be quickly connected internally. One of the units is a crystal controlled set for monitoring any one megacycle segment of popular shortwave frequencies; the other unit features a tunable front panel dial for casual listening over several bands of pre-selected frequencies. Prices range from \$24 to \$35, ask Scientific Associates to send you some literature.

S9 Lab

Reports

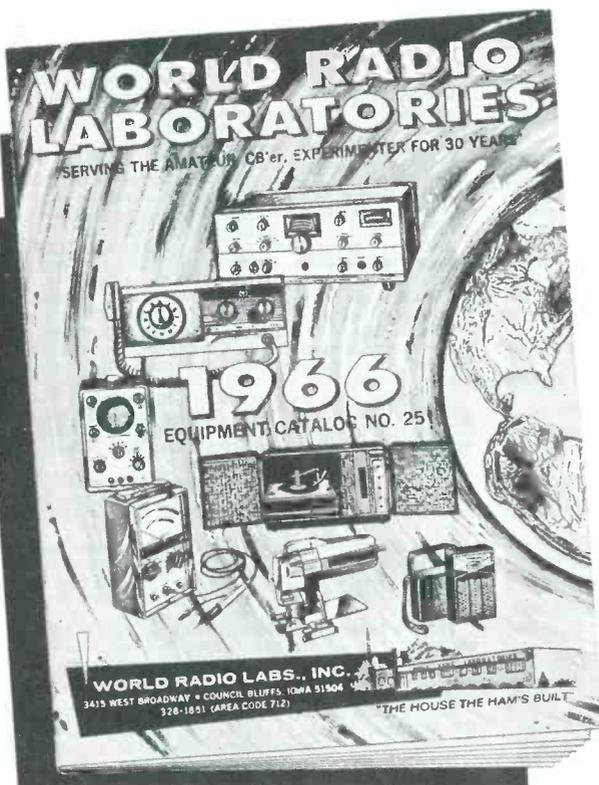
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Continued on page 72

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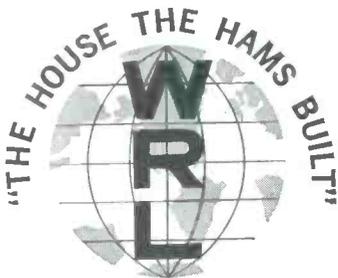
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COMING EVENT CALENDAR

A.P.R.E. BULLETIN BOARD

New appointments this month to the A.P.R.E. staff include: Cisco Galdin, P.O. Box 606, Sacramento, California.

The Tri State 11 Meter Club, Ohio Valley REACT, 6th Annual Jamboree, May 22nd, 1966, Steubenville Armory, U.S. Route 22, will be held inside Rain or Shine 9 A.M. till? Food available on the Premises. Games and Entertainment for the children. Numerous prizes to be awarded, Grand Prize at 5 P.M. Many Exhibits. QSL exchange. Several Trophies will be awarded. Monitor Channel 9. Donation \$1.00. For further information contact: Floyd Guy, 1616 State St., Steubenville, Ohio—Phone 614-282-3530. Harry Smith, 606 Ross St., Steubenville, Ohio—Phone 614-282-6473.

State of Vermont Jamboree. The Otter Valley CB Radio Club will sponsor the event June 26th, State Fairgrounds, Rutland, Vermont. Contact: P.O. Box 669, Rutland, Vermont.

3rd Annual CB Jamboree, Sunday, May 29th, Zerk Walton Park, Route 50, 4 miles east of Winchester, Va. Sponsored by the Winchester-Frederick County CB Radio Club.

4th Annual CB Jamboree. The Jacksonville Area CB Club will hold their Jamboree, June 26th at Morgan County Fairgrounds, Jacksonville, Ill. Contact: George Jones, 929 Hardin Ave., Jacksonville, Ill.

3rd Annual Picnic and Round-up of the Mahoning County CB Radio Club, July 10th at Holy Trinity Grounds, Route 616, Struthers, Ohio. Contact: Donald Peloquin, 618 West Heights Ave., Youngstown, Ohio.

3rd Annual Jamboree sponsored by the Bell City CB Radio Club, October 1st and 2nd, Rain or Shine, Lake Compounce, off Route 72, Bristol, Conn. Contact: P.O. Box 753, Bristol, Conn.

The Town and Country CB Radio Club will sponsor their Jamboree at the Fairgrounds in Hemlock, New York, July 2nd, 3rd and 4th. Contact: Patti Nickerson, Redmond Rd., Nunda, New York.

The Heart of Dixie CB Radio Club will hold their Jamboree, May 21st and 22nd at the National Guard Armory in Pell City, Ala. Contact: James Seales, 114 North 16th St., Pell City, Ala.

2nd Annual CB Round-up sponsored by the Echo CB Club, City Park, Elkins, W. Va., August 4th. Contact: Bailey Curtis, Elkins, West Va.

Annual CB Picnic, August 7th, sponsored by the Mt. Top CB Radio Club to be held at Herrington Manor, near Oakland, Maryland. Contact: W. D. Webster, Jr., Box 56, Aurora, West Va.

TRICO CB Jamboree, May 22, Organge County Fairgrounds, Middletown, New York. Free, over 100 prizes. Monitor channel 9 of 11. Contact: Tri County CB Radio Club, Inc., Box 456, Middletown, New York 10940.

Sunday, June 5th, 6th Annual Jamboree of the Citizens Radio Ass'n of Rockland. Site: Lamplighters Hall, New City, N. Y. Contact: C.R.A. Jamboree, P.O. Box 295, Nanuet, New York.

Harrison County Social CB'ers will hold their Jamboree, May 22nd at the Harrison County 4-H Center, Route 19, 2 miles south of Clarksburg, W. Va. Rain or Shine. Contact: Bert Rowland, Jr., Box 64, Industrial, West Va.

CB Jamboree June 5th sponsored by the Central Vermont CB Club at the Barre Fish and Games Club Grounds, Vermont. Monitor channel 11. Contact: Bea Irons, RFD 2, Montpelier, Vermont.

Tri-State Conference, May 1st at McCann Regional School, 1/2 mile north of Adams, Mass. on Route 8. The host club will be The Northern Berkshire Emergency Communications Club of Arams, Mass.

2nd Annual CB Carnival, June 12th, sponsored by the Manchester Radio Aid, Inc., at the Catholic War Veterans Picnic Grounds, off Goffstown Road, in Manchester, N. H. Contact:

Manchester Radio Aid, 335 Lake Ave., Manchester, N. H.

3rd Annual Jamboree of the Lancaster County Radio Club, July 3rd, Rocky Springs Park, Lancaster, Penna.

The Northeastern Michigan CB Club of Cass City will hold their 4th Annual Jamboree at Caro Fairgrounds, June 18th and 19th. Contact: Bill Garza, 2870 Mertz Road, Caro, Michigan.

1966 Round-up, Site: Fort Waynes Coliseum, September 18th sponsored by the Maumee Valley CB Radio Club. Grand prize, colored TV. Contact: P.O. Box 1031, Forty Wayne, Ind.

July 17th, the Green River Valley CB Club will hold the Jamboree at Central City Fairgrounds. Contact: Glenn Jenkins, 18QA1492, Central City, Kentucky.

Cowan CB Ass'n Jamboree and Dance. Dance September 24th, Jamboree, September 25th. Further info contact: O. W. Clawson, Box 38, Cowan, Indiana.

The Rock River Valley CB Club is sponsoring a Jamboree, May 29th from 9 to 6 at the Illinois National Guard Armory, 605 N. Main Street, Rockford, Ill. Over 200 prizes. Jamboree control channel 9. Over 8,000 attended last year.

The Cape Canaveral CB Club will sponsor their 3rd Annual Florida National CB Jamboree, August 12th, 13th and 14th. Events will consist of special cape and mild tours, water ski show, dance and chicken dinner. Many dealers. For further info contact: P.O. Box 1195, Cocoa Beach Florida.

Morgan County CB Jamboree, 3rd Annual Jamboree sponsored by the Morgan County CB Radio Club, June 19th at National Guard Armory, State Road 252, Martinsville, Indiana. Contact: P.O. Box 533, Martinsville, Indiana 46151.

3rd Annual Great Plains CB Radio Convention at the Fairgrounds in Sioux Falls, South Dakota, June 18th and 19th. The event is sponsored by the Sioux Empire Citizens Communications Ass'n. Contact: 3013 East 18th Street, Sioux Falls, S. D.

3rd Annual State of New Hampshire Rally sponsored by the Granite State CB Radio Club, June 5th at Gunstock, Belknap Recreation Area, Gilford, N. H. Contact: Box 503, Laconia, N. H.

The Bergen County Citizen Banders of Fairlawn will hold their Annual Jamboree, September 11th at Sun Dance Lodge, Route 46, just off Route 23 circle, Fairfield, New Jersey. Jamboree Chairman again this year is Lee Janow. More info coming.

The 3rd Annual Tri-State CB Jamboree will be held, Sunday, July 17th at Franklin County Coliseum, Russellville, Ala. The event is sponsored by the Franklin County Rescue Squad. Contact: Norris L. Moore, 110 Marlin Street, Russellville, Ala.

K-9 CB Radio Club of Meriden and vicinity will hold their CB Jamboree, Sunday, May 15th at P.N.A. Park, Route 5, Wallingford, Conn. Monitor channels 9 and 14. Lots of prizes.

The Clarksville, Tenn., CB Radio Club, Inc., will hold their Jamboree, Saturday, May 7th, at the Clarksville National Guard Armory. Contact: Carlton Bousman, Box 171, Clarksville, Tenn.

The Tri-Community CB Radio Ass'n will hold their Jamboree, May 29th at the Hamilton Rod and Gun Club Grounds, Sturbridge, Mass. Contact: Alfred E. Galipeau, Dresser Hill Road, Southbridge, Mass.

The Northern Berkshire Emergency Communications Club will hold their Jamboree, July 10th, Wenzels Grove, Spring Road, Adams, Mass. Jamboree control on channel 9. Rain or Shine. Contact: A.P.R.E., M. J. LaVersa, Sr., 36 Marietta Street, North Adams, Mass.

Western Mass REACT will hold their Annual Jamboree, July 24th at Armvets Hall, 754 Montgomery St., Chicopee Falls, Mass. Jamboree control, channel 9. Contact: President, Lawrence Stebbins, 220 Arcade St., Chicopee Falls, Mass.

The KYOVA CB Club will hold their Annual CB Jamboree, June 4th and June 5th at Camden Park, Route 60, west of Huntington, West Va.

Twin Rivers CB 3rd Annual All State Jamboree at Addison

Jamboree Grounds, August 13th and 14th with the usual western programming. Camping Facilities available. Contact: Twin Rivers CB Club, P.O. Box 184, Addison, New York.

1st Annual CB Jamboree sponsored by the Tri State CB Club, Inc. of Hagerstown, Md., June 19th Leitersburg Grange Hall, 6 miles northeast of Hagerstown on Route 60. Monitor channel 11. Contact: Tri State CB Club, 1107 Corbett Street, Hagerstown, Md.

1966 Jamboree. A tentative date has been set for the 2nd Annual Jamboree of the Western New York Pioneer CB Ass'n, June 12th, Grand Old Opera in Nashville, Tenn. More info forthcoming.

Coffee Break, sponsored by the Groundhog CB Radio Club, July 30th and 31st, at Groundhog CE Park, Punxsutawney, Penna.

Annual picnic of the Hambutchers Net, June 19th at City Park, Warsaw, Missouri. Contact: Paul E. Kittleman, 2548 N. Main, Springfield, Mo.

The Central New Hampshire 1st Annual CB Jamboree will be held August 28th, State National Guard Armory, Route 202, East Concord, N. H. Monitor channels 9 and 11. Contact: James Hall, 41 McKee Drive, Concord, N. H.

Buxmont-Keystone 3rd Annual CB Jamboree, Sunday, May 15th, Rain or Shine, West Point Park, West Point, Penna. Contact: Buxmont-Keystone CB Jamboree, P.O. Box 13, Hatfield, Penna.

The 2nd Annual Jamboree of the Yankee Watters CB Club will be held June 19th at Caledonia County Fairgrounds, Lyndonville, Vermont. Contact: Robert E. Smith, KKA5602, Barton, Vermont. Rain or Shine.

3rd Annual CB Jamboree, Sunday, May 29th at Izzak Walton Park, Route 50, 4 miles east of Winchester, Va. Sponsor: Winchester-Frederick County CB Radio Club, Inc., 378 Shenandoah Ave., Winchester, Va.

The Tri-County CB Club of Tryon, N. C., is sponsoring their 2nd Annual Jamboree, May 21st and 22nd, Thermal Belt of North Carolina. Site: Harmon Field Road, at the intersections of Routes 176 and 108, Tryon, N. C. Contact: CB Club, Route 1, Tryon, N. C. Control channel 11.

Montana Central Radio Club sponsoring the 2nd Annual Montana CB Jamboree in Great Falls, May 28th, 29th and 30th. Contact: Montana Central Radio Club, P.O. Box 323, Great Falls, Montana.



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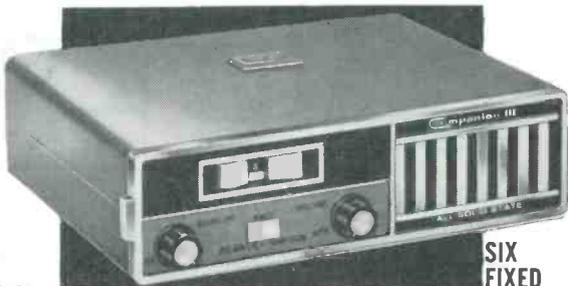
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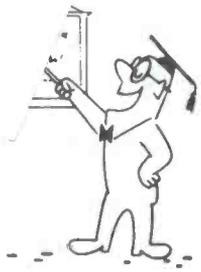
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POWER SUPPLY PROBLEMS

I built the Powmate (project no. 4) in the January 1965 issue; I had intended it to power an HB-500 transceiver. I had no major difficulty competing the project, but the regulation is insufficient for proper operation of the radio. Can you give me a modification which will give me 0-15 volts at 2 amps with only 2 volt drop under maximum load? I would like to use approximately the same parts, but I realize that regulation can get expensive. P.S.—Is the right polarity being fed to the transistor on this project?

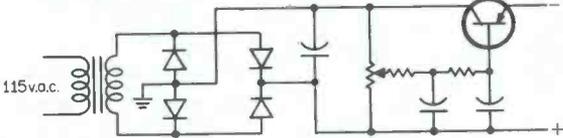
R.H.H. Jr., Charlottesville, Va.

I have a problem with a power supply I was wondering if you could help me with. I have a Gonet 3002 S.W. converter for my car,

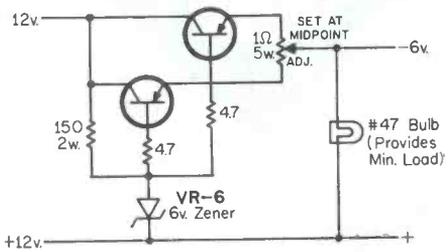
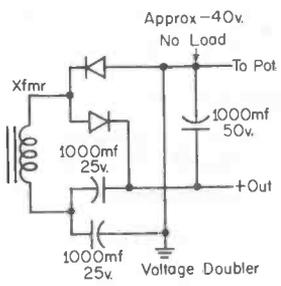
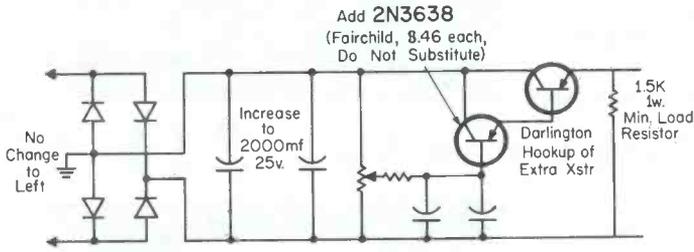
which requires 6V for the filaments and from 80 to 180 volts B+ (no current requirements are listed). The problem is that my 1965 Mustang has a transistorized radio and a 12-volt system. I like the converter and still want to use it. Can you suggest a schematic for a power supply to let me do so?

—T.R.S., Stockton, N. J.

These two questions are so similar in their requirements that I'm grouping them for a single answer. Before going into it, congratulations, Bob, on a sharp eye. The diodes in the Powmate schematic in the January issue are all in backwards, so the polarity is incorrect as shown. Reverse all diodes and you're in good shape. One way to get better regulation is to increase the current gain of the regulating transistor by adding another transistor in "Dar-



Original Powmate Schematic (Corrected)
 All Resistors 1000mf 25v.
 Fixed Resistors 100Ω
 Xfmr 12v. 2½A



Transistors—2N441 or 2N278
 Note That Output Is Above Ground on Both Sides, If Equivalent NPN Transistors Can Be Found in Surplus, Use Them. Then Reverse The Zener, and All Polarities. Output Will Be +6v. to Ground.

lington" hookup, as shown around here someplace. However there's a chance that what's killing you is drop of the main DC voltage level under load. One way to beat this is to increase the size of the leftmost capacitor to 2000 or 5000 mfd (parallel in extra capacitors if you have them around). Another way is to change the diode bridge to a full-wave doubler circuit, as well as adding more capacitance to store the extra energy. Schematic I shows all these changes with each labeled. You might find it worthwhile to connect a 12-volt Zener diode such as a Sarkes-Tarzian VR-12 from the transistor base to the positive buss, removing the two capacitors and the pot. Leave the 100-ohm resistors in, both in series from the diode to the negative side of the bridge output, and use the two removed capacitors to increase the capacitance in the bridge filter as already mentioned. This would remove the adjustable feature but would make it a solid 12 volts out under almost any conditions so long as the rectifiers themselves aren't dragged down below 12V. Now to the converter situation. You can get the 80-180 volts with almost any kind of transistor supply hookup; the ones I have had in these pages several times in the past few months will do nicely if you just hang a rectifier on their AC output to give you about 150 volts DC. It might be cheaper and would work almost as well to use a 90-volt B battery for this; the battery should last for 6 months or so, at least, which would mean that for the price of the supply you could probably use batteries for at least two years. For the 6 volts, use a modification of the Powrmate circuit to cut the 12 from the battery back down. You might even be able to drive a 6-volt vibrator supply from this. A schematic appears as Schematic II. Use normal precautions in mounting the transistors. The only reason for using two transistors is to allow for plenty of current drain. If you anticipate less than 3 amps of current drain, you can eliminate the second transistor and all balancing resistors from the circuit, leaving only one transistor, one resistor, and the Zener diode.

PUZZLING MULTI-TESTER

I bought a multi-tester identified as Model TS-30, 4000 ohms/volt. I don't understand how to make it work on AC/V and DCA. Can you help me?

—D.R.P., Washington, Pa.

