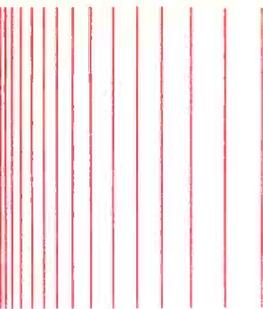


FLASH! FCC SETS EFFECTIVE DATE FOR NEW RULES—P.68

S9



APRIL 1965

50¢

the citizens band journal

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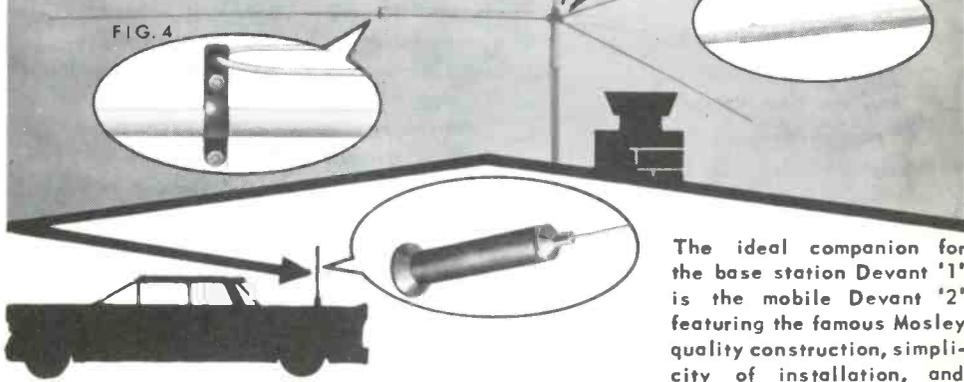
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FEATURES

They Never Came To Pass Tom Kneitel, KBG4303 7
 A few ideas which died a-bornin'.

All About CB Monitoring Robert McAire, KIC7608 9
 How to listen for emergency calls, effectively.

CB'ers Who REACT Paul Meyerhofer, KHH4055 13
 Match up your mobile, and suffer.

CB Skip Working License Richard Saunders, KHB4307 15
 Have you seen these yet?

Build A TVI "Sniffer" Dick Turpin, KCF2700 16
 Easy way to check that TVI.

How To Hear DX Bob Wood 19
 Making the most of a receiver.

A CB Pin William Latch, KCI6808 21
 Look what can be made from an unwanted crystal.

Last Call! 32
 All aboard for the "Who's Who" book.

CB Coming Events Calendar 53
 The facts on 50 CB jamborees coming up for you.

PRESS TIME FCC FLASH!

FCC Finally Announces New CB Rules 68

DEPARTMENTS

Reader Mail 4

Editorial/Tom Kneitel 7

On The Counters 25

Lab Reports 29

Antennas/Len Buckwalter, KBA4480 38

Kyle's Korner/Jim Kyle, KEG3382 41

CB Chit Chat/John Krejc, KBI8077 46

Part 15 Korner/Dean Detton 54

Card Swappers Unlimited 57

SWL Shack/Rick Slattery 63

CB Casebook/Lee Aurick, KCD5514 65

Washington Outlook 66

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READER MAIL

contest. We were very fortunate in winning the *Contact 23* rig given away as first prize by USL and we couldn't be happier. We have subscribed to S9 for less than a year, but you can be sure that the subscription will be renewed in the Spring. It surprises me each month how you come up with so many interesting articles and such pertinent data. I have only two complaints—the issues should have more pages and come out every two weeks.

Robert W. Koski
Ashtabula, Ohio

OUR WORDS NOT IN VAIN

Tom:

I want to congratulate you for your efforts in not being bulldozed or blackmailed in your efforts to tell the truth about the so-called "national CB club" which has been causing such a commotion. The group was highly solicited in this area and many people paid their money but never received their membership cards or any literature from them.

J. W. Adams, KEB2231
Fayetteville, Ark.

Dear Sir:

I wonder why S9 Magazine makes so many critical remarks about CB organizations and any type CB publications other than S9. It appears that S9 is reporting only half-truths and is determined to condemn any efforts to insure the continuous[sic] of this service. Criticism from outsiders not familiar with CB is hard enough to overcome, but criticism from within our own ranks is unforgivable.

John Schell, KDE4689
President
Middle Georgia CB Radio Club, Inc.
Macon, Ga.

Mr. Schell, it seems that you feel the CB service should not be criticized from any direction. It would seem to me that criticism is the first step before correction. If you feel that there are no corrections needed in the CB service then I suggest that you share your rose colored glasses with some of the people at the FCC who regularly run for the Excedrin at the mere thought of CB—or some of the CB'ers who have been fleeced by one or more of the crackpot "national" organizations who took or are taking up collections to finance "CB Marches on Washington" and other "hate the FCC" antics.

A WINNER

Dear Sir:

My wife and I would like to take this opportunity to thank United Scientific Labs and S9 for the recently ended "Send a QSL to USL"

FINDING FUNDS

Dear Sirs:

I agree that the FCC should receive more funds (S9, February, p. 7). They don't receive enough to keep things running on an even keel. One thing they might do with additional funds, so long as we are paying for our licenses anyway, is to let us keep our callsigns when we renew our licenses or move. Not that we CB'ers all mind paying our \$8 fee so long as it helps to pay for such things as mice and mosquito research, and to send lame duck politicians on trips around the world, but at least give us a break too and let us keep our callsigns. The ham operator keeps the same callsign as long as he wants it—why can't the FCC's records be set up to give this same treatment to CB'ers (who pay more for their licenses anyway)? What can be done about this?

I'm enclosing my check for a subscription to S9.

Robert Dupras, KLN9666
Detroit, Mich.

Any comments out there in reader-land?

FROM THE HAM BANDS

Dear Tom:

I was very active with handling messages and emergency traffic during the recent Pacific northwest floods. I would not have been able to deliver some of this traffic had it not been for KLA3333 and his CB rig. Along with helping me he has kept many people from thinking that their family and friends were killed in the floods.

Jim Robinson, WB6GVI/N0WZW
Eureka, Calif.

Gentlemen,

May I congratulate you on your Channel 9 project. I think that CB'ers are doing a fine job and I don't feel ashamed, as a ham operator to join them. Please send me two "Monitor 9" decals.

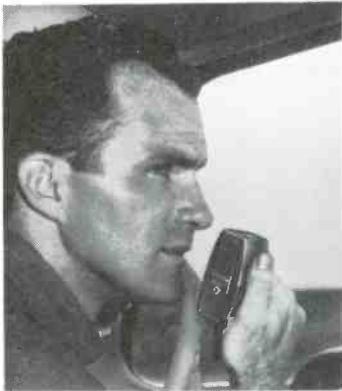
Gilbert Velez-Borrero, W3YYO
Philadelphia, Pa.



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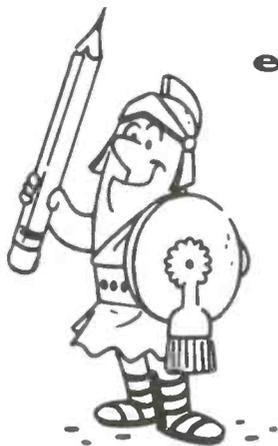
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editorial

KBG4303 rides again!

by TOM KNEITEL
EDITOR, S9

WHAT MIGHT HAVE BEEN

The other day I got to thinking about some of the ideas for articles and S9 projects which never got off the ground for one reason or another. Some of them would have been pretty interesting too, that is if we had received sufficient cooperation to see them come into being.

For instance, we did an article on CB'er Peter Lind Hayes—it ran almost a year ago and we are still getting mail on it. Peter was a swell guy to interview and gave us a top story. Shortly thereafter we learned that a former Hollywood and radio personality was a CB'er; that would certainly make a dandy follow-up story to the one we did on Hayes. True, the Hollywood fellow is a bit of a has-been, but he *was* sort of funny in his day and everyone over the age of 25 knows him and since he's a CB'er, etc. So we wrote to him. That was many months ago; we are still awaiting an appointment for the interview. You would of enjoyed it. We have a few other show biz personalities on the hook for future stories.

Then there was the time we saw CB being used on the now off-the-air TV show "Naked City." We immediately called ABC-TV and they showered us with cooperation, providing S9 with a nifty photo layout of the CB rigs being used. Last month we asked CBS-TV about some shots of the radio gear used on their "Munsters" show. They came with the photo we used on our March cover. In between we had also *tried* to do stories on two other shows, one a situation comedy which frequently shows CB equipment and the other a weekly mystery-adventure series. Apparently it was felt that they didn't require additional publicity. Both of these potentially interesting stories fizzled before they were even born.

Next we had the case of one of the New York World's Fair exhibitors (a beverage manufacturer) who uses CB radio extensively on the fairgrounds. This really would have made an interesting story, we even offered these folks a chance to furnish us with a photo for our cover of someone standing by a CB rig and ruining his teeth by guzzling down a bottle of their swill. It turned out that we were given such a run around by the company's employees that we eventually gave up in sheer exhaustion and disgust.

Then we come to the best of the lot. We had worked out a public safety program with a chain of major radio stations, a project which would have dramatically proven the service which CB can offer to the community; proven it to the FCC, proven it to the many scoffers who shake their heads and chuckle at the mention of CB. It would have also placed CB radio before the public and given it its rightful place as a vital communications tool. *Everything* was a plus—the people at the broadcasting company spent considerable time and effort with S9 staff members working out details so that everything would gel. When asked, the people at the FCC said that, while there *could* be a few problems which might pop up with the idea, the project appeared to be worthwhile and would serve a definite public need. While the type of operation we suggested was not specifically covered in Part 95, the Commission people told us that since it was in the public interest they would not have objections to the program. The broadcaster, nevertheless, asked the Commission to send some sort of written confirmation that the project met with the FCC's approval. Days turned to weeks and finally the Commission had decided that, while

Continued on page 67

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WHAT YOU SHOULD KNOW ABOUT:

CB "MONITORING"

A CB'ERS GUIDE TO COMMUNICATIONS EFFICIENCY

by ROBERT McAIRE, KIC7608

Probably one of the best pieces of advice we can give to anyone who is interested in maximum CB communications is: transmit as little as possible; and listen carefully before transmitting.

Now transmitting isn't generally the problem—we all know full well what it is *we* wish to send—the stickler is determining the meaning of the transmission from the other station, especially if his signal is "in the mud" or is being clobbered. Half of the frantic "emergencies" handled by CB'ers could be either avoided or greatly simplified if the operators would just take the time to listen carefully before grabbing the mike button.

If you're really interested in helping out in emergencies we'll be happy to pass along some hints on how to set up a *real* CB communications/emergency monitoring station—together with how to perform a public service with this equipment.

Hopefully, the CB'ers in your club or in your area have decided to go along with the idea that Channel 9 is the *National CB Calling and Emergency Channel*, and is to be used only for making an initial contact before switching to another channel to pass along the actual message. The only other proper use of the channel would be to use it for communicating with itinerant mobile units seeking aid or advice, where the mobile unit might not have any other channel in common with the base station. Anyway, we presume that if you've gotten this far into this article you are sufficiently interested in better CB communications to have already adopted Channel 9 for local monitoring so there's no point in belaboring the subject here.

We suggest that for *maximum* efficiency in monitoring Channel 9 you have a rig constantly tuned to 9; yes, a second rig other than the one normally used for your communications. While it's *always* good to have a stand-by transceiver hanging around the shack in case of minor disaster with the main rig, it's sort of an expensive deal to go out and purchase a new transceiver which has no function other than to monitor 9. What about a second hand unit? Most dealers always have a few in stock. What about bor-



Here's a monitoring station set up for maximum efficiency. On the left (top to bottom) the channel 9 unit (in this case a Pearce Simpson GUARDIAN 23), a Regency MR-10 high frequency police receiver, and a Regency Flight Monitor; on the right is a USL Contact 23 transceiver atop a Lafayette HE-80 communications receiver. At the far right, our cover girl, Susan Henriksen.

rowing an unused unit from a friend? If it is a club which is to do the monitoring, surely some member has a rig which is no longer being used. The reason we are suggesting a transceiver rather than just a receiver alone is that it's far more convenient to communicate with the fellow who needs help on 9 while still being able to contact other units (perhaps to direct them to the scene of an accident, etc.) on a secondary channel. If the second rig isn't possible, you can still get by with a receiver alone.

SPEAKING OF RECEIVERS

Actually, you can do a lot with a communications receiver than using it for monitoring Channel 9. Besides the advantage of being able to tune the international short-wave broadcasting bands, you can monitor the marine calling and distress channel, 2182 kc/s; or possibly one of the Coast Guard channels, or any of the many other emergency service frequencies. Many's the time an alert CB'er was able to assist safety agencies by bringing an emergency to their attention.

For monitoring police and fire services, or aircraft emergency services, you will need one of the many low cost "special service" receivers available from such manufacturers as Lafayette, Allied, Hammarlund, Regency, or Utica. The bands you will want are 30 to 50 mc/s and 150 to 170 mc/s for police, fire,

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155.235, 155.265, 155.28, 155.325, 155.34, 155.355, 155.385
155.4, 157.47 mc/s

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37.78, 37.82, 37.86, 47.7, 47.72, 47.74, 47.76, 47.78, 47.82,
47.84, 47.86, 47.88, 47.9, 47.92, 47.94, 47.96, 47.98, 48.0,
48.02, 48.04, 48.06, 48.08, 48.1, 48.12, 48.14, 48.16, 48.18,
48.2, 48.22, 48.24, 48.26, 48.28, 48.3, 48.32, 48.34, 48.36,
48.38, 48.4, 48.42, 48.44, 48.46, 48.48, 48.5, 48.52, 48.54,
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power utility and other emergency services and also 110 to 140 mc/s for aeronautical. Contrary to what many people will tell you, it is *not* illegal for you to monitor police calls (some states have regulations against such receivers *in cars*, however) so long as you do not reveal the contents of the transmissions.

The ideal monitoring station would then consist of: two CB rigs, a general coverage receiver, and one or more "special" receivers for VHF communications services.

WHERE

Next thing to think about is *where* to listen for emergency communications. We list here *some* of the channels used by the more interesting emergency services. The exact frequency assignment for your own local or state police, fire, power utility, etc. station can be obtained by contacting the agency directly. (If this isn't possible, send a letter to me at S9 and tell me which agency frequencies you need, enclose a self addressed post card, and be certain to mention the name of the county in which you are located.) Registries of all kinds of communications stations (public safety, transportation, business band, etc.) are published by *Radio Publications, Inc.*, P.O. Box 629, Mineola, N. Y. The registry of public safety stations is \$8 and



Keeping a log is always standard operating procedure at a well operated monitoring station. Here, a station gets logged in to be made part of the permanent records of the station.

lists all state, county and city police and fire stations, also other emergency services licensed by the FCC. Mailing address, number of mobile units, type of equipment and frequencies are given. For further information about these registries, contact Mr. Ed Newman at *Radio Publications*.

KEEP HANDY

At your monitoring station you would do well to keep a list of the following telephone numbers: Doctor, Automobile Emergency Truck, local REACT, Sheriff, Police (local and state), Hospital, Power and Light Com-

Continued on page 67



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REACT

We couldn't pass up the opportunity to show off some CB installations which are now in use by REACT teams in the District of Columbia-Maryland areas.

The photos, which were all taken by John F.

deHuarte, KK10038, represent installations of *The South East REACT Scuba Team*, affiliated with the *Hillside Underwater Rescue Recovery Unit (Co. 6)*; and the *Tri-County REACT Team*.

S9



This is the CB station of John F. deHuarte, who (when not seated behind this neat operating table) is a full time color photographer for Uncle Sam. During WWII he was a radio operator, so he's had many hours behind a mike.



The mobile unit of Bob Bridges, KCG2486, of the Tri-County REACT Team. The unit is equipped with a 23 channel rig, a PA system, a sound system, police and fire call monitors, 117 VAC power supply—all neatly mounted below the dash.



The interior of the mobile unit of Walter L. Spittels, KJF0333. Walt has been a scuba diver with the Prince Georges County Rescue Team for three years. Besides the CB rig (23 channels) and a fire call monitor, Walt's mobile unit houses other gear for a total investment of about \$450.



Rear deck of the mobile unit of KJF0333—note that the unit sports three antennas cut for different bands, plus portable PA system, fire extinguisher, and all the other trimmings necessary for rescue work.

new... all Transistor...23 Channel CB TRANSCEIVER

23'er



Look at these FEATURES!

- Full 23 channel coverage – crystal controlled, all crystals furnished
- Completely solid state – 25 silicon transistors, 6 diodes, 1 Zener
- Exclusive Squires-Sanders impulse (ignition) Noise Silencer
- Ultra sensitive receiver
- Crystal band bass filter for exceptional selectivity
- Big 3 x 5 front facing speaker – with provision for external speaker
- Clean, clear audio, 4 watts max.
- "High talk power" transmitter with SS Speech Booster
- Transmitter-On Indicator
- Provision for instant conversion to Public Address service
- Power 12V DC-Negative Ground – Separate 115 VAC Power Supply
- Compact 8" x 3½" x 7" - light weight - 4 lbs.
- Mobile mounting bracket and ceramic cartridge microphone included.
- FULL 5 WATTS INPUT TO TRANSMITTER

The 23'er citizens Band Transceiver combines many of the latest Squires-Sanders unique technical innovations – provides POSITIVE CONTACT CB communication under circumstances where conventional CB equipment just can't pull through. No need to stand by waiting for overloaded channels to clear – the 23'er has all twenty three available at the turn of a switch, and all necessary crystals are included. Operating the 23'er is simplicity itself – optimum performance is achieved in its design without extra knobs to adjust. Set the channel selector, pick up the mike and talk. That's it, unless you are mobile and ignition noise is fierce – then, flick on the exclusive Squires-Sanders Noise Silencer for clean reception of even the weakest signals. The price of the 23'er is an easy to take \$235.00 (no extra crystals to buy) and the AC Power Supply \$24.50.



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Manufacturers of
HF Amateur Equipment and *Clegg* VHF Amateur Equipment

LATEST THING TO HIT THE BAND

by **RICHARD SAUNDERS, KHB4307**

We received a number of letters from readers asking if we had ever seen or heard of a "CB Skip Working License" which seems to me making the rounds in CB-land. Well, quite frankly, we hadn't—but we were willing to try and track it down.

It turns out that the "CB Skip Working License" is the brain child of none other than Jim Cross, KCF0823, of Custom QSL's, 755 South Potomac, Hagerstown, Md. Jim uses these as part of his QSL business and says that their whacky off-beat humor has really gone over big with CB'ers. He gave us permission to reproduce the "license" here for S9 readers—both in Canada and the States. By the way—the whole thing is strictly for kicks.

Operator must carry this license at all times, otherwise must sit back and be silent even if she or he has run out of tranquilizers.

CB SKIP WORKING LICENSE

**Bureau of
PUBLIC
NUISANCE**

LICENSE NO.

Issued by
R. U. Kidding

VALID FROM
196 to 196
Expires When
Citation is
Received From
F.C.C.

Name

Address

City

This is to certify that the character herein named has passed all tests for emotional instability and is licensed to irritate F.C.C. monitors anywhere below sea level.

ATTESTED BY

Operator must carry this license at all times, otherwise must sit back and be silent even if she or he has run out of tranquilizers.

CB SKIP WORKING LICENSE

**Bureau of
PUBLIC
NUISANCE**

LICENSE NO.

Issued by
R. U. Kidding

VALID FROM
196 to 196
Expires When
Citation is
Received From
D.O.T.

Name

Address

City

This is to certify that the character herein named has passed all tests for emotional instability and is licensed to irritate D.O.T. monitors anywhere below sea level.

ATTESTED BY

THE TVI SNIFFER

THIS THING TAKES MUCH GUESS WORK
OUT OF THE TVI QUESTION

by DICK TURPIN, KCF2700

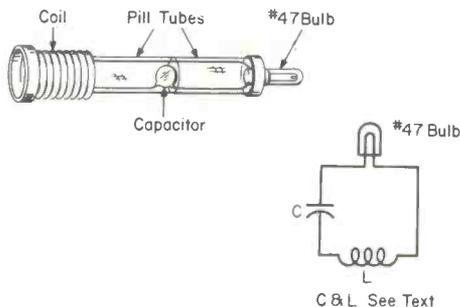
Besides the fact that it's illegal to radiate a CB signal outside the confines of the CB frequencies, the TVI which is frequently caused by these unwanted signals constitutes a social (and frequently a health) hazard to the poor CB'er. Of course, it is often the case that TVI is the result of a CB rig in the neighborhood, but not because of any fault of the CB operator or his rig. Some TV sets just aren't capable of rejecting CB signals from their IF strips and "10-4's" pour in all over *Bullwinkle Moose* and *Katy Winters*.

Frequently, by the time the CB'er has determined that the TVI is not due to any improper operation of his rig, he has frequently invested considerable money in low pass filters—all to no avail, because if there was nothing wrong with his rig in the first place, all the corrective measures in the world won't make any difference to the TV receiver.

The little gadget described here costs a few pennies to construct, or no pennies if you happen to have some of this common radio material around your shack. It is capable of sniffing out whiffs of TV Channel 2 TVI in your transmitter—and you can be certain that if it lights up then you are flirting with trouble with both your neighbors and the government.

All it is is a fixed-tuned absorption wavemeter tuned to TV Channel 2. When you flip on your carrier and hold the device near the tank coil of the transmitter, the bulb in the circuit will glow if the circuit senses TV Channel 2 interference coming out of your rig—and TV Channel 2 is by far the most common problem with CB'ers because it is on 54 mc/s, the second harmonic of a 27 mc/s CB signal.

The *TVI Sniffer* is housed in a $\frac{1}{16}$ " plastic pill container 2" long (actually two of them back to back to equal 4"). Around the top end of one of the containers we wind 8 turns of #22 enameled wire in a coil $\frac{1}{2}$ " long. The bottom of the container is removed. To one of the leads (which should be kept as short as possible, and run inside the tube by means of two holes on op-



posite sides which are made with a heated pin) solder a 10 ufd mica or ceramic capacitor.

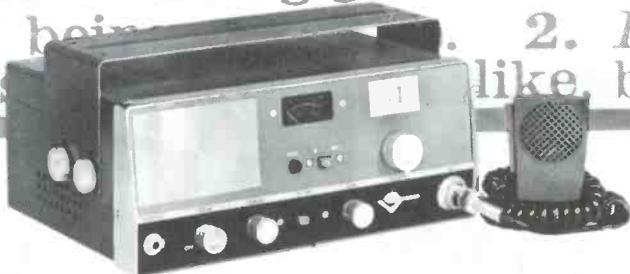
Into the cap of the second plastic tube, a #47 pilot lamp is fit. Cut the cap so that the lamp makes a snug fit. Two wires are then soldered to the bulb. Cut off the bottom of the tube, then place the cap on the tube and solder the two wires from the bulb to the wires from the coil—still keeping the leads as short as possible. The two plastic tubes are then welded together by plastic glue. That's it. If you have a grid dip oscillator you can double check the operation of the device by seeing if it resonates at 54 mc/s. One turn more or less on the coil should be sufficient to bring the unit into resonance—take off a turn to raise the resonant frequency, add one to lower it.

With the transmitter on, and the mike button pushed, slowly advance the *TVI Sniffer* towards the tank coil of the transmitter. The bulb end should be in your hand, with the coil end towards the tank coil. It will not be necessary for you to actually touch the tank coil with the *TVI Sniffer*—but if the bulb starts to glow you can be pretty well certain that somebody, somewhere is enjoying CB the expensive way—on a TV receiver. Naturally, you are expected to exercise reasonable caution when doing any poking around high voltage transmitter circuits.



***se·lec·tive** (sĭ lĕk'tĭv) *adj.*

having the function or power of selecting; making selection characterized by selection. *1. Radio.* having good selectivity of being... *2. Elect.* like, by vi



*CONTACT! - 23

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The Contact!-23 has achieved exceptional selectivity through the use of a true Mechanical Bandpass Filter — similar to that found in far more expensive ham equipment.

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You get crystal control on all 23 channels, both Transmit and Receive, via a synthesized circuit — all crystals included.

- Illuminated, angled front panel
- Built-in speech compressor
- Fine tuning
- Illuminated S & RF meter
- Modulation indicator
- Transistorized power supply, 12V and 110V
- Cigar lighter plug-in
- Electronic switching
- Earphone jack
- PA system jack

Complete with: microphone, cords and snap lock mounting brackets.

USL CONTACT!-23 \$19950



USL CONTACT!-8 \$14950

Illuminated, angled front panel. 23-Ch. tunable receiver with illuminated dial. 8-Ch. crystal-controlled transmit & receive. 1-Ch. external crystal socket—transmit & receive. Transistorized power supply. Illuminated S & RF meter. Crystal spotting. Electronic switching. PA system jack. Complete with: microphone, cords, 1 pr. of crystals and snap lock mounting brackets. Cigar lighter plug-in, easy to install. Nuvistor low noise front end.

USL T 1050 A \$11995



23-Ch. tunable receiver with illuminated dial. 6-Ch. crystal-controlled transmit & receive. Illuminated S & RF meter. Crystal spotting. Earphone jack. Nuvistor low noise RF front end. 6V or 12V power supply available (optional extra). Unit comes complete with: microphone, AC and DC cords, 1 pr. of crystals and mobile mounting brackets. Squelch & full series noise limiter. TVI trap. Signal-to-noise ratio: better than 10 db at 1 microvolt. Full plate modulation.



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DEMCO

"Satelite" base station



23 channels

specifications

TRANSMITTER

- 23-channel crystal control switching—(Channel 9 supplied)
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- Cathode-ray modulation indicator
- "Calibrate" switch position for simplified precision receiver tuning
- Second overtone crystals for maximum efficiency
- 5 tubes plus 3 silicon diodes

RECEIVER

- .1 microvolt sensitivity cascode amplifier with 6R-HH8 (improved version of 6DJ8)
- Dual conversion IF
- Automatic Volume Control for fast-acting, positive control
- New! Local-distance switch with exclusive audio-compressor position to prevent overload from nearby stations.
- Series-gated noise limiter
- Squelch opens at 1-microvolt signal
- 5 fixed "receive" channels with band-spread tuning and overall 23-channel continuous tuning

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- Measures SWR
- Meter does not consume power and may be left permanently connected

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(Its matching Satelite Power Modulator, a compression audio amplifier, doubles effective "talk power" of your signal without increasing wattage output.)

Ask your Demco dealer to show you the Satelite Base Station now! And while you're there, ask about the Traveler Transceiver and other fine CB equipment by Demco. Or, mail in the coupon for further information.

Demco Electronics, Inc. / Bristol, Indiana

Please rush details and specifications on Satelite Base Station.

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Address _____

City _____ State _____ Zip No. _____

HOW TO DX

YOU AND SHORT WAVE LISTENING

by BOB WOOD

Been looking at all those countries logged in the "SWL Shack?" Perhaps you would like to get into this very enjoyable pastime. Actually, all you need to do it is to get a receiver and tune across the bands. But if you want to get the real DX, then perhaps a few listening tips would be in order.

Let's start with the antenna. For best results, try to get it as high and long as possible. Most are around 30 feet above ground, however, and even an extra 20 feet can make a lot of difference. We have found that one of the best "skyhooks" for DXing is the simple dipole as outlined in Fig. 2. The over-all length of antenna wire is on the order of 100 feet long, and is split in the middle with an insulator. The method of feeding the antenna varies with local conditions. If you live in an electrically disturbed neighborhood use RG-59U. The center conductor is soldered to one leg of the antenna, and the shield to the other. At the receiver end, the inner conductor goes to the antenna terminal, and the shield to the ground. If you have 3 terminals, join the middle one and the ground together. For best results in quiet locations use 72 ohm "ribbon-lead." This is available from mail-order suppliers. 300 ohm TV lead-in will also work. It is connected to the antenna and ground terminals if just 2 are on the receiver. If you have 3, as most do, connect it to the two antenna terminals (antenna and middle one).

If you cannot erect a long antenna, try a vertical. Suspend the wire from two insulators. At the bottom connect the center conductor of RG-58U coax to the antenna, and the shield to a good ground (the better the ground, the more efficient it will work). See Fig. 3. One advantage of the vertical, aside from being compact, is that it favors the "low angle of radiation" as received from DX stations. This means the nearby stations will be weaker, however the DX will come in as strong or stronger. This will reduce interference from other stations.

Now you must learn how to DX. Concentrate on the "hot" bands. The chart in Fig. 1 gives them. Stay with the weak stations. If you lose them, stick with it. If, however it has gone, come back the same

POPULAR BANDS

49 meter band	5.9-6.3 mc
morning and evenings, especially winter nights.	
31 meter band	8.6-10 mc
nights.	
25 meter band	11.7-12 mc
nights.	
19 meter band	14.6-15.4 mc
afternoons, and summer evenings.	
16 meter band	16.4-18 mc
afternoons, and summer evenings.	
13 meter band	21.5-22 mc

Fig. 1

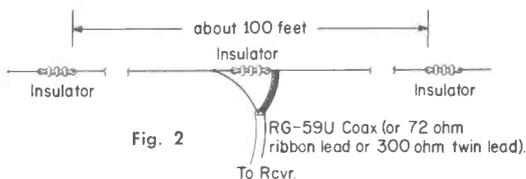
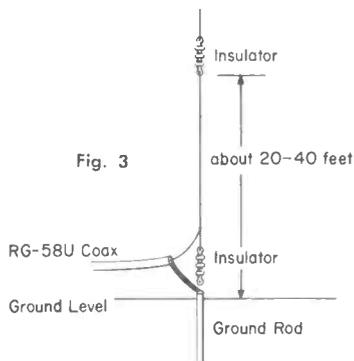


Fig. 3



time next day. Eventually you will be able to "log" it. Above all, have patience!

Learn how to use your receiver. Each control has some significant use. Spend a couple nights investigating them. Adjust each carefully. This is one of the most important points in trying to get those rare stations!

Finally, to gain more knowledge, join a good radio club, read S9's "SWL Shack," talk to fellow SWL's, and learn how to DX. Don't be afraid to take your time. Also burning of the midnight oil will net you some real nice stations. Try it and see!

S9

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24 ~~23~~ FEATURES

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including all crystals, mounting brackets, power cords and noise-cancelling microphone

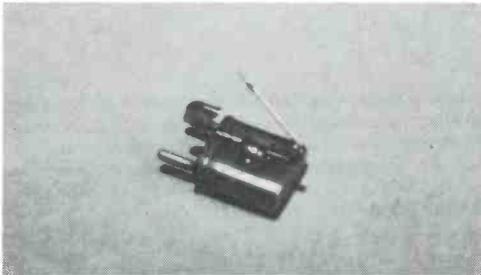
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City State

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dept. S4B, 56 hamilton ave., white plains, n. y.

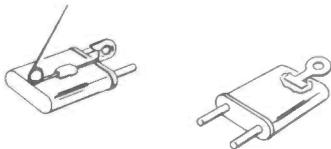
World famous manufacturers of quality CB & BB equipment including Courier 1M, Courier 23, Courier 12, Courier 30B, Courier 50 FM, Port-A-Lab, Transistorized Power Supply, Linear Amplifier.

AN UNWANTED CRYSTAL MAKES A *CB Pin*



What do you do with a "dead" CB crystal? What do you do with a crystal which was made for a rig you no longer have, or for a channel you don't need? If you are like most CB'ers, you'll toss it into some kind of cardboard box and stick it in the back of a drawer—only to be found when you do Spring cleaning. Toss no more, here's a way to turn that unwanted little capsule into something useful—a piece of unique CB jewelry.

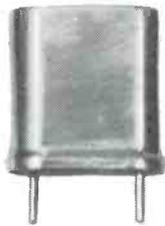
First suggestion, take a safety pin and simply solder it to the crystal can, as shown in the illustration. We used one of the medium sized silver ones for the prototype, but one of the tiny gold pins will probably be less conspicuous. The pin solders to the case easily, all you need is a pair of pliers to hold the pin in place while you solder. The crystal case should stay put, but if it tries to wander off while you attach the pin, then stick it down with a piece of *Scotch* tape.



You can either leave the completed pin in its original aluminum color or touch it up with color. Suggested colors: gold, bronze, or any of those wild fluorescent colors such as "International Orange," etc. The gals go for the bright colors, while the more sedate bronze jobs look neat on a man's lapel.

Another item made for the ladies is a charm for a bracelet. All you do is solder a soldering lug to the top of the crystal, and paint it or plate it. It looks a lot better than it sounds. Try it as a pendant too.

GUARANTEED 100%



**GOLDEN
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FASTER DELIVERY

Count on JK replacement crystals: each crystal is tailored to the transceiver you own and exceeds FCC standards. Each crystal is triple-tested before prompt shipment from JK's huge stock, and 100% unconditionally guaranteed to you. JK GOLDEN LINE C/B CRYSTALS are priced competitively with makes of lesser quality, lower performance rating. See your JK dealer for the best-buy in crystals.

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Allows you to use a shorter antenna with greater efficiency and convenience. Flexible, high-strength, molded fiberglass core with exclusive Static Sheath*. Helical conductor with uniform current distribution, top loading, and precise 52-ohm match. Easy single-hole mounting. Can be located on upper portion of vehicle, such as trunk, fender or hood to obtain sufficient ground plane for proper radiation. Performance is far superior to whip and loading coil combinations. HW-11 Series in 18-in., 3 ft., 4 ft. and 6 ft. models.

Precipitation Static is caused by charged particles in the air impinging in a continuous stream on metal antenna radiator surfaces. The patented MARK Static Sheath is a tough durable, dielectric plastic covering that eliminates this static interference.

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22 • April 1965

(Advertisement)

CB IN ACTION

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



Many thanks to Patrolman Howard S. Hatt for another fine award winning CB in ACTION story. Here is a story showing CB functioning at its best—as an emergency communications network. A new COMPANION II is on its way . . . and keep up the good work, Howard!

"Dear Les:

I am a police officer in the City of Birmingham, Michigan, and here is a story for your CB in ACTION column. I came to work on the date of this story (I work the Radio Dispatch Desk) just as the report of a holdup came in. The story is about a brother police officer and a CB buddy.

"This is the account of an armed robbery on June 1, 1963, of a Super Market in S. Woodward in the City of Birmingham and how CB Radio was used in apprehending the holdup man . . .

"About 2:10 P.M., Patrolman Jerry Roddewig of the Birmingham Police Department was on his way to work when he heard a report of the holdup over the police receiver in his private car. The radio broadcast gave the description of the wanted car. As Jerry approached the intersection of Maple and Eton Roads, he observed the described car as it passed him going the opposite way. He made a U turn and followed the car east on Maple toward the city of Troy. Using the CB radio in his car (KHG1972) he contacted 19A7576 (a base station in the city of Royal Oak) who in turn called the city of Troy Police by phone and relayed the location of the holdup car as Jerry gave it to him. Jerry followed the holdup car to a shopping center in Troy where the holdup man parked his car and started to enter the drug store. This is when Jerry apprehended the man. At this time several police from Troy and Clawson arrived at the scene to assist Jerry.

"Hope you can use this story in your CB in ACTION column as it proves that CB radio can be a very necessary means of EMERGENCY COMMUNICATIONS and not just a TOY TO PLAY WITH.

Yours,
Howard S. Hatt
KLM0649
487 Smith Street
Birmingham, Michigan"

WIN A COMPANION II

You can win a new COMPANION II with your CB in ACTION story. Simply tell us how you helped an individual or your community with CB. Write to Les Hench, National Sales Manager, PEARCE-SIMPSON, INC., 2295 N.W. 14th Street, Miami, Florida 33125.

59—GUARANTEED Largest CB Circulation!

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23'er



Look at these FEATURES!

- Full 23 channel coverage – crystal controlled, all crystals furnished
- Completely solid state – 25 silicon transistors, 6 diodes, 1 Zener
- Exclusive Squires-Sanders impulse (ignition) Noise Silencer
- Ultra sensitive receiver
- Crystal band bass filter for exceptional selectivity
- Big 3 x 5 front facing speaker – with provision for external speaker
- Clean, clear audio, 4 watts max.
- "High talk power" transmitter with SS Speech Booster
- Transmitter-On Indicator
- Provision for instant conversion to Public Address service
- Power 12V DC-Negative Ground – Separate 115 VAC Power Supply
- Compact 8" x 3½" x 7" - light weight - 4 lbs.
- Mobile mounting bracket and ceramic cartridge microphone included.
- FULL 5 WATTS INPUT TO TRANSMITTER

The 23'er citizens Band Transceiver combines many of the latest Squires-Sanders unique technical innovations – provides POSITIVE CONTACT CB communication under circumstances where conventional CB equipment just can't pull through. No need to stand by waiting for overloaded channels to clear – the 23'er has all twenty three available at the turn of a switch, and all necessary crystals are included. Operating the 23'er is simplicity itself – optimum performance is achieved in its design without extra knobs to adjust. Set the channel selector, pick up the mike and talk. That's it, unless you are mobile and ignition noise is fierce – then, flick on the exclusive Squires-Sanders Noise Silencer for clean reception of even the weakest signals. The price of the 23'er is an easy to take \$235.00 (no extra crystals to buy) and the AC Power Supply \$24.50.



Order No. 86SX772 23'er Transceiver, 86SX773 AC Supply

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EASY TERMS: Use our Credit Fund Plan

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The Brand New CB-9 six channel CB transceiver

- Ideal for business and personal communication.
- Six crystal-controlled transmit and receive channels, plus full tuneable receiver with spotting switch.
- Accurate, easy-to-read "S" Meter built in.
- Complete, ready to operate either base or mobile, including all power cables and hardware.
- Hallicrafters "drop down" chassis for simple installation, instant crystal-changing or service.
- Accommodates all CB-3 Series accessories including HA-11 "Racket Buster" noise eliminator, HA-12 Selective Caller.
- Full 100% modulation capability, five watts input.
- Sensitivity 1 microvolt for 10 db. signal-to-noise ratio.

Write for complete specifications

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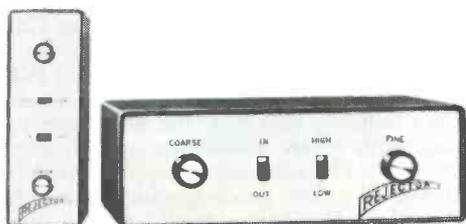
Dealer franchises available in selected territories. Write for information.

Export: International Div., Hallicrafters. Canada: Gould Sales Company, Montreal, P. Q.



ON THE COUNTERS

Design Industries, Inc., P.O. Box 6825, Medical Center Station, Dallas, Texas 75219, sent S9 a handsome brochure on some really swell looking radio equipment consoles which are designed for mounting military, Civil Defense, and other types of radio gear. These would make even the most complicated looking radio gear welcome in the living room of any home. Ask them to send you their color booklet.



A tunable notch filter has been announced by Galaxy Electronics, 10 South 34th Street, Council Bluffs, Iowa 51504. Called the "Rejector," this filter contains seven transistors designed to improve reception on any transceiver or receiver by suppressing heterodynes, QRM, ignition noise, background noise, etc., by more than 40 DB. The only connections necessary are in the leads to the rig's loudspeaker and the filter may be cut out of the circuit when not required. A special feature of the unit is a reversible front panel plate which permits the device to be mounted in either a vertical or horizontal position. Price is \$34.95.

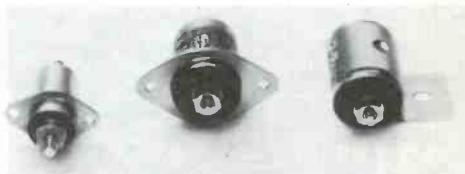
Bulletin NT-106 from New-Tronics Corporation, 3455 Vega Avenue, Cleveland, Ohio 44113, describes the complete line of new base station and mobile antennas (plus accessories) from that company. It's available free of charge to all S9 readers.

A new type of solid state vibrator eliminator for heavy duty communication equipment is being offered by I. E. H. Manufactur-



ing Co., 102 Prince St., New York, N. Y. Known as the Vi-Tran II, it will replace the standard 4-pin vibrator in either 6 or 12 volt gear running from 5 to 25 watts. It is available at \$9.95 per unit in versions with pin #1 either positive or negative.

The "Ten Twenty" Directory is now out, listing the names, calls, and addresses of all second call area CB'ers licensed through the end of 1964. In handy 6 by 9 inch size, it fills about 200 pages and sells for \$3 (post-paid) from Ten-Twenty Publications, P.O. Box 454, Rahway, N. J. 07065. Tell them S9 sent you.



Genistron, Inc., 6320 West Arizona Circle, Los Angeles 45, Calif., tells us about their new line of RF capacitors for the suppression of RF interference in fixed and mobile radio communications gear. The manufacturer claims a number of interesting advantages over existing units designed for similar service and will be pleased to tell you about what these capacitors will do for your specified interference problems. Write to them.

A new item for CB'ers is the GC CB Alignment Tool Kit #9210, selling for \$4.89 from

10-4

all the way...!

NOW... punch
through QRM
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Waters

CLIPREAMP™



Give your CB signal up to 4 times the talk-power and intelligibility with new Waters CLIPREAMP. Punch through the hash of QRM with this solid-state clipper-preamplifier. Compact and self-powered, CLIPREAMP connects externally between microphone and transmitter (mobile or fixed station) in just minutes. Front panel control adjusts Compression-Level to individual requirements. At your distributor now.

\$2195 (less 9-volt battery)



WATERS
MANUFACTURING INC.
WAYLAND, MASSACHUSETTS

GC Electronics, 400 South Wyman St., Rockford, Ill. The kit, now being used by many CB manufacturers, aids in tuning up IF transformers, RF coils, antenna and oscillator coils, and countless other intricate adjustments that may be required.



A low cost CB rig was just announced by Hammarlund Manufacturing Company, Inc., 73-88 Hammarlund Drive, Mars Hill, N. C. Dubbed the CB-212 by Hammarlund, it provides 6 fixed transmit/receive channels, a 117VAC/12VDC power supply, ½ uv sensitivity, adjustable squelch, a panel meter and electronic switching. More details from Hammarlund if you write.

International Crystal Manufacturing Co., 18 North Lee, Oklahoma City, Okla. has a neat looker in the brand new EXECUTIVE 440 transceiver which features 23 channels. With a radically new look, the 440 comes on strong with ½ uv sensitivity, speech clipping, 6/12/115 volt power supply, squelch, and lots of other goodies which certainly make it look like it should sell for more than its \$259.50 price. Pound on your dealer's door until he shows it to you—or write to Uncle George at International and tell the old rascal to send you literature FAST!

Walkie-talkie units for Part 15 operation have come on the market from the Len-Mar Company, P.O. Box 912, Corvallis, Oregon 97330. Called the "Twins," a pair sell for \$30 (plus postage) per pair—but S9 readers can purchase them at a special price of \$23 (plus postage). Specs include 100 mw power, operates from 9 volt battery, obtains high sensitivity with three transistors. More than ½ mile range.

A studio quality omnidirectional microphone has been brought out by Shure Brothers, 222 Hartrey Ave., Evanston, Ill. Called the Model 571, the output level is -60.5 DB (0 DB=1 mw with 10 microbars) with a frequency response of 50 to 10 kc/s. It will match any low impedance input from 50 to 250 ohms. List price is \$95. Literature is available from Shure.

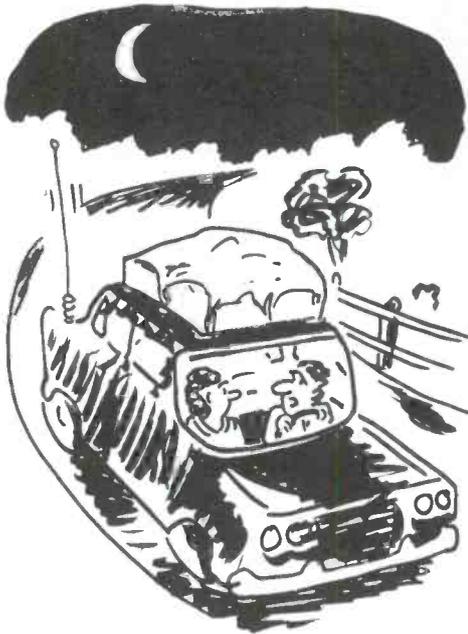
EICO, 131-01 39th Ave., Flushing, N. Y. 11352, is offering a "short form" catalog of

HALE 'N HEARTY

by ALVIN HALE



"Okay, 'Itzy-Bitzzy-Fly-As-Fast-As-You-Can,' I've got a surprise for you too—you forgot to turn your CB transmitter off!"



"Make with some nagging about the CB rig Sophie—like at home, I'm falling asleep."

THIS MONTH'S BRAINWASHING: *Subscribe!*



For maximum range from your C.B. equipment...

specify *Hy-Gain's* Gain Performance **MARINE TOPPER** Completely packaged - Ready to install

Hy-Gain's Marine Topper brings you optimum performance and maximum reliability from your Citizens Band equipment. Designed for mounting on any wood or fiberglass boat, it develops 1.5db of omnidirectional gain. The sleek, trim, high-flex stainless steel Marine Topper with its thin-line Topper capsule permanently encapsulated in polyethylene plastic is designed to operate independent of ground thus eliminating the need for radials or ground plane. Its overall height is 54 inches.

Over and above superior performance characteristics, the Marine Topper offers mechanical features galore—a "flick-of-the-wrist" quick-disconnect fitting for fast, easy removal of the antenna—a special molded high impact cycolac plastic mount designed to distribute strain over a large



area to prevent fatigue or damage to boat decks—rust and corrosion resistant materials and hardware throughout for lasting durability. It comes completely packaged, ready to install with Topper antenna, mount, quick-disconnect, PL-259 connector and 12 ft. of coax cable. Net weight, 3 lbs. Available from Hy-Gain Distributors the world over... specify Hy-Gain Model TQMA \$19.95 Net

Send for your copy of Hy-Gain's Citizen's Band Catalog... 16 pages of performance-packed antennas and accessories... base station and mobile.



HY-GAIN ELECTRONICS CORPORATION

8443 N.E. Highway 6
Lincoln, Nebraska

all of their kits. It's 48 pages long, fully illustrated and will be a handy item around the shack.



A new lightweight noise-cancelling carbon microphone has been designed by Roanwell Corp., 180 Varick St., New York, N. Y. The RM-515 will cancel an average of 18 db of ambient noise and it is claimed to have improved intelligibility over other available comparable units. Frequency response is 300 to 3.5 kc/s, and it has a PTT button.

Our old friends at Erroll Engraving, P.O. Box 411, Westfield, Mass. 01085, will send all dealers who write to them a big listing of their clever CB "goodies," consisting of buttons, bages, signs, cloth patches, stickers, QSL's, name badges, etc.



KBD1767



CO2TV

And speaking of old friends, we wish to offer hearty congratulations to two of S9's oldest friends who have just been promoted to vice presidencies at *e.c.i. electronics communications inc.* of White Plains, N. Y. First is Dick Lehman, KBD1767, who is now in charge of marketing. Our other new executive is Miguel Santana (old time 6 meter hams will know Miguel as CO2TV from pre-Fidel days) who is about the sharpest man with a slide-rule ever seen in a CB engineering department.

For you QSL fans, you can get a far-out catalogue from Custom QSL's, 755 S. Potomac St., Hagerstown, Md. 21740. Send 25¢ and ask for the "Jamboree Special" catalogue, it's a goldmine of whacky cartoons and designs.



GUARDIAN 23

23 CHANNEL CB RADIO • \$299.50

- Transistorized universal power supply • Dual conversion superhet receiver with low-noise Nuvistor front end • RF gain control, tone control, and noise limiter switch • Automatic speech clipping
- Illuminated "S" meter, channel selector and modulation indicator
- Superior squelch circuit • Two stage TVI filter • Special close tolerance crystals • Full 5 watt legal input operating at 50% of capacity, insuring long component life and tremendous power reserve for overload protection.

OTHER
PEARCE-SIMPSON
AWARD-WINNING
CB MODELS



The "ESCORT"
8 channels
(23 chan. trans./receive
W/ext. xtl socket)
\$229.95



The "COMPANION II"
5 channels
(23 chan. trans./receive
W/ext. xtl socket)
\$189.50



PEARCE-SIMPSON, INC.
MIAMI, FLORIDA

NEW

FROM PEARCE-SIMPSON

GUARDIAN 23

23 CHANNELS — featuring Pearce-Simpson's exclusive HETROSYNC® circuitry. Two signals are combined instead of the usual three providing outstanding stability and maximum protection against spurious signals. Precision hand-wiring, utilization of electronic components that far exceed industry standards, rigid quality control, comprehensive testing and tuning and a final, exhaustive *individual* performance test assure you of the finest that electronic technology can produce. For that BIG CB signal see the Guardian 23 at your dealer today!

PEARCE-SIMPSON, INC. S-465
2295 N.W. 14th Street • Miami, Fla. 33125
Please send full information and model specifications
for the Guardian 23, Escort and Companion II

Name
Address
City State

S9 Lab Reports

THE HARTMAN MARINE

CONVERTER MODEL MC-62

Hartman Marine Electronics, 30-30 Northern Blvd., Long Island City 1, N. Y., gave us a chance to check out their Model MC-62 "Ship to Auto" converter recently—something which should prove to be of interest and use to many CB'ers.

This device, which operates on its own self-contained battery, mounts beneath the dashboard of a vehicle and permits you to use your regular marine band (2 to 3 mc/s) receiver. It switches in and out of the circuit so that the auto broadcast radio may still be used as a standard receiver.

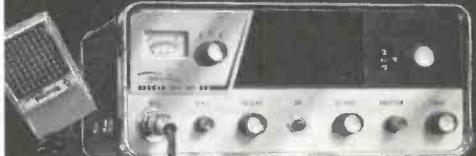
Installation consists of mounting the unit under the dash (no holes to drill), plugging your car antenna into the rear of the converter and the converter into the car radio. Adjusting the car radio antenna trimmer will "peak" the converter's operation for maximum, but is not an absolute necessity. The unit is mounted under the dash through one of the unused holes the auto manufacturer drilled when the car was made. A mounting screw is welded to the top of the converter and a wing nut and washer are provided so that the unit can be bolted to the dash in a few minutes. The whole installation job, including mounting, plugging and unplugging cables, and peaking the receiver, takes about 10 minutes.

The converter itself is finished in white enamel with black trim, and the frequency conversion information needed to pre-set your receiver is provided on the front panel, along with the on/off switch. Your car receiver hears the signals "reversed," that is, the stations near 3 mc/s are heard at the 550 kc/s end of the car radio, with the 2 mc/s signals being heard near the 1600 kc/s end.

Within this band you can hear on the converter, you can listen to numerous Coast Guard channels, a number of police stations, a Navy frequency, the various "Marine Operators" who handle ship-to-shore telephone calls

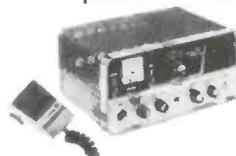


Pick it up.
Turn it on.
Enjoy the
thrill of
DSBRC.*



Coverage? Our new Range Gain Transceiver has Regency's exclusive Double Side-Band Reduced Carrier.* It gives you four times more range than ordinary equipment under normal conditions. Puts stations you couldn't even reach before . . . just a whisper away. Gives you, as well, crystal-controlled transmission and reception on all 23 CB channels. And a Double-Conversion Superhet Receiver. Plus all these other features you've come to expect from Regency: *Metered Control* • *Built-in Crystal Filter* • *Delta Tuning* • *Automatic Noise Limiter* • *Adjustable Squelch*. Complete and ready to operate on all 23 channels—AC and 12V DC \$269.95

Special Offer! New Romper



For a limited time only get the best deal in CB today—our new Romper plus 23 crystals for crystal-controlled transmission and reception on all channels . . . for just \$189.95 (normally \$232.90). Write for more information. Complete, ready to operate, AC and DC cords, microphone \$189.95

A 12-month warranty with every Regency Transceiver!

Regency Electronics, Inc., 7905 Pendleton Pike, Indianapolis, Ind. 46226

FREE CHANNEL 9 MONITORING DECAL!

BIG!!!
3 inches



Yes, you can now boost CB Channel 9 as the National CB Calling & Monitoring Channel with this large red, white, and black decal on your windshield! Can be seen by all mobile units to let them know where you are listening. These large decals sell for 50¢ each but to help kick off the Channel 9 program on a national basis we are giving one away free with each new S9 subscription and renewal—all you do is mark your subscription order "Decal" to get these *while they last!*

Besides the jazzy decal, you will be signed up to receive the next 12 (or more) issues of S9—the "official CB radio publication" throughout the U.S. and Canada; the largest circulating and oldest established CB publication "what am." So double your pleasure, double your fun, get twice as much magazine for the price of just one! And don't forget to clip us for one of these Channel 9 decals—and tell the gang where you got it too!