The AC/V scale is your AC volts setting; when you plug one test lead into these jacks and the other lead into the one marked with a squiggly line like an "S" lying on its back you should read AC volts just the same way as DC volts read on the other scales. If not, you may have a bad rectifier in the tester; take it back and ask for a checkout in this case. The DCA scale is DC amperes; for this one you plug one lead into the +10A jack and the other into the (separate) -10A jack and break one wire in the circuit you're measuring. Then connect the meter in series with the broken connection, with the +

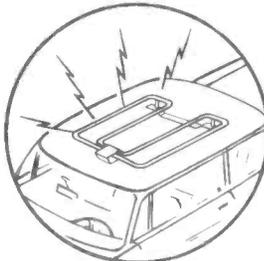
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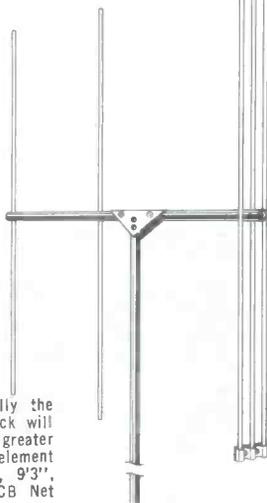
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lead going to the positive end of the circuit and the — lead going to the other side of the wire. If the needle tries to swing backward, reverse the test lead connections. These testers aren't too horribly accurate, but they're easily worth their price. I carry a similar one around in my tool-kit all the time, and use it much of the time in preference to the more accurate but much more bulky lab-type voltmeters.

enough to provide any kind of decent "ground" for the antenna to operate against. However, this isn't too likely to kill your operation completely (though it will quite probably trim your range back considerably). If none of these suggestions work, then I'm at a loss too, and will have to turn it out for some of the other scooter-mobile readers to diagnose.

MOBILE MIXUP

I own a motor scooter and an RCA Mark VIII. I have both the set and the power supply mounted on the front panel below the handlebars, with the wiring hooked to the 12-volt battery on the body. I can hear a hum in it, but that's as far as it goes. I had a complete overhaul on the set; it worked perfectly in the car, but not at all on the scooter. Can you possibly suggest what is wrong and what I can do to fix it?

—B.B., Sadorus, Illinois

I'm not right real familiar with motor scooters and their anatomy, but the thought strikes me that possibly the battery doesn't have enough juice to run a CB rig. They take quite a few amps, and if the battery is just a small one this is probably your trouble. Another possibility would be poor connections from battery to rig. I'm sure you've checked out the hot wire, but how about the ground return path? They both have to be good for the rig to work. Finally, the scooter just may not be big

POWER REDUCER

Could you help me by printing a diagram that shows how to build a device to reduce a 5-watt output to a 100-milliwatt output? It could be some kind of coil that had a female and male connector that would go between the coax and set. Thank you.

—P.S., Jamestown, N. Y.

There are several ways to do this—but I'd better point out at the beginning that none of them will make it legal to use the rig as an unlicensed Part 15 unit, because a rig for Part 15 use must not be capable of putting over 100 milliwatts into the final stage, and any modified 5-watt would be capable of going over 100 mw by removing the modifications. The simplest way, electrically, would be to open the lead to the screen grid of the RF output tube and insert a large-value resistor in series with the screen. A good starting point would be to use a 100,000-ohm, 2-watt resistor. Have it checked by a licensed technician after making the change; else you'll be operating illegally since this is a change that affects output power and (indirectly) modulation level. For the

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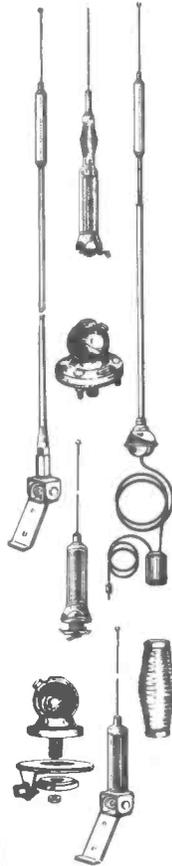
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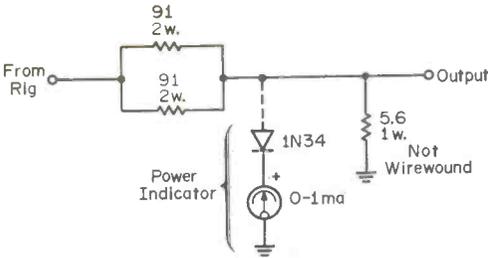
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outboard approach, you can put two 91-ohm 2-watt composition resistors and a 5.6-ohm 1-watt composition resistor in a small box as shown in the accompanying schematic; this will cut down your output power to 1/100 of its original level, which will compare favorably to that of 100-mw rigs, and will not require a checkout of the rig itself since the device is outboard. Incidentally, this gadget makes a fine dummy antenna if you simply connect a diode and a milliammeter to it as shown by the dotted lines. The more output power you have, the higher the meter will swing. This lets you check out things like modulation level, etc., without cluttering up a channel.

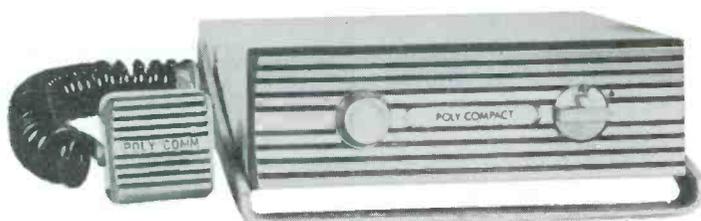
CHOOSING A REPLACEMENT MIKE

I have been searching for information on how to pick a replacement mike for my rig to no avail. I have the original PTT mike (a ceramic) and it's a bit shot. Can you throw some light this way as to what specifications I can use to choose a good base-station (stand type) mike? Also, does the type of rig dictate the type of mike I have to buy, or is the microphone a constant that can be interchanged between any rigs, so long as the cables have the same number of wires? Thanks for your help.
—D.N.B., Brooklyn, N. Y.

Second question first this time. In general, a mike is pretty much a constant that can be interchanged at will so long as you keep a few restrictions in mind. If the original was a carbon mike, it should be replaced with a carbon. However, any high-Z mike can be used to replace any other so long as the output levels are within 6 db or so of each other and the rated load impedances are met. Most rigs use either crystal, ceramic, or dynamic mikes. Of these, crystals usually have the highest output voltage but are also the most fragile. Ceramics are a compromise both ways (and as such, are my personal preference). Dynamics are exceptionally rugged but unless the rig originally had a dynamic you may need an audio preamp with one. Of course the wires in the cable must be able to be matched up with the original mike wiring. The other factors to keep an eye on are the pickup pattern, the cable length you intend to run from mike to rig, and the absolute sensitivity (usually rated in -db). Many mikes have an "omnidirectional" pickup pattern. This picks up all the room echo, but they're the least expensive. Better for general use are the "cardioid"-pattern mikes, which

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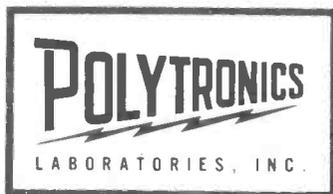
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pick up from one side only. They go a long way to reduce background noise, but cost a little more. You have to balance advantages against price. If you're going to have more than about 5 feet of cable from mike to rig, use a dynamic and add a preamp if necessary; if you try to run a long cable with either crystal or ceramic mikes you'll lose highs and people won't find it easy to decide whether you said "G" or "C." In the field of sensitivity, the thing that mixes most of us up from time to time is that the most sensitive mikes have the lowest numbers. That is, a -43 db output is twice as much voltage as a -49 db output would be. The 143 db figure indicates an output level 43 db below 1 volt, or about 7 millivolts, for a specified standard input loudness of sound, while the -49 db figure says output is 49 db below, 1 volt, or about 3.5 millivolts, for the same input sound. The standard level is considerably less loud than normal speech, so all the figures come out to be very low in millivolts; average rating for a crystal mike is about -52 db which is 2.5 millivolts, yet with normal close talking these mikes put out about 100 millivolts of signal on peaks. This may give you some idea of what the specs mean; use them primarily for comparison.

HOW ABOUT HORIZONTAL?

I need a small bit of advice: how or where may I get information for horizontal-polarized antennas for mobile CB? At present I can find nothing on this subject. Can you help?

-W.C.J., Greenville, Miss.

Drop a note to the folks up at Cushcraft, 621 Hayward Street, Manchester, N. H., and tell Bob Cushman I sent you to ask about his Squalo (pronounced squay-low) model CSQ-11 antenna. It's a 50-inch-square horizontal device which doesn't stick out very far over the sides of a standard-size auto, and only needs to be mounted a few inches above the roof. Sells for \$19.50 and quite a few Cushcraft dealers have them (any dealer can get one for you if you decide from the data Bob will send you that you want one). This is the only horizontal-polarized CB mobile antenna I know of. Incidentally, it can also be used at the base station for all-direction coverage, and you can stack a pair of them and still be legal, to get 3 db of gain. Not a paid-off plug, either!

HOW DO YOU CHANGE ADDRESS LEGALLY?

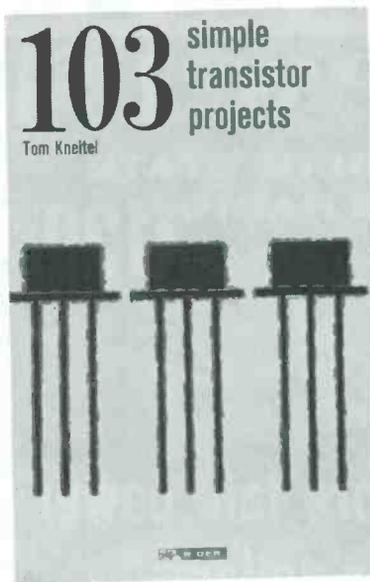
What is the proper procedure to follow when changing the permanent mailing address of a CB station? I have checked the Part 95 rules, and to me the procedure is pretty fuzzy on this. I am planning on moving to Birmingham, which is in an adjoining county from where I now live.

-J.C.L., Sterrett, Alabama

Bad news. There isn't any procedure as such for changing the address on a CB license. The proper procedure is to simply apply for a new license at the new address (being sure to enclose another \$8!). The notification procedures spelled out in the new Part 95 are to keep you

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legal in the meantime while your new application is being processed, and you can only use the old license for a limited time after the move. I agree that it seems horribly unfair to be charged again, but in most of the other services the fee for changing address is almost as much as the license fee in the first place, so the only real difference is that you'll get a new call after you move. Matter of fact, I've never had a CB license expire on me yet—and I've been licensed in the service since 1959. I've always had to get new ones upon change of address long before the old one ran out!

SLOW RECOVERING RIG

I recently purchased a — transceiver and I believe there is something wrong with the receive side of this set. When transmitting everything is okay but when the mike button is released there is a definite off period on the receive section for approximately 3 seconds. I know you should hear sound as soon as the button is released. I would appreciate any help or information you could provide.

—E.G., Elizabeth, N. J.

If I recall correctly (no schematic in the file) your rig uses electronic switching. It's quite possible that your trouble, in this case, is a capacitor that's too good! In electronic-switched rigs, the full transmitter output power is applied to the grid of the receiver input stage. There, it develops a control voltage which turns the transceiver off for as long as the transmitter is on. When the control voltage disappears, the receiver comes back on. Normally, the control voltage leaks away within a small fraction of a second after you stop transmitting. However, if the capacitors on the AVC line are too good (not low enough leakage resistance) or if the AVC source resistor should happen to be open circuited, it could easily take 3 to 10 seconds for the control voltage to die down. This would create the symptom you describe. If the rig is relay switched, there's a chance that the relay isn't keeping RF out of the receiver input, and the same thing may be happening as a result. To test for this, hook a VTVM to the receiver AVC line (if you can't find it or don't have the instrument, show this to the technician who is working on the rig), and check for a high negative voltage while transmitting, which remains high after the mike button is released. Incidentally, an improperly adjusted squelch control can cause a similar symptom; might check this out first!

And again we're at the end of the line with a goodly stack left over for next time. Don't let this keep you from sending your own questions in, though. They'll all find answers sooner or later. Remember the address is Kyle's Kormer, S9 Magazine, 14 Vanderverter Avenue, Port Washington, L. I., N. Y. 11050. See you next month!

S9



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ODDS 'N ENDS

by **HERB FRIEDMAN, KBI9457/W2ZLF**

I've been sitting here scratching my bald spot about a truly unbelievable situation with the telephone company.

Don't know whether or not you are aware of the fact that AT&T has some of the most amazing electronic wizards in their employ. These guys can take nothing more than the most far-out, sketchy, idea from a 19th vice president and work it into a piece of functioning communications gear at the snap of a finger.

It was with quite a bit of interest, therefore, when I read about the FBI breaking up the Philadelphia communications center of a multi-million dollar gambling ring.

According to newspaper accounts, it seems that the underworld, Cosa Nostra, Mafia (or whatever they are calling themselves now) and a bunch of local bookmakers have discovered a way to make *free* long distance telephone calls; not only free, but the phone company can't even trace the calls.

The losses to the operating telephone companies run into the millions and millions of dollars. (A while back I was working on a story about the gambling network and a representative of a government agency informed me that a small bookie operation they broke up in New York City cost the local telephone company at least a million a year in free long-distance calls.)

What struck me so funny about the Philadelphia affair was that the Bell system had set up the entire swindle themselves, when they invented and installed Direct Distance Dialing (DDD).

Before DDD, one had to go through an operator to make a long distance call, and while someone could *finagle* one or two free calls, it was penny-ante stuff. DDD, on the other hand, is automatic and instead of the control being by the operator and electric dial pulses, the circuits are controlled by two-tone signals — each number being represented by two frequencies. But the best part is that a *control tone* is used to open up the circuits, *and this same control tone*

is applied by the user will shift the automatic billing from the user's phone to some other number. In short, a crook can make it appear as if his call originated at some other telephone. He could even make it appear as if he only called an *information operator*. For example, a bookie in New York could lay off his bets by telephone with the syndicate in California while his bill shows a free call to Chicago information.

The oddest part of this story is that *none* of the tone frequencies were secret. About a year back, someone on the west coast — through a national electronics magazine — sold a complete set of construction plans for building such a device for less than \$5. Best of all it was reliably claimed (though I didn't witness it) that this benefactor of mankind had demonstrated the device on a Network TV show (late evening).

According to AT&T's reps they had cracked down on our west coast friend and put him out of the "telephone business." Yep, they really cracked down. Following their "crackdown" the chap on the coast sent out what must of been thousands of letters (most every ham I know received one) detailing the telephone company's efforts and offering the plans at an even higher price. (The plans are protected by a copyright so we can't reproduce them.)

Anyway, it certainly seems that something is wrong somewhere in the system. Is it that the cost of redesigning and reinstalling equipment which can't be "beat" is more than the amount chiseled? Why wasn't the equipment properly designed in the first place? One of the people who beat the code was a teenager; how did he outsmart the phone company's crew of advanced engineers and technicians? How did the tone frequencies for the DDD system "leak" to the underworld and to teenage inventors?

There are many unanswered questions here. Bet the answers are fascinating; but we'll never learn them.



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The satisfaction you get from your radio is what really counts. And, this new all-transistor by Demco Electronics will do more than just satisfy. Look at the performance specifications. These are guaranteed minimums, not maximums! We're not foolin'—This petite *Chalet* is a powerful package of energy. Send coupon or see your Demco Electronics dealer for a convincing demonstration.

GUARANTEED SPECIFICATIONS

CHANNELS: 6, crystal controlled—TRANSISTORS: 14, 5 diode—SIGNAL/NOISE RATIO: 10db @ 0.5uv—SERIES GATED NOISE LIMITER: fully quieted at 20uv—AUDIO OUTPUT: 4 watts, with power limiter for maximum modulation—RF OUTPUT: 3 watts, minimum—SPEAKER: 4" with remote jack—POWER DRAIN: 1.2 amps at peak modulation, 0.31 amps for receive—POWER SUPPLY: 12 volts D.C., + or - ground (110 volts A.C. with Demco Base Unit or 6 volts D.C. with Demco Converter)—SIZE: 5-1/4" x 2" x 7-1/2".

SEND FOR LITERATURE AND DEALER NAME, TODAY!

DEMCO ELECTRONICS—Bristol, Indiana

Please send name of my dealer and information about your *Chalet* radios.

name _____

address _____

city & state _____

\$124⁵⁰

with pair of Channel 9 crystals, microphone, mounting bracket, DC power cord, instructions and warranty.



A BASE STATION, TOO!

Set the *Chalet* mobile unit on the Demco Base Unit and convert it to 110 A.C. operation. This base unit has extra built-in speaker, and simply plugs into *Chalet* mobile radio.

MODEL DMT 110—Base unit only.....\$34.50

DEMCO D.C. CONVERTER adapts *Chalet* mobile radio to use with any 6-volt D.C. system. Perfect for VW's and other foreign cars, older Jeeps, boats, etc.

MODEL DMT 612.....\$44.50



BEST BETS FOR LISTENERS ON THE DX BANDS

by RICK SLATTERY

Hi fellows, really a great response this month and some swell DX loggings. Even a report from a reader in Europe!

Our European correspondent is Martin A. Hall, 30 Montagu Crescent, Oakwood, Leeds 8, Yorkshire, England (imagine having to tell that to a taxi driver). Martin is an avid reader of S9 and a QSL swapper too (his monitoring call is TN/DX-068/G) and reports hearing the following: VKH60, Doonside, Australia, using 10236 kc/s at 0726 EST; a station in Guadeloupe on about 16500 kc/s at 0557 EST; TUP63 (where?) at 1025 EST on 16386 kc/s; ZNX90, Barbados, at 0755 EST on 19055 kc/s; a station in Tananarive, Malagsay, at 1724 EST on 12250 kc/s; 5AA76, Tripoli, Lybia, at 0948 EST on 16205 kc/s; XTA49, Abidjan, Ivory Coast, 1120 EST on 14921 kc/s; OYK27, Thorshavn, Denmark, at 0402 EST on 7710 kc/s. These were all on SSB or CW. Nice haul, some rare countries to try to snag for yourself. Let's hear from you again, Martin.



Picture from Dick Wolfe, KLK7737, of Rockford, Ill. Dick uses a Hammarlund HQ-100 with a 75 foot longwire antenna. Dick tries his hand on both shortwave and broadcast bands, and some of his BCB catches include KFAB/1110, KAAV/1909, WCCO/830.

Jim Litzinger, Johnstown, Pa., says that he's had excellent results with his Hallicrafters S-120 receiver backed up with a Holstrom SK-20 pre-selector. Some of his loggings are: VLX9, Perth, Australia, on 9610 kc/s at 0800 EST; Voice of Nigeria at 1600 EST on 15255 kc/s; Radio



Japan at 1900 EST on 15135 kc/s; Radio Switzerland at 2015 EST on 6120 kc/s; Windward Islands Broadcasting Service, Grenada, at 1700 EST on 15130 kc/s. By the way, Jim passes along word that he got some great monitoring log sheets from Gilfer Associates, Box 239-S, Park Ridge, N. J. Thanks Jim, and we add our own 2¢ worth about Gilfer by reminding our readers that that's the place to get your 1966 issue of the World Radio-TV Handbook, listing every radio broadcast (AM/SW/FM/TV) in the world. A card or letter to Gilfer brings details, plus a whole catalogue of supplies for listeners. Tell Gilfer that S9 sent you and get rush personal service.

Ted White, New Miami, Ohio, tuned up his Hallicrafters SX-140 and pulled in the following: Radio Saigon, 7290 kc/s at 0830 EST; Radio Paris, 7240 kc/s at 0900 EST; and on the broadcast band, CMHW in Santa Clara, Cuba, on 810 kc/s at 2045 EST.

Nice words from Bloomsburg, Pa., by way of Eugene Radice, KNP5112. Gene reports hearing Radio Canada in the 6 mc/s band at 0730. Also heard were Radio Moscow, Voice of the Andes, BBC, and many others. Receiver is a Zenith.

B. J. Dodge, KKB0236, Waterbury, Conn., heard rarie Ascension Island with SSB at 0900 EST near 20500 kc/s. Other sidebanders heard at B.J.'s place on the ol' Hallicrafters S-41G include Lima, Peru, near 14850 kc/s at 0930 EST; Stockholm, Sweden on 15285 kc/s at 1335

Continued on page 71

CARD SWAPPERS UNLIMITED

It's doing-S9-a-favor time again, gang. We still haven't been able to convince B & K Manufacturing that S9 is the greatest thing since chopped liver. Looks like you, our readers, as usual, are going to have to lend us a helping hand. How about sending a QSL card to Mr. Carl Korn, President, B & K Manufacturing Co., 1801 West Belle Plaine Ave., Chicago, Ill. 60613. If he gets swamped under with cards maybe he'll become an S9'er. A kind word about S9 on the QSL wouldn't do us any harm.

Swappers Awards are given to those readers who have sufficiently proven that they have reached certain specified levels of achievement in QSL card swapping. There are 19 different and distinctive Swappers Awards, and if you would like a complete set of rules, address your request together with a stamped, self-addressed envelope, to: Swappers Awards, S9 Magazine, 14 Vanderverter Ave., Port Washington, N. Y. 11050. Here are the winners of the black, red and gold certificates for the past month.

		268	S. Scherer, KLK3190, Fowler, Indiana
		269	H. Kuhn, KNJ6045, Alton, Ill.
PX-150	215		N. Powell, KMD0346, E. Orange, N.J.
PX-175	185		B. Giles, KK10688, College Pk., Md.
PX-200	161		E. Ross, KCG3689, APO San Francisco
	162		B. Giles, KK10688, College Pk., Md.
PX-225	135		E. Fell, KNA2893, FPO San Francisco
PX-250	189		W. Spencer, Jr., KKK2874, Whittier, Cal.
	190		J. Lott, Jr., KCG3575, White Post, Va.
	191		E. Fell, KNA2893, FPO San Francisco
PX-275	115		B. Buffington, KID8628, Craryville, N.Y.
PX-350	107		C. Marx, KLF1859, St. Paul Pk., Minn.
PX-450	103		V. Gould, KLP7641, Binghamton, N.Y.
PX-475	102		V. Gould, KLP7641, Binghamton, N.Y.
PX-700	102		B. Ross, KCG1087, Washington, D.C.
MSA	217		W. Spencer, Jr., KKK2874, Whittier, Cal.
	218		J. Lott, Jr., KCG3575, White Post, Va.
	219		H. Maturen, KNM2171, Saginaw, Mich.
	220		I. Norman, KKA7064, Pawtucket, R.I.
	221		H. Khun, KNJ6045, Alton, Ill.
SSC-1	232		R. Buell, KLN6051, Dayton, Ohio
	233		H. Beesley, KNJ4674, Chicago, Ill.
SSC-2	172		H. Maturen, KNM2171, Saginaw, Mich.
	173		Ray Buell, KLN6051, Dayton, Ohio
	174		H. Beesley, KNJ4674, Chicago, Ill.
	175		G. Sherman, KBC4768, Rutland, Vt.
SSC-3	142		W. Spencer Jr., KKK2874, Whittier, Cal.
	143		C. Marx, KLF1859, St. Paul Pk., Minn.
SSC-6	113		B. Howell, Jr., KDB0371, Aiken, S.C.
SSC-7	114		G. Wiles, KKB4015, Williamstown, Mass.
SSC-8	113		G. Wiles, KKB4015, Williamstown, Mass.
SSC-26	101		B. Ross, KCG1087, Washington, D.C.
SSC-27	101		B. Ross, KCG1087, Washington, D.C.
SSC-28	101		B. Ross, KCG1087, Washington, D.C.
			If you would like to be listed as a QSL card swapper in our monthly listing, you must do the following: send us a separate card for each month you would like to be listed (you may send several month's worth of cards at the same time), and enclose 10¢ in cash (no stamps, checks, or money orders) for each month you are to be listed. Try not to write on your cards and don't Scotch Tape your dime to the card. Address the material to: Card Swappers Unlimited, 14 Vanderverter Avenue, Port Washington, N. Y. 11050. Deadline for listing in the
SACA	295		T. Henry, WPE1GCC, Keene, N.H.
	296		W. Spencer, Jr., KKK2874, Whittier, Cal.
	297		J. Lott, Jr., KCG3575, White Post, Va.
	298		R. Gore, St. Louis, Mo.
	299		H. Beesley, KNJ4674, Chicago, Ill.
	300		H. Kuhn, KNJ6045, Alton, Ill.
PX-25	584		Mr. Nelson, KMT3132, Corpus Christi, Tex.
	585		J. Pieniadz, KLP9220, Dover AFB, Dela.
	586		L. Downey, KLN9916, New Miami, Ohio
	587		C. Ulrich, KND0055, Malta, Montana
	588		L. Fritzes, KKA8428, No. Haven, Conn.
	589		P. Guyette, KMB0078, Easthampton, Mass.
	590		J. Strunk, KMG3806, Univ. Pk., Pa.
	591		J. Mainguy, XM552222, Quebec, P.Q., Can.
	592		R. Kiplinger, KMD0297, Charlotte, Mich.
	593		H. Beesley, KNJ4674, Chicago, Ill.
PX-50	504		J. Pieniadz, KLP9220, Dover AFB, Dela.
	505		C. Ulrich, KND0055, Malta, Montana
	506		L. Fritzes, KKA8428, No. Haven, Conn.
	507		M. McIver, KNN6115, Springfield, Ohio
	508		J. Mainguy, XM552222, Quebec, P.Q., Can.
	509		R. Kiplinger, KMD0297, Charlotte, Mich.
	510		H. Kuhn, KNJ6045, Alton, Ill.
PX-75	396		J. Pieniadz, KLP9220, Dover AFB, Dela.
	397		J. Kelly, KLK3570, Franklin, Indiana
	398		J. Brutlag, KNE1971, Sheridan, Wyo.
	399		J. Mainguy, XM552222, Quebec, P.Q., Can.
	400		R. Kiplinger, KMD0297, Charlotte, Mich.
	401		H. Kuhn, KNJ6045, Alton, Ill.
PX-100	359		J. Pieniadz, KLP9220, Dover AFB, Dela.
	360		J. Mainguy, XM552222, Quebec, P.Q., Dela.
	361		D. Sigo, KNK0460, Goodland, Indiana
	362		J. Murray, KMD0363, Bethpage, L.I., N.Y.
	363		H. Kuhn, KNJ6045, Alton, Ill.
PX-125	266		L. Fried, KMD0404, Bellmore, L.I., N.Y.
	267		E. Barber, KKR3294, Ft. Smith, Ark.

July issue is May 12th. Any cards received after this date will be listed in the following issue.

Here are this month's swappers:

- 1W6216 Errol Engraving, 36 Hampden St., Westfield, Mass.
2Q0152 Karl Weiss, 245 Ashmore Ave., Trenton, N.J.
2Q1147 George Delaney, 308-47th St., Union City, N.J.
2Q5468 Walt Alexander, 1233 Woodruff Ave., Hillside, N.J.
2Q6980 Red Morgan, 144 Wilson Ave., Kearny, N.J.
4B5372 Jim Cross, 755 South Potomac St., Hagerstown, Md.
5Q2178 Elwyn Beam, Vale, North Carolina
6Q0054 Glenn Poore, P.O. Box 6101, Chattanooga, Tenn.
6Q0946 Dave Jones, P.O. Box 1335, Maryville, Tenn.
9Q0472 Ben Bailey, 4201 Nagle, Bryan, Texas
11Q1313 George Strainline, 1171 W. Miracle Mile, Tucson, Ariz.
11W9751 George Strainline, 1171 W. Miracle Mile, Tucson, Ariz.
17Q3785 George Lewis, Route 2, Salina, Kans.
18B2648 Glenn Davis, 6143 N. Rockwell St., Chicago, Ill.
18Q4913 Tom Leadbetter, R.R. 4 - Box 40, Muncie, Ind.
19A8145 Gene Hecht, 26 Sheridan, Pontiac, Mich.
19Q7741 Willard Shingleton, 1900 Belle St., Parkersburg, W. Va.
19Q8152 John Kasten, 5916 Westbrook Dr., Brookpark, Ohio
19Q9470 Adrian Fallert, 121 N. "C" St., Hamilton, Ohio
19QA0442 Art DeFran, 226-3rd St., Harbor Beach, Mich.
20Q1360 Ivan Smith, 419 Water St., Danville, Pa.
KAA4564 Geo. Thayer, 4303 Irquois Dr., Salamanca, N.Y.
KAJ0765 J.L. Kirkland, Route 7, Raleigh, N.C.
KBA5557 Ted Cummings, Bellflower Rd., Billerica, Mass.
KBA8387 John Hornyak, 1192 Norman St., Bridgeport, Conn.
KBA8595 Lee Aspinall, 20 Forest Ave., North Haven, Conn.
KBA8941 Maurice Collamore, Round Pond, Maine
KBA9919 Frank Trask, R.F.D. 2, Laconia, Gilford, N.H.
KBB0471 Fran Smithwick, Mountain Rd. Box 62, Rt. 1, Ellington, Conn.
KBC0264 Everett Decker, Box 411, Westfield, Mass.
KBC0503 Dan Thompson, 47 Pausg St., Lakeport, N.H.
KBC4459 George Sylvia, 21 Page St., New Bedford, Mass.
KBC6229 Paul Conant, 139 North Main St., Florence, Mass.
KBC6510 Ralph Bryant, 716 Riverside Dr., Fairfield, Conn.
KBC7679 Robert Hughenun, U. of Pitts. Dorm., Titusville, Conn.
KBC8093 Dennis Cidale, 17 Water St., Stonington, Conn.
KBC9285 John Christofaro, 7 New Lane Rd., New Canaan, Conn.
KBD0747 Herb Girard, 348 Carrington Ave., Woonsocket, R.I.
KBD1849 Paul Sanders, 5 Victor Rd., Framingham, Mass.
KBD1905 Michael Ammirata, 33 Washington Ave., Danbury, Conn.
KBD3846 Pat Racine, 82 Furnace St., Danielson, Conn.
KBG4952 Al Aronowitz, Box 129, Franklin, Mass.
KBC6576 Charles Arnwine, 725 So. Broad St., Trenton, N.J.
KBG7387 Gerry Schechter, 3535 Kings College Pl., Bronx, N.Y.
KBG7687 Robert Thatcher, R.R. 1 - Box 59-B2, Hudson, N.Y.
KBG8079 Alvin Allen, 610 Prospect Ave., Spring Lake Hts., N.J.
KBI0854 George Raybin, 1367 Sheridan Ave., Bronx, N.Y.
KBI1282 Alan Klein, 2755 Audrey Terr., Union, N.J.
KBI2251 Mona French, 19 Essex Lane, Old Bridge, N.J.
KBI4141 Danny Seifert, 163 So. Main St., Phillipsburg, N.J.
KBI6025 Max Latterman, Box 608, R.D.#1, Princeton, N.J.
KBI6373 Charles Bennett, 89 Valley Rd., Haworth, N.J.
KBI6480 Art Scheid, 2 Essex Place, Hartsdale, N.Y.
KBI8077 John Krejc, 60 Division Ave., Garfield, N.J.
KBI8510 Robert Gannon, 322 First St., Newburgh, N.Y.
KBI9265 John Sullivan, 20 - 47 32 St., Astoria, L.I., N.Y.
KBJ0731 Thomas Colligan, c/o St. Gregory's, Shawnee, Okla.
KBJ0753 Richie DuBois, Box 135, R.D.#2, Wallkill, N.Y.
KCC2969 Robert Stouch, Box 120, R.D. 1, E. Stroudsburg, Pa.
KCD1896 Howard Taylor, South DuPont Rd., Penns Grove, N.J.
KCD4212 Rick Firmani, 110 Olga Rd., Elmsere, Wilms, Del.
KCD5165 John Shronk, Box M, Mont Clare, Pa.
KCD6109 Lois Lowell, R.D. 2, Sellersville, Pa.
KCD6125 Neil O'Connell, 22 Cassatt Ave., Berwyn, Pa.
KCF0011 Ed Kacicek, 134 Polk Dr., Manassas Park, Va.
KCF1616 Frank Albanese, Berkeley Springs, W. Va.
KCF2446 Robert Crigger, 411 S. Mount St., Baltimore, Md.
KCG0346 Bailey Curtis, 1028 Harrison Ave., Elkins, W. Va.
KCG0706 Eddie Becker, 5606 Franconia Rd., Alexandria, Va.
KCG1087 Barney Ross, 425 Garden St., Washington, D.C.
KCG2216 Doris Cross, 755 South Potomac St., Hagerstown, Md.
KCG2891 Edith Becker, 5606 Franconia Rd., Alexandria, Va.
KCG3686 Ricky Lowman, 1001 W. Addition St., Martinsburg, W. Va.
KCG3236 Bob Gallery, 5013 Westport Rd., Chevy Chase, Md.
KCG3575 Jim Lott, White Post, Va.
KCC3642 Elwood Luttrell, Route 2, Box 218 A, Winchester, Va.
KCC3689 Ed. Ross, 1967th COMM, SQDN. APO San Francisco, Cal.
KCC4106 Dave Royer, Route 1, Box 133, Finksburg, Md.
KCI2842 Clarence Moore, Route 4, Box 34, Thomasville, N.C.
- KCJ1216 James Gough, Route 1 - Box 4, Crozet, Va.
KCJ3880 Lee Willick, 3709 Hester Circle, Raleigh, N.C.
KCJ5002 J.L. Kirkland, Route 7, Raleigh, N.C.
KCJ5092 Doug Paynter, 1001 East Jefferson St., Charlottesville, Va.
KCJ8516 The Morrison's, 826 Longview Dr., Woodbridge, Va.
KCJ9615 James Surratt, Rt. 2 - Box 86, Denton, N.C.
KDA0334 Truman Jones, Route 8 - Box 218, Roanoke, Va.
KDB0371 Bill Howell, 545 Palmetto Lane, S.W., Aiken, S.C.
KDB9372 Claude Hooper, R.F.D. 3 - Box 130, Sylva, N.C.
KDC0843 Raymond Sheely, Box 95, Petersburg, Ohio
KDC1358 W.L. McKeever, 435 Lynn Ave., Lakeside, Ohio
KDC1716 John Croke, 21 Elmwood Court, Alexandria, Ky.
KDC2091 Charlie Kreuger, Route 2, Marion, Ohio
KDD9708 Stuart Cash, 1109 Mississippi Ave., Chattanooga, Tenn.
KDE4606 Hiram Klunker, Route 1 - Box 80D, Bloomingdale, Ga.
KDI3558 Tom Smith, P.O. Box 147, Orlando, Fla.
KDJ3938 Earl Barnes, Rt. 1 - Box 1594, Haines City, Fla.
KDJ0332 Nick Miller, Box 3006, St. Petersburg, Fla.
KEB1661 Bob Fancher, Darling, Miss.
KEB3600 Bill Hubbs, 7824 West 36th St., Little Rock, Ark.
KEE2743 Harry Hoffpowner, 724 Coolidge Rd., Channelview, Tex.
KEH4406 Sam Sunrall, Rt. 1 - Box 197, Slaton, Tex.
KEH6381 Paul Burkett, 4209 N.W. 31st, Okla. City, Okla.
KEJ1341 E.H. Rogers, 24950 E. 6th St., San Bernardino, Calif.
KEJ1361 Jeff Collier, P.O. Box 3044, North Hollywood, Calif.
KFA1592 Elliot Ness, P.O. Box 903, Arleta, Calif.
KFA3436 Jerry Morse, P.O. Box 854, Glendale, Ariz.
KFA4077 Smity Snutch, 11142 Penn St., Lynwood, Calif.
KFD1525 Chuck Watrous, 421 W. 12th St., Tracy, Calif.
KFD4351 Steve Kruff, 1755 - 29th Ave., San Francisco, Calif.
KFD5345 Cecil Long, P.O. Box 367, Ivanhoe, Calif.
KFD5811 Larry Klueder, P.O. Box 183, Oroville, Calif.
KFF1219 Jack Sudduth, 8103 16th S.W., Seattle, Wash.
KFJ0479 Agnes Sudduth, 8103 16th S.W., Seattle, Wash.
KGH3372 Wayne Hutchins, P.O. Box 311, Carthage, Mo.
KGI3589 Clarence Fleagle, Route #1, Abilene, Kansas
KGJ6100 Robert Schmink, 357 No. Waco, Wichita, Kans.
KGJ6245 The QSL Swapper, 5439 Dober Lane, St. Louis, Mo.
KGI7912 Donn Stoneburg, P.O. Box 11221, Omaha, Nebr.
KHA5150 Virg Mansfield, 600 West 7th, Muncie, Ind.
KH8376 Gordon Velpel, 801 S. Franklin St., Garrett, Ind.
KHB1210 Larry Rost, R.R. #2, Muscatine, Iowa
KH82113 Sherwood Risley, R.R. 4-Highway 15 W., Mt. Carmel, Ill.
KIM3556 John Ernstberger, 3516 S. Hermitage Ave., Chicago, Ill.
KHC4185 Lou Chappell, 3644 E. Minnie St., Decatur, Ill.
KHC4453 Dick Stout, Maple Spring Farm, Chatham, Ill.
KHC6483 Jack Wolsieffer, 5 Park Ave., Lafayette, Ind.
KH8489 Fred Priest, Box 215, Clarks Hill, Ind.
KHD1288 Charles Couchman, Box 194, North Vernon, Ind.
KHD2438 Harold Reynolds, R.R. 4, Brazil, Ind.
KHD4295 George Newberry, 1027 W. Douglas St., Freeport, Ill.
KHD5209 Buster Rogers, 1602 Athens St., Crawfordsville, Ind.
KHD6834 B.J. Hubbard, 4603 Stanley Ave., Downers Grove, Ill.
KHD8971 John Northridge, Box 9, Cedarville, Ill.
KHE0180 Rick Chase, 612 E. Seminary, Greencastle, Ind.
KHE1030 John Rusnak, 5730 S. Meade Ave., Chicago, Ill.
KHG3085 Edwin Chisholm, 1825 Avon St., Saginaw, Mich.
KHG3450 Ernie Grubb, 1757 Moonlight Dr., Akron, Ohio
KHG4945 C.M. Cooley, 1006 Hooven Ave., Hamilton, Ohio
KHG5896 Ron Neufeld, 3090 E. Durbin Ave., Cleveland Hts., Ohio
KHG9031 Jack Pye, 1014 S. Campbell Rd., Royal Oak, Mich.
KHG9085 Alfred Hogan, 1108 Walker St., Mansfield, Ohio
KH110407 Jerry Rathburn, 22 W. Main St., Alexandria, Ohio
KH11363 Geo. Radenheimer, 321 Andrew St., Middletown, Ohio
KH12473 Roy Sparks, 232 E. 14th St., Elyria, Ohio
KH12658 Doc Earley, West Union, W. Va.
KHH4408 Pearl Götter, P.O. Box 441, Scio, Ohio
KHI0886 F. Keersmaecker, 22715 Maxine St., Clair Shores, Mich.
KH15457 Geo. Barker, 343 N. 27th St., Battle Creek, Mich.
KH15522 Jim Foley, Port Sanilac, Mich.
KH19979 Gene Taylor, 121 N. Adolph Ave., Akron, Ohio
KHJ2246 Gus Cottis, R.D. 2, Bantam Ridge, Wintersville, Ohio
KHJ3477 Donald Beltz, 13474 Enid Blvd., Lake Forest, Mich.
KHJ5862 Peachy Cole, 1025 Muskingum Ave., Zanesville, Ohio
KHJ7033 Max Green, 100 North Main St., No. Baltimore, Ohio
KHJ7131 Ken Massie, 115 Woodland Dr., Ironton, Ohio
KHJ7892 Boots Beaudry, Box 252, Trenton, Mich.
KHJ7895 Bob Best, 12067 Greenlawn, Detroit, Mich.
KHJ7920 Maury Lackey, Rt. 1 - Box 230, Berea, Ky.
KHJ8472 Scrubboard, 1164 Lindsay Ave., Akron, Ohio
KHJ9411 Jim Waters, 28 S. Pembroke Ave., So. Zanesville, Ohio.
KHJ9482 Francis Garrett, 1226 Moxahala Ave., Zanesville, Ohio.
KIA0468 Clarence Kerntstock, 1820 Filmore Pl., Essexville, Mich.