A postpaid subscription form and envelope is located towards the rear of this issue.

along the U.S. and Canadian coastlines and Great Lakes, and many ship-to-ship channels. Also covered are frequencies used by a number of emergency radio stations.

For the CB'er who is interested in keeping tabs on the International Marine Calling and Distress channel, or on any of the other vital radio services operating in the 2 to 3 mc/s band, the Hartman MC-62, priced at \$19.95 is a dandy aid. Sensitivity of the unit is sufficient to drag in just about any signal on the band (it's actually better than many shortwave receivers). We liked the Hartman MC-62 and think you will find it one of the better units available for "marine band" monitoring at any price.



GANG WAAAAAY!!!

NUSSBAUM'S FOLLY! The printer goofed on our last order and ran off 3 times the amount of our famous wild CB QSL cards than we wanted. We refused to pay for the extras and can now pass these savings on to you. You never saw cards of this quality 175 for only \$1. All you do is add your name and callsigns and they look better than cards costing many times this price. Order; enjoy, enjoy.

S.NUSSBAUM 1440-54St. Bklyn, N. Y.

"Your Friendly Supplier"



OFFERS

THE hallicrafters CB-7 CB TRANSCEIVER



The CB-7 is a six channel CB Transceiver, ready to operate either base AC or mobile 12 VDC, with all power cords and mounting bracket. It uses a new all-electronic push-to-talk circuitry. Features the same "drop-down" chassis as the CB-3A and accommodates all the CB-3A accessories; HA-9 "S"-Meter, HA-11 Noise Eliminator, and the HA-13 Receiver Tuning Device. CB Net \$99.95

WE STOCK THE COMPLETE
HALLICRAFTERS LINE OF
EQUIPMENT AND ACCESSORIES
Time Payment Plan Available

We stock Leading Brands of New CB Transceivers; plus complete stock of Fixed Station and Mobile antennas & accessories. Check with us for your CB & Electronic requirements.

DEALER INQUIRIES INVITED

Evans RADIO

P.O. BOX 312 FONE 603-225-3358 CONCORD, N. H.

●●●●●●●●●● CLIP AND MAIL ●●●●●●●●●● CLIP AND MAIL ●●●●●●●●●●
PLEASE RUSH THE ITEMS CHECKED BELOW! YOUR CB SELECTION IS GREAT!

(FILL IN COUPON AND CHECK ITEMS WANTED, SEND TO WRL)

NAME _____ CALL _____

ADDRESS _____

CITY _____ STATE _____

CASH CHARGE (new customers please send credit info for charge orders)

RUSH ME THIS ITEM

**WRL'S GREAT NEW "DX'ER"
 2-WEEK HOME TRIAL!!!!
 MONEY-BACK GUARANTEE***

*Less transportation charges
**THE BEST CHOICE FOR
 BASE OR MOBILE STATION**

- Full 5 watts power—fully modulated
- Built-in 3-way power supply
- One model for 6V/12VDC/117VAC operation
- Illuminated "S" and modulation meter
- Double conversion superheterodyne receiver
- Plug-in ceramic mike, coil cord, push-to-talk
- Easy access for crystal changing



\$119.95

\$6.00 MONTHLY

MANY DELUXE FEATURES:

- ✓ ALL CHANNEL TUNING
- ✓ 12 CHANNEL TRANSMIT
- ✓ CRYSTAL SELECTOR
- ✓ UNIQUE CRYSTAL "SPOT-QUICK" CONTROL

RUSH ME THIS ITEM

**NEW WRL WT-1000
 3 TRANSISTOR
 PLEASURE TIME
 WALKIE TALKIE!!!**

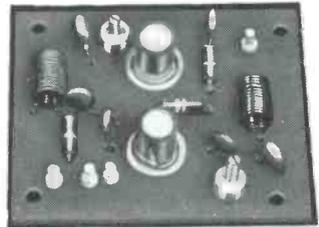
**\$10.95 NO MONEY DOWN
 \$20.50 FOR MATCHED PAIR**

- FACTORY WIRED—no soldering—no mess
- No license needed—no age limit
- Handsome, compact—weighs 10 oz.
- Offers up to 1/4 mile on-the-move communications
- Includes battery & telescoping antenna



RUSH ME THIS ITEM

POSTPAID



**IMPROVE CB RECEPTION
 SATISFACTION GUARANTEED**

\$11.95 CB Preamplicor Model NA-27

New...Compact...CB Preamplicor...Guaranteed to improve reception of any CB receiver. Uses two 6CW4 nuvistors offering up to 20DB gain on RECEIVER SIGNALS. Ready-to-install into any CB unit. **MDNEY-BACK GUARANTEE!**

WRL

**WORLD RADIO
 LABORATORIES**

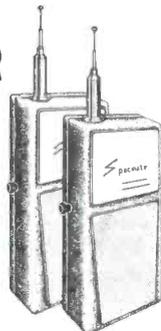
3415 WEST BROADWAY
 COUNCIL BLUFFS, IA. 51501

RUSH ME THIS ITEM

**WRL "SPACEMATE"
 DELUXE 9 TRANSISTOR
 CB WALKIE TALKIE**

**\$34.95 NO MONEY DOWN
 \$29.95 EA. IN PAIRS**

- FOR HOME—PLEASURE—SPORTS—INDUSTRY
- Operating range—1 to 5 miles under ideal conditions
- No license or test required
- Includes leather carrying case, battery & antenna.



●●●●●●●●●● CLIP AND MAIL ●●●●●●●●●● CLIP AND MAIL ●●●●●●●●●●

LAST CALL!!

DON'T GET LEFT IN THE COLD

This is our third and final call for getting all the vital statistics on you and your CB station in the first and only "Who's Who" directory of CB operators—a book which will contain "the inside story" on the other fellow on the band, information which has never before been available in callbooks.

All we need to put such a directory together and send it on its way to fame and immortality is—*YOU!* Yes, the only one who can give us accurate information on you and your CB operation is none other than little old you. To obtain this information, we offer here a questionnaire which you may complete and return to our offices so that we may "set you in type." This form will be published only this month and next month, and clubs are requested to run it in their newsletters (together with the information on how to submit the form to us). If you don't wish to cut your copy of S9, you may duplicate the form in ink or typewriter. The absolute last day we will accept these forms in our office is April 18th, 1965.

Each CB'er listed in the directory has a chance to pass along to the CB world a 50-character message (letters, numbers, and spaces count as one character). This message might be something like: "The coffee pot is always on," or "All QSL swap re-

quests answered 100%," or "Let's swap tape recordings," or "Give us a buzz when passing through Omaha." We reserve the right to edit any messages which in our opinion are either in questionable taste or outside the scope and spirit of the publication.

We are making every effort to include in this directory only those CB'ers who are going to list accurate information and not make attempts at being funny with clever answers to the questionnaire. We are therefore asking that when you return the form, you enclose \$1 in cash, check, or money order (which will be put towards printing the book). This \$1 will be deductible from the final sale price of the book—so if the final price should turn out to be, say, \$3—those listed in the book would pay only \$2. Husbands and wives wishing two separate listings can submit both together for \$1.50 (this would still allow \$1 off the price).

In order to be listed in the 1965 "Who's Who in CB" Directory, do the following, and do it *NOW!* Fill out the form which accompanies this article (you may skip any questions which you don't want to answer), enclose \$1, send this to: "Who's Who in CB," % S9 Magazine, 14 Vanderventer Avenue, Port Washington, N. Y. 11050. Remember, the faster we get this information from you, the faster we can go to press!

"WHO'S WHO IN CB" QUESTIONNAIRE

IT IS NOT NECESSARY TO ANSWER EVERY QUESTION, BUT PLEASE TYPE OR PRINT PLAINLY IN INK FOR ALL QUESTIONS YOU DO ANSWER. TO BE LISTED IN THE 1965 "WHO'S WHO IN CB" DIRECTORY, RETURN THIS FORM AS SOON AS POSSIBLE (BUT NOT LATER THAN APRIL 18th, 1965) TO "WHO'S WHO IN CB," c/o S9 MAGAZINE, 14 VANDERVENTER AVENUE, PORT WASHINGTON, N. Y. 11050. ENCLOSE \$1, WHICH YOU MAY DEDUCT FROM THE FINAL SALE PRICE OF THE BOOK SHOULD YOU DECIDE TO PURCHASE IT.

CB Call: _____, Name: _____

Address: _____

City: _____, State: _____, Zip: _____, Tel. No. _____

Occupation: _____, Hobbies: _____

Wife/Husband's name: _____ Do you swap QSL's? Yes , No

CB Club(s): _____, I monitor channel: _____

Former CB calls held: _____ Ham call: _____ band: _____

Message (50 characters maximum; letters, numbers, spaces count as 1 each); all messages are subject to editing at our discretion: _____



THE INCOMPARABLE PACE

—for ultra-reliable CB communication

You get the unique, all-silicon transistor design, which generates very little heat, allows continuous operation in hot or cold weather, and cuts battery drain to a new low.

Exceptional performance. The Pace 5000 gives dependable communications to 20 miles. With its high receiver sensitivity and double noise limiting circuits, unit provides excellent reception even of weak signals.

Small size—only 6 $\frac{5}{8}$ " wide by 2" high by 8" deep... up to 50% smaller than other makes. In car use, you won't have to sacrifice leg room.

Versatile—one basic radiophone serves all your short-range communication needs. The 12-volt unit is convertible to 6-volt operation, or any other dc voltage, as standard. Also convertible to base station or portable use, at low cost.

Regulated power supply gives peak performance at any engine speed—any battery condition.

The Pace 5000 is in-house tested... 24-hour life tested... checked out 100%. Compare it and you'll agree that it outperforms any CB set on the market. Send for Bulletin 5000. Price: \$250. Available through authorized Pace distributors.



PACE COMMUNICATIONS CORP. ■ 520 W. 182 STREET, GARDENA, CALIFORNIA 90247 ■ (213) FACULTY 1-3340

NEW! LAFAYETTE DUAL-CONVERSION DELUXE 9-TUBE C. B. TRANSCEIVER Model HB-200

Successor to the Famous Lafayette HE-20C



Made in U. S. A.

109⁵⁰
42-0118WX

Limited but never duplicated . . . Lafayette scoops the industry again with the finest in Citizens Band Communications at a price you can afford.

- 9 Tubes plus 3 Silicon Diodes plus 2 Crystal Diodes for 17-Tube Performance
- Super Sensitivity—1 Microvolt or Less
- 8 Crystal Receive Positions plus 8 Crystal Transmit Positions plus 23-Channel Tunable Receive
- Push-to-Talk Microphone
- Dependable Relay Switching
- Illuminated Meter with 3-Position Switch
- Adjustable Squelch
- Spotting Switch
- Built-in 117 Volt AC Power Supply with 12 Volt DC Mobile Transistorized Power Supply
- With Bracket Handle, Push-to-Talk Ceramic Mike, Pair of Transmit and Receive Crystals for Channel 15 plus Crystal for Dual Conversion

NEW! LAFAYETTE MODEL HA-115 AUDIO COMPRESSOR AMPLIFIER FOR CITIZENS BAND-TRANSCEIVERS

3 ACCESSORIES IN ONE COMPACT UNIT

- 6, 12 or 117 Volt For Mobile or Base Transceivers
- Illuminated Meter Directly Reads Modulation Percentage
- Completely Pre-Set and Pre-Tested
- Printed Circuitry — Advanced Design
- Works With All Popular CB Units
- Simple Installation
- Increased Intelligibility Over Static, Noise, Adjacent Stations
- Better Modulation for Older Units
- Increased Talk Power For CB Operation

25⁹⁵
42-0117 WX



Made in U.S.A.

NEW! LAFAYETTE 2-WATT 2-CHANNEL C. B. "WALKIE-TALKIE" Model HA-300 WITH VARIABLE SQUELCH



99⁹⁵
2-for-194.95

- Range up to 10 Miles
- Plug-in Battery Changer with Self-Contained Rechargeable Batteries
- 13 Transistors, 2 Diodes
- Fully Crystal Controlled
- Full-Time Automatic Noise Limiting Circuit
- 10-Section Telescopic Antenna
- Complete with Nickel Cadmium Batteries, Battery Charger, Earphone, Crystals for Channels 10 and 15, Leather Carrying Case • Imported



EARPHONE

CARRYING CASE



BATTERY CHARGER

NICKEL CADMIUM BATTERIES

LAFAYETTE HB-115A PUSH-TO-TALK CITIZENS BAND TRANSCEIVER

FULL 5-WATT INPUT!
FULL VALUE

59⁹⁵

Made In U.S.A.



42-0101WX

- 12 Tube Functions, Plus 1-Diode, Plus 2 Silicon Rectifiers
- 8 Crystal-Controlled Transmitting Positions
- Tunable Superheterodyne Receiver Over All 23 Channels
- Electronic Push-to-Talk Switching
- Push to Talk Ceramic Microphone
- Pi-Network for Maximum Power Output

- External Speaker Earphone Jack on Front Panel
- Full-Wave Variable Noise Limiter
- Separate On-Off Power Switch
- Supplied with Channel 14 Transmitting Crystal
- Attractively Styled, Ruggedly Built

Grand Opening of Our NEW Store
MT. RAINIER/HYATTSVILLE, MD.
3189-91 Queens Chapel Road

NEW! MIDTOWN NEW YORK, N. Y.
71 W. 45 St.

OTHER LOCATIONS

BRDOKLYN, N. Y.
2265 Bedford Ave.

NEWARK, N. J.
24 Central Ave.

NEW YORK, N. Y.
100 Sixth Ave.

PARAMUS, N. J.
182 Route 17

JAMAICA, N. Y.
165-08 Liberty Ave.

PLAINFIELD, N. J.
139 W. 2 St.

SCARSDALE, N. Y.
691 Central Ave.

BOSTON, MASS.
584 Commonwealth Ave.

BRONX, N. Y.
542 E. Fordham Rd.

NATICK, MASS.
1400 Worcester St.

Mail Order and Sales Center
SYOSSET, L. I., N. Y.
111 Jericho Turnpike



FREE!

Mail Coupon For
1965 Catalog No. 650
Over 500 Pages!
Featuring Everything In C.B.

Lafayette Radio Electronics
Dept. S9D5 P. O. Box 10
Syosset, L. I., N. Y. 11791

- Send me the FREE 1965 Lafayette Catalog 650
- \$..... enclosed; send me #.....
(Prices do not include shipping charges).

Name

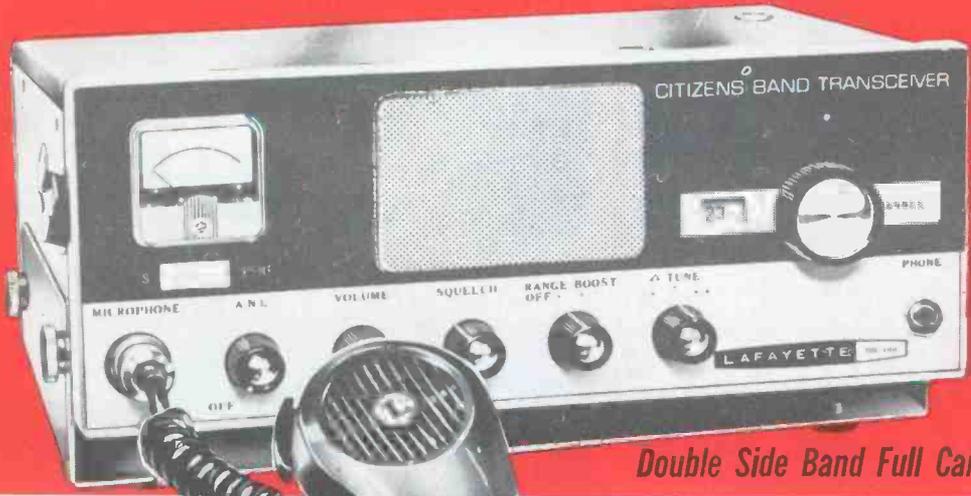
Address

City State Zip

LAFAYETTE

NEW! LAFAYETTE 23-CHANNEL CRYSTAL-CONTROLLED DUAL CONVERSION 5-WATT CB TRANSCEIVER

WITH ADVANCED "RANGE-BOOST" CIRCUIT



Double Side Band Full Carrier

Model
HB-400
99-3001WX

169⁵⁰

- ✓ 17-Tube Performance with 13 Tubes
- ✓ Low Noise Nuvistor "Front End"
- ✓ 5 Double-Tuned If Transformers
- ✓ Meets All FCC Requirements

- Frequency Synthesized Circuit Provides 23 Crystal-Controlled Transmit & Receive Channels—No Extra Crystals to Buy!
- Continuous One-Control Channel Tuning
- Full 5-Watt Input
- Push-To-Talk Microphone & Electronic Switching
- Dual Conversion Receiver With $3/10 \mu\text{v}$ Sensitivity
- Delta Tuning Offers "Fine Tuning" of $\pm 2.5\text{Kc}$ on Receive
- Illuminated "S" and RF Output Meter
- Variable Squelch, Variable Noise Limiter, AGC
- Built-in 117V AC & 12V DC Power Supply
- "Vari-Tilt" Mounting Bracket for Easy Mobile Installation
- Plug-in Facilities For Lafayette Selective Call Unit

Efficient, dependable 2-way communications in any fixed or mobile application is assured with this rugged, new 5-watt CB transceiver. A military-type frequency synthesizing circuit makes it possible to transmit and receive over the full range of 23 channels with crystal-controlled accuracy—no extra crystals to buy and install!

Efficient circuit with 13 tubes and 8 diodes offers maximum transmitter power output . . . high receiver sensitivity—plus every feature CB users want!

Operates in a fixed or mobile location with equal ease . . . has built-in power supply for either 117V AC or 12V DC. Specially designed "Vari-Tilt" mounting bracket simplifies mobile installation—permits fast removal of the transceiver too! And, there's nothing else to buy—you get all crystals, push-to-talk ceramic mike, and a built-in vibrator for 12V DC, plus 2 power cables. Measures a compact 12Wx5Hx10"D.

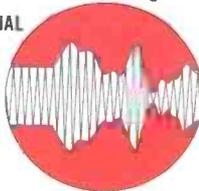
ADVANCED "RANGE-BOOST" CIRCUIT

Increases Your Effective Range—Lets You Get Through When Others Fail!

Want to effectively increase your range? You can—with Range-Boost! A simple turn of a switch on the HB-400 increases the average percentage of modulation and lets your voice cut through QRM and noise to reach further . . . gives you more "talk-power" when you need it—without overmodulating!

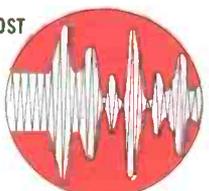
CONVENTIONAL

Average Percent-
age of Modulation
Is Lower



WITH RANGE-BOOST

Average Percent-
age of Modulation
is Higher—Side-
band Power is In-
creased



Headquarters For Citizens Band Equipment

NEW! LAFAYETTE ALL-TRANSISTOR DUAL CONVERSION 5 WATT CB TRANSCEIVER

FEATURING AUTHENTIC MECHANICAL FILTER

Model HB-500



99-3027WX

139⁵⁰

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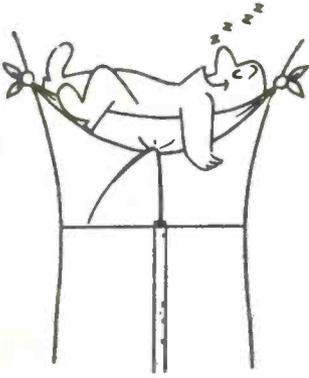


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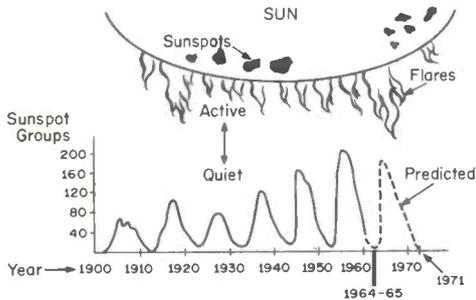


ANTENNAS

by LEN BUCKWALTER, KBA4480

SOL SHUTS UP

He's only average size, somewhat on the faint side, and rather cool compared to his hefty cousins. But he's Sol, our sun, and deserves attention. He can make or break radio communications. Right now, in fact, more than 60 nations around the world are hot on the trail of Sol's peculiar behavior. Every 11 years the sun furiously kicks around radio signals. In between, it pulls back into its shell and shuts up. At this time, we're squat in the middle of the sun's silent period. The scientists call it the "International Years of the Quiet Sun;" referring to 1964-65 when solar electrical activity bottoms out. It gives the scientists a good opportunity for taking certain measurements. It affects the CB'er too.



Periods of low solar activity tend to reduce skip signals in the band. Thus, if you're having good local communications now, enjoy it. Interference from skip signals should start picking up. Don't expect it right away—the process will take about five years to reach firecracker level. This can be seen in Fig. 1, a chart of solar activity from 1900 to 1971. Those peaks and dips show the average number of sunspots sighted. Sunspots appear as small, dark blotches on the sun's surface, though actual size is often measured in billions of square miles. The important aspect of sunspots is that they give a clue to solar activity. When a great number appear, the sun lashes out huge flares that thrust electri-

cal energy to earth. This indirectly aids signal skipping. In some instances they produce a complete radio blackout for hours or days. As you can see on the chart, 1965 reveals an extremely low sunspot level near 10. But what's going to happen in a few years? That average number will shoot up near 200. Skip, noise and other radio disturbances should significantly increase.

If you trace the chart from 1900 on, you'll note that the number of sunspots seem to be increasing for each successive peak. This may not be actually true. Scientists explain that observation techniques are much improved these days. So the increase may merely mean that more are being sighted during each peak.

What can be done about it? Skip interference at its worst tends to last for just a short period each day. Antennas of low radiation angles help somewhat. They are usually less sensitive to signals arriving from higher skip angles. Directional beams are also selective—rejecting everything except signals arriving from one narrow direction. The final choice: wait until 1971, the year when Sol once again grows silent.

APRIL

... is a famous month. Thomas Jefferson was born, Lincoln assassinated, All-Fools Day and Easter arrive. But April also blows in drippy weather that tries to put your antenna at half-mast. Time to climb? Yes, if you want to be a Flying Wallenda. No, if you're crafty and play Sherlock Ohms. Some antenna troubles can be spotted from inside the shack, while you keep warm by the heat of the rig.

The secret's in a little instrument that can look up the line, peer among the antenna elements, then flash back news of what's up, what's down. This is no new electronic gadget from Goldfinger. It's your SWR meter. (You don't own one? Go back to tom-toms.) Measuring standing waves with a meter shouldn't end after an antenna's first in-

stalled. The instrument is fine for checking on the antenna's condition at a later date. A raft of problems created by the weather-beaten antenna system tend to show up as higher-than normal SWR readings. Among them are bent or broken elements, short circuits, open connections and poor electrical contact between element sections. The same general defects in coax line also may boost SWR and reflect back signal that should be going up, not down.

If the SWR reading is not higher than about 1.2 to 1, this is fair assurance that the system's working well. The reading, however, is most meaningful if you recall what it was when the antenna system was first installed and known to be operating at high efficiency. Then, if future readings creep up, you'll be signaled that it's time to rise to the occasion.

BACK TO THE CAVES

Of all the fuzzy-buzzard antenna claims ever made, this one wins hands down. Once every two years, someone claims that a wire buried in the ground beats all other antennas.

Underground antennas aren't new. The signal's conducted in the earth. And the Navy pours signal into the ocean to communicate with underwater nuclear submarines. But these systems are strictly low frequency. Plant a 27-mc signal in the ground and it won't come up smelling like roses.

So how come Digger Dan talks to other CB'ers through his ant-like antenna? The answer could be a combination of luck, length and lots of allapoloosa. Just look at the front and back elements of a CB beam, or even your TV antenna. Those rods are usually riveted directly to a metal boom, or cross-arm. The boom in turn bolts to the mast, which may be grounded. This would appear to short-circuit those outer elements to ground. They do, but not for the signal. In travelling through a conductor, the signal forms loops of voltage and current. It's at a voltage loop that short-circuiting can occur. Thus, the outer elements of a beam can bolt directly to ground with no ill effect; they attach where current is high, voltage low. (In a typical CB or TV beam antenna, voltages are highest at the element tips.)

Back to the underground antenna. Since the earth forms a poor conductor at 27 mc, the signal must be coming off the lead-down wire. That is, if certain conditions are met. Most important is whether a current or voltage point exists where the wire is inserted into the ground. This depends on the wire. If accidentally cut on or near a favorable length, the wire could place a current loop at ground level.



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Hope all your antennas are holding up in the April showers. Down here in my part of the country the showers are sometimes accompanied by gentle zephyrs sometimes as high as 80 to 100 MPH—which makes antenna installation a bit adventurous, not to mention making it almost an annual affair for most of us.

However, as I write this it's still winter, with a couple of inches of snow outside—and only one of this month's questions deals with antennas.

12-VOLT RIG, 6-VOLT VEHICLE

We have Lafayette HE-20C transceivers which as you know operate on 12 VDC and 117 VAC. We recently acquired an amphibian truck and would like to equip it with CB utilizing the transceiver we have already purchased.

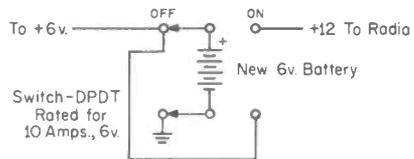
The problem arises with the fact that the electrical system of the "duck" is 6 VDC. Since we are working within a very limited budget, I would like to know if we can step up the electrical system reasonably to 12 VDC to accommodate the HE-20C and a 12-volt PA system, or drop the voltage of these two to 6 VDC. We would like to retain 12 VDC operation also, but do not need 117-volt capability.

Some of the suggestions we have received either don't seem practical, take up too much valuable space, or aren't economically feasible (keep in mind that we can spend only a maximum of \$10 for the conversion). They include (1) dual 6-volt batteries wired for 12-volt output, (2) an inverter, (3) an additional truck generator, (4) a complete 12-volt system, and (5) a gasoline generator.

Can you help?

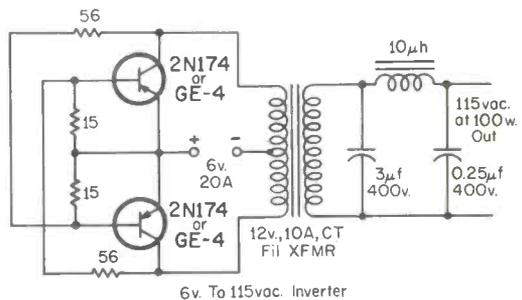
T.W.G., Brooklyn, N. Y.