KIC3500 Ruthie Bopp, 350 W. Fifth St., Lewistown, Penna.
KIC3501 Phil Rodon, 16 Garfield Ave., Batavia, N.Y.
KID0007 Fred Martz, Davis-Lane Speedway, Hustontown, Pa.
KID0186 Stan Reshetar, 102 1/2 Walnut St., Binghamton, N.Y.
KID0313 Stan Jesionowski, 31 Summer St., Fredonia, N.Y.
KID3449 Nicholas Shyshuk, P.O. Box 744, Scranton, Penna.
KID5293 George Gould, P.O. Box 42, Hudson Falls, N.Y.
KID5389 James Gross, 1410 Burley Ave., Tyrone, Pa.
KID5802 R.V. Pollard, 109 Pennsylvania Ave., Johnstown, N.Y.
KID6356 Roscoe Harrington, 5 Schuyler St., Hudson Falls, N.Y.
KID6418 Jim Schall, 322 1/2 Main St., Leechburg, Pa.
KID7260 Stan Breitkopf, 271 Stanton Lane, Rochester, N.Y.
KID8232 Roy McGregor, R.D. 2, Central Square, N.Y.
KID8628 Donald Buffington, Craryville R.F.D., N.Y.
KID8939 Reald Hoover, 303 Eden Ave., Waynesboro, Pa.
KID9081 Dody Townsend, Box 18, Solsville, N.Y.
KIE0628 Al Gully, R.D. 3-Box 392, Coraopolis, Pa.
KJB0278 Jack Rogers, Box 107, Kodiak, Alaska
KJC0223 J.C. McCalla, 273-G Dye Ave., Ft. Richardson, Alaska
KJH0032 Jere Carlcofe, 2301 Norfolk St., Hopewell, Va.
KJH0080 Robert Grubbs, Route 3, Winston-Salem, N.C.
KJ11072 Len Sledinski, 18 Ames Ave., Tonawanda, N.Y.
KJJ2293 The Silver Eagle, 339 Harter St., Herkimer, N.Y.
KKA0488 Cyril Wilson, 6 Collins Terr., Lym, Mass.
KKA0880 Don Benoit, Lambs Grove, Spencer, Mass.
KKA3340 Hootin Annie, 11 Forthill Rd., Poquonnock Bridge, Conn.
KKA4210 Dick Clogston, Starks, Maine
KKA5174 George Brown, 101 Truman St., New London, Conn.
KKA5305 Chase's Engraving, 175 Kitemaug Rd., Uncasville, Conn.
KKA5308 John Mildner, Roberts St. RD. 1, Pascoag, R.I.
KKA5683 Bob Holmes, Mountain View Farm, King Rd., Monson, Mass.
KKA5753 Peter De Filippo, P.O. Box 654, Wallingford, Conn.
KKA6048 Mike Suntava, 198 Mercier Ave., Bristol, Conn.
KKA6894 David Goodwin, 68 South Broadway, Lawrence, Mass.
KKA7064 Irving Norman, 9 Greenfield St., Pawtucket, R.I. 02861
KKA7402 John Flynt, Royal Coach Hotel, Weirs Beach, N.H.
KKA7847 Rich Vermette, 288 Elm St., Holyoke, Mass.
KKA8101 John Moriarty, 86 Beacon St., Florence, Mass.
KKA8428 Linda Fritzgus, 12 James St., North Haven, Conn.
KKA8441 Leonard Prue, 11 Forthill Rd., Poquonnock Bridge, Conn.
KKA8891 Ralph Lovering, 254 Prospect St., Northampton, Mass.
KKA9926 Brian Benkosky, 343 Washington St., Keene, N.H.
KKA9940 Bob Vogel, 371 Columbia Rd., Dorchester, Mass.
KKB0399 Stan Holland, South Rumford, Rumford, Maine
KKB1198 The Shafer's, 3 Cherry St., Windsor, Vt.
KKB1587 Al Lapointe, 60 Prospect St., New Britain, Conn.
KKB1757 Tommy Miller, 109 Fallon Dr., Hamden, Conn.
KKB2326 Bob Campbell, 5 E. Collins St., Salem, Mass.
KKB3161 Jim Darrall, 47 Howard St., Lynn, Mass.
KKB3548 John Monaco, 118 Ledgecrest Ave., New Britain, Conn.
KKB3865 Ed Porter, 446 West St., Rutland, Vt.
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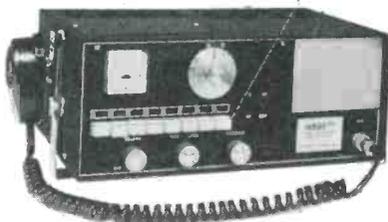
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Always say you saw it in 59

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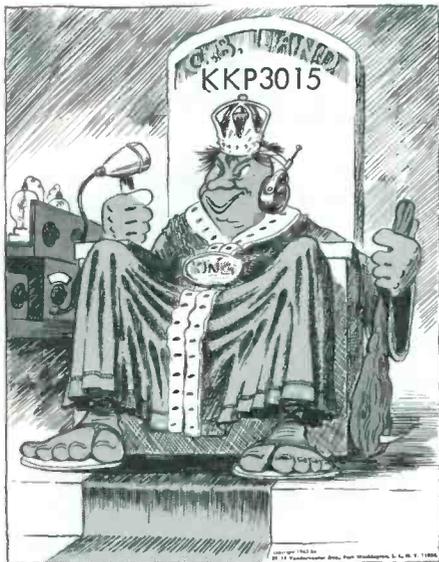
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Were you one of the many readers who wrote to us to ask if we could furnish reprints of our wildest of all S9 covers, the "King of The Band" one we had in February? Well, we can't.

BUT we did take this same illustration and enlarge it to a giant 8½" by 11" size, print it in three dazzling colors, and figure out how to personalize it with your call sign on the throne.

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MONITORING GUIDE TO THE U.S. ARMY CORPS OF ENGINEERS FOR ALL CB MONITORS AND DX LISTENERS

The U.S. Army Corps of Engineers is charged with improving our waterways, flood control, regulation of the use of our navigable waterways, construction of national monuments and memorials, and numerous other "civil" activities of the Army. In order to coordinate these various services, a rather large radio communications network is needed. Some of these stations are located at dams along rivers or canals, some are used to communicate with Army dredges and other work vessels, others are in full swing during the spring flood season to coordinate flood control activities.

Listeners, for years, have found these stations easy to hear over relatively long distances (most run several hundred watts), and just about all will QSL too! During the flood season they provide fascinating fare, and are of special interest to local CB clubs performing emergency duties in the flood area.

We have noted that many listeners confuse the callsigns of these stations, probably because the radio operators aren't careful with their pronunciation on the air. For instance, the call "WUA21" usually sounds something like "W/A21" when monitored. "WUH240" might come out like "WH240"—the "U" seems to get lost, so don't be thrown if you hear a wierdo callsign like "WE253," it's really "WUE253."

Our listing was compiled from an international roster of radio stations. We believe that it is substantially accurate and complete (despite the fact that there are some large gaps in the callsign number sequence). We have also listed a few of the Engineer vessels to be heard. Army Engineer stations operate on many frequencies, and we have underlined the ones which seem to be most often reported by listeners.

Army Engineer Frequencies: 2182, 2248, 2296, 2300, 2326, 2345, 2350, 2484, 2582, 2590, 2604, 2738, 2784, 2844, 4360, 5015, 5305, 5327 1/2, 5400, 5437 1/2, 6250, 7362 1/2, 7875, 8610, 9345, 13920 kc/s.

WUA	Boston, Mass.	WUC533	Canal Point, Fla.	WUD441	Lockport Lock, Ill.
WUA21	Buzzards Bay, Mass.	WUC534	Moore Haven, Fla.	WUD442	Brandon Lock
WUA22	Sandwich, Mass.	WUC535	Ortona, Fla.		and Dam, Ill.
WUA23	Wings Neck, Mass.	WUC630	Jackson, Ala.	WUD443	Dresden I. Lock
WUB2	Caven Pt., N.J.	WUC632	Tombigbee River, Ala.		and Dam, Ill.
WUB4	Baltimore, Md.	WUC633	Oliver Lock & Dam, Ala.	WUD444	Marseilles Lock
WUB30	Ft. Leavenworth, Kans.	WUC634	Eutaw, Ala.		and Dam, Ill.
WUB31	Atlantic City, N.J.	WUC642	Pearl River Lock #1, La.	WUD601	Minneapolis Lock
WUB32	Edge Moor, Del.	WUC643	Pearl River Lock #2, La.		Dam #1, Minn.
WUB33	C&D Canal, Sta. 1, Md.	WUC644	Pearl River Lock #3, La.	WUD602	Miss. Dam #2, Minn.
WUB35	Little Rock, Ark.	WUD	Chicago, Ill.	WUD603	Miss. Dam #3, Minn.
WUB36	Ft. Leonard, Mo.	WUD4	Chicago, Ill.	WUD604	Miss. Dam #4, Minn.
WUB37	Ft. Meade, S.D.	WUD6	St. Paul, Minn.	WUD605	Minneiska, Minn.
WUB38	Ft. Snelling, Minn.	WUD7	Rock Island, Ill.	WUD606	Trempealeau, Minn.
WUB39	Ft. Warren, Wyo.	WUD21	Black Rock Lock, N.Y.	WUD607	Miss. Dam #7, Minn.
WUB48	Caserta,	WUD31	St. Mary's Falls	WUD608	Miss. Dam #8, Wisc.
WUB311	C&D Canal, Sta. 3, Del.		Canal, Mich.	WUD609	Miss. Dam #9, Wisc.
WUB333	C&D Canal Sta., Del.	WUD42	La Grange Lock	WUP610	Miss. Dam #10, Iowa
WUC	Key West, Fla.		and Dam, Ill.	WUD615	Miss. Dam 5A, Wisc.
WUC4	Savannah, Ga.	WUD43	Peoria, Ill.	WUD711	Lock & Dam #11, Iowa
WUC5	Jacksonville, Fla.	WUD44	Joliet, Ill.	WUD712	Lock & Dam #12, Iowa
WUC6	Mobile, Ala.	WUD45	Starved Rock Lock	WUD713	Lock & Dam #13, Iowa
WUC40	Clark Hill, S.C.		and Dam, Ill.	WUD714	Lock & Dam #14, Iowa
WUC41	Savannah, Ga.	WUD61	Fountain City, Wisc.	WUD715	Lock & Dam #15, Ill.
WUC51	Miami Beach, Fla.	WUD65	Upper Anthony Dam, Minn.	WUD716	Lock & Dam #16, Iowa
WUC53	Clewiston, Fla.	WUD66	Lower Anthony	WUD717	Lock & Dam #17, Ill.
WUC61	Panama City, Fla.		Dam, Minn.	WUD718	Lock & Dam #18, Ill.
WUC62	Tuscaloosa, Ala.	WUD422	T.J. O'Brien Lock	WUD719	Lock #19, Iowa
WUC66	Jim Woodruff Dam, Fla.		and Dam, Ill.	WUD720	Lock & Dam #20, Mo.
WUC531	Lake Harbor, Fla.	WUD432	Peoria Lock	WUD721	Lock & Dam #21, Ill.
WUC532	Belle Glade, Fla.		and Dam, Ill.	WUD722	Lock & Dam #22, Ill.

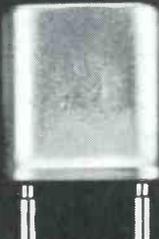
WUE	Akron, Ohio	WUE256	Greenup Locks and Dam, Ky.	WUE602	Cumberland R. Lock C, Tenn.
WUE3	Pittsburgh, Pa.	WUE264	Monongahela R. Lock #6, Pa.	WUE603	Cumberland R. Lock D, Tenn.
WUE4	Huntington, W. Va.	WUE331	Berlin Dam, Ohio	WUE604	Cumberland R. Lock E, Ky.
WUE5	Louisville, Ky.	WUE332	Mosquito Creek Dam, Ohio	WUE605	Cumberland R. Lock F, Ky.
WUE6	Nashville, Ky.	WUE341	Crooked Creek Dam, Pa.	WUE606	Cheatham Lock, Tenn.
WUE31	Pittsburgh, Pa.	WUE342	Loyalhanna Creek Dam, Pa.	WUE609	Old Hickory Lock, Tenn.
WUE32	Tygart, W. Va.	WUE343	Mahoning Creek Dam, Pa.	WUE610	Pickwick Lock, Tenn.
WUE41	Marietta, Ohio	WUE344	Tionesta Dam, Pa.	WUE611	Tenn. R. Lock #1, Ala.
WUE42	Mohawk Dam, Ohio	WUE345	Youghiogheny, Pa.	WUE612	Wilson Lock, Ala.
WUE51	Owensboro, Ky.	WUE360	Monongahela R. Lock #2, Pa.	WUE613	Gen. J. Wheeler Lock, Ala.
WUE52	Frankfort, Ky.	WUE361	Monongahela R. Lock #3, Pa.	WUE614	Guntersville Lock, Ala.
WUE61	Chickamauga Lock, Tenn.	WUE362	Monongahela R. Lock #4, Pa.	WUE615	Hales Bar Lock, Tenn.
WUE64	Kentucky Dam, Ky.	WUE363	Monongahela R. Lock #5, Pa.	WUE616	Watts Bar Lock, Tenn.
WUE68	Barkley Lock and Dam, Ky.	WUE365	Morgantown Lock, W. Va.	WUE617	Fort Loudoun, Tenn.
WUE201	Ohio R. Emsworth Dam, Pa.	WUE368	Monongahela R. Lock #7, Pa.	WUF2	St. Paul, Minn.
WUE203	Ohio R. Dashlands Dam, Pa.	WUE369	Monongahela R. Lock #8, Pa.	WUF3	Rock I., Ill.
WUE206	Ohio R. Montgomery Dam, Pa.	WUE370	Allegheny R. Lock #2, Pa.	WUF4	St. Louis, Mo.
WUE207	Ohio R. Dam #7, Pa.	WUE371	Hildebrand Lock, W. Va.	WUF31	Keokuk, Iowa
WUE208	Ohio R. Dam #8, W. Va.	WUE401	Capt. A. Meldahl Dam, Ohio	WUF41	Chester, Ill.
WUE209	Ohio R. Dam #9, W. Va.	WUE421	Atwood Dam, Ohio	WUF42	Clarksville, Mo.
WUE210	Ohio R. Dam #10, Ohio	WUE422	Bolivar Dam, Ohio	WUF43	Winfield, Mo.
WUE211	Ohio R. Dam #11, Ohio	WUE423	Blue Stone, W. Va.	WUF44	Alton, Ill.
WUE212	Ohio R. Dam #12, W. Va.	WUE425	Burr Oak Dam, Ohio	WUG	Vicksburg, Miss.
WUE213	Ohio R. Dam #13, W. Va.	WUE426	Charles Mill Dam, Ohio	WUG2	W. Memphis, Ark.
WUE214	Ohio R. Dam #14, Ohio	WUE427	Clendening Dam, Ohio	WUG3	Vicksburg, Miss.
WUE215	Ohio R. Dam #15, Ohio	WUE428	Delaware Dam, Ohio	WUG4	New Orleans, La.
WUE216	Ohio R. Dam #16, Ohio	WUE429	Dewey Dam, Ky.	WUG5	S. Louis, Mo.
WUE217	Ohio R. Dam #17, Ohio	WUE430	Dover Dam, Ohio	WUG21	Cairo, Ill.
WUE218	Ohio R. Dam #18, Ohio	WUE431	Leesville Dam, Ohio	WUG23	Helena, Ark.
WUE219	Ohio R. Dam #19, W. Va.	WUE432	Mohawk Dam, Ohio	WUG30	Vidalia, La.
WUE220	Ohio R. Dam #20, W. Va.	WUE433	Mohicanville Dam, Ohio	WUG31	Monroe, La.
WUE221	Ohio R. Dam #21, Ohio	WUE434	Piedmont Dam, Ohio	WUG32	Pine Bluff, Ark.
WUE222	Ohio R. Dam #22, W. Va.	WUE435	Pleasant Hill Dam, Ohio	WUG33	Greenwood, Miss.
WUE223	Ohio R. Dam #23, Ohio	WUE436	Senecaville, Ohio	WUG40	Shreveport, La.
WUE226	Ohio R. Gallipolis Dam, W. Va.	WUE437	Tappan Dam, Ohio	WUG41	Alexandria, La.
WUE227	Ohio R. Dam #27, Ohio	WUE438	Wills Creek Dam, Ohio	WUG43	L. Charles, La.
WUE228	Ohio R. Dam #28, Ohio	WUE442	New Philadelphia, Ohio	WUG44	Burrwood, La.
WUE229	Ohio R. Dam #29, Ky.	WUE450	Winfield Lock and Dam, Ohio	WUG300	S. Joseph, La.
WUE230	Ohio R. Dam #30, Ky.	WUE451	Marmet Lock, W. Va.	WUG301	L. Providence, La.
WUE231	Ohio R. Dam #31, Ky.	WUE452	London Lock, W. Va.	WUG331	Marks, Miss.
WUE232	Ohio R. Dam #32, Ky.	WUE501	Ky. R. Lock & Dam #2, Ky.	WUG332	Yazoo City, Miss.
WUE233	Ohio R. Dam #33, Ky.	WUE502	Ky. R. Lock & Dam #12, Ky.	WUG333	Sardis Dam, Miss.
WUE234	Ohio R. Dam #34, Ky.	WUE510	Green R. Lock #1, Ky.	WUG401	Inner Harbor Lock, La.
WUE235	Ohio R. Dam #35, Ky.	WUE512	Woodbury, Ky.	WUG402	Harvey Lock, La.
WUE236	Ohio R. Dam #36, Ky.	WUE525	Ky. R. Lock #7, Ky.	WUG403	Bayou Boeuf Lock, La.
WUE237	Ohio R. Dam #37, Ohio	WUE601	Cumberland R. Lock B, Tenn.	WUG404	Algiers Lock, La.
WUE238	Ohio R. Dam #38, Ky.			WUG408	Paris Rd, Pontoon Br., La.
WUE241	MacAlpine Locks, Ky.			WUG409	Fla. Ave. Bridge, La.
WUE243	Ohio R. Dam #43, Ky.			WUG421	Bayou Sorrel Lock, La.
WUE244	Ohio R. Dam #44, Ind.			WUG422	Morgan City, La.
WUE245	Ohio R. Dam #45, Ky.			WUG431	Calcasieu Lock, La.
WUE246	Ohio R. Dam #46, Ky.			WUG433	Schooner Bayou Lock, La.
WUE247	Ohio R. Dam #47, Ind.			WUG443	Harbor Tfc. Light Twr., La.
WUE248	Ohio R. Dam #48, Ind.			WUG524	Clarksville, Mo.
WUE249	Ohio R. Dam #49, Ky.			WUG525	Winfield, Mo.
WUE250	Ohio R. Dam #50, Ky.			WUG526	Alton, Ill.
WUE251	Ohio R. Dam #51, Ill.			WUG527	Chain of Rocks Cnl., Ill.
WUE252	Ohio R. Dam #52, Ill.			WUH	Omaha, Nebr.
WUE253	Ohio R. Dam #53, Ill.				
WUE254	Markland Lock, Ky.				