Seems like you've already had to reject the best ways of doing the job. The double-battery idea is really the simplest and best way to solve your problem, and if you scout around for an old trade-in battery you ought to be able to make the whole conversion this way



Raising 6v. To 12 For Mobile Rig

for much less than \$10. I have a schematic somewhere around here which shows how you can hook the extra battery in with a DPDT switch (which also becomes the master on-off switch for the installation) so that whenever the radio is off the extra battery is being charged, and when the radio is on it gets 12 volts from the two batteries in series. If you can find the room, this is by far the best (and cheapest) way out. The extra battery won't have to supply too much current, about 10 amps at the most, so it can be a very small one. Haunt the junkyards!



6v. To 115vac. Inverter

Number 2 on my list of possible solutions is to build up a 6-volt to 117-VAC inverter, using the circuit shown in the other schematic. This one would cost you quite a bit more, though. The transformer alone would eat up your budget, and the transistors cost from \$3 to \$5 each, depending on how lucky you are. I really think you'll find the double-battery route the best.

APARTMENT-HOUSE TVI

My neighbors are complaining that they hear me on their TV sets; others say they pick up waves and lines caused by my CB set. I live in an apartment house with about 150 other tenants who each have separate TV antennas on the roof.

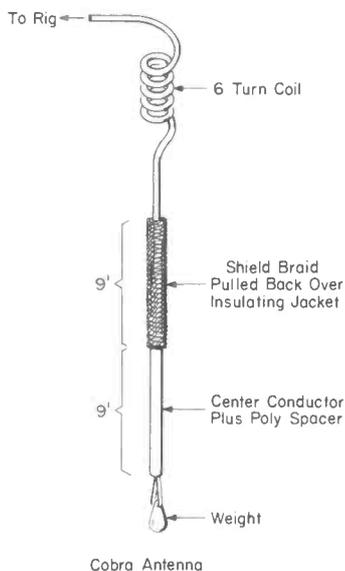
I've tried about everything I could think of; low pass filters (every kind I could find, up to \$17.50 each) but with these filters I still notice the lines on my set and assume that my neighbors are still getting them too. I have adjusted the TV trap on my transceiver but still cause same. Last night I wired a line filter, but that didn't help.

Can you help? My landlord has told the superintendent to tell me to take my antenna off of the roof!

R.S., Forest Hills, N. Y.

Ouch! That rooftop sure must be crowded. And yours is one of the biggest TVI problems I've yet heard of.

Technically, it's simple enough. Since some of them can hear you, and the rest are getting lines or bars across the screen, it's your audio getting in that's doing the damage, not your RF. This kind of interference is known as audio rectification, and is a fault of the receiver suffering it, not of the transmitter which is heard. Which means that technically, and so far as the FCC is concerned, you have no problem.



Cobra Antenna

Unfortunately, the simplest answer so far as the landlord is concerned is the one he has chosen; to tell you to shut down, rather than tell everybody else that it's the fault of their

receivers! Your signal can be trapped out of the TV sets, but it would take a tuned trap filter right at the input terminals of each TV set involved, and that's an awfully large number of filters. J. W. Miller Co. makes such a filter as their catalog number 6166, but it sells for \$5 each, which means that if you set out to get them for everybody you'd be out \$750. I can't really recommend this route!

You don't say how high off the ground your apartment is. Getting your antenna off the roof actually would help in this case, by making your signal that much weaker at the TV antennas. If you're on the third floor or above, you can hang a "cobra" antenna made of coax out the window and not lose much performance. I would recommend that you switch to this antenna, if possible, and get in touch with the TVI committee to find out about getting high-pass filters for the neighbors' TV sets. And the best of luck—you need it!

MULTIPLE MOBILE ANTENNAS?

The "Signal Squirter" (December issue) intrigues me; I have a few questions, if you will be so kind. If I set up a "Squirter" at my base, it would be within about 150 feet of being parallel to the commercial electric highline serving my house, and at almost the same height. Would this be apt to give me troubles interference-wise?

I assume no matching difficulty is encountered as long as the specs are followed closely. Am I right?

And finally, do you know if I could add a "Squalo" to my mobile, to maintain the same polarization. I now use a "Maggie Mobile," and would keep it in the center of the roof. Would the presence of the "Squalo" (to be used alternately) impede the efficiency of the "Maggie"?

Could be you think these are silly questions—but I'm not "hep" to electronics, much, so I have to ask silly questions, sometimes.

H.H.G., Stony Creek, N. Y.

In the first place, the questions aren't silly. They're darned pertinent ones! Unless your "Squirter" is oriented so that its maximum pickup direction is *exactly* parallel to the high-line, I don't think you'll have much trouble. You're right, there's very little matching problem. If you do get a bad SWR, indicating mismatch, adjust the length of the long end of the Squirter, about ½ inch at a time. Now to the mobile; you shouldn't have any troubles at all. The two antennas would be cross-polarized to each other, so neither (in theory) should be able to tell the other is there. In practice, they will have an extremely small interaction—but these effects will be more than 20 decibels weaker than if they had the same polarization, and even

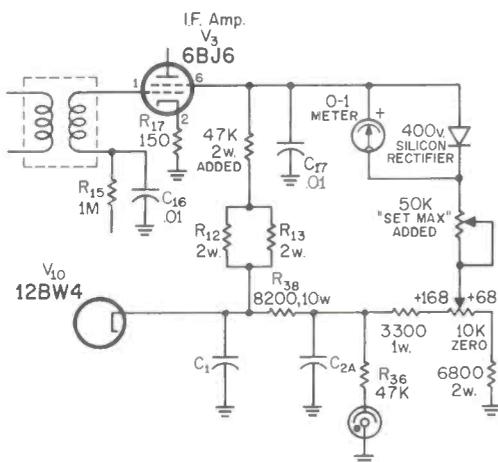
with the same polarization, the effects are so small that they're often ignored!

ADDING AN S-METER

Can you spare us Johnson Messenger and Heathkit (and several others) owners a few lines to tell us just how and where to connect an S-meter to our rigs? Several meters are on the market in the \$2-\$5 range; nearly all of them are 0-1 MA calibrated in S units. Thanks!

J.G., Hoisington, Kansas

The schematic hereabouts shows exactly how to put one of these meters—or any other 0-1 MA meter—into a Messenger 1. The same principle will work on any other set, too, just so long as the IF amplifier is AVC-controlled. You can tell



whether it is or not by first finding the grid pin of the tube socket, tracing back to the IF transformer connected to it, and then tracing out the other wires connected to this same IF transformer. One of them will go to the plate pin of the earlier stage, one to B+, and the third will go either to ground, or to a resistor and capacitor combination, in which the resistor leads back to the detector stage. If you find this combination, the IF stage is AVC-controlled and the S-meter circuit will work nicely.

If your set's IF tube gets its screen voltage through a large-value resistor from the plate supply (many do) then you won't need to add the 47K resistor shown in the schematic here. Both of the adjustable controls should be placed either inside the set, or on the back panel. Once you set them up initially, you won't be touching them again until you change tubes.

To set up the meter, adjust the "SET MAX" control to maximum resistance, and adjust the "ZERO" control until the meter reads exactly zero with the rig well warmed up. To check the

accuracy of the zero setting, reduce the "SET MAX" control. Re-zero if necessary; the needle should stay firmly on zero regardless of the "SET MAX" setting, with no antenna connected. Next, tune in a strong signal, which you consider to be about S9 (if you have access to a signal generator, feed in 50 microvolts of signal) and adjust the meter to read S9, with the "SET MAX" control. Then secure both control shafts firmly with a drop of glue or Glyptal varnish, and you're in business.

The diode across the meter, incidentally, is to protect the meter movement. In the Messenger 1, the screen voltage of V3 swings from 80 on receive up to 210 on transmit, and the meter will run right up against the right-hand pin when you push the button to talk. The diode protects the meter from burning out, when this happens. It might not be needed on other rigs.

CASE OF THE HUMMING HANDSET

When I purchased by ----- recently, I also bought a telephone handset mainly for privacy during the wee hours of the morning since I am on the air quite a bit. I also have the regular mike with the set. When I try to use the telephone handset, all of my friends tell me that there is a loud, noticeable hum when I transmit. I tried correcting the matter by using shielded mike cable, but that still didn't work. I also have used a resistor with it, I have even tried using "spaghetti" on the connections, but nothing seems to work properly.

My friends also say that the modulation is very poor on the telephone handset and I just don't sound as good. What could be my problem? When I use the regular mike everything is perfect. I hate to take the handset back to the store after I paid \$20. Hope you can help me out.

J.G.B., Cleveland, Ohio

There are so many things that might be causing your trouble that it's almost impossible to say at long distance just what is wrong. Anytime you get a loud hum in an audio circuit, the first thing to look for is an open connection. Since you're getting some speech through, the open would have to be in the ground side of the line. However, since you have changed cable with no results, this probably isn't what's wrong.

It may be in the handset itself. Most actual telephone handsets use carbon-button mikes; some sound-power types use dynamic mikes. Almost none of them were originally equipped with crystal or ceramic mike units, and I do not know if the particular brand you bought had been modified or not.

If you have a volt-ohm-milliammeter or a VTVM available, you can tell reasonably well what type of mike element is in the handset. Just measure the resistance of the mike side.

If you measure an open circuit, it will be either crystal, ceramic, or a broken wire! If you get a reading below 200 ohms, you have a low-impedance dynamic unit. If the reading is between 200 and 5000 ohms, you have probably got a carbon-button unit; if the reading is over 5000 ohms but less than infinite, you probably have a high-impedance dynamic.

The one most likely to give you hum problems is the carbon. The dynamics may also produce some troubles. If you add a mike preamp—one of the type which has its own gain control—you can overcome this by adjusting the preamp to give good results with the handset, and using the regular mike direct into the set.

It might be easier to get a crystal-mike replacement cartridge and put into the handset. Most dealers have a selection of replacement cartridge elements, that sell for about \$3.50 to \$5 each. Just unscrew the rim of the mouthpiece, let the old mike element drop out, and fit the new element in. Bend the spring contacts as necessary to make good contact, and if necessary you can cut a cardboard shim to help hold the crystal unit in place. With this, you should get every bit as good results from the handset as from your regular mike.

LOOKING FOR ACCESSORIES

Several months ago I purchased a used - - - - - rig. I would now like to install some "extras" on the unit such as a 23-channel tunable receiver, S-meter, etc. I wrote to the address on the back of the unit and the letter was returned "no such address." I've inquired about the company address every place else with no success. I was wondering if you might be able to inform me of the address, so I could find out if the company could supply such accessories.

The alternative is to buy accessories from other manufacturers. For example, Hallicrafters offers an S-meter. Would these be compatible with another unit such as mine or would a complete rebuilding be needed to install them?

J.M., Bowling Green, Ohio

While I don't normally mention manufacturers' names in this column (I don't have to worry about hurting anyone's feelings this way) I have to make an exception in this case. The maker of your set is Biggs Electronics Inc., and the most recent address I have for them is 1328 Pulaski Street, Peru, Illinois. So far as I know they are going strong; only about a month ago I heard that they were coming out with a new unit. Don't know just what they do have in the way of accessories but I'm sure they have at least a few.

Now to the other side of the question, just in case the maker doesn't have all you want. Most gadgets will fit most sets, without much regard

for who made what, so long as a few key characteristics are matched. For instance, you can put an S-meter on almost any tube set (see the other question on this subject). To provide 23-channel tuning, you can use one made for any other rig that has the same intermediate frequency as yours (which is 455 kc, an industry standard). More mike preamps are made as "universal" accessories to fit any set than are made by any one manufacturer of transceivers. And so forth. Accessories don't have to come from the same factory as the rig; they just have to be capable of working with the rig, and the circuits in your unit are all standard. Most accessories, regardless of origin, should do nicely for you.

DECIPHERING SIDEBAND SIGNALS

I've been hearing some strange sounds on the channels lately, and my friends tell me they are from sideband rigs. How can I listen in?

K.R., West Covina, Calif.

The classic method of deciphering a sideband signal is to use a beat-frequency oscillator in the receiver. However, putting a BFO into most CB rigs turns out to be a major modification (I did it once and I wouldn't recommend that anyone try it unless he knows his way around inside a receiver!) so I would recommend an alternate approach.

The reason the signal isn't understandable is because sideband operates without any carrier. And the receiver's detector has to have a carrier to work. Since the signal doesn't have one, you have to put it in. That's what the BFO does, but there isn't any law that says you have to put the carrier in at the detector. It's far easier to put it in at the front end of the set.

To do this, you'll need something to generate the carrier. An external channel-spotting unit will do; a serviceman's signal generator is better; and an old-style ham-type VFO is best of all. You'll need one that dates from the days when 11 meters was a ham band to do you any good; the Heath VF-1 is an excellent one for the purpose, and they're on the used-gear market for around \$10 pretty often.

First, you tune in the signal, with the carrier generator turned off. Then you turn the carrier generator on, and carefully tune it round the channel. You may have to cut down the strength of the local carrier by moving the generator to the other side of the room. As you tune, at one point you'll find the signals where you leave it, and listen happily.

And that's the last one there's room for this time. Do you have a question? Send it to me, % S9 Magazine, 14 Vanderventer Avenue, Port Washington, L. I., N. Y., zip 11050, and I'll give you an answer here if I can. See you next month!



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A.P.R.E. PROFILE

Jon G. Batley, KH11466

I would like to commend and give a vote of thanks to one who has given so much and asked for so little. This man whom I believe could be called an "unsung hero." He has worked conscientiously and energetically, he has never refused a demand, he has devoted every moment to the betterment of S9 and CB Radio. To Jon, I thank you for your unselfish devotion and for all your respect and understanding that you have shown S9 and the Citizens Radio Service.



Jon is 23 years old and started in CB, 1963 with the help of his friends. Jon was appointed to the A.P.R.E. staff recently, but has developed his news media into a large scope of gathering. We say no more, but cast your attention to the many news releases gathered by Jon in this month's Central Area. I certainly hope all clubs in the Ohio area keep Jon on their mailing list, and for the ones who don't have Jon, please do so. Jon is our man in Ohio. Let's all make use of this.

A.P.R.E. DEPARTMENT

New appointments this month to the A.P.R.E. program are: Roy Shetler, 20W7473, Enon Valley, Penna.; Robert W. Smith, KKK6249; 105 Rogers Ave., Norfolk, Va.; George Deveau, 1W2815, 63 Brown Ave., Jewett City, Conn.

PACIFIC

The Capitol City Monitors, Inc. held their first installation dinner, January 9th, with sixty-five members and guests present. Our new president is Frank Reske, Jr., KFD3401, Vice Pres. Wes. Castros, KFC1382, Treasurer Al Sherman, KFD3790, Secretary Alyce Eggleston, KFE0392. Board Members are: Barney Eggleston KFD0909, Bob France KFC3480, Fred McMullen KFD4255, and Walt Keim KFD5200.

For the emergency channel nine, our club has set up our twenty-four hour monitoring system, with some members monitoring the channel whenever their sets are on.

The Capitol City Monitors participated in the fund raising in our area for the Olympic Teams. Besides relay teams stretched from the Sacramento Valley to Lake Tahoe, members in their mobiles collected pledges that were telephoned in from all the surrounding areas. We had two base stations set up, one in the local radio station, KXOA, and another in a private home in Placerville. Members were presented certificates of appreciation from the local Junior Chamber of Commerce who planned the activity.

Meetings are held the fourth Friday of each month in the auditorium in the Country Club Center at 7:30 p.m. Our club newspaper is called Channel 24 and we are justly proud of the job our Editor Ed Moore,

and his wife Lois are doing, members helping out each month when the paper goes to press.

Our total membership numbers 119 and we are adding new members right along. We have one Honorary lifetime member who is Andy Mikkleson KFD1429 of Pioneer, Calif. Andy lives alone up in the mountains and is happy to relay or just talk so anyone going anywhere close, give him a shout on Channel 16. Believe me he has many interesting things to tell of life up in the mountains and of his daily visitors.

The Valley County "5" Watters of Glasgow and Glasgow AFB, Montana, recently elected new officers. They are: Mr. John Dodge, KL10063, President; S/Sgt. Donald D. Hale, KFJ1584, Vice-President; S/Sgt. Ernest Kenter, KKG5549, Secretary; and A/2C Kenneth Piner, KLD2282, Treasurer. The Club meets every first and third Thursday at 8:00 p.m. at the Headquarters building at Glasgow AFB. There are 24 members and the club has been organized since early 1963. All CB'ers in the area monitor channel 11.

The Club has made application to REACT for affiliation. The Club operates a 24-hour monitor on channel 9 at Glasgow AFB. The call letters are KLD2762. We believe it is the first such monitor operated by a club on a military installation.

New clubs of citizen band operators are poppin' up everywhere and here is another new club in this area.

We are proud of our New Formed Club here in Ephrata, Washington with hoping for membership from Soap Lake, and Quincy. Our Name is "The Grand Coulee Watters" Monitoring Channel 9. With an election of temporary officers and membership of 15 at our first meeting and growing right along.

Our meeting scheduled for the last Tuesday of the month, social hour on the second Sunday of the month.

Our temporary officers are at present: President, Donna Jean Lewis, KLD0612; Vice President, Ben Drummond, KLA4908; Secretary, Lois Fredericks, KLD2614; Sgt. of Arms, Bill Woodward, KLD2666 and Net Communication Chief, Robert H. Lewis, KLD0612.

We have already helped the city police with patrolling on Halloween, which we were at that time not yet a club.

The women of the club are making banners for our car antenna's for use on parades and outings. The men are making up signs for us to use for the parades and outings.

Program has been outlined to make use of our radio's on the MARCH OF DIMES.

OPERATION FLOOD

The newly formed Citizen's Band Radio-Civil Defense organization from Marion County, Oregon performed valuable radio communications service to the local Civil Defense, Sheriff's and State Police, during the recent disaster.

They assisted in evacuating flood areas, patrolled to prevent looting, and in areas where needed, aided in sand-bagging to prevent further property damage. Many dollars were saved because of their efforts.

The operation functions with a Central Control at the Civil Defense Headquarters in the Marion County Courthouse and field operations are under the command of an operations chief at the disaster site. In the recent disaster the operations in the field was largely under the direction of Steve Crawford and Bert Osborn and Bud Roach and Phil Brasa and others assisting.

There were approximately 35 units utilized during the disaster period. Volunteers came mainly from Salem, however some units reported from outlying areas. The evacuee shelter at Jefferson, Oregon was in constant communication with the disaster centers at Salem through the use of Citizen's Band Radio despite three power shortages.

This is a new organization established to fill a definite need and is not intended to supplant the Amateur Radio League in its valued service to the community in times of disaster.

The Citizens Band Radio Club of Fresno have named their new officers for the year of 1965. President, re-elected Bill Gentry, 12W5244; Vice President, Ed Peters, 12Q1290; Secretary, Betty Peters, 12Q1290; Treasurer, Bill Lawson, KLA6555. They hold their meetings the 3rd Friday of each month. They held a Snow Party and Pot Luck at Huntington Lake. I don't know who had the most fun the little kids or the big ones. They have made their Jamboree plans. It will be held June 5th and 6th, 1965. Wildwood Beach Country Club. \$6.00 for adults and \$2.50 for children, which includes meals, Western band for Saturday P.M. Many door prizes, planned recreation for youngsters and oldsters, free parking for trailers and campers. Everyone is invited.

Newly elected officers of the Emergency Mobile Radio and Communications are: President, Jim Brush, KFC3075; Vice President, Ted Stenger, KFD3063; Secretary, Norman Milsner, 12W4139; Treasurer, Joe Meo, KFC2180; Sgt.-at-Arms, Bob Villines, KFD6078; Public Relations, Vic Villines, KLA2168.

The Oregon Trail CB's recently elected to office for the coming year, the following officers: Darrell King, President; William McClennan, Vice-President; Rose Denslinger, Secretary; Lucille Hurd, treasurer, and LeRoy Anderson, Sgt.-of-Arms.

The Club was formed by local Citizen Band licensee's for the function of offering its facilities to community services such as the recent flood which suddenly created so much havoc without warning.

Within a very short time after notice that a crisis was developing, a network of CB radios was formed with a relay unit high upon Cherry Heights, to assist in locating trouble spots via mobile units, and relaying such findings to the proper authorities. This unit with the assistance of other stations throughout Wasco, Sherman, Jefferson, and Hood River counties in Oregon, and Klickitat County in Washington, were able to maintain a line of communications on a 24 hour basis until the conditions in these areas had improved.

This service was made possible by CB'ers all over this area, club members and non-members alike, who joined forces to in some small way to alleviate some of the burden that was placed upon the Emergency and Disaster Units in our State.

The public is cordially invited to attend the meetings of the Oregon Trail CB'ers on the 2nd Tuesday of every month at the Wasco County Courthouse Annex, Room 114 at 8:00 p.m.

NORTHERN

An open letter from Jack Graham, KBJ0243, Erco Radio Laboratories, Inc.

"Your emphasis on the utilization of channel nine as a monitoring channel is a point well taken.

"I have the dubious pleasure of driving from my base in Westhampton to Garden City each day. This gives me an excellent opportunity to listen to about two and a half hours of rule violations five days a week.

"During the past two years the traffic on channel nine has grown to the point of being ridiculous. Some one, and I thought possibly you should educate the CB users on the advantages of using channel nine for a calling channel, then moving to another for the conversation. Apparently it has never occurred to the CB operators west of Patchogue that where more than one station is transmitting simultaneously a phenomenon referred to as hedrotyne is caused which effectively blocks radio communication for many miles. In this regard, the CB users have a nice little habit of operating with their squelch cut back to eliminate the hedrotyne, then blithely carrying on a conversation with another DX station at least a mile away. This is a most effective way of overcoming the problem of "Breaker" interrupting their conversation.

"This also eliminates being annoyed with some CB'er who may have a serious emergency to report, or he may even want to legitimately call his base on the way home. I am sure it is far more important to discuss what mike is being used, and 'How's my signal, now, I've got the volume tuned up more,' than for a mobile to get an emergency message through.

"One of the requirements for receiving CB'ers license is certifying you have read and understand the provisions of Part 95. Further you are required to have



a copy of same at the transmitter operating location. I wonder just how many CB'ers have ever opened the cover on either of these documents.

"Out East," as we call it, we monitor nine as a calling channel, and we respect it as such. The results of this are a nice quiet channel, always open for emergency or contacting your base, or other stations as required. We all shift to another channel for the conversation. Both CB Clubs in the area CB 11, and Peconic CB Club, and the Eastern Long Island Emergency Communications Association endorse this procedure, and believe me it works.

"I can think of nothing more discourteous than to hear two stations just make contact, then someone comes in 'Break Break' he gets a 'Go ahead Breaker,' calls his station then proceeds to carry on a completely unnecessary conversation right on nine while the units who gave him a break stand by with their microphone in their hand.

"Don't most sets have more than one channel? Is it such a chore to turn a switch?

"Maybe good old S9 can get the message across—(on channel nine)."

Recently organized is the North Shore CB Club with the following officers: President, Hal Cunningham, KKB0794; Vice President, Richard Puleo, KKB0705; Secretary-Treasurer, Joseph Anderson, KKA3415. The organization has a membership of 18 and meets the 1st and 3rd Thursdays of the month. Jamboree in August, with more info coming.

The New Year 1965, brings the Crystal Citizens Band Radio Club Inc. to its first anniversary. This Club is located in the Western part of South Central New Hampshire, with a membership made up of residents of many towns and cities. At the present time the members hail from Hillsboro, Henniker, Antrim, Hancock, Peterboro, Hopkinton, Contoocook, Franklin and Tilton, New Hampshire.

Meetings are held on the second Sunday evening of each month in different locations as decided by the members. The present membership of forty-three is growing steadily with a constant drive for new members.

The objects of the Club are to promote better use of Citizens Band Radio, to promote friendship and goodwill between CB'ers, and to aid and assist in any type of emergency in this general area when requested.

Received a flash bulletin from the Connecticut Needle Pinner CB Radio Club with regard to a cost to coast communication. Good luck to the group on venture. News comes from Louise Bryant, Secretary.

The Hornell Area Radio Emergency Service (HARES), had their elections. Gerald Stephens, President, KJ11750; Lee Schumway, Vice-President, KJ1-2070; Fran Schumway, Secretary, KJ12070; William Drake, Treasurer, KID6335; Howard Jones, Master-of-Arms, KID8029; and Mike Page, Janitor, KID8499.

The club was formed in November 1963, and now boasts an active family group of some 40 members. They meet every third Tuesday at the Arkport, N. Y., Town Hall, and guests are welcome. They are planning on constructing road signs, indicating their standby channel of 11, and their emergency channel of 9. They have completed an official Red Cross First Aid course; and have participated in two Civil Defense drills. Two months ago, the entire club spent over eighteen hours in shifts looking for a lost hunter in twenty degree weather. He was found later, uninjured. The club was coordinating with the Sheriff's Department and State Troopers.



Newly elected officers of the Citizens Emergency Radio Patrol include: President, Alfred Shoen, KIC-4169; Vice President, John McKnight, 20Q4712; Secretary, Vernon Batt, KIC5311; Treasurer, Jerauld Adams, 20Q0083; Sgt-at-Arms, William Long, KLQ2125. The unit monitors channel 18, with over 3,000 hours logged during the past year. Each mobile unit carries emergency equipment including oxygen, first aid kits, flares, emergency lights, blankets, jumper cables, etc. Meetings are held on the third Wednesday of each month at Fire Headquarters, in North Tonawanda. Present membership is 16.

Glens Falls CB'ers are forming a walkie-talkie club, **The Glens Falls Walky-Talky Club**, for young people interested in Citizen's Band radio is being organized as a junior division of the Glens Falls CB'ers.

Application may be made by any interested young person, 18 or under, at the headquarters for the club, at their club's rooms at 101 Warren St., Thursday evenings at 7:30 to 11:00 p.m. John Romp will have charge of the organizing activity.

President, Herb Colvin, KIC2999; Vice President, Harley Hermance, KJ12772; Ruth Colvin, KIC2999. Secretary.

Recent reports from the Sumannee Valley 11 Meter Radio Club on the Winter Jamboree tells of nothing but the highest in success. Also planned is a Summer Jamboree to be held sometime in June. The club monitors channel 11. President, Wm. Crews, KD13452; Vice President, G. Paul Schneider, KD15176; Secretary-Treasurer, Leon Gill, KKD3446.

Officers of the Norwalk CB Radio Ass'n are: President, Dick Lehman; Vice President, Mike Crofoot; Secretary, Marge Ohlson; Financial Secretary, Larry Frazier, Sr.; Treasurer, Floyd Taylor. Editor of their very fine club paper, the CB Shack is Larry Frazier, Jr.; with co-editor, Dick Marks. All clubs wishing to exchange papers should contact: Larry Frazier, Jr., 27 Silk Street, Norwalk, Conn. 06850. It will be worth-your-while.

Recently organized is the Manchester REACT Team with a present membership of 23. Officers are: President, Leo Morency, KKA1892; Vice President, Lawrence Brewer, KKA7277; Secretary, George Racicot, KBC2720; Treasurer, Steve Papavlo, KKA4007. Interested CB'ers in the area wishing to join should contact: 51 Hall St., Manchester, New Hampshire.

Officers of the Sociable 5 Watts CB Club for 1965 are: President, Charles Young, KID5894; Vice President, S9, A.P.R.E., Roy Shetler, 20W7473; Treasurer, Jean Young, KID5894; Ass't Treasurer, Dave Durr, KID6059; Secretary, Ruth Vogler, KIC2808; Ass't Secretary, Estelle Norton, KID7384.

Officers of the Beaver County REACT Team are: Director, Roy Shetler, 20W7473; Ass't Director, Harry Norton, KID0507; Treasurer Clyde Wilson, KJ11124; Secretary, Estelle Norton, KID7384.

SOUTHERN

The Hialeah Communications Radio Club meets at Hialeah Moose Lodge #1074, Hialeah, Florida the 1st and 3rd Mondays of the month. President, Dick Pavey, KD14326; Vice President, Jim Traweck, KD14312; Secretary, Betty Wolking, KD13527; Treasurer, Jack Krouskroup, 7W3510. The club recently attained headlines in local newspapers for their work in hurricanes, Cleo and Dora. Membership is presently 60 strong.

The Acadian CB Ass'n of Lafayette, Inc., officers for 1965 are: President, Bill Vincent, KEA1448; Vice President, Ronnie Smith, KKR1739; Secretary-Treasurer, Willie Josey, KKR6120. Present membership is at 25. Monitoring channel is 9.

ATLANTIC

The Cee Banders Radio Phone Club, P.O. Box 563, Birmingham, Ala. with 120 current members; President, Bob Wilkey; Vice President, Dale Welch; Secretary, R. N. Abercrombie; Treasurer, Jean Liles, hold their monthly meetings the 3rd Thursday of each month at the V.F.W. Hall at 7:30 p.m. The club has already started making plans for their second big Jamboree, to be held at Camp Cosby, the first week-end of June (5th and 6th). Grand prize each day will be a set of Browning Eagles.

The Smith Lake CB Club which meets the 2nd Saturday night of the month at Cold Springs School, Bremen, Ala. Officers are: President, Jack B. Williams; Vice President, T. D. Boland; Secretary, Bill Johnson; Treasurer, E. O. Swann.

The 3 Watters Radio Club meets twice a month. Officers: President, Bill Spaugy; Vice President, George Creasman; Secretary, Louise Smith; Treasurer, Lynda Odell.

On December 11, 1964, the National Capital Regional REACT Headquarters Station was dedicated at the new Howard Johnson's Motor Lodge, Wheaton, Maryland. Located on a high spot, overlooking Washington, D.C., the new REACT station is offering 24 hour emergency communication to the entire Washington metropolitan area.

In its first 20 days of operation, REACT contacted Police, Fire, or Rescue Squads in response to 54 Emergency calls, offered road directions to 374 callers, and answered 324 calls for road and weather conditions, time, etc.

Operating on channel 9 under the temporary call sign of KUY1169, REACT hopes to offer permanent 24 hour emergency communications to metropolitan Washington.

Local operators desiring to help monitor the station are urged to contact "Doc" Farnham, Communications Officer, or the station for information.

Officers of the CB Emergency Aid Ass'n, Inc. are: President, Bill Riggleman, KKK5474; Vice President, Elwood Gilbert, KCJ9091; Secretary, Ann Gilbert, KCJ9091; Treasurer, Charlotte Heatwole, KKK5433. The purpose of the club shall be to assist with communications and manpower in an organized manner in any situation where shall be deemed advisable by duly constituted authority in Rockingham County and North Western Augusta County, Va. News comes from Alice Thompson, KKK7871, club reporter.

CENTRAL

Newly-elected officers for the Q-5 Radio Club, Inc., include the following people for the 1964-1965 term in office. Elections took place in December, 1964. President, Sig Hufenbach, KH13300 (second year for President); Robert Gehring, KHJ1535, Vice President; Ralph Asel, KHJ1446, Recording Secretary; Don Bick Ielmeyer, KLN8303, Corresponding Secretary; and Bob Sharkey, KHJ2859, Treasurer.

Official mailing address of the Q-5 Radio Club, Inc., is: Mr. Sig Hufenbach, President, 906 Wagar Road, Rocky River, Ohio 44116. All club papers should be sent to the above address.

Being aware of the mounting traffic accidents, and the rising wave of vandalism in our area, a group of nine Saginaw CB'ers banded together to form the Saginaw County Citizens Band Assistance, or C.B.A. as it has become better known.

Originally formed on August 15, 1964, the first C.B.A. project was to patrol the section of Interstate 75 expressway passing through our county, and assist distressed motorists in summoning aid. We were helped by our local law enforcement agencies who provided road ares for all our cars. Needless to say, we were very busy. Whenever assistance is rendered, we give the motorist a self-addressed postal card with a space for their comments on our services. The cards that have been returned to us (over 50, and from three different states) expressed comments that erpaid us more than money ever could.

As word spread, our group increased in size to 29 members, and our projects now include work with many civic organizations, local civil defense units, and all branches of our local law enforcement agencies.

Officers for 1965 are: President, Frank Dewey, KLM-8487; Vice President, Joseph Loeffler, KHI2041; Secretary, Ronald G. Roth, KLN0919; Treasurer, Ivan Lintern, KLN3153; Operations Officer, Mike Lacombe, KLN3367; Public Relations Officer, Larry DeCaire, KLN6411; Finance Officer, Richard Paxon, KLN8557; Training Officer, Tim Ellithorpe, KHJ0060; and Personnel Officer, Robert Troy, KHJ2493.

Anyone interested in further information about C.B.A. can write to: Saginaw County C.B.A., P.O. Box 1523, Saginaw, Michigan.

President Marlin Swanson, KHI0001, of the Twin Cities CB Radio Club announced that members of this group and members of the CB Communications Club of Berrien Springs, Michigan, the Tri County Citizens Band Radio Club of Caloma, Michigan attended as a group the International Holiday given by the Kamao and Polynesian Studio Dancers recently. The group gathered at the Fair Plain Plaza, Benton Harbor, Michigan and caravanned to the Fair.

Wayne County REACT held their first meeting of the new year on Sunday, January 17th, with the following officers elected for the year. President, Howard Hoffman, KHG7831; Vice President, Virgil Ward, KHG1366; Secretary, Tim Hamilton, KHJ9961; and Treasurer, Gary Halderman, KDC0372.

Ground work was laid for the Jamboree to be held under the grandstand at the Wayne County Fairgrounds in Wooster, Ohio, starting Saturday, May 29th at noon and continuing all day Sunday, May 30th, with "round and square dancing" to be Saturday night. It was decided to hold it rain or shine for there was plenty of room inside the grandstand for all.

A letter was read from the Ohio State Patrol thanking the REACT team for the help that they gave them, also, a letter of thanks from the Aero Society for the fine communications we had set up for their recent Air Show.

Wayne County REACT meets every third Sunday of the month and welcomes all visitors.

For further information concerning the Wayne County REACT Jamboree, write to: REACT of Wayne County, P.O. Box 281, Wooster, Ohio 44692 or Tim Hamilton, KHJ9961, Secretary, P.O. Box 572, Wooster, Ohio.

News of the group comes from: Jon G. Batley, KHI-1466, S9 A.P.R.E. for Cleveland, Ohio and vicinity.

Newly-elected officers of the Richland County CB Radio Club for 1965 include the following: President, Jim Swigart, KHJ6698; Vice President, Dutch Davis, KHI4360; Secretary, Larry Rain, KHI4694; Treasurer, Harold Cates, 19W6711. Board members include: Russ Dillinger, 19W9342; Porky Durbin, KHG3345; and Ollie Hartson, KDC0297.

The Richland County CB Radio Club, Inc., publishes a very fine newsletter called "The Richland County CB Bugler," and will gladly mail their club paper to all interested clubs. Mailing address is: Richland County CB Radio Club, Inc., P.O. Box 553, Mansfield, Ohio.

News of the group comes from: Jon G. Batley, KHI-1466, S9 A.P.R.E. for Ohio, the 19th Call District.

The newly-elected officers this year for the 11 OM CB Radio Club of Toledo, Ohio, Inc., include: President, Kenny Revard, KLN9910; Vice-President, Bill Noyes, 19A7926; Secretary, Jean Walker, KHG9968; Treasurer, Helen Owen, KHJ1630. Serving on the Executive Board are: Ike Dorn, KHH0888; Dick Walker, KHG9968; Basil McDonald, KHG2679; Frank Grey, 19A4109. Rich Taylor is an automatic board member as retiring president.

The 11 OM CB Radio Club of Toledo, Inc., puts out a monthly publication called "The Hydrodyne Gazette," which is a very, well-written publication. The club will gladly exchange papers with all interested clubs. The club's mailing address is: The 11 OM CB Radio Club of Toledo, Inc., P.O. Box 111, Toledo, Ohio 43601.

News of the group comes from: John G. Batley, KHI1466, S9 A.P.R.E. for Ohio.

Mahoning Valley Chapter of M.C.E.U., Inc. officers for 1965 are: President, Mike Davis, KHI0995; Vice President, George Perich; Secretary, Am Davis, KHI-8105; Treasurer, Betty Carpenter; Sgt.-at-Arms, Garth Williams. Meetings are held the 2nd Saturday of each month at 7:30 p.m. Morgandale Fire Station, Warren, Ohio.

Newly elected officers of the Tri-County Citizens Radio League, Inc., of Akron, Ohio are: President, Blaine Smith; 1st Vice President, Don Kleckner; 2nd Vice President, Don Aldridge; Secretary, Nadine Aldridge; Treasurer, Dale Ritzman. Board of Trustees in-

clude: Joe Falcone, Don Rogers, Charles Stetler, Don Dike, and club editor: Hal Major. This group publishes a very fine newsletter which is published monthly and is called "The Knob Twister News." All interested clubs are welcome to exchange papers with the "Knob Twister News." Address all correspondence to: Tri-County Citizens Radio League, Inc., P.O. Box 1301, Akron, Ohio 44309. This group is also sponsoring a jamboree this year on Sunday, June 6th, 1965 at Chippewa Lake Park in Chippewa Lake, Ohio near Medina, Ohio. For further detailed information write to the above address.

News of the group comes from: Jon G. Batley, KHI-1466, S9 A.P.R.E. for Ohio.

The CB Rangers Radio Club of Council Bluffs, Iowa has filed articles of Inc., recently with the State of Iowa. The club is planning a jamboree in the near future, with more information coming. CB Rangers officers include: President, Lowell Falknor, KLF2506; Secretary, Mae Brandt, KLF8301. The club boasts a membership of 75 present and a junior Ranger Walkie-Talkie club is being formed for the future CB'ers. Meetings are held the 1st and 3rd Friday of each month. Vice President, Tom Fernside; Treasurer, Lola Falknor.

1965 officers of the Ingham County CB Club of Mason, Michigan are: President, Fred Wyatt, KHG3034; Vice President, Bill Davis, KHG8672; Secretary-Treasurer, Wilt Gannaway, KHH4223. Editor of their club paper is Noha Canfield, KIA0321. The club meets the 4th Saturday of every month at the newly constructed Ingham County Jail. The Ingham County CB Club, Inc. of Mason and the 5 Watters CB Club of Lansing, Michigan will work hand-in-hand with communications and transportation in the Lansing Mothers March of Dimes.

The Lansing 5 Watters CB Club, Inc. recently held 1965 elections with the following: President, Bill Boogaard, 19Q2396; Vice President, Edwin Kirkbride, KHG6886; Secretary, Lois Boogaard, 19Q2628; Treasurer, Howard Bartley, KLO1256. The club meets at Delhi Town Hall, Michigan, the 3rd Sunday of the month.

The Coffee Breaker's, Inc., CB Radio Club is a newly-organized "Family Club" with approximately 30 families participating. Officers for the year are: James Spencer, President, KLM9459; Norman Puls, Vice President, KHG8783; Nancy Early, Secretary, KLN-1021; and Ronald Ely, Treasurer, KHI6663. The club meets every Sunday from 2:00 till 5:00 p.m. The "Coffee Break" is open to all CB'ers and is held at the Douglas Miracle Lanes at the corner of Laskey and Jackman Roads in Toledo.

The club holds several raffle's at their meeting and one of the large prizes raffled was a 23 Channel CB Set along with 2nd and 3rd prizes. They plan on having an "emergency channel," and right now the club is in the process of having a club emblem made up for their club. The club's mailing address is: The Coffee Breaker's Inc., P.O. Box 5671, Toledo, Ohio 43613. More news on this fine group will follow in the future.

News of the group comes from: Jon G. Batley, KHI-1466, S9 Representative for Ohio

Here is an accurate and true story of how handy CB radio comes in in emergencies and of fine co-operation to lend a helping hand by CB'ers.

"On the night of January 29, 1965, Matt Urban, KG14616 of Melcher, Iowa, came upon the scene of a lone car accident approximately 4 miles south of Melcher, Iowa. He immediately radioed for help to get the motorist out of the car. It was 8:26 p.m. when he made his call for assistance. Craig Bean, KNH0537 of Knoxville took the call, assisted by Bill Franklin, KGH-3842 of rural Knoxville, Iowa, Bill suggested that Matt should contact Bob Bote, KGH0617 of Dallas, Iowa. Bob lives a lot closer to the accident. KGH0617 answered the call and was on the scene at exactly 8:37 p.m. Matt Urban and Bob Bote got the man out of the wrecked car and Matt took the injured man to the hospital and arrived there at 9:00 p.m. The injured person was George Krgan of Melcher, Iowa. George had been pinned in the wrecked car for approximately one and one half hours at 5 below zero weather. He suffered many cuts and bruises and four fractured ribs, besides being nearly frozen. Many thanks goes out to Matt Urban, KG14616, Bob Bote, KGH0617; Craig Bean, KNH0537, and to Bill Franklin, KGH3842 whose station is on channel 11 twenty-four hours a day. Three of the four CB'ers (KG14616, KGH0617, and KNH0537) are members of the S.C.I.E.A.R.S. a club better known as "South Central Iowa Emergency Auxiliary Radio Club."

WESTERN

The REACT Team of Whittier-Pico Rivera-Montebello held their election of officers with Floyd Hill, KEJ5409, President; Ronald Gonsch, KFA2710, as Vice President; Secretary, May Grant, KFA1399; Treasurer, Shirley Gonsch, KFA2071. They held their Christmas Party and Installation of their new officers with many attending. They gave a "Thank you" gift to Gene Grant, the Communication Chairman for a job well done. Chuck Parker, KKK7743 was on leave from the Navy so he got to attend and visit with many old friends. Steve Basco is our new Communication Chairman, KFA0355.

The Napa County Emergency Auxiliary Radio Service Inc., held a three day anniversary celebration at Vichey Springs Park. CB'ers came from all over Oregon, Los Angeles, Bay Area and the Sacramento and San Joaquin Valleys. The editor of the Napa County E.A.R.S. would like to exchange bulletins from other clubs, so here is your chance drop him your paper and he will see that you get theirs, 2363 Barry St., Napa, Calif. Cliff Griffith, Editor. Mrs. Troy Barton, KFC-3625 of Vallejo won the brand new "Regency Range-Gain" transceiver. They also are planning a campout at Bodega Bay. The officers for the coming year are President, Jim Conner, 12W1890; Vice President, Carl Conley, KFD0188; Secretary, Virginia Martin, KFC-4332; Treasurer, Bill Frank, KFD3739.

The Kern County Citizen's Radio Association of Bakersfield, California ended the year of 1964 with a very successful New Years' Party. The past year has been very active for the KCCRA. It started out in March with an installation dinner for the new officers. In June we had our big Jamboree at the Kern County Fairgrounds. On July 11th and 12th we had a Campout Picnic at Mt. Abel. In August and October we had a couple of real nice "pot luck" dinners. October brought us around to Halloween and we had one of the best masquerade parties I have ever attended. The KCCRA meets on the first Friday night of each month and we welcome all CB'ers to attend our meetings.

REACT of Orange County have for their new officers for the coming year: President, Bud Butterfield, KFJ-2200; Vice President, Jeff Wiperman, KKK3859; Secretary, John Cesman, KFA5248; Treasurer, Harry Malin, KFA8541. They have had good turn outs for their coffee breaks which is being held every other Tuesday.

Recently, a report of a burning car was reported by KLE0972 of the local C.A.P. in Pleasant Grove, Utah. It was relayed to the local fire department by an unknown CB station, with the engine arriving in time to extinguish the blaze. The auto was midway between the local communities of American Fork and Pleasant Grove, Utah. Hats off to KLE0972 for the fast and efficient work displayed in the public interest. Hey, what about the unknown CB'er who relayed the message! ! !



The Redwood Citizen Band Radio, Inc. recently served their community in the recent storms that plagued the west coast. Officers of the club include: President, Charles Watts, KLA0817; Vice President, Bob Springer, KFD4231; Treasurer, Diva Simmerson, KLA3325; Secretary, Betty Springer, KFD4231. The below photo shows members lending a helping hand to clean-up after the storms. Also receiving a commended hand were the Petaluma CB Radio Service and CD groups.

The Antenna Benders CB Radio Club was organized in August, 1964. The club is active in REACT, assist local authorities, attends many trips, hold and attends coffee breaks, and sponsors many other activities. Present officers are: President, Fred Schrader, KFA2768; Vice President, Bee Farr; Secretary-Treasurer, Lee

Farr, KFA9036. Meetings are held the 2nd and 4th Thursdays of the month. The club paper, Thunder Flash is published monthly. Anyone interested in the club may contact: P.O. Box 189, Thousand Oaks, California.

EXTERIOR

The Alaska 49'ers CB Radio Club has been reconstituted as the Southcentral Alaska Chapter of Mobile Communications Emergency Unit (M.C.E.U.). President of the newly organized units is Tom Moore, KKN-0808; Vice President, Jerry Miller, KLN9149; Secretary, Tony Armstrong, KKB3724; Treasurer, Rick Croan, KLU0173. Good luck to teh unit from your Club Editor.

Maybe there is a CB Jamboree in the making in Hawaii. The Executive Board of the 50th State CB Club has contacted Mr. Tom Messman (President) KIF0139, and the Executive Board of the Hawaii Radio Club, Honolulu, Hawaii, reference the co-sponsoring of the proposed Jamboree. Mr. Messman has indicated that he will appoint a committee to cooperate with the committee from the 50th State CB Club to study and lay the preliminary plans. We are hoping that the other two major clubs on the island will join this project and that this will draw all CB'ers on the island closer together. If this plan materializes, it is possible that the Jamboree will be held in the fall of 1965.

SPECIAL GUEST STORY FROM, WILLIAM S. GRAVES, KK14118

WASHINGTON TO BOSTON ON CB

Driving from Washington, D.C. to Boston is hardly a challenge to the highway navigator. Even without a road map, it is nearly impossible to get lost on this 500 mile journey if one stays on the turnpikes and follows the signs.

Taking comfort in this, I decided to make the trip north from Washington armed only with a credit card and a "Poly" N-B. My mission was to disclaim or confirm what I had been told about the great value of a CB unit on the road.

So on a sunny Saturday, I loaded by little Karman Ghia with baggage, a lunch and my wife and struck out with the spirit of a pioneer—perhaps an anachronism in this day of the super-highway, but none the less anxious to find what lay ahead.

Leaving Washington, I checked out with KCG2620, sort of a CB institution in the D.C. area, and told my friend not to expect to hear from me for a week. We were on our way.

Probably the greatest lesson this experiment brought home to me was the value in just listening to the give-and-take on the Citizen's Band. A wealth of information, even entertainment, is available to the CB equipped traveler if he merely uses his receiver.

We found we could get the feel for the area through which we were traveling just by monitoring the CB circuit. Even with eyes closed, it is not difficult for the mobile CB'er to know when he is in New England or the New York City area or in the deep South. The manner of speech gives the area away. We knew we were near New York when we heard a mobile unit give his 10-20 as "West toidy-toid Street."

Having done well by listening and watching, I thought it about time to start asking questions as we approached the northern end of the New Jersey Turnpike and began passing exits for New York. Requesting assistance on channel 11, I talked with a gent in Newark, N. J. who recommended we skirt the city on the turnpike and cross the Hudson River by the George Washington Bridge. From then on it seemed as though we were being passed from one station to another in a whole network of people anxious o help.

Outbound from the city, I was called by a local mobile unit who had obviously followed our plight. After we matched a few landmarks, he told me I was driving head-on into a traffic tie-up in which he was already embroiled. I followed his directions and deoured around the obstruction.

As I faded from the range of this mobile unit, a Connecticut station picked me up and; as if he were in the car with us, headed me in the right direction for the Massachusetts Turnpike. Again, we were off and rolling.

By then we were hungry and ready for a rest. A recommendation was available for the asking on channel 11.

As we approached Boston, my wife became concerned as we were running late. Our friends expected us to arrive at 8:00 p.m. and we could see we were not going to make it. Flipping the dial, I found a base station on channel 17

that was booming in loud and clear. I explained my situation, gave my friend's phone number in Boston, and was told to stand-by. Minutes later he came back and asked if I would repeat my message. This I did. The thing we heard was our friend's voice saying, "Hey, this is terrific."

And it was. My friend was obviously talking to me on the phone from his home in Boston. The CB'er on channel 17 had taken the trouble to tie me in through a phone patch so that I could relay my message directly.

All of which impressed me, and my Boston friend, with the versatility of CB radio and the cooperative attitude of CB'ers the country over.

The trip not only proved the value of the mobile CB unit, but convinced me that the inconsiderate, immature and undisciplined CB'er is certainly in the minority.

Thanks to our CB contacts along the road, our 10 hour drive was many times easier and a great deal more interesting. It was an enjoyable and very worthwhile experience—a credit to CB.

CANADA

Plan a Canadian Vacation on July 2, 3 and 4, 1965. It will be a G.R.S.—CB Campout at **Straffordville, Ontario, Canada.** The **South Western General Radio Association** and the **Straffordville Channel Jammers** are the sponsors. There will be **Hydro Service Outlets**, hot and cold running water, camping grounds excellent for trailers and tenting, light lunches, refreshments, safe play area, supervised parking and motel accommodation available. There will be many prizes, the one that comes the farthest, largest caravan, first person from each state. Price will be advance tickets 75¢ at the gate \$1.00.

TOM BRANUM STORY

About six years ago, Tom Branum, of 322 West Sixth St., Port Clinton, Ohio, went swimming with a group of his high school buddies in the Marblehead quarry, at Marblehead, Ohio. Tom dove in and struck bottom, and through the thoughtfulness and training of one of his friends, was very cautiously lifted out of the quarry and placed in the back of a pick-up truck. This act saved Tom's life for he had several broken and cracked vertebrae. This accident left Tom paralyzed from the neck down. Through a lot of effort and hard work Tom has come back a long way. He now sets up in the wheelchair, stands in his custom standing board and can move his head and has some use of his arms. The Artists Club of Port Clinton has taught him to paint by holding a brush in his teeth, and he also writes in the same manner with a pen or pencil.

About a year and a half ago, John Leiter, KHG4559, the local Firestone Dealer, had the idea of putting Tom "on the air" as a CB'er. He talked it over with Tom's dad, and after a lot of deliberation, John gave the idea to Bing Summersett, KHH4348. Bing, in turn told the Social CB Group of Port Clinton about it, and that started the ball rolling. Spearheaded by Bing Summersett, KHH4348, Bill Twynham, KHJ6709, August Burr, Jr., 19A6558, and Verrie Bovia, KIM7489, the campaign was launched to obtain a base station, antenna and desk mike for Tom. The campaign was launched about the first of September. At first, Tom was loaned a C-22 Knight Kit for use, but he could not compress the mike button or change channels due to the fact that he has no control over his hands from the wrist down and cannot grip with his fingers. This was solved by removing the control knobs and installing "cranks" in place of the knobs. The mike difficulty was solved when Don Twynham, KHH1694, of Akron, Ohio, who himself was in Akron City Hospital at the time, paralyzed with a stroke, donated his Turner Crystal Desk Mike. So, Tom did go on the air and everything worked real good. He could switch channels quicker than some of the old timers could.

People were very generous. The Antenna Specialists



Company of Cleveland, Ohio, donated a Super Mag-gie Antenna. Turner Microphone Company donated another crystal Desk Mike, and through the good graces of Multi-Elmac Company of Oak Park, Michigan, and the Blue Water Sales Corporation of Port Huron, Michigan, and the publicity received through Walter Krupp, 19Q0779, editor of the *Port Clinton Herald*, and Hallick Studios of Port Clinton, and all the area CB'ers who so generously donated time and money, on December 20th, nine days before Tom's 23rd birthday and five days before Christmas, Tom was presented a brand new Citifone SS, and a new Turner Desk Mike. And on the 22nd of December Tom received his license and is now on the air every day with the call: KLO2272. Tom is an avid call card collector and will welcome and return all he receives. Shown in the photo are members of Social CB Group of Port Clinton, Ohio including Tom sitting at his new rig are —(Left to right): Bing Summersett, KHH4348; John Leiter, KHG4559; Danny and Dave Summersett; Bill Twynham, KHJ6709; TOM BRANUM at the controls, KLO2272; and August Burr, Jr., 19Q6658.