WUH2 Ft. Peck, Mont.
 WUH3 Bismark, N.D.
 WUH5 Kansas City, Mo.
 WUH43 Ft. Randall, S.D.
 WUH52 Napoleon, Mo.
 WUH53 Gasconade, Mo.
 WUH240 Sioux City, Iowa
 WUH510 Harlan Dam, Nebr.
 WUI Dallas, Tex.
 WUI2 Little Rock, Ark.
 WUI3 Tulsa, Okla.
 WUI4 Galveston, Tex.
 WUI5 Albuquerque, N.M.
 WUI42 Corpus Christi, Tex.
 WUI51 Conches Dam, N.M.
 WUI52 J. Martin, Col.
 WUI210 Blue Mountain Dam, Ark.
 WUI211 Bull Shoals Dam, Ark.
 WUI212 Clearwater Dam, Mo.
 WUI213 Nimrod Dam, Ark.
 WUI214 Norfolk Dam, Ark.
 WUI310 Canton, Okla.
 WUI311 Denison, Tex.
 WUI312 Fall River, Kan.
 WUI313 Gore, Okla.
 WUI314 Hulah, Okla.
 WUI315 Jet, Okla.
 WUI316 Okay, Okla.
 WUI317 Ft. Supply Dam, Okla.
 WUI318 Wister, Okla.
 WUI410 Bay City, Tex.
 WUI415 Pt. Arthur, Tex.

WUI420 Pt. Lavaca, Tex.
 WUI421 Brownsville, Tex.
 WUJ Keyport, Wash.
 WUJ3 Portland, Ore.
 WUJ4 Walla Walla, Wash.
 WUJ21 Mud Mtn. Dam, Wash.
 WUJ33 The Dalles, Ore.
 WUJ40 MacNary Lock, Wash.
 WUJ41 Ice Harb. Lock
 & Dam, Wash.
 WUJ42 J. Day Lock & Dam, Wash.
 WUJ310 Ft. Stevens, Ore.
 WUJ312 Bonneville Dam, Ore.
 WUK Chollas Hts., Calif.
 WUK2 S. Francisco, Calif.
 WUK3 Sacramento, Calif.
 WUK4 Los Angeles, Calif.
 WUK31 Sacramento Lock, Calif.
 WUK33 Rio Vista, Calif.

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NORTHERN

S9, APRE for the Glens Falls, N. Y. area, William Davidson, KLP8083. The power failure of Nov. 9, at 5:21 p.m. that suddenly plunged the entire Northeast U.S., into a total black of illumination and communications. Local CB radio group's provided a portable generator for a hospital and set up a radio base at police headquarters.

About 62 CB radio-equipped cars units were provided, by the local CB radio groups.

As in most areas during the big blizzard of '66, CB provided an important communications link here in York County, Pa. Richard G. Ballou, KCD0580, York County Civil Defense Communications officer stated that the contribution of the York County REACT, Robert Cook, KKG3552, President, produced a monitoring schedule for 56 consecutive hours during the storm. One of the main bits of communications handled was assisting in the evacuation of over 100 boy scouts from their Camp Tuckahoe in northern York county and scout personnel stranded at Eagles Mere, another scouting camp in the central Pennsylvania area. Mobiles REACT units braved the storm's hazardous driving conditions to respond to calls from motorists trapped in the drifting snow. Even a lost dog was found and returned to its young owner. More than 18 member stations and additional non-member units participated in the overall operation. REACT monitors channel 9 24 hours for any emergency traffic. One of the monitoring units is maintained by Cliff Ramble, KKG3932, who is blind but rated among the more active CB'ers in York.

Incidentally, Sid Talmud, a member of REACT, was among the scouts and scouters at Tuckahoe the week-end of the storm with his mobile unit. This proved to be the only form of communication at the camp. Since there had been no type of communication there, troop 37, of which Sid is a leader, plans to donate a used CB unit to the York Adams area council of the Boy Scouts of America to be used at camp and other scouting activities in the area.

York CB Assistance Club aided the York County Heart Fund's TV auction by providing mobile units to make collections of pledged bids for automobiles sold on behalf of the Heart Fund.

Otter Valley Citizens Radio Club Inc. of Rutland, Vermont, at their February 16 meeting, unanimously approved a motion to leave channel 11, and move to channel 9 as their call and monitoring channel.

Several reasons prompted this decision; among them, the FCC rule changes, limiting interstation communications to 7 channels. This caused the tying up of 3 channels (9, 10, 11), as 9 was being used to monitor REACT, and as the regular call channel was 11, leaving 10 practically useless, so it actually left us with 4 interstation channels.

Despite the heavy snow storm, over 50% of the members showed up for this meeting.

The committee for this year's Vermont CB Jamboree approved at this meeting is: Larry Hobson, 1Q2984; Bob Hughes, 1Q6820 and Charlie Pallutto, KBD0573.

The Pioneer Valley CB Rangers have been sworn in and are now members of the Ludlow Civil Defense Unit. This group was voted the Club of the Year by the Ludlow Junior Chamber of Commerce. The Rangers have been holding emergency practice sessions and have joined the Civil Defense Unit in order to be of further use to their community and the Greater Springfield area. This announcement via Rocky Franck of Ludlow, their Publicity Chairman.

The Northern Berkshire Emergency Communications Club, Inc. of Adams, Mass. has been selected as host for the Tri-State Conference on May 1, 1966. The Tri-State Conference of citizens band operators was organized

three years ago to assist CB'ers and clubs.

About 200 delegates and members are expected from all over New England at this Tri-State Conference. This will be an all day affair with a workshop session in the morning at which time problems which CB'ers and CB clubs encounter from time to time will be discussed and possibly solved. The workshop will be followed by a noon dinner and an interesting tour of Northern Berkshire landmarks.

During the last week of January was the Winter Carnival of the Town of Honeoye, N. Y. of the Finger Lake Region. It was greatly hampered by very bad weather, high winds and heavy snows.

Snow sleds, snowshoes, motorcycles and different displays also many other sports were planned for all who attended. This was all done out on the ice of Honeoye Lake. Two sky divers put on a good show, as reported by 20Q2568, Ruth Louth, one diver must of been trying to play Santa Claus because he landed so near to a nearby house that his chute draped over the house.

CD people were there in a very few minutes to help him, due to CB radio manned by the Ontario County Emergency Squad. These folks were on the job all through our blizzard and never stopped doing their very best for all and are to be commended for their good work.

The control center was handled by KNP6057, Ed. Progel and did a great job. J. C. Butson is the chief of this Ontario Squad and channel 10 in their standby on CB.

Two other names that should be mentioned are those of Ontario County Director, William Luther and Chief of Police, William Mallotte. These men were on the go early and late to help insure the safety for everyone and help direct a well planned program.

During the carnival CB was the major means of communication. They used 7 mobile units and 6 walkie-talkies. Congratulations to all for a job well done under very bad conditions.

The Inwood-Bronx Chapter of the CBRR elected the following officers for 1966: President, Marvin White, KLP1531; 1st Vice President, William Robson, KKD9533; 2nd Vice President, George Nims Raybin, KB18054; Secretary-Treasurer, Josephine Litvinoff, KKD8242; Cor. Secretary, Elizabeth White, KLP1531; Business Mgr., Cecil Ramsey, 2Q2124. The chapter meets once a month, on the second Friday of the month.

Officers of the Mascoma Valley Emergency Communications Team are: President, Roger Pollard, KKB2183; Vice President, Douglas Hammond, KKA7768; Secretary, Gloria Flint, KKA4691; Treasurer, Richard Pollard, KBD4145; REACT Officer, Raymond Beliveau, KKB3471. Four stations monitor channel 9 and four monitor channel 11, 24 hours. Their president monitors channel 7 all night. Meetings are held the second Sunday of each month.

Daniel Heagy, Chairman of the Banquet Committee of the Five-Eleven Radio Club tells of the March 12th dinner honoring the former and newly elected officers. The club is a non-profit service organization chartered in Pennsylvania and made up of licensees in Class D.

As Radio Rescue Service, Inc. celebrated their 5th anniversary at a dinner-dance on February 12, 1966, they were proud and happy to welcome their first out-of-state chapter. With three Connecticut chapters, Headquarters—East Hartford, Enfield, and Winsted, we welcome Islip, L. I., N. Y.

Harry Berberich, President of the Headquarters Chapter, presented the Charter to Robert Eggering, President of the new Islip, L. I. chapter at the dinner-dance. We want to take this opportunity to wish Islip the best of luck and we hope this will only be the first of many out-of-state chapters.

The Allegany County Radio Emergency Service, Inc., of Wellsville, N. Y., held their annual meeting, and

Howard Bergerson, KLP2252, was elected Vice-President; Edward Corcoran, KNP6639, and Mrs. Victor Grover, KNF6990, are Vice-President and Secretary-Treasurer. The club started its fifth year last month (January) and is looking forward for further service to the community. Besides the blackout and Halloween patrols, the club has found a lost child, directed traffic on several occasions for local state police during an accident. It has also been recognized as a service and emergency unit by the local police and fire departments and the civil defense organization. Meetings are on the third Sunday of each month, and officers can be reached mainly on channel 19. A 24-hour watch is made for people seeking help or road information. A.P.R.E. Robert Boyd, KIC6708 continues as editor of the monthly newsletter, "Output," along with help from "Sam CB'er," and "Phoebe Ceebee," the columnists.

On December 9, 1965, the CB Radio Patrol Inc. elected their officers who will serve in office for a two-year term. President, William A. Gendron, Jr.; Vice-President, Robert G. Landry; Secretary, Robert E. Gendron; Treasurer, Mrs. Larry (Sue) Duman; Photographer & Reporter, Mr. Larry Dumas; Member Representative, Mr. William C. Tobin, Jr.

On January 10, 1966, the Ethan Allen Citizens Band Radio Club Inc. elected their officers who will serve in office for a one year term. President, Roland Hood; Vice-President, Arlie Fuller; Secretary, Lorraine Safford; Treasurer, Lionel Lavalley; Sgt. at Arms, Francis Lavalley; Club Historian, Mrs. Lionel (MILLIE) Lavalley.

The Citizens Emergency Radio Team (CERT) of Bangor, Maine elected the following officers: Director, Donald McCann, KBC0810; Ass't Director, Bruce Comings, KMA4318; Secretary, Charles Leech, KKA0981; Treasurer, Roger Tonney, KMA4033.

CENTRAL

The "CENTRAL IOWA CB CLUB, INC.," also known as "C.I.C.B.," monitors Ch. 9. They are planning a state wide "Coffee Break" and get-together on Sunday, May 15, 1966 from 2 P.M. to 6 P.M. at the "Avondale Country Club" at Avon Lake—1 mile east of Highway Junctions 60 and 46, just southeast of Des Moines, Iowa. All CB'ers are welcome. No charge. Free coffee, donuts, etc. "Coffee Break Control" will be on Channel 9. Card swap tables. C.I.C.B.'s club paper, "THE BREAKER" will also publish information and directions. You may write to the club in care of the President at 8060 Dema Drive, Des Moines, Iowa 5013. Hope to see you May 15th.—C.I.C.B.—

The "CENTRAL IOWA CB CLUB, INC." of Des Moines, held it's annual election of officers for 1966 on January 26, 1966 at the Windsor Heights Shelter House in Des Moines.

The newly elected officers are: President, Jack Doggett, KKH4994 (S-9 A.P.R.E.); Vice President, Ron Harter, KKH8947; Sergeant at Arms (Gary) (Wimp) Winterberg, KGG0538; Secretary-Treasurer, Kathie Churchill, KNH1056.

The Little Egypt CB Club of Southern Illinois met at Cisne, Illinois at the Community Center for a ham and bean feed at 7:30 P.M., February 10, 1966. There was a large attendance considering the foul weather that occurred. After everyone had eaten his fill of ham and beans, cornbread, and slaw, the meeting was called to order by President Eugene (Shorty) Shipley KNK0178. Other officers for 1966 are Vice President, Bill Riley KHD9553; Secretary, Francis Galther KHA-9211, and Treasurer, Bill Parker KJL4012.

Officers of the Michigan Wolverine Radio Club, Frankfort Chapter, is President, Mrs. Winnie Heischman, KHI8047; Vice President, Harry Johnson, KLN-2781; Treasurer, Fran Johnson, KLN2781; Secretary, Mrs. Jo Gilbert, KLM0638.

Latest on the search for Susan Brady—Heavy snow in the northern Illinois, South Wisconsin area has hampered efforts to find Susan Brady, the 11 year old girl missing from her home in Rockford since December 20, 1965. Before bad weather set in members of the Boone County CB Radio Patrol searched the banks of the Kishwaukee River with deputies from the Boone County Sheriff's Dept. unfortunately nothing was found.

Authorities are now looking for a white male, approximately 30 who was seen driving a green 1961 Cadillac. This car tried to pickup another girl in the area that Susan disappeared only minutes before she was last seen. A car of similar description was reported to have tried to pickup small girls in various areas of

Northern Illinois in previous weeks. Plans call for re-checking various parts of Winnebago County as soon as weather permits.

In the wee hours of the morning of Nov. 19, 1965 fire broke out in an East Akron building. Soon the blaze was spotted by the police department, they notified the Akron Fire Department whose equipment was on the spot immediately. The fire raged out of control however and soon it turned into one of the biggest fires in the history of Akron. Two firemen and an occupant of one of the buildings lost their lives in that fire. About three o'clock in the morning the Akron Beacon Journal called the Nineteeners, the active CB club in northeastern Ohio. The Beacon had a problem, the fire had knocked out communications in East Akron and they needed to get information to and from the scene of the fire. Quickly the Nineteeners went into action, setting up a base station in the Beacon at the city desk. A car was used for the base of operations at the scene of the fire. Reporters then relayed stories to the Nineteener in the car and he relayed them to the base station at the city desk, where the copywriter took down the story and sent it to press. The Akron Beacon Journal could reach reporters and photographers by calling the car. The Nineteener in the car would then call the reporter and give him the message. Another job well done by the Nineteeners, the active CB club in Northeastern Ohio.

On December 26, 1965, at 9:30 p.m., the Road Patrol Headquarters for The Brent Spence CB Club of Kentucky, Inc., received a call that an automobile belonging to Mr. and Mrs. Gene Snyder, KDC0341, was stolen.

The following morning, December 27th, the car was spotted by Ed Stephens, KNN5000, and Clifford Niemeyer, KNM3189 (both members of this club) who in turn notified the Covington Police Department. The car was soon returned to the owners.

Many thanks are in order to Messrs. Stephens and Niemeyer for their vigilance.

The road patrol of this club is performed on all major holidays with equipment, gas, and automobiles supplied by the members of the Brent Spence CB Club of Kentucky, Inc.

Newly elected officers for 1966 are as follows: President, Jack Warner, KLN7284; Vice President, Robert Teaney, KNN0814; Secretary, Larry Fleming, KNN-2097; Corresponding Secretary, Carolyn Warner, KNN-2493; Treasurer, Fred Nehring, KLN9750; Sergeant-at-Arms, Tony Sarge, KLN5485.

Officers of the Lincoln Way REACT are: President, George Lindsley, KNJ6068; Vice President, John Wolzfelt, KHC4437; Coordinator, Charles Fargher, KHD0090; Director, Melvin Wade, KKK8770. Present membership is at 50. News comes from Neal Dixon, KNJ7296.

The Land of Lincoln CB Club recently elected the following officers: President, Pearl Jackson, KNJ7408; Vice President, Frank Reed, KHD6023; Treasurer, Laverne Cookson, KLJ7270; Secretary, Mike Lowe, KNJ-5684; Ass't Secretary, Norma Beck, KNK4024; Trustees: Wayne Selhime, KNK4024; Harold Peyton, KNJ-1273. Communications officer is Rosie Bulter, KNK4660.

Officers of the Central Bluegrass CB Radio Club are: President, G. B. Harziss, KKL8020; Vice President, Fred Tertant, KHC9887; Recording Secretary, Ruelle Van Singer, KNJ1576; Treasurer, Jim Ritchie, KNK-4185-U2. Membership at present is 50. The club wishes to contact others across the nation. Contact: Rollie Van Singer, 402 Jeans Drive, Danville, Ky.

At Christmas young adults in Pocatonia, Illinois received walkie-talkies for gifts. These small units soon began playing havoc with the transmissions of the six CB operators in that area. Instead of giving the kids trouble they decided to help them use their radios for a useful purpose. Rev. Howard Brooks, an amateur radio operator, gave instructions on the rules and uses to 20 interested youngsters at the first meeting. Village Marshal C. A. Matteson suggested that they be formed into a team to help authorities in emergencies and work with the five CB operators in Pocatonia.

With this guidance the youngsters formed the Pocatonia Radio Club. The officers are as follows: President, DeeDee McDonald; Vice President, Richard Falk; and Secretary-Treasurer, Gale Orris. It is planned to teach the group first aid and search and rescue operations. Their goal is to provide a service to the community while offering a service to the youngsters.

I think that this is a wonderful example of how the interference of all the walkie-talkies can be changed to a useful service.

On Nov. 8, 1965, I was copying the mail on channel

9 and overheard some other CB'ers talking about an airplane crash somewhere in the greater Cinti. area. After turning on the standard broadcast radio, I found out that there had been a crash of an American Airlines plane. Flight No. 383, a Boeing 707, with 62 persons aboard, had crashed into a hillside just west of Constance, Ky. The weather was cool and there had been a thunderstorm at the time of the crash.

I arrived near the crash scene at 8:00 p.m., approximately one hour after the crash. With me was Bob Girvin, KHH3556 and Ernie Dickerson, KNM1943. Bob and I went over the hill to the crash scene, which was approximately a mile from the road, where we set up communications with the use of a 1½ watt walkie-talkie. Ernie was in the car relaying to the base station where Bob's XYL, Dremadale, KHJ5924, was constantly on the phone relaying the information back to the airport. We carried on communications for the Postal Authorities, firemen, and some of the airport officials. We were at the scene until 2:00 a.m. the next morning until the Kentucky State Police got their portable communication equipment there. Ambulances, fire departments, auxiliary police from the entire area went to the accident scene. There was even one ambulance from Lexington, Ky., which is 75 miles away.

There were only 4 survivors who were thrown from the plane upon impact. All but one have been released from the hospital and she is due to be released any day. Bob, Ernie, and I have received letters of commendation for the work we did, in lieu of danger to ourselves.

We are all members of the Civilian Broadcasters Assn. of Northern Kentucky of Erlanger, Ky.

The Vacationland CB React Team played an important part in the recent 1966 Hodag International Snowmobile Marathon. There were 247 racers competing on a 40 mile course. The course was a loop going between three cities, Rhinelander, Three Lakes, and Eagle River and back to Rhinelander. The trail was over frozen lakes and swamps and most of it through unpopulated wooded areas that usually saw humans only during the deer hunting season.

As competition was very keen, many breakdowns and accidents could be expected. As it turned out there were about 43 Snowmobiles that broke down in the woods and only one driver that got lost.

To assist in emergencies, our CB club placed 18 mobile CB radios at strategic locations along the trail. Each unit had fire extinguishers, tow-rope, first aid kit and a willingness to be helpful, no matter what was required. The mobile CB's contacted the 3 CB base stations. They in turn were able to contact by land line; five trucks, police, doctors, ambulances, if required. When a snowmobile had an accident in the woods, the pit man was notified, via radio, giving the location and the driver's needs were made known. The CB radio volunteers received many words of appreciation, commendation and after the race a dinner was held to which all participating CB men were invited.

Recently a club known as The Eleven Meter Channel Busters, Inc. from Henry County, Indiana participated in a radiothon for the March of Dimes campaign. This is the second year this has been done.

The city of New Castle, Indiana was divided up into nine sections. One mobile unit was placed in each of the nine sections. As the telephone calls came into the radio station, they were transmitted to the mobile unit located in the section from which the call came. This unit then went to that address and picked up the pledge or donations.

This was done when the county purchased a new first aid unit. The club enjoys doing these things. The local CB'ers are ready to stand by for any emergency in the community.

The 11-Meter Channel Busters Club, Inc. will have a Jamboree Coffee Break, Saturday, April 2, 1966 from 3:00 o'clock on at the Cadiz community building. Five miles west of New Castle, Indiana on Road 38. Big prizes, door prizes, trophies for the farthest, oldest, largest caravan. Hope to see many. For further information write to: Adeline Waters, Secretary; New Castle, Indiana; R.R. 1.

Since the middle of 1963, the members of the "CIVILIAN BROADCASTERS ASSOCIATION OF NORTHERN KENTUCKY," known as "C-BANK" have been participating in a Holiday safety road patrol on Interstate 75 in northern Kentucky. They originally patrolled from the Ohio River south. Since the formation of a new CB club in Covington, "C-BANK" has been able to concentrate their efforts from the S. Ft. Mitchell, Ky. area southward as far as Dry Ridge, Ky., which

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There's the famed "23'er", with full 23-channel capability (all crystals supplied). Now, there's an economically priced mate, the "55S" with 5 crystal-controlled channels. Both have the Noise Silencer—something no other transceiver has.

This unique development utilizes a pre-IF silencer that detects noise before the pulse is broadened by IF selectivity. By detecting before IF selectivity, the noise silencing pulse is as short as possible, so that a minimum of the signal is eliminated. There's no loss in signal level, no introduction of audio distortion—a common drawback of the ordinary noise limiting devices used in other transceivers. The result: crisp, mobile reception of even the weakest signals without annoying background noises. No suppression gadgets are required.

Other features are: an ultra-sensitive (0.5 μv) receiver featuring sharp 8 kc selectivity accomplished through a crystal bandpass filter; solid-state design (25 silicon transistors, 7 diodes); smooth, adjustable squelch; 3 x 5 front-facing speaker; provision for external speaker and instant conversion to public address via an optional adaptor.



The transmitter utilizes full legal transmitter input (5-watts) with a special high efficiency RF output amplifier, clipped and filtered audio (speech booster) for top talk power (100% modulation). Both units have a built-in power supply for 12VDC (negative ground) mobile operation, mobile

mounting bracket, 12VDC connecting cable and quality push-to-talk microphone. Two AC power supplies are available—deluxe Master Model featuring transistor voltage regulation and a built-in "S" meter at \$39.50; Standard model at \$19.50.

THE "23'ER"—23 channels (all crystals furnished) \$235. NEW "55S" AM TRANSCEIVER—all the features of the "23'er" (Noise Silencer, ultra-sensitive receiver, etc.) except it is for 5-channel operation. May be used on 27 mc business frequencies. Furnished matched crystal for channel 9 (HELP), only \$185.00.

An exciting new product is the Squires-Sanders FM ALERT, FM emergency receiver with 2 crystals receive channels plus tunable control. Choice of 30 to 50 mc, or 152 to 174 mc, \$89.95. Matching speaker \$9.95. Other products include: Squires-Sanders HF receivers and Clegg VHF transceivers and receivers. See them at your dealer, or write for descriptive brochure. Squires-Sanders, Inc., Martinsville Rd., Millington, N.J. 07946.



Squires Sanders

includes those more remote areas where stranded motorists are most to be in need of assistance. Dry Ridge is located approximately 35 miles south of Covington, Ky.

It is known that other CB radio clubs patrol Interstate 75 as far north as Franklin, Ohio, which gives the Greater Cincinnati area a complete coverage on Interstate 75. Each of these clubs should be commended for this service to greater Cincinnati area motorists as well as travelers and visitors passing through.

Informing local authorities of accidents, fires, etc., obtaining gas, oil, and water for stranded motorists, minor repairs on autos, helping motorists separated from each other on the Interstate have been only a part of the courtesies extended by "C-BANK" members on these patrols. Letters of commendation have been received from as far away as Texas from motorists who have been rendered assistance by "C-BANK." During these patrols since 1963, members of C-BANK have driven thousands of miles on Interstate 75 in order to help other motorists. We do this as a public assistance rather than for publicity. NO CHARGE has ever been made on any of these assistances.

In membership are doctors, firemen, skuba divers, auxiliary police, and many others, who are always willing to offer assistance where the need may arise.

At the recent tragic airplane crash in which 58 persons lost their lives near Constance, Ky., several members of "C-BANK" set up communications for the airline and postal authorities and also for some of the fire departments. Letters of commendation have been received by those directly connected with the communications.

It may also be recalled that in recent years during the Sabin Polio drive, "C-BANK" set up mobile communications at each of the 35 distribution centers in Northern Ky. This contributed greatly in making the drive a success.

It might be added that the officers were incorrectly reported in the February issue of S9. The 1966 officers of "C-BANK" are: Colin Simpson, KHH2673, President; Harold Kelly, KLN3069, Vice President; Lynn Pratt, KHJ7169, Secretary-Treasurer; and Ernest Dickerson, KNM1943, Corresponding Secretary. The meetings are held each month on the last Thursday at 8 P.M. at 3715 Dixie Highway, Elsmere, Ky. Club mailing address is P.O. 30, Erlanger, Ky. Lieut. Art Mehring of the Cincinnati Police Force will be the guest speaker for the April 28, 1966 meeting. All CB'ers are welcome.

The Cardinal CB Club has recently organized in Galion, Ohio. Officers elected were Glenn Saylor, KLO-0054, President; Roy Clark, KHJ2639, Vice President; Frances Porter, KLN2995, Secretary; Jean Fry, KLO-0476, Treasurer; Don Bradley, KNM1724, James Clark, KNM1727, Steve Thoman, KHI4205, Gerald Fulkerson, KHJ0748, Trustees and Delmas Cox, KNM1684, Communication Officer.

Meetings are held on the first Saturday of each month, at the East Park Scout Cabin, Smith Street, Galion, Ohio.

Membership at this writing is twenty-eight and is rapidly growing.

SOUTHERN

The El Dorado CB Radio Club was formed on Feb. 4th, 1966. The club voted and passed the by-laws as read. An election was held and elected President was Jimmie McClure; Vice-President, Willie Huit; Secretary-Treasurer, Zelda McClure. The officers were elected for 90 days after which the club will hold another election and officers will be elected for 1 year terms. The club meets on the 2nd and 4th Friday of each month. Unofficial club reporter, Allen Duggar, KMR-0099.

The Alabama Association of Rescue Squads now employs CB radio for many purposes. The association holds a license number MM9359. This number is only used when two or more units affiliated with the association are working together on a rescue operation. Teams and members hold their own license for local emergencies and use.

This organization holds quarterly meetings and also annual conventions at which contests and competition between member rescue units is sponsored. They stress that all members of affiliated units have first aid training. They elect state officers at these annual conventions and also hold board of directors meetings. Each member team has one representative on the board.

They publish a quarterly club bulletin called The

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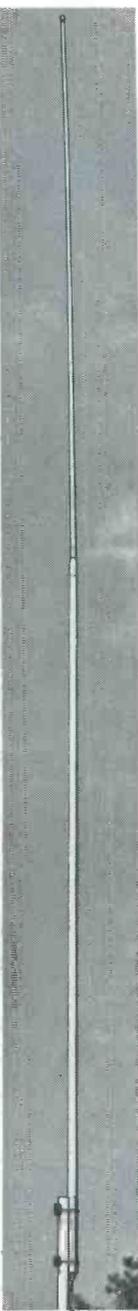
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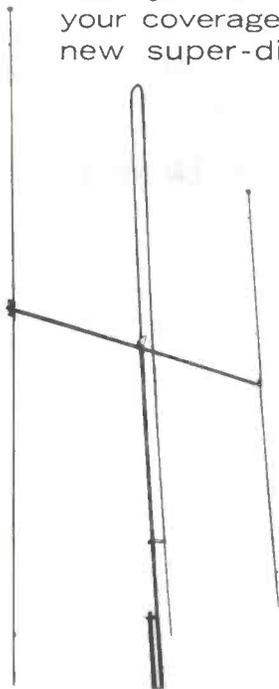
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Alabama Rescuer. This is a four page publication carrying news of rescue units and new methods of rescue operation. It also lists the member unit that will host the next quarterly meeting.

The Thunderbird CB Club of Palm Bay-Melbourne area recently sponsored a chicken Bar-B-Que, with over 300 area CB'ers attending.

The CB Rangers of Brevard County celebrated their 1st birthday at their February dinner-meeting. The climax was a cake-cutting by Brevard County Sheriff, Leigh S. Wilson, who commended the group for their public spirit and unselfish effort to assist when needed. The Rangers have acquired a license to operate up to 60 units in the event they are called on for assistance.

The Cape Canaveral CB Radio Club of Brevard County, Florida, recently elected the following officers for 1966: President, Ralph Squires, KKP5517; Vice resident, Red Bailey, KKP5145; Secretary, Bill Smead, KDH1727; Treasurer, Dewitt Ralston, 7Q2003. The Cape Canaveral CB Club, which serves the Cape Kennedy area, will move into their new headquarters at the newly constructed Brevard County CD Building at Rockledge.

Elected officers of the Miss Delta 5 Watter Radio Club are: President, William L. Lindsey, KKR5275; Vice President, W. C. Thomas, KKR6308; Secretary, Robert Hobbs, KKR2887; Treasurer, J. P. Watson, KKR3411; Parliamentarian, Friday Lord, KMR4532. Projects for 1966 are: increasing membership and to establish and maintain a 24-hour monitoring station.

CANADA

The METRO CB CLUB wishes to announce its 1966 executives: President, Jim DeZori, XM412000; Eastern Vice-President, Ron Kreger, XM413784; Western Vice-President, Bob Kew, XM41910; Secretary, Jud Carrey, XM41338; Treasurer, Larry Higgins, XM41352; News Director, Brian MacKay, XM414375.

The March to May club program will feature speakers from various GRS manufacturers. Metro CB will host the JOHNSON rep in March, and the ANTENNA SPECIALISTS in April. The HEATH-KIT representative will round off the May schedule.

METRO CB plans an as yet unannounced contest with The GOLDEN HORSE-SHOE GRS CLUB.

Also in the plans is a junior section of the club to provide leadership for the 12 to 21 year old GRS operators. A 30 member ceiling is planned for the youthful membership section.

Jack Renshaw, XM413363 of Ajax, Ontario, has announced the formation of the EMERGENCY COMMUNICATIONS AND HELP ORGANIZATION. (HELP in ECHO's name has no relation to HIGHWAY EMERGENCY LOCATING PLAN). No additional information concerning their plans or activities are presently available.

Pine Ridge REACT reports its 1966 executives as Coordinator, Paul West, XM48931, Cobourg, Ontario; Secretary, Jargoe Seabord.

Membership is about 25 units and reports that there have been relatively few incidents of an emergency nature in their area since their formation.

ONTARIO COUNTY GENERAL RADIO SERVICE ASSOCIATION.

The OCGRSA wishes to announce its executives for 1966: President, Larry Higgins, XM41352; Vice President, Richard Howe, XM412888; Secretary, Alex Blyth, XM413724; Treasurer, Shirley Lene, XM413157; Past President, Jack Renshaw, XM413363; Sergeant at Arms, Bill Caverly, XM413884.

OCGRSA plans for the future include several dinner meetings with guest speakers, displays of equipment and manufacturers representatives to talk about their gear, transmitter hunts, skating and toboggan parties, several coffee breaks, an overnight club campout, the annual MILLIONAIRES NIGHT, a caravan to the Stratfordville Jamboree, and a drive-in breakfast.

The Association meets each first and third Monday of the month at the Oshawa Tennis Club at Ritson Road and Hillcroft in Oshawa at 8:00 p.m. SHARP.

The OCGRSA had also entered a float in the Whitby Santa Claus Parade, the theme being "LITTLE BO-PEEP HAS LOST HER SHEEP" and starred Shirley Lane, XM413157.

OCGRS prints its bulletin in the form of "XM" a 16 page DITTO booklet.

SCARBOROUGH RANGERS OF CANADA.

The purpose of the SROC is strictly social and they are not engaged in any technical activities. Their aim to promote friendship with members of other GRS

clubs. Membership requirements are that the prospective members be known to the majority of the club. The newcomer is recommended to the club by a member and is then screened by a membership committee.

Present membership of this six month old club is 30 persons. Meetings are held monthly at the SCARBOROUGH INDUSTRIAL PLAZA, 777 Warden, Toronto. The club's executive is elected by the general membership.

Future plans of the SROC include coffee breaks with other Southern Ontario area GRS clubs and an EASTER BALL.

SROC held a VALENTINE'S DANCE on February 12, with an attendance of 110. 50 of the guests were not CB'ers but friends of SROC members. Entertaining were GoGo girls Marlene Lonie and Linda Gadsby with music supplied by Empringhams Bandstand. Highlight of the evening was a twist contest and the choosing of Miss SROC. The judges choice was pretty Mrs. Rudy Marks, 23, Hubby is XM421038.

On the 20th of February SROC competed with the Ontario County GRS Assn. in a transmitter hunt in the Oshawa area. SROC members John (XM42541) and Jack (XM42599) Colmar plus George Cohen (XM42607) found the transmitter in 30 minutes and won for SROC the OCGRSA transmitter hunt trophy.

Newly organized and reporting is the Citizen Band Radio and Emergency Network Club of Winnipeg, Canada. The memo received here was from a ardent S9 reader who informs us that Bill Gelniych was the founder of the club. The club will offer its help to emergency conditions that might develop in their area.

The Annual meeting of the 1st Nova Scotia CB Radio Club was held at Sherwood Inn, Windsor, N. S. with the following officers elected to serve in 1966: President, Gil Hazlett, XM63295; Vice President, Bruce Campbell, XM63007; Secretary, Bill Cox, XM63717; Treasurer, Ross McKenzie, XM63625.

Also attending were the Presidents of the following clubs: President, Dalton Densmore of the Hub CB Club of Truro and Bob Blumenthal of the Kingfisher CB Club of Halifax. Interested parties should contact the 1st Nova Scotia CB Radio Club for planning a combined Jamboree.

"Au mois de novembre 1965 a eu lieu, pour la région de Québec, la formation d'un club de Radio-Téléphone: 'le Club les CB du Québec Métropolitain-Inc.' L'ouverture officielle eut lieu le 12 décembre 1965 au siège social au Club, le Chateau Bonne Entente. Cette journée d'ouverture a groupé environ 200 CB'ers de la région. A l'heure actuelle, le Club compte plus de 60 membres qui tous opèrent sur le canal moniteur, le canal 22. Le prix de la carte de membre a été fixé à \$5.00.

Sont membres du bureau de direction: Président, Mario Nickner, XM552174, de Québec; 1er Vice Président, Jean-Marc Brassard, XM56537, de Québec; 2nd Vice Président, Claude Bédard, XM552309, de Beauport; Secrétaire-Trésorière, Mlle Mireille Brousseau, XM-56513, de Québec; Directeurs: Mlle Carole Huot, XM-552163, de Sillery; MM. Michel Rondeau, XM552205, de Québec; Marcel Bureau, XM552060, de St-Georges de Beauce; Robert Fréchette, XM552341, de Charny; Guy Gendron, XM552261, de Charny; Directeur de la Publicité pour Québec: Jacques Desbiens, XM552013, de Québec; Directeur de la Publicité pour l'extérieur: Jean-C. Mainguy, XM552222, de Québec.

Une invitation est faite à tout club du Canada comme des Etats-Unis à nous écrire pour échange d'idées et de programmes."

If any CB visitors come to Quebec City and need help or just want to talk to a member of the Club, give a call on channel 22. The club would be interested to hear from any club for exchange of ideas and programs.

Adresse: Le Club les CB du Québec Métropolitain-Inc., C.P. 252, Québec-4, P.Q., CANADA.

EXTERIOR

One of the greatest differences between the SOUTH-CENTRAL ALASKA CHAPTER OF MOBILE COMMUNICATIONS EMERGENCY UNIT INC., and others is that as many operators converge on this area from the South 48, as are here as permanent residents. The reason being, that Anchorage enjoys the location of two quite large Military Installations each adjoining and one adjoining the city proper.

The military personnel are continually returning to the South 48 and others are moving in to fill the vacancy, consequently the ever changing call letter dilemma. Chapter enjoys the privilege of being the only open club in the area with a membership of forty-one

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CB IN ACTION

By Les Hench, KHA3272
Sales Manager
Pearce-Simpson, Inc.



THE ANTENNA — FRIEND OR FOE?

Other antennas, such as the full one-quarter wavelength whips, are not as easy to adjust as the coil loaded whips. It is usually possible to use the following method with these antennas:

1. Tune the transmitter correctly into a standard 50 ohm dummy antenna. This will give you the proper reference point for adjusting your antenna. Use the best dummy antenna available. Use one of your lowest frequency channels for these adjustments.

2. Now make the following test to be sure that the antenna is long enough (it usually is). Attach a few inches of bare wire to the tip of the whip antenna to increase its length. Check the Standing Wave Ratio with an SWR meter connected in the antenna lead. Now, clip off about an inch of the bare wire extension. Check the Standing Wave Ratio again. Continue this process to obtain the best possible SWR. When the SWR becomes quite low, clip off shorter and shorter pieces of the wire so that you do not overshoot. The last pieces clipped should be only about $\frac{1}{16}$ inch long.