An Open Letter From:
Roy C. Cox, Jr.; KGCI435
Chairman, Denver, Colorado, REACT

As a member of Denver County CB/CD unit I would like to say hooray for Nassau County, N. Y. Civil Defense for using CB as a means of short range comm. Our CD unit here in Denver have been operating nigh on to 2½ years using CB radio comm. (call letters KGCI100). At present we also have a sub-CD unit known as "St. Anthony's Hospital Radio Comm. Grp. (KGD0260)." We have a communication test run the last Sunday of each month, starting at 0500 in the morning and usually last till about 10:00. We assemble at the hospital to obtain instructions. The mobile units proceed to their designated points along the route chosen and stay at these communication vantage positions and report into the hospital via relay station at Bergen Park, Colo. (20 miles out of Denver) and a mobile relay on Warrior Mountain (elevation 11,000 and 35 air miles from Denver). Each mobile unit stays on position until the convoy from the hospital passes by their position and then falls into line at the end of the convoy. We have an auxiliary hospital set up at the Georgetown, Colo. schoolhouse. Usually the first unit out at the start of the run will proceed the 60 odd miles to the schoolhouse and hook his rig to the school antenna. With this setup we have coverage of 60 to 80 miles, covering some of the most rugged area of the Rocky Mountains, along U.S. highways 6 and 40 west of Denver, Colorado.

All available REACT mobiles rode Goblin Patrol on Halloween night aiding the Denver Police and suburb area police considerably to hold vandalism to a minimum. Also in conjunction with CD station KGCI100 approximately 12 REACT mobile units were used along the 2½ mile parade route for the Veteran's Day parade held in downtown Denver on Nov. 11, 1964. This setup gave immediate communications from parade coordinator to his assistants along the full route. City and parade officials were very well pleased that so many of the CB'ers offered their services for this event.

At the present time we have 15 units available and ready to roll on 10 minutes notice for St. Anthony's Hospital CB/CD Radio Group, and approximately 50 members in our REACT crew.



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CHECK THE FEATURES:

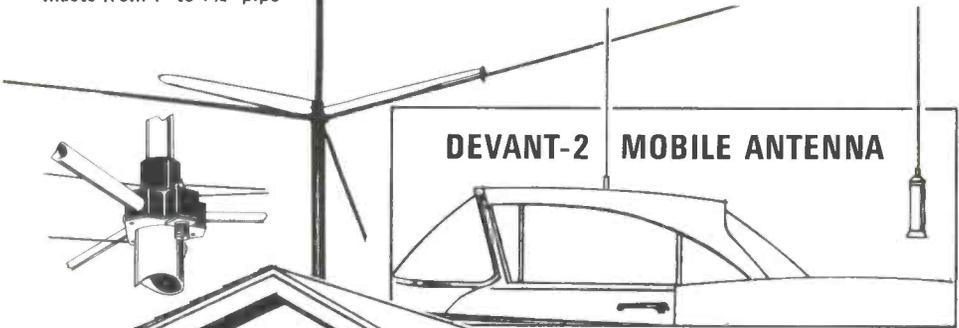
- Gain over standard ground plane—3.4 db
- VSWR—1.5 to 1, or better
- Feed point impedance—52 ohm nominal
- Assembled weight only 7.5 lbs.
- Wind load (EIA standard)—32 lbs. at 80 mph
- Antenna height—19' 7½"
- Number of radials—3
- Antenna mounting fits masts from 1" to 1¼" pipe

the sensational MOSLEY DEVANT-1 CB ANTENNA

latest advance in CB communications!

This superb new low-cost base station antenna equals or outperforms anything now on the CB market, regardless of price. Many of its outstanding features are built into the base section. Vertical element telescopes into wrapped phenolic sleeve which has greater strength than the aluminum element. Radial elements terminate into high-strength "Cyclac" base. Coax female connector is part of the weatherproof radial support assembly. Simple to install—just mount antenna on your mast, tighten two screws and lock nuts. Tapered aluminum tubing ends reduce wind load to eliminate metal fatigue. Loading and impedance matching is accomplished with loops of ¼" aluminum rods. Includes grounded element for lightning protection; features drastic reduction of rain static noise. Shipping weight, 11 lbs.

No. 86 SX 715-AN. Mosley Devant-1, only \$22⁷⁶



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An exclusive ALLIED value for the CB-er. Top quality; high bending-radius; extremely low line-loss. Savings up to 44%!

R68/U 50-Ohm Coax Cable—Equals the most expensive coax. Amphenol PL-259's installed on each end.

No. 89 S 519-AN. 50 ft. coil. Shpg. wt., 7 lbs. *Only* \$6.50

No. 89 S 522-AN. 100 ft. coil. Shpg. wt., 11 lbs. *Only* \$10.95

RG58/U 53.5-Ohm Coax Cable. Deluxe quality; ideal for CB base or mobile use. PL-259 connector installed on each end.

No. 86 S 883-AN. 50 ft. coil. Shpg. wt., 2 lbs. *Only* \$3.50

No. 86 S 884-AN. 100 ft. coil. Shpg. wt., 4 lbs. *Only* \$4.95

Stainless Steel Beauty and Durability

Traveling companion to the Devant-1, this stainless steel mobile antenna embodies all the famous Mosley quality and value. This slimline beauty is exceptionally designed, engineered, and built to deliver optimum mobile performance. Unexcelled for complete reliability and durability. A top buy for the mobile CB operator. Shipping weight, 3 lbs.

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COMING EVENT CALENDAR

The Shiawassee County CB Club, Inc., will sponsor the Central Michigan's Largest Jamboree, June 19th and 20th, County Fairgrounds, Corunna, Michigan. Contact: James Hardwick, 1507 Lynn Street, Owosso, Michigan.

The Citizens Band Radio Club of Fresno, California will hold their Jamboree, June 5th and 6th at the Wildwood Beach Country Club. More info coming.

Plan a Canadian Vacation, July 2nd, 3rd and 4th. G.R.S.—CB Campout at strafford, Ontario, Canada. The South Western General Radio Ass'n and the Straffordville Channel Jammers are the sponsors. Contact: Peter Harding, 26 Grosvener St., London, Ontario, Canada. Monitoring channel 18, Jamboree Control.

The Cee-Banders Radio Phone Club of Birmingham, Alabama will hold its 2nd Annual Jamboree, June 5th and 6th at Camp Cosby. More info coming. Contact: P.O. Box 563, Birmingham, Alabama.

The Chenango County CB Radio Club, Inc., will hold its CB Rally and Get-Together, Sunday, June 27th, on Route 12, Community Field, Greene, New York. Big attraction, sky divers. Contact: P.O. Box 141, Oxford, New York.

Pike County CB Radio Club will hold their annual Jamboree, June 13th. More info forthcoming.

June 13th, the Bradford CB Radio League, Inc., will hold a COFFEE BREAK, 12-'til-5 p.m., Marshburg GO-KART Track on Route 59 Main Route, New Kinzua Dam, Penna. Trophy for largest Club Caravan. Monitor channels 9 and 11.

The Five Watt Wizards, Inc. of North Central Missouri will hold their annual picnic, May 23rd, at the General John J. Pershing Memorial Park on U.S. Highway 36, five miles west of Brookfield, Missouri. Contact: 621 South Main, Brookfield, Missouri.

The Texas CB Ass'n and local Texas Area Clubs are planning the first Texas National Jamboree, tentative dates, June 11th, 12th and 13th in Dallas, Texas. More info coming. Contact for further info: P.O. Box 678, Carrollton, Texas. Tentative door prize—a 1965 Auto. They say things are big in Texas.

Second Annual Jamboree of the Virginia State Citizens Band Radio Ass'n will be held at the National Guard Army in Hopewell, Va., April 24th and 25th. The Wonder City CB Club of Hopewell and the Tri-County CB Club of Colonial Heights will be co-sponsors. Contact: Charles E. Eichorn, 843 Hinton Street, Petersburg, Virginia 23803.

Lawrence County CB Radio Club, Inc. is sponsoring a CB Jamboree, Sunday, June 27th at Harbor Road, between Routes 18 and 422 West. Rain or shine. Contact: Box 404, New Castle, Pennsylvania 16101.

The Jacksonville CB Radio Club of Jacksonville, Ill., will sponsor their Jamboree, June 6th at the Morgan County Fairgrounds. Contact: Albert H. Gourley, 2010 Plum Street, Mound Heights, Jacksonville, Illinois.

The Five Watters of Lake County in Painesville, Ohio is holding their Jamboree, July 30th, 31st and August 1st at the Lake County Fairgrounds, Route 20, Mentor Ave., Painesville, Ohio. Contact: P.O. Box 489, Willoughby, Ohio.

The Tri-County CB Club and Emergency Unit will hold their 3rd Annual CB Jamboree, Sunday, June 13th at the 4-H Fairgrounds, 3½ miles south of Bedford, Indiana near junctions of Highways 37 and 50. Monitor channel 11. Contact: P.O. Box 21, Heltonville, Indiana, or Orval McLaughlin, 222 Lincoln Ave., Bedford, Indiana.

The Tri-County CB Club is sponsoring a CB Jamboree, May 1st and 2nd, which will be the first annual Jamboree to be held in the famous Thermal Belt of North Carolina. Place: Harmon Field in Tryon, North Carolina, at the intersection of Highways 176 and 108. Prizes and fun for all.

The South Central Iowa Emergency Auxiliary Radio Club will sponsor a CB Jamboree, July 10th and 11th at the Fairgrounds in Indiaola, Iowa. Many prizes, camping facilities and fun for all. Remember July 10th and 11th.

The Civil Air Patrol and the 90 Meridian Citizens Band Radio Club Rally/Fly-In, Drive-In Breakfast, Sunday, June 6th, Reedsburg Airport, Reedsburg, Wisconsin, 7:00 a.m. to 12:00 noon.

The Lincoln Static CB Radio Club, 1st Annual CB Banquet, April 10th at the V.F.W. Hall, 915 5th Street, Lincoln, Ill. Time 6:00 p.m. Door prizes and dancing. Contact: P.O. Box 411, Lincoln, Illinois.

The Manchester Radio Aid is holding a CB Carnival, June 13th. Contact: 335 Lake Ave., Manchester, N. H. As per correspondence received here, no place was mentioned. Site should be sent to this writer, so proper credits can be given.

The Grape Belt CB Radio Club will hold its first Coffee Break, Sunday, June 13th, County Fairgrounds, Dunkirk, New York. The Fairgrounds are easily reached by the N.Y. Thruway, exit 59, straight ahead at the exit, thru the Dunkirk-Fredonia Plaza to the end, turn right, then 300 feet on the left is the site. The Club will monitor channels 9 and 11. Contact: John W. Hall, 420 Swan Street, Dunkirk, New York.

The Sociable 5 Watts Club will hold their annual picnic, August 28th and 29th, at the Big Beaver Fire Hall and grounds, near Beaver Falls, Penna. Contact: Roy Shetler, Enon Valley, Pennsylvania.

Music City CB Jamboree, sponsored by the Donelson CB Radio Club, June 25th, 26th and 27th at the Tennessee State Fairgrounds Coliseum. The Coliseum is located in Nashville, Tenn. Many should remember the 1964 Dixie CB'O Re. This should be even better. Contact: Music City CB Jamboree, P.O. Box 2301, Nashville, Tennessee.

Lancaster County CB Radio Club will hold its annual Jamboree, July 5th. More info forthcoming.

State of Vermont Jamboree. The Otter Valley CB Radio Club will sponsor the event, June 27th, State Fairgrounds, Rutland, Vermont. Contact: Box 669, Rutland, Vermont.

The Lake City CB Club and the McDowell County Rescue Squad will sponsor jointly the 2nd Annual Grandfather Mountain CB Jamboree, June 11th, 12th and 13th. Place: MacRea Meadows on the slopes of Grandfather Mountain. Contact: Blanche Wilkerson, 308 Vale Street, Marion, N. C.

June 26th and 27th, the Illinois Valley CB Club will be celebrating their 5th Annual Get-Together. More info will be forthcoming. No site has been selected.

The Heart of Dixie CB Club of Pell City, Alabama is planning to hold its first annual Jamboree the weekend of May 22nd and 23rd. Contact: Louis Tovel, Route 1, Box 237A, Pell City, Alabama.

Central Indiana CB Club will hold their Jamboree, Sunday, June 27th, Newton County Fairgrounds, Kentland, Indiana. Monitoring channel 9. Plenty of displays, camping facilities and food.

Richard W. Long, of the Queen City 5 Watters is planning a national Jamboree. Plans are incomplete, but why not contact Dick for the best advice. Contact: 711 N. Mechanic Street, Cumberland, Md.

The Southeastern Michigan Jamboree will be held at Swiss Valley Park, Utica, Michigan, June 5th and 6th. Chairman: Stanley Skoczen, 17542 Nine Mile Road, East Detroit, Michigan.

The Oakland Social C-Bees, Inc., 2280 Maple Crest, Pontiac, Michigan will hold their Jamboree, August 14th and 15th.

The Delaware Valley CB Ass'n will hold the Grand National Jamboree in September 1965. More info forthcoming. Contact: P.O. Box 1986, Wilmington, Delaware.

Twin Rivers CB Club of Addison, New York, will hold their second annual All States Jamboree, August 7th and 8th, Goodhue Hill Grounds. Contact: Twin River CB Club, P.O. Box 184, Addison, New York.

Lake Erie CB Radio Club will hold its 1st Annual National Jamboree, July 17th and 18th at El Ray Grotto Park, at the corner of state routes 113 and 58, just south of Lorain, Ohio. Contact: Michael Salzman, P.O. Box 5, Lorain, Ohio; or Jon Batley, 29803 Lake Road, Bay Village, Ohio.

The Space Capital CB Jamboree Ass'n, Inc., will hold its 2nd Annual Jamboree at the Madison City Coliseum, Huntsville, Ala., May 29th and 30th. Contact: P.O. Box 1184, Huntsville, Alabama.

The Rock River Valley CB Club is going to hold their Jamboree, May 23rd, Illinois National Guard Army, 605 N. Main St., Rockford, Ill. Contact: Earl Swanson, 918 Blenheim Drive, Rockford, Illinois.

The Land O' The Sky Radio Club of Hendersonville, North

Continued on page 68

PART 15 KORNER

by DEAN DETTON, NORTHERN 17

Part 15 (Legal Hobby CB) seems to have been given additional life what with a new Part 15 base rig now available, this time from Polytronics Laboratories. Yes, it was one of the industry's best kept secrets, but Polytronics now joins International Crystal Mfg. Corp. and *e.c.i. electronics communications, inc.*

Part 15 itself is forging ahead by leaps and bounds, with new stations being issued S9's special "Part 15 Identifiers" at the rate of several dozen per day. As a matter of fact we have had to put one of our staff members, Nancy McGilvroy, to the sole task of keeping the Part 15 records up to date. We have had to reprint the Part 15 callbook and we have been kicking around the possibilities of issuing a new version of the P-15 callbook.

For the benefit of those CB'ers who keep writing in to ask about Part 15 legal hobby

CB operation, here are some facts: The FCC permits low powered (100 milliwatt) transmitters to operate on certain frequencies within the limits of the Citizens Band. No license is required for this type of operation, and S9 assigns "station identifiers" to the stations to make up for the lack of regular FCC call signs. There are no age restrictions and, *so long as the P-15 stations do not cause interference to licensed radio services* (such as Class C and D CB stations), the FCC permits these stations to work skip, call CQ, even use CW (code). Many thousands of P-15 operators are now using their S9 assigned P-15 identifiers (they're free and we run the application frequently in S9) to *legally* operate P-15 CB stations. Many stations report that they can obtain coverage which approximates that of a regular 5 watt CB station.



APPLICATION FOR FREE PART 15 STATION IDENTIFIER CERTIFICATE

To register your Part 15 "unlicensed" CB station with S9 and receive your special station identifier certificate, do the following:

- Fill in the application below, or facsimile if you don't want to cut your copy of S9.
- Enclose your completed application form together with a self-addressed stamped (5¢) envelope, in another envelope addressed as follows:

Part 15 Department
S9 Magazine
14 Vanderventer Ave.
Port Washington, N. Y.

- Please do not request special identifying words for your station as all identifiers are issued in alphabetical rotation for ease of recording on our records.

APPLICATION FOR PART 15 IDENTIFIER

Name: _____ CB Call: _____

Address: _____

City: _____ Zone: _____ State: _____

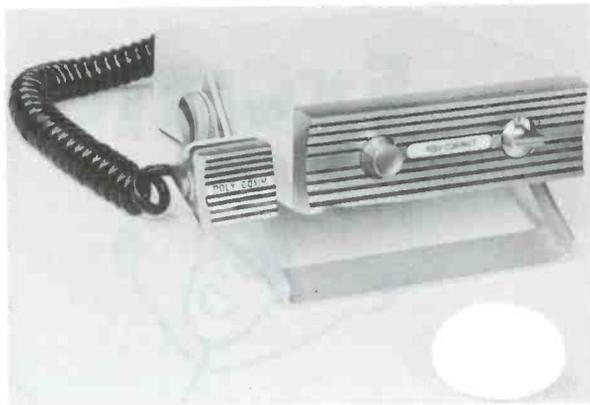
Part 15 Channel: _____ Type of unit: _____

No. of units: _____ Date: _____

I enclose 50¢ for the Part 15
Callbook/Handbook.

Signature: _____

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Transceiver by Polytronics.

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Smallest Citizens Band Transceiver in existence. All silicon transistor construction. Eleven Channel operation. Double conversion receiver. COLLINS MECHANICAL FILTER. \$199.95

POLY COMPACT Specifications

Frequency Range:	25-40 MC
Channel Spacing:	6kc Maximum
Temperature Range:	-30°C to +60°C
Size:	17/8+6+7 1/4
Weight:	4 3/4 lbs.

TRANSMITTER

- R.F. Output: 2.7 W Min at 13.6 VDC
- Frequency Stability: +.005% from -30°C. to +60°C.
- Modulation Capability: Greater than 90%
- Audio Response: +6 db from 250-3000 cps
- Audio Distortion: Less than 5% at 1000 cps
- Carrier Hum & Noise: Better than 40 db down from 30% 1KC modulation level
- Harmonic Suppression: All harmonics and spurious emissions better than 60 db down
- Channels: 11
- Transistors: 7
- Diodes: 2

RECEIVER

- Double Conversion Superheterodyne
- Sensitivity: 0.2 uv for 6 db $\frac{S+N}{N}$ with 30% 1000 cps modulation
- Channel: 11
- AGC: Change R.F. Signal Level from 5 uv to 100,000 uv. Audio output varies less than 6 db.
- Squelch: Adjustable, will open at less than 6 db at 1 uv. Less than 3 db at 00 uv
- Noise Limiter: Floating series gate type operates on all noise peaks, audio unaffected by modulation of less than 85%
- Audio Output: At least 3 watts with 3 uv signal modulated 85% at 1KC
- Harmonic Distortion: Less than 15% from 250 to 3000 cps at 1 watt audio output with a 100 uv signal modulated at 85%

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Where It's Habit To Improve

CARD SWAPPERS UNLIMITED

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.

- SACA 205 Donn Stoneburg, KGI7912, Omaha, Nebraska
 206 Don Durante, KKD2940, Lodi, N.J.
 207 Barney Ross, KCG1087, Washington, D.C.
 208 Edward Litke, KKD2992, Beacon, N.Y.
 209 John Myott, KKA3088, Westfield, Mass.
 210 Ruthie Bopp, KIC3500, Lewistown, Penna.
 211 Albert Gulley, KIE0628, Coraopolis, Pa.
 212 Betty Tynsdale, KFG0730, Eugene, Oreg.
 213 Joe & Goida Hughes, KKK5114, Mebane, N.C.
 214 Steve Yankee, 19A5551, Manistee, Mich.
 215 Ed Davis, KFA1739, Santa Ana, Calif.
 216 Mel Hammer, Jr., KG18017, Beaver, Ark.
 217 Mary & Caroline Diehl, KKG1280, Bethlehem, Penna.
 218 Harold & Betty Handley, KHA0733, Lockport, Ill.
- PX-25 402 Jerry Harris, KLN3897, Weirton, W. Va.
 403 Alan French, KKA8764, Lynn, Mass.
 404 Charles Dungan, KLR8405, Dunkirk, Ind.
 405 Donn Stoneburg, KGI7912, Omaha, Nebr.
 406 Gene Neumann, KLN9798, Bucyrus, Ohio
 407 Sonny Terropln, KKN1358, Barnwell, S.C.
 408 Steve Ewanish, Jr., Newburgh, N.Y.
 409 Don Durante, KKD2940, Lodi, N.J.
 410 Al DiCosimo, KKD7157, Little Ferry, N.J.
 411 F.P. Whetzel, Los Angeles, Calif.
 412 James Stanley, KD14565, Panama City, Fla.
 413 Dennis Spata, KKD6074, Passaic, N.J.
 414 Dee Interdonato, KKD4448, Lodi, N.J.
 415 Henry McLeod, KKP1645, Perry, Fla.
 416 David Covert, KLO1903, Barbourville, Ky.
 417 Albert Gulley, KIE0628, Coraopolis, Pa.
 418 Don L. Fletcher, KLD1817, Seattle, Wash.
 419 George Sherman, KBC4768, Rutland, Vt.
 420 Gus Gahrn, KKD7404, Albany, N.Y.
 421 F.L. Parmenter, KKN0882, Hueytown, Ala.
 422 Evans Johnson, KLN9155, Manistee, Mich.
 423 Chuck Sylvestri, KLK5617, Chicago, Ill.
 424 Mary Hoffman, KKP5333, Panama City, Fla.
 425 Edward J. Kostin, KNJ0329, Walkerton, Ind.
 426 Jim Thompson, KKD7623, Morrilstown, N.J.
 427 Ruth Charon, KBC0533, Holyoke, Mass.
 428 Henry Sowa, IQ4271, Holyoke, Mass.
 429 John Dalzell, KKI1055, Hyattsville, Md.
 430 Eddie Davis, KFA1739, Santa Ana, Calif.
 431 Timothy Copeland, KLQ0071, Hudson Falls, N.Y.
 432 Mitch Zimmer, KKD9511, Brooklyn, N.Y.
 433 John Blankenship, KDC0443, Grayson, Ky.
 434 Mary & Caroline Diehl, KKG1280, Bethlehem, Penna.
 435 Julian C. McCalla, KJC0223, APO Seattle
- PX-50 350 Jerry Harris, KLN3897, Weirton, W. Va.
 351 Donn Stoneburg, KGI7912, Omaha, Nebr.
 352 Gene Neumann, KLN9798, Bucyrus, Ohio
 353 Steve Ewanish, Newburgh, N.Y.
 354 F.P. Whetzel, Los Angeles, Calif.
- 355 Henry McLeod, KKP1645, Perry, Fla.
 356 Jack Mory, KK12063, Baltimore, Md.
 357 David Covert, KLO1903, Barbourville, Ky.
 358 Albert Gulley, KIE0628, Coraopolis, Pa.
 359 Terry Wright, KIM6265, Piqua, Ohio
 360 Don L. Fletcher, KLD1817, Seattle, Wash.
 361 George Sherman, KBC4768, Rutland, Vt.
 362 F.L. Parmenter, KKN0882, Hueytown, Ala.
 363 Evans Johnson, KLN9155, Manistee, Mich.
 364 Chuck Sylvestri, KLK5617, Chicago, Ill.
 365 Ruth Charon, KBC0533, Holyoke, Mass.
 366 Henry Sowa, IQ4271, Holyoke, Mass.
 367 John Dalzell, KKI1055, Hyattsville, Md.
 368 Eddie Davis, KFA1739, Santa Ana, Calif.
 369 Timothy Copeland, KLQ0071, Hudson Falls, N.Y.
 370 Donald Shue, KKG4329, York, Pa.
 371 Mitch Zimmer, KKD9511, Brooklyn, N.Y.
 372 John Blankenship, KDC0443, Grayson, Ky.
 373 Mary & Caroline Diehl, KKG1280, Bethlehem, Pa.
 374 Julian C. McCalla, KJC0223, APO Seattle.
- PX-75 270 Jerry Harris, KLN3897, Weirton, W. Va.
 271 Donn Stoneburg, KGI7912, Omaha, Nebr.
 272 Gene Neumann, KLN9798, Bucyrus, Ohio
 273 Bob Sizemore, KLM8313, Cleveland, Ohio
 274 Jack Virvitsky, KID4823, Lake Placid, N.Y.
 275 John Chomyk, 2A5034, Westbury, L.I., N.Y.
 276 Henry McLeod, KKP1645, Perry, Fla.
 277 Jack Mory, KK12063, Baltimore, Md.
 278 Albert Gulley, KIE0628, Coraopolis, Pa.
 279 George Sherman, KBC4768, Rutland, Vt.
 280 Evans Johnson, KLN9155, Manistee, Mich.
 281 Chuck Sylvestri, KLK5617, Chicago, Ill.
 282 Vincent Cavicchi, KKD7623, Morrilstown, N.J.
 283 Thomas Hixon, KHCl496, Chrisman, Ill.
 284 Ruth Charon, KBC0533, Holyoke, Mass.
 285 Don L. Fletcher, KLD1817, Seattle, Wash.
 286 Eddie Davis, KFA1739, Santa Ana, Calif.
 287 Timothy Copeland, KLQ0071, Hudson Falls, N.Y.
 288 Mary & Caroline Diehl, KKG1280, Bethlehem, Penna.
- PX-100 248 Jerry Harris, KLN3897, Weirton, W. Va.
 249 Gene Neumann, KLN9798, Bucyrus, Ohio
 250 Danny Yant, KDHI030, Bradenton, Fla.
 251 Bob Sizemore, KLM8313, Cleveland, Ohio
 252 Henry McLeod, KKP1645, Perry, Fla.
 253 Albert Gulley, KIE0628, Coraopolis, Pa.
 254 Lloyd J. Tait, XM11-2045, Vancouver, B.C. Canada
 255 Evans Johnson, KLN9155, Manistee, Mich.
 256 Chuck Sylvestri, KLK5617, Chicago, Ill.
 257 Thomas Hixon, KHCl496, Chrisman, Ill.
 258 Don L. Fletcher, KLD1817, Seattle, Wash.
 259 Eddie Davis, KFA1739, Santa Ana, Calif.
 260 Timothy Copeland, KLQ0071, Hudson Falls, N.Y.
 261 Mary & Caroline Diehl, KKG1280, Bethlehem, Penna.
 262 Jack Virvitsky, KID4823, Lake Placid, N.Y.
 263 Raymond Randall, KLP2986, Hudson Falls, N.Y.
- PX-125 181 Jerry Harris, KLN3897, Weirton, W. Va.
 182 Jean DuBois, KKD6389, Middletown, N.Y.
 183 Gene Neumann, KLN9798, Bucyrus, Ohio
 184 Albert Gulley, KIE0628, Coraopolis, Pa.
 185 Joe & Goida Hughes, KKK5114, Mebane, N.C.
 186 Vincent Goodnuff, KLM7764, Belleville, Mich.
 187 Evans Johnson, KLN9155, Manistee, Mich.
 188 Ed Myers, KH2216, South Bend, Ind.
 189 A.D. Williams, KDE2173, Spartanburg, S.C.
 190 Eddie Davis, KFA1739, Santa Ana, Calif.
 191 Mary & Caroline Diehl, KKG1280, Bethlehem, Pa.