3. If a very low SWR is obtained when you have removed all of the extension wire from the antenna, your antenna is probably just the right length and you can leave it as it is. On most spring mounted antennas, you can check this out before you have to start clipping the antenna itself. Just remove the spring base and mount the whip without the spring. This will shorten the antenna. When you make the wire extension, make it as long as the base plus three or four inches. Now when you have shortened the extension wire for the lowest possible SWR the remaining wire can be measured and compared with the length of the spring. If the lengths are identical, your antenna with the spring on it is exactly right. If the wire is shorter, it will indicate that your antenna should be shortened.

4. If the SWR is still too high when all of the extension wire has been removed, the clipping process should be continued on the antenna itself. Proceed very cautiously so that you do not remove too much of the antenna. If the SWR is quite high, you can probably remove as much as one-quarter inch at a time but as lower SWR is obtained, you should cut only about $\frac{1}{16}$ inch each time. Watch very carefully and as soon as the SWR starts to increase by the slightest amount, STOP SLIPPING. This will indicate that your antenna is tuned to maximum efficiency.

If you were lucky and ended up with a beautiful 1:1 SWR, it means that you have been able to adjust out all inductive or capacitive reactance and ended up with a resistive load. This is ideal. Your antenna has been adjusted to 52 ohms, it is connected to a 52 ohm feed line (it was made that way), and into a 52 ohm transmitter (it was designed for best operation under this condition). Maximum transfer of energy can take place to the antenna and no power is wasted in the form of standing waves (reflected power).

WIN A COMPANION 11 CB

Your story of "CB in Action" can win a COMPANION 11 CB. Write and tell us how CB helped perform a service or helped you or your community in an emergency. Send your story to Les Hench, National Sales Manager, PEARCE-SIMPSON, INC., P.O. Box 800, Biscayne Annex, Miami, Florida 33152.

(41) and believe it or not, are gaining 3 to 4 new members monthly. Their last operation was assisting in the March of Dimes collection utilizing 12 mobile units in the field and a base station set up in the TV studios of KTVA with KENI-TV jointly producing the program. The program was also carried by KENI Radio. After the collection of receipts from the Mother's March, donated items were auctioned via TV. The bids being received via land line and then the items delivered and collected for by one of the 12 CB mobile units. Incidentally the auction started at 11:30 p.m. and continued to about 5:00 a.m. The CB mobile units picked up and turned in well in excess of \$2000.00 between the hours of 9:00 p.m., 31 January and 5:00 a.m., 1 February.

Officers installed in January are: President, Waynard Folsom, KMA2366; Vice President, Jim Hawkins, KEE-1986; Secretary, Bob Mosher, KNU0013; Treasurer, Doug Skiles, KMG1266 and Sgt. at Arms, Ed Quintana, KMP3673. At the second meeting in January, Bob Mosher submitted his resignation in favor of a commitment with the military service. At that time, Tommy Vaught, KNK3436 was appointed Secretary. Brad Levy, KLQ0889 was reappointed Publicity Chairman.

Oahu Civil Defense Citizen Banders Radio Communication Service.

The Citizen Banders for Civil Defense, took part in a communication exercise on November 21, 1965, at Birkheimer Tunnel from 1300Z to 1600Z to check out communications from control to shelters in Honolulu Area Command. There were 83 Citizens Band Radio operators present at this exercise.

Operations commences at exactly 1355Z. The reason for the delay was due to RACES was not ready due to malfunction of equipment. However the CB'ers were standing by at exactly 1300Z. This radio service operated on channel 15 or (27.135 mc.), as assigned by the Civil Defense Officials. Mobiles was assigned shelters listed in communication letter from OCDA, regarding Civil Defense Communication Exercise. Operation of this service had no major difficulties while transmitting or receiving messages, one of the minor troubles encountered was receiving a standard broadcast station on the channel we were operating on. This will be corrected by checking our antenna system, it was found that the Ground Plane antenna on the telephone pole located on the slopes in the crater, the center elements was broken due to the wind storm encountered a few weeks ago.

PACIFIC

Congratulations are in order to Mrs. Earl Hintz, KGE1613 for the new CB'er in the family, 5 pounds, 2½ ounces, Girl. A speedy recovery from surgery for Mrs. Wayne Eckiss, KHD7029.

MOUNTAIN AIRS, CB Radio Club, 10/20 Kernville, Calif. Date-line Feb. 26, 1966. A POT LUCK and general club meeting was held in the club house. After 11 members and their families plus visiting guests had eaten a hardy meal a general meeting got underway for the election of new officers. Those elected: (left to right) Jeanne Self, KFA7491, Secretary; Bill Klahn, KFA9467, Treasurer; Tom Frazier, KFA1490, President; Lou Sargent, KMX7004, 2nd Vice President; Evert Beatty, KKK1728, 1st Vice President; Lewis Self, KFA3052, Sgt. at Arms. Visitors present were: Ted and Helen Wright, KFA2936/KKX1888, Ridgecrest, Calif.; John Andrews and sons, KEJ1409, Rededa, Calif.; Pam Evans, KKK2150, Isabella, Calif.; Virginia and Kenneth Claunch, KFA7074, Lamont, Calif.; Ruth and Frank Neal, KKK6184/KFB0248, President and Secretary of KCCRA (Kern County Citizens Radio Assoc.)

At 2000 hr., 4 Feb. 66, the REACT TEAM of Vandenberg AFB, Calif., started assembling plans for the possibility of being called upon for assistance by the base police in search of a missing person.

Around 1800 hr., a fisherman was lost in the surf off the coast of Vandenberg AFB. It was confirmed, and by 2300 REACT was set up for the search party to start early the next morning.

At 0600 hr., REACT had six cars, 7 portable units, and two base stations, Mrs. Earl Hintz, KGE1613, wife of REACT President and Edwin Ahlders, KNA0667, along with ten personnel standing by, waiting for the OK from Base Police.

Due to the unfamiliarity with REACT and CB radios, the answer came back, negative. All the members were disappointed, but stood-by anyway. Through more encouragement and explanations by our Vice President,

Ted Lott, KMX6881, to the officers in charge of the operation, the answer came back as a positive.

The REACT team then proceeded in two groups to search the beach below the cliffs between Point Conception and Jalama Beach. A party of 5 went to Point Conception to work toward Jalama Beach and 5 went to Jalama Beach to work to Point Conception.

Four people of each group searched the beach while the fifth person of each group served as anchor man with a mobile unit.

The search was terminated for the REACT team at 1800 hr. with negative results. REACT reassembled at Jalama Beach and was thanked and dismissed by Base Officers.

WESTERN

The Travis County CB Radio Club was formed in Austin, July, 1965 with a charter membership of 35. Since, the club has grown to 50 at this writing. The club felt that Austin, with a population of 212,000, the seat of state government, home of the U. of Texas, and having several major highways intersect here, there was a great need for a REACT TEAM. Recently, the club voted to apply for membership in the National REACT Organization and the newly formed Team was called Cen-Tex REACT. Although the REACT Team is a project of the club, membership is open to all CB'ers regardless of any club affiliation. REACT membership has grown from the charter membership of 30 to the present 58. During the 2 weeks before Christmas, the club assisted the Christmas Clearing Bureau in distributing food to needy families. They delivered about 250 food baskets and about 25 to 30 Christmas trees to the same needy. A special vote of thanks goes to Bill Crawford, who was project officer on this project and to Mrs. Walker, who gave so much of her time in operating the radio at the bureau headquarters. Their present project is furnishing transportation to blind girls from the State Blind School, located in the city. Also in project is the building of an emergency communications trailer, to be equipped with rescue, fire, and fold down antenna with 2 CB rigs and Walkie Talkies. Meetings are held on the first Monday of the month at 8:00 p.m. in the Bank of Austin Auditorium. Any clubs or REACT Teams wishing to correspond with the unit should write P.O. Box 3055, Austin, Texas 78704.

ATLANTIC

The North Georgia Citizens' Band radio club is coming to the aid of a family left without anything but a lawn mower, a toy red wagon and a tricycle as a result of a fire Saturday.

Club members tonight will dispatch vehicles via radio or go themselves to any location for a pickup of food, clothing or household furnishing that people may want to donate to the destitute family.

Collection Site: Club headquarters building near the Recreation Center on Morningside Drive will be used as a central point of collection. Donors may deliver the gifts themselves to this location if they choose.

But, if a person wishes to donate and have the items picked up, they are asked to call 278-3197, Ext. 47, before 6 p.m. and 278-6423 after 6 p.m.

Mrs. Granval Bugg, employee of E. & B. Carpet, will answer the telephone and take the message, and in turn pass the information along to members of the radio club, headed by Joe Anderson, President.

Kyle Flanary, 6W6889, The Old Mountain Man, near the Tenn. and Va. state line is back on the road, mountain man trying to break a wild horse, had accident broken hip and leg, after a stay in hospital he returned home to lie flat on his back, he did not give up his radio. Mountain man is a communication officer Civil Defense and REACT, on stand by around the clock, the director of Civil Defense praised Flanary for his needed operation.

The Old Mountain Man on his first day out spotted a mad fox near a school, he called for help, police and other units with dogs were on the trail, the fox was killed by a man with a knife but not too soon, the fox bit an old lady.

Kyle wants his CB friends to know he will see them at the coming Jamboree, he will be mobile and not riding a horse.

What if your car conks out on a deserted mountain road late at night in a driving storm?

Or, what if you become a victim of a serious heart

Continued on page 72

Watch for next month's big issue

LEAVE WORD



with *SECODE'S* *Silent Secretary*

Leave word! and never miss a call to your mobile radio receiver. Secode's solid state SD-30 "listens" for your vehicles dialed number, automatically unmutes your speaker and broadcasts an audible tone* while lighting your call lamp. You know you've been called. Provisions for a momentary external alarm through your auto's horn have been added as standard. Don't pay for expensive radio equipment unless it "listens" all the time. Do write for complete specifications.



*The Silent Secretary (mobile decoder-call head) can often be called beyond range of intelligible speech.

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May 1966 • 69



WASHINGTON OUTLOOK

Here are the FCC actions of the month.

• The following CB'ers were asked to show cause why they should not lose their licenses:

KEH6539, E. B. Christopher, Howe, Texas (for numerous violations).

KDB1271, Lois McCallum, Atlanta, Ga. (for repeated violations of the rules of failing to identify call sign assigned at the beginning and conclusion of each exchange of communications; using station as a hobby or diversion; failing to limit communications to 5 consecutive minutes; and failing to follow transmissions by a 2 minute silent period).

KKT0988, Glenn D. Ward, Houston, Tex. (numerous violations including operating a station as a hobby or diversion; with an antenna in excess of 20 feet above ground; exchange of communications with other CB stations on frequency not authorized for transmission of communications between units of different CB stations, etc.).

KHG5625, Lee Roy Potts, Cleveland, Ohio (failing to respond to official communications).

KNM5822, Francis G. Riggs, Detroit, Mich. (for transmitting communications to other licensees which related to technical performance, capabilities, or testing of equipment; communicating with other CB stations on frequency not authorized; and communicating outside limited 5 consecutive minutes).

KMV2355, Valmore E. Goebel, Dallas, Texas (for failing to make facilities available for inspection upon request of authorized representative of the FCC; failing to identify station by its assigned call sign at the beginning and end of each exchange of communications; and exchanging communications with another CB station on a frequency not authorized for communications between different stations).

KNV0170, Joyce M. Roberts, Washington, D.C. (failing to respond to official communications).

KMI1095, Barbara J. Cranfill, Riverdale, Md. (failing to respond to official communications).

KMI2529, Roger T. McIntyre, Woodbine, Md. (for repeated willful violations of numerous rules

including transmitting communications to other CB stations on frequency not authorized for communications by units of different CB stations, transmitting communications over a distance of more than 150 miles, failing to identify communications from CB station by call sign assigned at beginning and conclusion of each exchange of communications, etc.).

7Q1110, Joe A. Fisher, Miami (failing to respond to official communications).

KHA1291, David P. Killough, Madisonville, Ky. (repeated communications from station which were not directed to specific stations or persons within the direct groundwave coverage range of the station).

• These stations had their licenses revoked: KLD1360, Cecil C. Stinson, Milltown, Mont. (failing to respond to official communications).

KBC3760, Harland Gower, S. Portland, Me. (same as KLD1360).

KKI2090, Roger E. Myers, Woodbine, Md. (same as KLD1360).

KMM1762, Lacy L. Clay, Haleyville, Ala. (same as KLD1360).

KKT0232, George R. Holliday, Jr., Houston, Tex. (same as KLD1360).

KMM0820, William M. Motes, East Point, Ga. (for repeated violations of the rules by operating station beyond authorized frequency tolerance; operating station as hobby or diversion; communicating with another Class D station for a period exceeding 5 consecutive minutes; and without identifying it at beginning and end of each transmission or series of transmissions).

KIJ0162, Rivera's TV Refrigeration Service, Rio Piedras, P.R. (same as KLD1360).

KHG4840, Arden L. Ford, Bellefontaine, Ohio (same as KLD1360).

KMA0706, Robert E. Byron, Brockton, Mass. (same as KLD1360).

KMA1101, Armand J. Girardin, Lewiston, Me. (same as KLD1360).

• Here are CB'ers who received \$200 forfeitures:

KMD1805, Walter I. Pauselius, Hasbrouck Heights, N. J. (failing to identify station by as-

signed call sign at the beginning and conclusion of each series of transmissions; using station as a hobby or diversion; for transmission to stations of other licensees communications relating to the technical performance or capabilities of radio equipment).

KMP0950, Joseph N. Lanno, Miami, Fla. (failing to identify station by assigned call sign at beginning and conclusion of each series of transmissions and operating station outside the frequency tolerance prescribed).

- One operator was given a \$100 forfeiture: KIG0184, Robert L. Paaluhi, Waianae, Hawaii (off frequency).

- These operators had \$200 forfeitures reduced to \$50:

KCD4183, Robin L. Parker, Barnegat, N. J.
KBI9638, Richard Ehalt, Dumont, N. J.

- Going from a \$100 forfeiture to \$25 was in store for these operators:

CLA3492, John P. Wetter, Lodi, Calif.
KIF0314, John Rita, Waianae, Hawaii.
KMX7281, Ray E. Kirchoff, Glendale, Ariz.
19Q1819, Howard L. Barkley, Marion, Ohio.
KNM2763, Robert A. Ervin, Chillicothe, Ohio.

- Charges were dismissed in these cases:

KFD4733, Clifford W. Hathaway, Sr., San Francisco, Calif. (license cancelled).

KMM3385, Thomas L. Raffle, Rock Hill, S. C. (licensee furnished satisfactory explanation for failure to reply to FCC correspondence, and has taken corrective measures to preclude a recurrence of the violations which formed the basis for the charges).

In other FCC actions, the Commission advised Russell G. Simpson, of Boston, Mass., that it had decided he is not a "representative" of a foreign government within the meaning of Section 310(a)(2) of the Communications Act. Simpson is Honorary Consul for the Republic of Bolivia in Boston, and had requested a CB license for communications for his own private purposes. Simpson is a lawyer and a U.S. citizen; he offers his services to Bolivia without compensation, the duties being mainly validating shipping documents and issuing tourist cards for Bolivia. The CB station will be used for safety protection aboard his boat in Martha's Vineyard, Mass.



SWL SHACK

Continued from page 48

EST; Station ACA of the U.S. Army, at Panama, Canal Zone, at 1645 EST about 17300 kc/s.

Another group of U.S. Army communications stations was heard by regular reporter Claude Kumjian, Orient Point, N. Y. Claude dug up Station AGA, Honolulu, Hawaii, on 10450 kc/s; Station AAE60, Belen, N. M. on 10200 and 16300 kc/s. Other stations heard were SSB station in Algiers daily on 9000 kc/s at 1630 EST; Moroccan SSB station on 13950 kc/s at 1345 EST;

SSB station in Paramaribo, Surinam, on 17890 kc/s, and CVW stations ZSL in Capetown, South Africa, on 13228 kc/s, plus MLU, Gibraltar, 4615 kc/s.

Our Buckeye State reporter, Will Doggette, 1120 Markley Rd., Cincinnati, Ohio 45230, has racked up some nice point-to-point and broadcast loggings. Some of the especially nice ones are: a whole slew of foreign aeronautical stations talking together each night on 6537 kc/s; Tel Aviv point-to-point near 10400 kc/s at 1430 EST; big batch of Pacific area aero stations giving weather most of the day on 8905 kc/s (Tokyo, Anchorage, Honolulu, Frisco, etc.). Will wants to organize a Buckeye State SWL Club, any Ohio listeners may wish to contact him.

Veteran S9 reporter Steve Jones, KLO0519, Lawrenceburg, Ky., has his usual giant report of DX-ploits. Look at some of these: *La Voz de Patria*, Caracas, Venezuela, on 3305 kc/s at 2340 EST; HCMJ1, *R. Gran Colombia*, 4913 kc/s at 0028 EST; 4XB31, *Kol Yisrael*, 9009 kc/s and 9725 kc/s at 1400 EST; TIHBC, *R. Reloj*, San Jose, C. R., at 2349 EST on 6207 kc/s; and LRA32, *Argentine Radio*, Buenos Aires, at 2230 EST on 9690 kc/s.

Send in those reports and shack photos!



READER MAIL

Continued from page 5

OUR CREED

Dear S9,

The CB'ers Creed (March issue, page 37) was something which should be posted at the operating position of each and every CB shack. It's the first thing I've ever come across in CB which is truly inspiring. Are reprints available? If so, how much are they.

Irma Ligner, KHD5188
Skokie, Ill.

We had so many requests that we made up some nice reprints on heavy, high quality, colored stock. They are suitable for framing and are available for 10¢ per single copy, or 50 for \$2.50 (clubs, please note). They are mailed unfolded. Send orders to: CB'ers Creed, % S9 Magazine, 14 Vanderverter Ave., Port Washington, N. Y. 11050.



CB CON MAN

Continued from page 9

Nothing more has been heard of Calvin, the FCC inspector, from that day to this. "Great impersonator?" Robin Hood? Or just plain confidence man?

The problem you face is that *anyone* in this country who can rub two nickels together can get on the air. We've had all kinds of characters. We *don't* recommend that, if someone shows up on your doorstep claiming to be an FCC inspector, you throw him out on his ear. Ask to see his identification! Not a single person saw

an ID card during the whole Stamford incident; everyone believed that Calvin had shown his card to some other family member.

If you ran across Calvin at any time, write and tell us about it. We like to keep in touch with our old CB buddies — and this one owes me a QSL!



CB CHIT CHAT

Continued from page 69

attack while driving and are unable to continue?

Many things could happen and none of them pleasant, and it is emergency driving situations like these that has given rise to a national organization called Highway Emergency Location Plan (HELP).

This summer a local organization was formed by a group of interested citizens and, according to L. R. (Jack) Lawhorn, "Ours is the first HELP organization in the state of Virginia as far as we know."

The club now feels that it is sufficiently well established to announce its aims and purposes and to solicit new members. Membership now stands at 35.

What does HELP mean? It works like this: To return to the case of the aforementioned heart attack victim . . . if he was a HELP member, his car would be equipped with a two-way radio. If an emergency arose, he would turn to Civil Band, channel nine, press a button on the hand microphone and call for help.

The call would then be picked up by a CB radio emergency volunteer worker who would relay the message to the police and the hospital. Help would come promptly. The volunteers who monitor the channel on a 24-hour basis, would also call the First Aid Crew, the fire department or radio-equipped service stations . . . depending on the situation.

"Understand that we do not give first-aid ourselves," the HELP president said. "We merely relay messages and stand ready to give assistance if the police, fire department or first aid crew should ask us to."

Sometimes a HELP member will come across a wreck which has not yet been reported to the police. They do so promptly and stand by until help comes. To cope with such emergencies, each HELP mobile unit is equipped with road flares, a first-aid kit, flashlight, blanket and a walkie-talkie.

In addition, they give motorists directions, keep a list of motels and hotels in the area and the location of the nearest garage if there is motor trouble.

In the local area there are two control points where messages are picked up and relayed. In Waynesboro it is in the home of Mr. and Mrs. Henry Lots of Grandview Heights. In Staunton it is located in the home of Mr. and Mrs. Lawhorn, 216 St. Clair St. A 30-mile area is covered between the two points.

Use of the equipment is controlled by the Federal Communications Commission but an operator's license is needed. An application for the required service license, valid for five years, can be sent to the FCC when the equipment is ordered. Licenses are open to nonliens over the age of 18 years.

Present aim of the program, according to the Automobile Manufacturers Association is to encourage installation of equipment by motorists, establishment of a nationwide monitoring system by proper groups and to gain support for the plan from groups interested in promoting highway safety.

According to the local HELP organization, word was received yesterday from A. C. Doty, Jr., secretary for the national HELP committee, that they are officially recognized by the Automobile Association of America.

Mr. Lawhorn thanked business firms and individuals who donated time, materials and money to the organization.

SOURCE: The News—Virginian Waynesboro, Virginia, October 30, 1965.



S9 LAB REPORTS

Continued from page 34

is a means to perform most of the routine checks that insure optimum performance.

Want to check SWR? Simple, flip the mode

switch to SWR and you've got the reading. And you can leave this multi-purpose test set permanently connected in the transmission line, for when the mode switch is set to *direct* the SWR meter is bypassed and you can use the tester for other functions. Modulation measurements? Yes, that's included as well as an RF power output meter and a crystal activity checker. If you suspect a "weak" crystal is robbing you of output power just place it in the tester and compare it against a known good crystal. And it doesn't matter whether the crystal is the standard or mini (walkie-talkie) type, there's a socket for each.

Leave a crystal in the socket and you have a signal generator for use in aligning the receiver or for recalibration of a VFO dial.

If you've got modulation problems you can track them down by using the tester's low distortion audio signal generator. The audio oscillator also doubles as a modulator for the RF signal generator to provide a modulated RF test signal.

For antenna tests a super-sensitive field strength meter (FSM) is provided. With the built-in telescopic antenna extended the tester gives "strong" field strength readings even when testing low power walkie-talkies.

For those who like to see a "picture" of their rig's modulation (like when adjusting a speech clipper) there is an oscilloscope output. Place the tester near the transmitter, connect an oscilloscope to the tester's output terminals and you get an exact replica of your rig's modulation on the CRT.

Considering the price, less than \$25, and its operation convenience, the Citizen Band Tester represents a Best Buy in CB test equipment.



CARD SWAPPERS UNLIMITED

Continued from page 56

- | | |
|---------------|---|
| WPE2NIO | Sheldon Shuff, 105 - 57 Flatlands 8th St., Brooklyn, N. Y. |
| WPE3CG | Dewey Watkins, 1811 Irving St., N.W., Washington, D.C. |
| WPE3FQQ | Donald Schmitt, Box #14, Gettysburg, Penna. |
| WPE3GQE | David Bubeck, 109 E. Main St., Schuylkill Haven, Pa. |
| WPE4ENC | Jimmy Bullock, 1628 Long Ave., Nashville, Tenn. |
| WPE6GAE | Jim Harris, 897 Bockman Rd., San Lorenzo, Calif. |
| WPE7CFV | Richard Warner, 4290 High St., Eugene, Oregon |
| WPBOEPU | Roy Blodgett, South Route - Box 20, Kimball, Nebr. |
| SWL | Rich Caldeira, 16317 Molino Dr., Victorville, Calif. |
| SWL | Fred Lampert, 10 Green View Dr., Pequannock, N.J. |
| SWL/KH6 | Rich Caldeira, 94-245 Leowahine, Waipahu, Hawaii |
| SWL REF11.100 | Jacques Parmantier, 12 Avenue du Colonel Fabien
P. 153 - 93 - St. Denis, France |
| SWL REF16.097 | Marie Parmantier, 12 Avenue du Colonel Fabien
P. 153, 93 - St. Denis, France |
| TRQ1000 | David Bubeck, 109 E. Main St., Schuylkill Haven, Pa. |
| WTCM | Card Swapping Bob, 5439 Dober Lane, St. Louis, Mo. |
| M33533 | David Bubeck, 109 East Main St., Schuylkill Haven, Pa.
Central Printing, 920 Vandeventer, Fayetteville, Ark. |



CB SHOP

Rates for CB SHOP are 10¢ per word for advertising which, in our opinion, is obviously of a non-commercial nature. A charge of 25¢ per word is made to all commercial advertisers or business organizations. A 5% discount is in effect for an advance insertion order for six consecutive months.

We do not bill for advertising in CB SHOP. Full remittance must accompany all orders and orders sent in otherwise will not be run or acknowledged.

Closing date is the 15th of the 2nd month preceding date of publication.

We reserve the right to reject advertising which we feel is not suitable.

Because the advertisers and equipment contained in the CB SHOP have not been investigated, the publishers of S9 cannot vouch for the merchandise or services listed therein.

"ARE YOU SINCERE? Are you really looking for the best deal on a new or fully guaranteed used CB unit? Let us convince you with a specific quote that will really save you money. **GRAHAM RADIO**, Dept. E, Reading, Massachusetts."

HEY PUSSY CATS! Want a sneaky way to build up your card swappers collection? We will ship you 25 different cards for only \$1. No printers samples or junk, but **REAL CB QSL's** from all over, some actually signed by the ops. S. Nussbaum, 1440 50th St., Brooklyn, N. Y. 11219.

YOUR CLUB EMBLEM reproduced by beautiful Swiss embroidery as a jacket or shirt cloth patch. Send sketch, colors, size, and quantity for price quotation to **D & H Sales Company**, Box 1381, Decatur, Alabama 35602.

C-12B FREQUENCY METER, International Crystal, perfect condition, with manual, new batteries, post paid. \$250. L. R. Fox, 5610 Gifford, Maywood, Calif.

Fifty Miniature Photostats of your **QSL** or license only \$2.00 postpaid. Satisfaction guaranteed. **RGN**, P.O. Box 145, Yale, Michigan 48097.

For Sale: Lafayette **HB-115A** transceiver with 23 channel tunable receive and transmitting crystals, and Lafayette **HA-115** Amplifier (already installed) excellent condition. Bargain price \$90.00. **T. Rossi**, Box 51, Middle Haddam, Conn.

"ALTERNATOR NOISE FILTER." Original designers and manufacturers. Attenuates alternator noise by 50 db., \$2.95. Highest Quality. Engineered Products Co., Springboro, Ohio.

QSL's — Smart CB'ers buy their **QSL** cards from the **CBC Wholesale Club**. Box 631, Lexington, N. C. See half page Advertisement on page 31. 5 watt Transceiver **HE-90**, 23 channel tunable, 10 crystals, low pass filter, 100' coax, ground plane antenna, \$80, Winthrop, 190-06A 69th Ave., Flushing, N. Y.

Wanted — Monitoradio — 30-50 mc. 12V Mobile. **Don Sherman**, RD 1, Box 82, Bel Air, Md.

Watch for next month's big issue

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Station, Chicago, Ill. 60645

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WE NEED CB DEALERS!!

AS distributors handling all Major brands of CB equipment, antennas, and accessories we can offer local dealerships to aggressive CB dealers and installers. Write at once for information and your costs on the brands you prefer to handle. Dept. 624

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ADD 4 TUNED CIRCUITS AND 1 TUBE
TO YOUR MESSENGER I FOR MORE
FREEDOM FROM ADJACENT CHANNEL
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5 SOLDER CONNECTION — EASY INSTALLATION
KIT COMPLETE WITH TUBE 9.50
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GENETRON, Box 125, New Berlin, Wisconsin



STOP! LOOK! I READ!!

\$1.00 will frame and display 60 CBL Cards in 3 of our 20 compartment plastic holders, or \$3.00 gets 10 holders for 200 Cards. Order now—eliminate the mutilation and headaches of the obsolete methods, and have a neat, attractive wall display instantly. Prepaid and guaranteed.

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TEPABCO, Box 198S, Gallatin, Tenn. 37066

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"OFFICIAL" card for your mobile unit's window—very impressive and printed on heavy quality card stock. White stencil letters on black background. With each order a FREE realistic "U.N.C.L.E." ID card in 2 colors — and an extra surprise bonus sticker! The whole bit for 50c, three sets for \$1.

S. Nussbaum, 1440 50th St., Brooklyn, N. Y.

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SCINTILLATING 3-D QSL's. Not cheap—but not extravagant. Newest design. Samples 25¢ (refundable). 3-D QSL Co., Monson, Mass. 01057.

Send me up to 100 cards and I will return card for card in the next mail. I QSL 100%. The Eastern Card Swapper, Don Benoit, Lambs Grove, Spencer, Mass.

FREE SAMPLES—CB QSL CARDS—\$2.50 per 100 in 3 colors. Garth Printing Company, Box 51S, Jutland, New Jersey.

1000 labels or pocket stamp with call only 75¢ postpaid. Wholesale catalog — 5¢. Brownville Sales Co., Stanley, Wisc.

Citizen Band transceivers, two Johnson Personal Messengers, 1½ watt handtalkies with leather carrying case, unused purchased for hunting trip that folded, must sell, going overseas, ship to your instructions, \$79.95 each. Dale McLaughlin, RFD 7, Box 84, Frederick, Maryland 21701.

"LOW PASS FILTER" stop or reduce TVI radiated from your CB transmitter. Equipped with So-239 connectors, \$4.95. Highest quality. Engineered Products Co., Springboro, Ohio.

SMART QSL operators buy their QSL cards from the CBC Wholesale Card Club. See ½ page ad on page 31 in this magazine.

POWSENFORMER — Provides sensational increases in CB rig power output and receiver sensitivity on all AC powered base units. Increases transmitter output like a linear amplifier, connects between AC wall outlet and rig power card. Send \$6.95 ppd. Dynamic Development, P.O. Box 2084-D, Pasadena, California 91105.

UNITED RADIO. To represent you nationally. Send S.A.S.E. for information to Box 573, Sunnyvale, Calif.

WANTED — British EL37 DX Transmitter cheap. Box 54, Charleston, S. C.

CALL LETTER rubber stamp — name — address — zip code. Cushion mounted. \$1.00, postpaid. Chief's Stamp Shop, Maynard, Arkansas 72444.

I.C.B.A. is a National Citizen Band Transmission and Fraternity Ass'n. 35% dues used for State, 50% National and ICBA activities, Congressional, Conventional. One active Officer, two proxies picked from active Clubs from each State act as Board Directors. No dues until quota recognized by Congress as majority is reached. Pledged membership \$1.00 credited, Clubs, Members only, non-members rebateable. Box 464-30 Culver City, Calif.

SMART QSL operators buy their QSL cards from the CBC Wholesale Card Club. See ½ page ad on page 31 in this magazine.

WANTED—I'll pay \$10 to the first person to send me a tape or good condition copy of the following recording: "Presenting Theodore," Coral Records 57322 or 757322. Send to Box BRJ, % S9 Magazine, 14 Vanderventer Avenue, Port Washington, N. Y. 11050.

THIS MONTH'S BRAINWASHING: *Subscribe!*

CB — SWL's 200 designs, state maps, humorous, regular. Catalog — samples 25¢ (refunded). KCJ-1955, Lile Guill, Rustburg, Va. 24588.

QSL's by Brownie "W3CJI." Since 1939—Quality CB-WPE-QSL cards. Samples 10¢ with catalog 25¢. 3111 Lehigh, Allentown, Pa.

HEY PUSSY CATS! Want a sneaky way to build up your card swappers collection? We will ship you 25 different cards for only \$1. No printers samples or junk, but REAL CB QSL's from all over, some actually signed by the ops. S. Nussbaum, 1440 50th St., Brooklyn, N. Y. 11219.

FREE CB QSL SAMPLES. From \$2.50 per 100. Radio Press, Box 24S, Pittstown, New Jersey.

QSL's—Quality—Immediate Service—Reasonable CB QSL Cards. Samples 10¢. Malgo Press—Box 375—Toledo, Ohio 43601.

CB DEALERS!! — If you haven't got it—you can't sell it. Why send your business somewhere else? Here at Graham Radio, we have thousands of CB and amateur radio units and accessories at dealer wholesale prices, and available for immediate shipping. Write for our latest dealer catalog. Graham Radio Inc., Dept. S, Reading, Mass. 01867. Tel. (617) 944-4000.

Free QSL samples and brochure. Cheaper than wholesale. Beautiful cards on heavy glossy stock starting at \$8.98 per 1000 delivered. We'll be proud to make you proud of your QSL. Loudon, Flora, Indiana.

ANTENNA BREAKTHRU! Yes, a high performance, complete, full size, four element beam for only \$15.00. You get a 10' steel boom; rugged mount; four 7/8" and 1" aluminum elements; all hardware and fittings; full instructions for easy assembly and operation. This beam amplifies signals by 8.6; it gives 1,000 square miles ground coverage over flat terrain; it cuts down interference. Remember, only \$15.00, express collect. GOTHAM, 1805 Purdy, Miami Beach, Fla. 33139.

CARD SWAPPERS! Send 15 cards and 25¢ to: Cards, Box 227, Freeport, Ill. Get 15 different back.

SWAPPERS SPECIAL. 2500 Original QSL Cards. \$12.00 Plus Postage. Free Details. Limited Time Offer. Bob Cleary, Box 468, Binghamton, N. Y.

Television picture tube brighteners, improves brightness and contrast to dim pictures. Give tube number, send \$6.00 to EVANCHO INDUSTRIES, 6 Lexington Ave., Glens Falls, New York.

MINIATURE LICENSE PLATE. Your call sign embossed in raised letters on 7" x 2 1/2" steel plate. \$1.00 postpaid. Fifty MINI-QSLs \$2.00. RGN, Bx 145S, Yale, Mich. 48097.

WANTED Goldkit Thriller transceiver in good condx., Miller, Box 45, Jacksonville, Fla.

PICTURE of yourself, home, equipment, etc. on QSL cards made from your photograph. 250—\$7.50 or 1000—\$14.00 postpaid. Samples free. Write Picture Cards, 129 Copeland, La Crosse, Wis.

ATTENTION! CB OPERATORS

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FREE — CATALOG — FREE — just write Tel-Star Communications Co., P.O. Box 3187, Bristol, Tenn. Dealers: Write for CB prices and accessories.

College student must sell to meet expenses. Johnson III, \$169.00 and Courier 23 with range boost, \$159.00. Both brand new, factory boxed. Alan Walls, Box 11, Big Rapids, Michigan.

PLUG IN our shortwave converter and receive any single frequency (AM or FM) between 25 and 180 mc/s. Connects in seconds to any auto radio without tools, switches in or out of circuit. Fully wired and tested, transistorized, and with self-contained battery, you can use it to monitor CB, police, fire, telephone, aircraft, hams, taxi, business band, etc. When ordering, specify channel you wish to receive and also a clear frequency on your radio dial below 1000 kc/s. Only \$37.50, complete. From Sentry Mfg. Co., P.O. Box 12322, Oklahoma City, Okla. 73112.

Heathkit owners, double reception! SK-3 Preselector fits GW-10, GW-11, SK-4 fits GW-12. \$8.99 kit, \$11.99 wired. Postpaid. Free kit, antenna list. HOLSTROM, Box 8640-S, Sacramento, California 95822.

We will design ORIGINAL QSL for you. 1,000—\$6.50. Color choice. Happy customers everywhere. 10¢ (refundable) for details. Bob Cleary, Box 468, Binghamton, N. Y.

I 100% QSL, KMA3939, Loretta McGann, 43 Forest Ave., Southbridge, Mass. 01550.

WATTMETER — measure your rig output radiated power directly in watts (0 to 10 watts) by connecting the "CB Wattmeter" to your rig output plug. Great for tuning up and checking out. Send \$8.95 ppd. Dynamic Development, P.O. Box 2084-D, Pasadena, California 91105.

LINEAR AMPLIFIERS: "Hustler" — 40 watts output — \$94.95; "Raider" — 100 watts output — \$129.95; "Maverick-200" — 200 watts output — \$189.95. 90 day warranty. Frequency range 25-50 megacycles (illegal for use on 11 meters). Write: D & A Manufacturing Co., P.O. Box 765, Scottsbluff, Nebr. 69361.

QSL's by Brownie "W3CJI." Since 1939 — Quality CB-WPE-QSL cards. Samples 10¢ with catalog 25¢. 3111 Lehigh, Allentown, Pa. 18103.

SMART QSL operators buy their QSL cards from the CBC Wholesale Card Club. See ½ page ad on page 31 in this magazine.

MUST SELL — Courier 23, Knight, 577 Mike pre-amp, P-2 SWR/power meter, and KN4515 base mike. Many extras — mc-27 G.P. 102" whip and mount, coax and connectors, head set with boom mike, mobile mounts and power cords. Make offer. Wade Mahood, 1678 3rd Ave., Huntington, W. Va.

For card swappers — 6 year personal QSL collection — 50 different cards — only \$1 — refund if not satisfied — for CB clubs — collector's items — my own QSL's (18B2648) for Club members. Same cost as above. Glenn Davis, 6143 Rockwell, Chicago, Illinois.

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with

Hy-Gain's **CLR2**

the world's most powerful all-directional,
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With a Hy-Gain CLR2, your 5-watt
transceiver delivers power in all directions
equivalent to what you'd get with a
12.55 watt rig.

That's "Talk Power!"

For maximum range and greatest reliability in your communications, Hy-Gain's CLR2 is the one all-directional, non-rotating antenna that is built to do the job. It is loaded with electrical and mechanical features that clearly put it in a class all of its own. Take for example the electrically extended $5/8$ wavelength vertical radiator. Here we're talking basics but they're vitally important basics. In test after test conducted by every authoritative source in the electronics field, a $5/8$ wavelength radiator has conclusively proven to deliver a stronger signal over a greater area than either a $1/4$ wavelength or $1/2$ wavelength radiator. The chart graphically shows how power wasted in the atmosphere by $1/4$ wavelength and $1/2$ wavelength radiators is concentrated into a lower, more extended

arc close to the horizon by a $5/8$ wavelength radiator thus providing a stronger signal over a greater area.



What else does the CLR2 have that makes it deliver maximum "Talk Power"? It has the original static-removing "Top Hat" that drastically cuts receiver noise...a moisture-proof matcher that insures total electrical reliability...a unique electrical system that puts the entire antenna at DC ground for maximum static removal and lightning protection... rugged, heavy duty, all-weather construction rated to withstand winds up to 100 mph. For maximum "Talk Power"—greatest readability—you'll want a CLR2...a bargain in power at \$29.95 Net.

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Under present rules part 19.32 the FCC does not provide for more than 5 watt input in the Citizens Radio Service (26.965-27.225 MC Band).



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