PX-150 143 Burrell Buffington, KID8628, Craryville, N.Y.
 144 Betty Tynsdale, KFG0730, Eugene, Oreg.
 145 Ronald Walters, KLK6913, Freeport, Ill.
 146 Vincent F. Goodnuff, KLM7764, Belleville, Mich.
 147 George Hunt, KBJ1122, Middletown, N.Y.
 148 A.D. Williams, KDE2173, Spartanburg, S.C.
 149 Eddie Davis, KFA1739, Santa Ana, Calif.
 150 Steve Yankee, 19A5551, Manistee, Mich.
 151 Harold & Betty Handley, KHA0733, Lockport, Ill.

PX-175 126 Betty Tynsdale, KFG0730, Eugene, Oreg.
 127 Bill McShea, KCG0200, Arlington, Va.
 128 A.D. Williams, KDE2173, Spartanburg, S.C.
 129 Herb Girard, KBD0747, Woonsocket, R.I.
 130 Lee Willick, KCJ3880, Raleigh, N.C.

PX-200 111 Charles Stafford, KLA0834, Fresno, Calif.
 112 Eddie Becker, KCG0706, Alexandria, Va.
 113 Wally Foster, KFA1060, Sierra Vista, Ariz.
 114 Gene Bull, KFA1059, Sierra Vista, Ariz.
 115 Richard Cady, KHJ6874, Winchester, Ky.
 116 Robert Thatcher, KBG7687, Hudson, N.Y.
 117 George Radenheimer, KHH1363, Middletown, Ohio
 118 Harold Channell, KCF1224, Alexandria, Va.

PX-225 108 Walt Wise, KFA4659, Anaheim, Calif.
 109 James Cross, KCF0823, Hagerstown, Md.

PX-300 101 Stanley Penc, KJB3337, Utica, N.Y.

MSA 149 Ted Templeton, KJI1094, Erie, Pa.
 150 Ruthie Bopp, KIC3500, Lewistown, Penna.
 151 Albert Gulley, KIE0628, Coraopolis, Pa.
 152 John Myort, KKA3088, Westfield, Mass.
 153 Betty Tynsdale, KFG0730, Eugene, Oreg.
 154 Bill McShea, KCG0200, Arlington, Va.
 155 Ronald Walters, KLK6913, Freeport, Ill.
 156 Lee Willick, KCJ3880, Raleigh, N.C.
 157 Mary & Caroline Diehl, KKG1280, Bethlehem, Pa.

SSC-1 171 Jerry Harris, KLN3897, Weirton, W. Va.
 172 Gene Neumann, KLN9798, Bucyrus, Ohio
 173 Chuck Sylvestri, KLK5617, Chicago, Ill.
 174 George Sherman, KBC4768, Rutland, Vt.
 175 Thomas Hixon, KHC1496, Chrisman, Ill.
 176 Wayne Heimsoth, KFD4886, Los Altos Hills, Calif.
 177 Mary & Caroline Diehl, KKG1280, Bethlehem, Penna.

SSC-2 137 Jerry Harris, KLN3897, Weirton, W. Va.
 138 Milton Seibert, KHB2112, Mt. Carmel, Ill.
 139 Edward Litke, KKD2992, Beacon, N.Y.
 140 A.D. Williams, KDE2173, Spartanburg, S.C.
 141 Mary & Caroline Diehl, KKG1280, Bethlehem, Pa.

SSC-3 117 Barney Ross, KCG1087, Washington, D.C.
 118 Edward Litke, KKD2992, Beacon, N.Y.
 119 Mary & Caroline Diehl, KKG1280, Bethlehem, Pa.
 120 Harold Channell, KCF1224, Alexandria, Va.
 121 Harold & Betty Handley, KHA0733, Lockport, Ill.

SSC-7 107 Walt Wise, KFA4659, Anaheim, Calif.

SSC-8 108 Walt Wise, KFA4659, Anaheim, Calif.

SSC-10 105 James Cross, KCF0823, Hagerstown, Md.

limited, 14 Vanderventer Avenue, Port Washington, N. Y. 11050. Deadline for listing in the June issue is April 12t..

Here are this month's swappers:

IQ5295 John Hart, 9 Carlton Terrace, Lynn, Mass.
 1W6216 Errol Engraving, 36 Hampden St., Westfield, Mass.
 2Q1147 George Delaney, 308 - 47th St., Union City, N.J.
 2Q1911 William Plog, 11 Gould Rd., Centereach, L.I., N.Y.
 2Q5468 Walt Alexander, 1233 Woodruff Ave., Hillside, N.J.
 2W8966 Helen Hiatt, P.O. Box 482, East Setauket, L.I., N.Y.
 3Q1618 Everett Lindsey, R.D. #1, Mount Holly, N.J.
 5Q2178 Elwyn Beam, Route 2, Vale, N.C.
 6Q4378 Ernest Watson, P.O. Box 104, Alpharetta, Ga.
 8Q1009 Sid Coryell, 4502 W. 29th St., Little Rock, Ark.
 9W1506 Earl Bethscheider, 1006 Kress St., Houston, Texas
 11Q0822 Gordon Fleming, 10999 Standard Ave., Lynwood, Calif.
 11Q2714 Eileen Inns, 530 Catalina Dr., Newport Beach, Calif.
 11W8551 Bob Blakeley, 3064 Royce Lane, Costa Mesa, Calif.
 12Q1341 Dave Jensen, 815 "B" Street, Yuba City, Calif.
 12Q2070 Gaston Dorisse, 19794 Stanton Ave., Castro Valley, Calif.
 17W5449 Henry Hawkins, Rural Route One-Box 86, Fair Grove, Mo.
 18B2648 Glenn Davis, 6143 N. Rockwell St., Chicago, Ill.
 18B2698 Maxine Dick, P.O. Box 167, Kokomo, Ind.
 18B3568 Howard Trumbles, 410 W. North St., Watskega, Ill.
 18Q4913 Tom Leadbetter, R.R. 4 - Box 40, Muncie, Ind.
 18Q8866 Richard Cary, Route 4 - Box 176, Russell Springs, Ky.
 19A5551 Steve Yankee, 357 1st St., Manistee, Mich.
 19A5964 Stan Sickler, 2310 Commor, Hamtramck, Mich.
 19Q0707 Jim White, Box 108, Syracuse, Ohio
 19Q4842 James Humburg, P.O. Box 647, Benton Harbor, Mich.
 19Q8152 John Kasten, 5916 Westbrook Dr., Brookpark, Ohio
 19Q9470 Adrian Fallert, 121 N. "C" St., Hamilton, Ohio
 19QA0442 Art DeFrain, Harbor Beach, Mich.
 20Q1360 Ivan Smith, 419 Water St., Danville, Pa.
 20Q4816 J.F. Simpson, Box 56, R.D. 3, Everett, Pa.
 KAG2607 Ernest Sawyer, P.O. Box 146, Marshall, N.C.
 KA19810 Earl Urbelis, 60 Boulevard, Greenlawn, L.I., N.Y.
 KAP2563 Burl Davis, Route 5, Parkersburg, W. Va.
 KBA0231 Charlie Adams, 691 Marlboro St., Keene, N.H.
 KBA5557 Ted Cummings, Bellflower Rd., Billerica, Mass.
 KBA6409 Everett Wadleigh, Box 54, Belgrade, Maine
 KBA8595 Lee Aspinall, 20 Forest Ave., North Haven, Conn.
 KBC0222 Ernie Borkman, Box 58, Hartford, Vt.
 KBC0533 Ruth Charon, 109 Bowers St., Holyoke, Mass.
 KBC0734 Steven Feyman, 79 Banks Rd., Swampscott, Mass.
 KBC4768 George Sherman, 25 Church St., Rutland, Vt.
 KBC5455 Sandy Fitzgerald, 30 Stevens St., Chicopee, Mass.
 KBC6510 Ralph Bryant, 716 Riverside Dr., Fairfield, Conn.
 KBC6692 Mert Swett, RFD 1 Raymond Hill Rd., Uncasville, Conn.
 KBC6819 Robert Giustina, 68 Dunmoreland St., Springfield, Mass.
 KBC8093 Dennis Cidale, 17 Water St., Stonington, Conn.
 KBC9194 John Weigel, 119 Shaw Street, New London, Conn.
 KBD0092 Bob Foster, 37 Linnea Lane, Reading, Mass.
 KBD0423 Ernest Ford, 28 Bowdoin St., Providence, R.I.
 KBD0585 Paul Roy, 225 Elm St., Southbridge, Mass.
 KBD0747 Herb Girard, 348 Carrington Ave., Woonsocket, R.I.
 KBD0987 John Laplante, 75 Reuter Ave., Pittsfield, Mass.
 KBD1222 Judy Bloxsum, 1647 Park Ave., Bridgeport, Conn.
 KBD1300 Ray Grele, 9 Argyle Circle, Seymour, Conn.
 KBD2689 L. Dawson, R.F.D. 3, Houlton, Maine
 KBD4096 Buck Lambert, RFD 1, Lebanon, N.H.
 KBG4667 John Krueger, 23 Standpipe Rd., Freehold, N.J.
 KBG5169 Ivan Enslar, 203 Canterbury Gate, Lynbrook, L.I., N.Y.
 KBG6576 Charles Armwine, 725 South Broad St., Trenton, N.J.
 KBG7180 Pat Purcell, 99 Harvard Dr., Hartsdale, N.Y.
 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 Hgts., N.J.
 KBG8153 Betty Krueger, 23 Standpipe Rd., Freehold, N.J.
 KBG8713 Joe Peller, MD 25 Overlook Dr., Newburgh, N.Y.
 KBH0301 Jack Whittier, 2400 Johnson St., Janesville, Wisc.
 KBH0797 Stan Shafer, 2205 North E St., Richmond, Ind.
 KBH0853 Tom Walton, 324 Kenilworth Rd., Louisville, Ky.
 KBH1426 Fred Stearman, R.R. #1 Box 16, Erie, Ill.
 KB10275 Hank Mancura, 64 Meadow Lane, Levittown, L.I., N.Y.
 KB11316 Don Urbelis, 60 Boulevard, Greenlawn, L.I., N.Y.
 KB11349 Jack Hopp, 240-19 144 Ave., Rosedale, N.Y.
 KB12123 Richard Riost, 2897 Ardsley Rd., Wantagh, L.I., N.Y.
 KB12251 Mona French, 19 Essex Lane, Old Bridge, N.J.
 KB13455 John James, 299 1/2 Lark St., Albany, N.Y.

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 Un-

KB13661 Bob Buchanan, 79 Bayard Lane, Princeton, N.J.
 KB16480 Art Scheid, 2 Essex Place, Hartsdale, N.Y.
 KB18077 John Krejci, 60 Division Ave., Garfield, N.J.
 KB18797 Jo-Jo Tybush, 20 South St., Albany, N.Y.
 KB19817 Bob Baisley, P.O. Box 439, Averill Park, N.Y.
 KB1J238 Mike Ensler, 203 Canterbury Gate, Lynbrook, N.Y.
 KB1J400 Billie Baisley, Averill Park, N.Y.
 KB1J722 George Hunt, 353 Highland Ave., Middletown, N.Y.
 KCA0312 Tony Formicelli, 46 Glenwood Blvd., Hudson, N.Y.
 KCA0345 Erwin Davis, 22 Parkwood Blvd., Hudson, N.Y.
 KCC1515 Orville Wright, 5856 Chestnut St., Phila., Pa.
 KCC1541 Donald Berle, 228 California Rd., Quakertown, Pa.
 KCC2969 Bob Stouch, R. D. 1, East Stroudsburg, Pa.
 KCC2976 Alta Dicks, 320 N. High St., Millville, N.J.
 KCC4356 Walter Roberts, 7943 Michener Ave., Philadelphia, Pa.
 KCD1896 Howard Taylor, South DuPont Rd., Penns Grove, N.J.
 KCD3398 My Miller, R. D. 2, Kempton, Pa.
 KCD4540 Mike McClatchy, Bowker Rd., Medford Pines, N.J.
 KCD5154 Earl Rogers, 224 Tuscany Rd., Maple Gardens, Chester, Pa.
 KCD5222 William Wright, R. D. 1, Green Lane, Penna.
 KCD5385 William Wright, Jr., R. D. 1, Green Lane, Penna.
 KCD5491 Bernie & Phyllis, 1509 Bondridge Rd., Wilm., Del.
 KCE0001 Tom Gerhart, 38 E. Lincoln Ave., Robesonia, Pa.
 KCF0329 Willie Lindsey, 63 W St., Annapolis, Md.
 KCF0823 Jim Cross, 755 S. Potomac St., Hagerstown, Md.
 KCF1224 Harold Channell, P.O. Box 4124, Alexandria, Va.
 KCF2446 Bob Crigger, 411 S. Mount St., Baltimore, Md.
 KCG0346 Bailey Curtis, 1028 Harrison Ave., Elkins, W. Va.
 KCG1087 Barney Ross, 425 Garden St., Washington, D.C.
 KCG1260 Marty Chittum, P.O. Box 509, Morgantown, W. Va.
 KCG1648 J. W. Smith, R. R. 2, Jane Lew, W. Va.
 KCG1835 Edsel Peacemaker, Route 2, Winchester, Va.
 KCG2891 Edith Becker, 4305 Franconia Rd., Alexandria, Va.
 KCG3068 Ricky Lowman, 1001 W. Addition St., Martinsburg, W. Va.
 KCG3569 Charles Berry, Nomreh Rd. Rt. 3, Salisbury, Md.
 KCG4106 Dave Royer, Route 1 Box 133, Finksburg, Md.
 KC11656 Allen St. Clair, 2847 Cannady Rd., Roanoke, Va.
 KC12842 Clarence Moore, Route 4, Box 34, Thomasville, N.C.
 KC15210 Red Cheek, 214 North Elm Drive, Winston-Salem, N.C.
 KC1J0690 James Deavers, Box 214, Bladenboro, N.C.
 KC1J1066 Kermit Minter, 314 W. Maryland Ave., Draper, N.C.
 KC1J2292 Hazel Stubbs, P.O. Box 1076, Rockingham, N.C.
 KC1J2621 Sam Moser, Rt. 7, Box 154, Winston Salem, N.C.
 KC1J2780 R. K. Harris, 513 McDonald Ave., Charlotte, N.C.
 KC1J2857 Charles Gabriel, P.O. Box 411, Roanoke Rapids, N.C.
 KC1J3095 Donald Kelley, Glen Allen, Virginia
 KC1J3880 Lee Willick, 3709 Hester Circle, Raleigh, N.C.
 KC1J4079 Jack Kirby, 3601 North Ave., Richmond, Va.
 KC1J4911 Jearl Bishop, 1801 Chatham Ave., Charlotte, N.C.
 KC1J5002 J. L. Kirkland, Route 7, Raleigh, N.C.
 KC1J5092 Doug Paynter, 1001 East Jefferson St., Charlottesville, Va.
 KC1J5269 Lawrence Paysour, Box 591, Dallas, N.C.
 KC1J5840 Roy Reynolds, 822 Greenbrier Ave., Covington, Va.
 KC1J6180 Buddy Williamson, 604 Gillespie St., Greensboro, N.C.
 KC1J6413 Wendell Proco, Route 1 (Rt. 114), Cambria, Va.
 KC1J6641 Charles Griffin, Route 1 Box 199, New London, N.C.
 KC1J6987 Tommy Pollok, Gladys, Virginia
 KC1J7737 Allon Clarke, 1009 Hamilton Ave., Clifton Forge, Va.
 KC1J8516 The Morrison's, 826 Longview Dr., Woodbridge, Va.
 KC1J8638 Roger Duncan, 610 Church St., Spray, N.C.
 KC1J9372 Gene Andrews, Route 5, Box 204, Glen Allen, Va.
 KDA0119 Jack Hall, 32 Pickard Circle, Lexington, N.C.
 KDB0371 Bill Howell, 545 Palmetto Lane, Sw, Aiken, S.C.
 KDB9372 Claude Hooper, RFD 3, Box 130, Sylva, N.C.
 KDC0390 Jerry Pater, 1195 Dale Road, Hamilton, Ohio
 KDC0443 John Blankenship, P.O. Box 363, Grayson, Ky.
 KDC0843 Raymond Sheely, Box 95, Petersburg, Ohio
 KDC1255 Ben Hefner, 1804 Lennox Ave., Lima, Ohio
 KDC1358 W. L. McKeever, 435 Lynn Ave., Lakeside, Ohio
 KDC1371 Fred Matyas, 1220 S. River Ave., Toronto, Ohio
 KDD1805 Freddie Martin, 897 N. Highland Ave. N.E., Atlanta, Ga.
 KDD6368 Dennis Laxton, Route 3, Box 387, Lenoir, N.C.
 KDD7568 William Beem, P.O. Box 52, Russellville, Ala.
 KDD8403 Lloyd Coop, 506 E. General St., Tullahoma, Tenn.
 KDD9162 Irene Beem, P.O. Box 52, Russellville, Ala.
 KDE0198 Albene Watson, P.O. Box 104, Alpharetta, Ga.
 KDE0565 Rodney Wise, P.O. Box 2953, Asheville, N.C.
 KDE0821 Johnny Morcombe, Box 186, Jamestown, Tenn.
 KDE2266 Richard Bolding, 805 W. Crawford St., Dalton, Ga.
 KDE4328 Gene Knight, P.O. Box 331, Haleyville, Ala.
 KDH1030 Danny Yant, 2815 Bowdoin Place, Bradenton, Fla.
 KD13211 Donna Wiley, 1601 Cimarron Trail, Wichita Falls, Texas
 KDI3558 Tom Smith, 1626 N. Bumby Ave., Orlando, Florida
 KDI4565 James Stanley, P.O. Box 346, Panama City, Florida
 KDJ0332 Nick Miller, Box 3006, St. Petersburg, Florida
 KEB1659 Ed. Field, P.O. Box 481, Gautier, Miss.
 KEB1661 Bob Fancher, Darling, Miss.
 KEB2231 Central Printing, 920 Vandewater, Fayetteville, Ark.
 KEB4002 Al Mayer, 306 West 8th, North Little Rock, Ark.
 KEB4614 Carlos Bailey, Route 6, Box 400, Pine Bluff, Ark.
 KED0572 Vernelle Cates, 2708 Virginia St., Baytown, Texas
 KEE1986 Jim Hawkins, 2502 Spokane Rd., San Antonio, Texas
 KEE2031 John Wasson, 334 Cypress, Lake Jackson, Texas
 KEE2099 Bill Hills, 181 Linda Circle, Ocean Springs, Miss.
 KEE3243 Jesse Meadows, 7307 Adelbert St., Houston, Texas
 KEE3761 H. Broaduss, 1300 Kyle Rd., Clute, Texas
 KEH0445 Wally Williams, 1428 Purdue, Oklahoma City, Okla.
 KEH1105 Fred Kimbro, 213 N. Edmond, Muskogee, Okla.
 KEH5846 Kenneth Bales, Box 295, Gaymon, Okla.
 KEH7235 John Glover, 2428 Hugo St., Dallas, Texas
 KEJ0071 Melvin Nutting 932 Western Ave., Colton, Calif.
 KEJ5828 John Hamner, 12350 So. Fern Ave., Ontario, Calif.
 KEJ5869 Johnnie France, Box 4146, Riverside, Calif.
 KEJ7350 Bill Lipsis, 839 Terra Lane, El Cajon, Calif.
 KFA1739 Eddie Davis, 1609 W. 10th St., Santa Ana, Calif.
 KFA2338 Frank Wetzell, 916 Larker Ave., Los Angeles, Calif.
 KFA3071 Dennis Van Hook, 391 Freear Dr., Buellton, Calif.
 KFA4077 Smitty Smith, 11142 Penn St., Lynwood, Calif.
 KFA4167 Mike Daugherty, 2736 E. Fairmont, Phoenix, Ariz.
 KFA4659 Walt Wise, 613 No. Glenwood Place, Anaheim, Calif.
 KFA9144 Thomas Couch, 9422 Blackley St., Temple City, Calif.
 KFA9923 Helen Moser, P.O. Box 1395, Ontario, Calif.
 KFB0363 Jack Brasher, 524 North Griffith Park Dr., Burbank, Calif.
 KFB0396 Ron Federico, 815 No. Palisade Dr., Santa Maria, Calif.
 KFC3866 Rex Mathews, 407 Potomac Ave., Sacramento, Calif.
 KFC4415 Jimmy Bennett, 12 Nielson Ave., Yuba City, Calif.
 KFD0518 Bob Gomes, 289 MacArthur Ave., Pittsburg, Calif.
 KFD1525 Chuck Watrous, 421 W. 12th St., Tracy, Calif.
 KFD1943 Gene Wulff, 1466 Sundown Lane, San Jose, Calif.
 KFD2055 Chuck Boehnke, P.O. Box 223, Los Gatos, Calif.
 KFD3924 Steve Seteroff, 380 "B" Street, Hayward, Calif.
 KFD4230 Neil Sweetland, 2505 Arthur, Fresno, Calif.
 KFD4870 Bud Fischer, 1525 Blackstone, Fresno, Calif.
 KFD5811 Larry Kluedner, P.O. Box 183, Oroville, Calif.
 KFD6256 Marilyn Pinola, 3305 Mabel St., Sacramento, Calif.
 KFG1731 Jud Bressler, 2792 Commercial St. S.E., Salem, Oreg.
 KFJ1703 Jim Woodland, 2014 West Broadway, Spokane, Wash.
 KGF0208 Roy Dakin, 4161 South Lincoln St., Englewood, Colo.
 KGF1236 Don Nelson, 5912 West 46 St., Sioux Falls, S. Dak.
 KGF1773 Dave Kryzer, 553 East 7th St., Winona, Minn.
 KGH0560 Robert Wernsman, Box 97, Prague, Nebr.
 KGH2584 Joseph Rose, 1009 Figg, Wichita, Kansas
 KGH3372 Wayne Hutchins, P.O. Box 311, Carthage, Mo.
 KGH8427 Vernon Davis, 5248 Beluga Ave., Ft. Richardson, Alaska
 KGI2148 Jim Biles, 1108 East 58th St., Kansas City, Mo.
 KGI6082 W. F. Wilson, 900 South Madison, Plainville, Kansas
 KGI6100 Robert Schimick, 357 No. Waco, Wichita, Kansas
 KGI6979 Don Marshall, 301 Circle Dr., Carrollton, Mo.
 KGI7912 Donn Stoneburg, Box 221 Ames Ave., Omaha, Nebr.
 KGI8017 Mel Hammer, Box 326, Valley Center, Kansas
 KGI9206 Bud Ward, 968 Lindeman, Des Peres, Mo.
 KHA0733 Harold Handley, 13800 W. 145th Place, Lockport, Ill.
 KHA3006 Harold Calhoun, R. 2 Box 198, Ft. Madison, Iowa
 KHA7523 Kay Kagel, P.O. Box 3504, South Bend, Ind.
 KHA8376 Gordon Vespel, 801 S. Franklin St., Garrett, Ind.
 KHB0639 Dick Kessler, R. R. 4, Olney, Ill.
 KHB1210 Larry Rost, R. R. 2, Muscatine, Iowa
 KHB1535 Bob Kagel, P.O. Box 3504, South Bend, Ind.
 KHB2113 Risley Farms, R. F. D. 4-Highway 15 West, Mt. Carmel, Ill.
 KHB2233 Harold Conley, 1516 Hedge Rd., Champaign, Ill.
 KHB3971 Larry Parkhurst, 1000 West 11th St., Muncie, Ind.
 KHC4377 Dave Price, 2026 Schuyler Ave., Lafayette, Ind.
 KHC8347 Jim Taylor, Rosine, Kentucky
 KHC9189 Julia Meister, 1227 N. Ninth St., East St. Louis, Ill.
 KHD1993 Rod Spillman, 205 W. Emerson, Bloomington, Ill.
 KHD4705 George Newberry, 1027 W. Douglas St., Freeport, Ill.
 KHD5777 Jim Carey, R. R. #1; Sylvan Lake, Rome City, Ind.
 KHD6168 Leo Hazens, 1224 - 14th St., Rock Island, Ill.
 KHD6438 Charles Weatherholt, On Highway 140, Alhambra, Ill.
 KHD8210 Adelade Harris, R. R. 5, North Vernon, Ind.
 KHD8505 Lucile Webber, Box 421-A-1, Spring Grove, Ill.
 KHD8713 Bob Graham, Box 3, Kenilworth, Ill.
 KHD9379 David Jacobs, 5048 Laurel Dr., Indianapolis, Ind.
 KHE0875 Weldon Jones, Box 26, 504 W. Kirkwood, Bloomington, Ind.

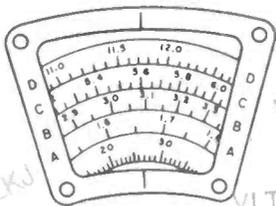
KHE0968 Mick Newton, 634 Madison Ave., Evansville, Ind.
KHG1923 Bob Gillespie, 31805 Densmore Rd., Willowick, Ohio
KHG4945 C. M. Cooley, 1006 Hoover Ave., Hamilton, Ohio
KHG5222 Wl Holt, Clare, Mich.
KHG6303 Walter Dodds, 4216 W. 22 St., Cleveland, Ohio
KHG9069 Herb Riggles, Route 5, Zanesville, Ohio
KHC9554 Jerry Roberts, 1584 Stewart Rd., Lima, Ohio
KHH0407 Jerry Rathburn, 22 W. Main St., Alexandria, Ohio
KHH1363 Geo. Radenheimer, 3121 Andrew St., Middletown, Ohio
KH43134 Flint McCullough, 800 12th St. S.W., Massillon, Ohio
KH27203 James McClure, R. R. #1, Box 217, Yawkey, W. Va.
KH2786 Don Steinmetz, 125 N. William, Marine City, Mich.
KH2916 Larry Bauder, 120 Bradley Rd., Midland, Mich.
KH2952 Bill Culver, 119 East Brooks, Howell, Mich.
KH3835 John White, R. R. 1, Middle Point, Ohio
KH14300 Larry Doyle, 171 Gregory Lane, Hamilton, Ohio
KH17117 John Anderson, Route 1 Box 155-A, Hinton, W. Va.
KH19979 Gene Taylor, 121 N. Adolph Ave., Akron, Ohio
KHJ1206 Herb & Marty Snyder, 1516 Lockwood Rd., Barberton, Ohio
KHJ1415 John Bryant, Rt. 1 - Box 254-G, Bellefonte, Penn.
KHJ1858 Norm Owings, 505 N. Clairmont, Springfield, Ohio
KHJ2246 Gus Cottis, R. D. 2, Bantam Ridge, Wintersville, Ohio
KHJ2653 Jeff Cunningham, 3317 Orchard Dr., Portsmouth, Ohio
KHJ3477 Donald Belitz, 13474 Enid Blvd., Lake Fenton, Mich.
KHJ3482 Robert Albright, R. 3, Alpena, Mich.
KHJ4670 Allen Zielke, R. #2 Box 184, Buchanan, Mich.
KHJ4747 Don Senger, 2650 Mandale, Orchard Lake, Mich.
KHJ5485 Don Larabel, 14865 Stout, Detroit, Mich.
KHJ6270 Pamela Albright, 110 W. State St. Box 369, Springboro, Ohio
KHJ6508 Ralph Husk, 1103 1/2 Olive St., Parkersburg, W. Va.
KHJ6874 Richard Cady, P. O. Box 193, Winchester, Ky.
KHJ7135 Sam Mercer, 2607 - 16th Ave., Parkersburg, W. Va.
KHJ7270 Bob Wilkinson, 500 Magnolia Ave., Cuyahoga Falls, Ohio
KHJ8472 Doug Thrashers, 1164 Lindsay Ave., Akron, Ohio
KHJ8843 Bob McCarty, Route 4, Mt. Sterling, Ky.
KHJ9183 Ed. Empies, 133 Spring St., Battle Creek, Mich.
KHJ9317 James Denman, 809 E. Bellefontaine St., Wapakoneta, Ohio
KHJ9411 Jim Waters, 28 S. Pembroke Ave., So. Zanesville, Ohio
KHJ9508 Al J Fosnough, P. O. Box 674, Killeen, Texas
KHJ9618 Lou Orgovan, 3302 Cypress Ave., Cleveland, Ohio
KHJ9961 Tim Hamilton, P. O. Box 572, Wooster, Ohio
KIA0174 Tom Rogowski, 2915 Noddin Way, Portsmouth, Ohio
KIA0762 Leroy Butler, 1808 Lennox, Lima, Ohio
KIA1323 Nancy Harris, P. O. Box 263, Steubenville, Ohio
KIC2126 Robert Snively, 724 Leshar Ave., Waynesboro, Penna.
KIC2881 Mike Ripski, 72 Mooney Rd., Plymouth, Pa.
KIC7539 Kevin Parks, 132 Cantwell Drive, Buffalo, N. Y.
KID0007 Fred Martz, Davis-Lane Speedway, Hustontown, Penna.
KID0186 Kathy Reshetar, 102 1/2 Walnut St., Binghamton, N. Y.
KID0435 Emerson Stanton, 609 Fern St., Clark's Summit, Pa.
KID0696 Pat Norton, 3 Wheeler Ave., Cortland, N. Y.
KID2617 George Thayer, 62 Clinton St., Salamanca, N. Y.
KID4563 Pete Gabrielli, 751 Parsells Ave., Rochester, N. Y.
KID5144 John Fudge, 54 Dexter St., Wilkes-Barre, Pa.
KID5293 George Gould, Box 42, Hudson Falls, N. Y.
KID5968 John Norman, Box 249, Watkins Glen, N. Y.
KID6356 Roscoe Harrington, 5 Schuyler St., Hudson Falls, N. Y.
KID7256 Stan Allen, 752 Grant Street, Johnson City, N. Y.
KID8232 Roy McGregor, R. D. 2, Central Square, N. Y.
KIE0296 Gerald Knouff, 507 East High St., Ebensburg, Pa.
KIE0307 John Lockwood, R. D. 2, Cuban, N. Y.
KIE0628 Al Gulley, R. D. 3, Box 392, Coraopolis, Pa.
KJH0080 Robert Grubbs, R. F. D. #3, Winston-Salem, N.C.
KJH0777 John White, 311 Owen Ave., Elmira Heights, N. Y.
KJH1072 Len Siedinski, 18 Ames Ave., Tonawanda, N. Y.
KJH1212 J'S Stamp & Print Shop, 57 Amm St., Bradford, Pa.
KJH1640 Ann Long, 10482 South Street Road, Leroy, N. Y.
KJH1893 Andy Denko, 66 Monroe St., Saratoga Springs, N. Y.
KJH2293 Frank Dykeman, 339 Harter St., Herkimer, N. Y.
KJH2342 Fenton's, 125 A-W Lake Rd., Penn Yan, N. Y.
KJH3033 Eugene Jackson, 896 Blanchard Ave., Chambersburg, Pa.
KJH3114 Walter Bourne, 184 Ogden Center Rd., Spencerport, N. Y.
KJH3461 John Garzel, Box 286, Austin, Penna.
KKA0608 Sandy Lemolne, 24 Noble St., Springfield, Mass.
KKA0658 Jerry Cote, 105 Old Walpole Rd., Keene, N.H.
KKA1333 Johnny Williams, 60 Coburn St., Lynn, Mass.
KKA1362 Chet Decker, Darkharbor, Maine
KKA1485 Wendell Dashno, 14 S. Elm St., Albans, Vt.
KKA1657 Everett Klett, 39 Brownell Ave., Hartford, Conn.
KKA1997 Jim McSwain, R. F. D. 2 Windsor, Vt.
KKA3088 John Myott, 16 Washington St., Westfield, Mass.
KKA4210 Dick Clogston, Starks, Maine
KKA4511 Maynard Gerrish, West Peru, Maine
KKA4551 James O'Brien, 15 Stratford Place, West Lynn, Mass.
KKA5072 Bob Knowlton, 166 Pleasant St., Otter River, Mass.
KKA5174 George Brown, 101 Truman St., New London, Conn.
KKA5305 Chase's Engraving, 175 Kitemang Rd., Uncasville, Conn.
KKA5810 Kurt Fritzingr, 23 Howard St., Reading, Mass.
KKA6048 Mike Suktava, 198 Mercier Ave., Bristol, Conn.
KKA6160 Paul Klett, 39 Brownell Ave., Hartford, Conn.
KKA6868 Bill Hughes, 23 Maplewood Terrace, Pease AFB, N.H.
KKA6885 William Lafond, Eagle Peak Rd., Pascoag, R. I.
KKA6894 David Goodwin, 68 South Broadway, Lawrence, Mass.
KKA7269 Phil Newcomb, 59 Center St., Ballardvale, Mass.
KKA7402 John Flynt Jr., c/o Royal Coach Motel, Weirs Bch., N.H.
KKA7688 Bill French, 52 Pendexter St., Lynn, Mass.
KKA7816 Anthony Silva, 9 Holway Ave., Provincetown, Mass.
KKA7957 Robert Melnuk, Wiscasset, Maine
KKA7986 Jon Chamblee, Jefferson, Maine
KKA7994 Jim DeLuce, 87 Woodward Ave., Middletown, Conn.
KKA8101 John Moriarty, 86 Beacon St., Florence, Mass.
KKA8456 Joe Cambio, 31 Woodbury Ave., Norwalk, Conn.
KKA8764 Alan French, 470 Eastern Ave., Lynn, Mass.
KKA8782 Don Russell, RFD #1 - River Road, Bucksport, Maine
KKA9235 Don Nicholas, 166 Prescott St., Reading, Mass.
KKA9350 Morris Day, Medway, Maine
KKA9530 Bob Christensen, 8 Eighth Street, Newington, Conn.
KKA9690 Peter Flynn, 212 Allen St., Springfield, Mass.
KKA9788 Steve Kaplan, 91 Valentines St., New Bedford, Mass.
KKA9862 Pat Wallingford, 20 North Marriner St., So. Portland, Maine
KKA9907 Alfred Rawley, P. O. Box 426, Camden, Maine
KKB0087 Walter Lacey, 46 Oread St., Worcester, Mass.
KKB0170 Mike McClure, 486 Sabattus St., Lewiston, Maine
KKB0210 Garry Welgel, 119 Shaw Street, New London, Conn.
KKB0348 Gary Marsh, RFD 1-Box 159, Lebanon, N.H.
KKB0553 Dick Waldron, Spruce Head, Maine
KKB0712 Steve Chmura, 268 Parker Street, Indian Orchard, Mass.
KKB0961 Bruce Carey, 3 Giffin St., Keene, N.H.
KKB1195 Bud Geray, 183 East Main St., Chicopee Falls, Mass.
KKB1522 Jim Milo, 26 Taunton St., Southington, Conn.
KKB1587 Al LaPointe Jr., 60 Prospect St., New Britain, Conn.
KKB1777 Don Johnson Sr., Ashuelot, N.H.
KKB2011 Frank Miller, Thomas Circle, Southampton, Mass.
KKB2335 Frank Demoree, 37 Rockaway St., Lynn, Mass.
KKB2813 Robert Haught, 12 Sterling St., New Britain, Conn.
KKB3012 John Aureli, 22 Union St., Winooski, Vermont
KKB3063 Floyd Magnano, 136 Liberty St., Middletown, Conn.
KKB3189 Reginald Marsh, RFD #1, Box 159, Greensboro, Lebanon, N.H.
KKB3262 John Casper, Park Ave., Dixfield, Me.
KKB3548 John Monaco, 118 Ledgecrest Ave., New Britain, Conn.
KKB3681 Bruce Cushing, 30 Cottage Street, Keene, N.H.
KKD0117 Dan Weggeland, 173 Madison Ave., Morristown, N.J.
KKD0349 Jack Golden, 5025 Broadway, N. Y. C., N. Y.
KKD0491 Mike Kaplan, 37 Fairview Terrace, Maplewood, N.J.
KKD1177 Christopher Ordal, 5 Shelley Rd., Short Hills, N.J.
KKD1311 Don Brandt, 1 Farmstead Rd., Short Hills, N.J.
KKD1553 Norm Schweitzer, 99 Featherbed Lane, Bronx, N. Y.
KKD2495 Jay Dubner, 1072 Ruth Place, North Bellmore, L. I., N. Y.
KKD2679 Charlie Schmelztz, 9 Middle Road, High Falls, N. Y.
KKD2992 Edward Litke, 18 East Main St., Beacon, N. Y.
KKD3296 George Masny, 299 E. 8th St., New York, N. Y.
KKD3429 Cliff Share, 132 Greenway, Albertson, L. I., N. Y.
KKD3441 Michael Papienuek, 20-2 Alois Pl., Paterson, N. J.
KKD5400 Bill Kuskin, 55 Nerwood Rd., Springfield, N. J.
KKD6074 Dennis Spata, 283 Hope Ave., Passaic, N. J.
KKD6219 Bob Reedy, 349 N. Boston Ave., N. Massapequa, L. I., N. Y.
KKD6389 Jean DuBois, RFD #4-Chestnut Hills, Middletown, N. Y.
KKD6477 Mitch Pomerantz, 439 Hawthorne Ave., Newark, N. J.
KKD7499 Norman Bernstein, 90 Redwood Lane, Massapequa Park, N. Y.
KKD7623 Vinny Cavichic, Lake Valley Rd., RFD 1, Morristown, N. J.
KKD7750 Joel Fishman, 1810-80th St., Brooklyn, N. Y.
KKD8372 Mike Mazonne, 438 Livingston Ave., Albany, N. Y.
KKD8808 Louis Fimine, 355 Eighth Ave., New York, N. Y.
KKD8859 Charles McNally, 36 Marble Hill Ave., New York, N. Y.
KKD9403 John Allen, P. O. Box 127, Park Ridge, N. J.
KKD9486 Willie Bergman, 248-02 76th Ave., Bellerose, L. I., N. Y.
KKD9511 Mitch Zimmer, 1213 East 83rd St., Brooklyn, N. Y.
KKD9884 Mitchel Gruick, 925 Waring Ave., Bronx, N. Y.
KKE0023 John Grode, 73 Chuckanut Dr., Oakland, N. J.
KKE0663 Brian Zeky, Box 131, Crarryville, N. Y.
KKG0046 Ira Littel, 17 North State St., Vineland, N. J.
KKG0335 Larry Love, East Landis Ave., Vineland, N. J.
KKG0371 Ken Yost, Sunset Lake Rd., Newark, R. D. 1 Del.
KKG0930 Lew Keen, South Chestnut St., Elverson, Penna.

KKG1063 Edw. Stone, R. D. 3, East Stroudsburg, Pa.
 KKG1280 George Solomon, 1254 Second Ave., Hellertown, Pa.
 KKG1761 George Axe, 218 S. Hawthorne St., York, Pa.
 KKG2520 Norman Betty, 3801 Newport Gap Pike, Wilmington, Del.
 KKG2712 Claude Dye, R. D. 3, Pottstown, Pa.
 KKG3061 Ralph Stark, 146 Grape St., Reading, Pa.
 KKG3229 Don Schmitt, Box #14, Gettysburg, Pa.
 KKG3692 George Solomon, 1254 Second Ave., Hellertown, Pa.
 KKG3920 Rudy Freimann, 47 Barto Rd., Bally, Pa.
 KKG3987 John LeMay, 28 E. Water St., Gettysburg, Pa.
 KKG4062 Jeff Tytler, 526 Sixth Ave., Collegeville, Pa.
 KKG4207 George Nolf, P.O. Box 25, Mertztown, Pa.
 KKG4329 Donald Shue, 355 S. George St., York, Pa.
 KKG4472 Marne Bubeck, 109 East Main St., Schuylkill Haven, Pa.
 KKG4482 Lee Petrucci, 316 West Van Buren Ave., New Castle, Del.
 KKG4762 Charlie Stauffer, R. D. #1, Holtwood, Pa.
 KKG4850 Peter Bernard, 508 Clark Ave., Folsom, Pa.
 KKI0503 Tom Aaron, 116 Wilmont Ave., Cumberland, Md.
 KKI1526 John Warrenfeltz, 1005 Bramly Court, Hagerstown, Md.
 KKI2000 Tom Termini, 4611 Langdrum Lane, Chevy Chase, Md.
 KKI2031 Bill Dunlap, Rt. 4 Mexico Farms, Cumberland, Md.
 KKI2063 Joe Mory, 2501 Washington Blvd., Balto., Md.
 KKI2997 Don Breitweiser, 947 Maryland Ave., Hagerstown, Md.
 KKI3315 Bryan Walters, 1520 Quincy Ave., Falls Church, Va.
 KKI3355 Donald Vaughn, 318 Mulhensburg St., Woodstock, Va.
 KKI3745 Don Petri, 2712 White Ave., Balto., Md.
 KKI4476 William Schirmscher, 1512 S. Columbus St., Arlington, Va.
 KKK0471 J.L. Kirkland, Route 7, Raleigh, N.C.
 KKK0745 Jimmy Chocklett, 504 Denby St., Wilson, N.C.
 KKK2869 Kelly Howard, 415 Broad St., Oxford, N.C.
 KKK4239 Bill Hovis, 334 Baldwin Ave., Charlotte, N.C.
 KKK4396 Lynn Balles, 3033 Raymond Rd. S.W., Roanoke, Va.
 KKK4428 Jack Lineberry, Rt. 2 Box 250, Glen Allen, Va.
 KKK5114 Joe Hughes, 205 S. 10th St., Mebane, N.C.
 KKK5474 Bill Riggelman, Edom, Virginia
 KKK5782 Richard Mitchell, 403 E. Delaware, Draper, N.C.
 KKK6182 Gordon Gallahan, 211 Butler Rd., Fredericksburg, Va.
 KKK6606 Rob Dalton, Bland, Virginia
 KKK7323 Carolyn Riggelman, Edom, Virginia
 KKK7365 Bob Crumpler, Rest Haven, Dunn Rd., Fayetteville, N.C.
 KKK7871 E.W. Thompson, Route 2, Harrisonburg, Va.
 KKK8094 Ron Lovern, Route 2, Box 292, Salem, Va.
 KKK8147 Lee Runion, 127 Alfred Lane, Fayetteville, N.C.
 KKK8262 Patricia Harris, P.O. Box 6, Bethel, N.C.
 KKM0158 Mickey Haines, 19 Orchard Place, R.R.1, Morrow, Ga.
 KKM0193 Daniel Parker, Armathwaite, Tenn.
 KKM0562 Bill Gibson, P.O. Box 2004, Macon, Ga.
 KKM0735 Ebbie Odom, 140 Dupree St., Chester, S.C.
 KKM0911 Grady Hill, 205 Walnut St., Union, S.C.
 KKM2052 Linton Slappey, P.O. Box 52, Plains, Ga.
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 KKM7482 Charles Cromer, Route 1, Box 282A, Newberry, S.C.
 KKM7788 Claude Witt, 814 S. Webb Ave., Crossville, Tenn.
 KKM9147 John Bessinger, 1 Apple St., Bartwell, S.C.
 KKM9224 Robert Stephens, Route 12-Box 409, Birmingham, Ala.
 KKM9789 John Jackson, 542 Tara Dr., Forest Park, Ga.
 KKN0258 Bill Powers, P.O. Box 104, Bowling Green, S.C.
 KKN0300 Steve Masten, P.O. Box 4, Boone, N.C.
 KKN0628 Glenn Owens, Route 3, Newport, Tenn.
 KKN0673 Randall Thomas, Box 108, Boone, N.C.
 KKN0751 Carl Taylor Jr., Route 5, Elizabethton, Tenn.
 KKN0793 G.W. Page Jr., Box 398, Lake View, S.C.
 KKN0882 F.L. Parmenter, 229 Ridgeway Road, Hueytown, Ala.
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 KKN1900 Dwight Edmisten, P.O. Box 544, Boone, N.C.
 KKN1944 Howard Sanders, P.O. Box 212, Dora, Ala.
 KKN2690 Carroll Rogers, Box 178, Middletown, Conn.
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 KKN4088 Ken Roberts, 131 Alabama Ave., Macon, Ga.
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 KKP2232 Carol Sanders, 3209 Cherokee Ave., Tampa, Fla.
 KKP2242 Frank Wolfgangs, 4729 Bay Vista Ave., Tampa, Fla.
 KKP2504 Harry Nechetsky, 133 N. Partin Dr., Niceville, Fla.
 KCP3209 Bill Martin, 1301 Pine Ridge Dr., Holly Hill, Fla.
 KKP4124 Gene Pairgin, 5111 68th Street North, St. Petersburg, Fla.
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 KKP5298 Greg Green, 3725 Dover St., Orlando, Fla.
 KKR2939 Bobby Sanford, 111 King St., Columbus, Miss.
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 KKT3774 Bill Freeman, 4000 Nagle, Bryan, Texas
 KKV3836 Clarence Norton, 512 W. Broadway, Longview, Texas
 KKV4589 Paul Drennon, 2402 Anderson, Irving, Texas
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 KXX6042 Curly Bartlett, 123 W. Branch St., Arroyo Grande, Calif.
 KXX6641 Harvey Ingersoll, 12859 Sherman Way, No. Hollywood, Calif.
 KXX7083 James Fuller, 405 Fillmore St., Taft, Calif.
 KXX8439 Ray Oxley, 904 Roberts Ln., Bakersfield, Calif.
 KLA0821 Chuck Munoz, 1284 Crowley Ave., Santa Clara, Calif.
 KLA1014 Bob Balanco, 2183 Altamont Rd., San Leandro, Calif.
 KLA3648 Jim Cox, 1865 Michigan, Stockton, Calif.
 KLA4173 Clark Thornton, 14690 San Pablo Ave., San Jose, Calif.
 KLA4816 Dan Beebe, 1 Spruce St., Vallejo, Calif.
 KLA5173 Chuck Hopper, 834 Florida St., Vallejo, Calif.
 KLA5339 Larry Horton, 2369 Mammoth Dr., San Jose, Calif.
 KLA5629 Carroll Hatchell, 2222 Sacramento St., Vallejo, Calif.
 KLA5848 Desi Landi, 10627 North Stelling Rd., Cupertino, Calif.
 KLA6402 Bruce Farley, 3679 Bryant St., Palo Alto, Calif.
 KLA6569 Bob Wright, 1243 Sierra Mar Dr., San Jose, Calif.
 KLC1458 Ben Kuehn, 19337 N. E. Glisan, Portland, Oregon
 KLD0462 Herbert Ingersoll, 548 Edith, Walla Walla, Wash.
 KLD0488 Ben Michel, 4616 So. Lucile, Seattle, Wash.
 KLD0922 Art Spengler, R. F. D. 1-Box 48, Grangeville, Idaho
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 KLD2044 Bob Huson, 2117 Lombard, Everett, Wash.
 KLF0545 Curt Lundgren, 5601 Nokomis Lane, Minneapolis, Minn.
 KLF1410 Larry Johnson, 611 Packard St., Tomah, Wis.
 KLF3122 Roger Crane, 539 Depot St., Manawa, Wis.
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 KHL2891 Tom Vance, 515 E. Chase, Springfield, Mo.
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 KHL6583 William Royal, Syracuse, Nebr.
 KHL7398 Bob Carr, 1507 Jefferson, Great Bend, Kansas
 KHL7458 Chuck Stagner, 3833 East 68th St., Kansas City, Mo.
 KHL7945 James Price, 3409 E. 7th St., Kansas City, Mo.
 KHL8133 Norman Royal, Syracuse, Nebr.
 KHL8375 Mike Anthes, 7804 Bloom Drive, Normandy, Mo.
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 KLJ1579 Jerry Brazile, 4334 3rd Ave., Rockford, Ill.
 KLJ2067 Butch Felmetzen, 4401 West Shore Dr., McHenry, Ill.
 KLJ2946 Harold Bjorkquist, 8878 South 84th St., Frankin, Wis.
 KLJ3382 Earl Gordon, 419 W. Grand Ave., Decatur, Ill.
 KLJ3945 William Turner, 1728 Ford Ave., Owensboro, Ky.
 KLJ4006 Al Waldsmith, 2710 W. State St., Rockford, Ill.
 KLJ4663 Bev Chappell, 3644 E. Minnie St., Decatur, Ill.
 KLJ5993 Bob Frankowiak, 1722 Brown Ave., Whiting, Ind.
 KLJ6057 Myrtle Hittle, 1601 So. 4th St., Richmond, Ind.
 KLJ6355 Ernie McMichael, 2310 W. 28th, Muncie, Ind.
 KLJ6815 Liz McMichael, 2310 W. 28th, Muncie, Ind.
 KLJ7357 Bud Bachman, 2725 Vinton Ave., Rockford, Ill.
 KLJ7778 Harold Thompson, 731 East Jefferson, Chrisman, Ill.
 KLJ9180 Jerry Gaughan, 1826 Davis Ave., Whiting, Ind.
 KLJ9475 Bill Gee, 7537 N. Kostner, Skokie, Ill.
 KLJ9747 Leonard Fairley, R. R. 2, Chatsworth, Ill.
 KLK1408 Pat Adams, 509 May Street, Sumner, Ill.
 KLK1581 Frank Hawley, 2313 Johnson St., Keokuk, Iowa
 KLK1965 Jim Hanson, Scales Mound, Ill.
 KLK1975 W.H. Willett, Lewispport, Ky.
 KLK2079 Russell Smith, 107 So. State St., Louisville, Ky.
 KLK2149 Rexford Niccum, R. F. D. 1, North Manchester, Ind.
 KLK2458 Lincoln Ide, 7842 So. McVicker, Oak Lawn, Ill.
 KLK3138 Chuck Brown, 2817 Ruby Ave., Racine, Wis.
 KLK3310 Tom Wells, 911 Oakley St., Evansville, Ind.
 KLK3619 Matt Loeffler, 2169 South 64th St., West Allis, Wis.
 KLK4399 Virgil Watts, 4255 E. Lincoln, Decatur, Ill.
 KLK4588 Ruth Copples, 1749 W. Ravina Park Rd., Decatur, Ill.

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 KLLK5768 John Paida, 2840 So. Kenneth Ave., Chicago, Ill.
 KLLK6006 Bob Hertzberg, 5213 W. Parkview Dr., Mequon, Wisc.
 KLLK6983 Jim Schmitz, Route 51 South, Pana, Ill.
 KLLK7004 Wm. Porath, 985 Reddin Ave., Neenah, Wisc.
 KLLK8405 Betty Dungan, 208 N. Main St., Dunkirk, Ind.
 KLLK8631 Paul Epler, 918 N. Cooper, Peoria, Ill.
 KLLK9539 Mike Geiger, Box 83, Culver, Ind.
 KLL0483 Bruce Swantek, 4349 Bobolink, Skokie, Ill.
 KLLM3893 Robert Elam, 714 Livingstone, Pontiac, Mich.
 KLLM4446 Scott Wittenburg, 3037 North Hill Rd., Portsmouth, Ohio
 KLLM4504 Danny Wilt, Rt. 3, Cowen, W. Va.
 KLLM4842 Bessie Hazen, 231 North Mead St., Zanesville, Ohio
 KLLM5051 Jim Swartz, 62 Stadium Dr., Tallmadge, Ohio
 KLLM5233 Cecil Campbell, 5687 Eldridge, Pontiac, Mich.
 KLLM6546 Mike Craft, 510 Miller Ave., Hinton, W. Va.
 KLLM7311 Richard Heysek, 2430 West Sprague Rd., Parma, Ohio
 KLLM7450 Bill Piper, Rt. 5, Box 414, Swanton, Ohio
 KLLM7763 Jim Warner, 836 Pensacola, Pontiac, Mich.
 KLLM9195 Mark Mamas, 1509 Coles Blvd., Portsmouth, Ohio
 KLLM9197 Bob Fritz, 801 Chestnut St., Coshocton, Ohio
 KLLM9517 Jim Rollins, 805 W. Lawrence Ave., Charlotte, Mich.
 KLLN0692 Bob Hayes, 29070 Bretton, Livonia, Mich.
 KLLN0934 Leonard Beaudry, 32821 River Rd., E. Rockwood, Mich.
 KLLN1595 Florence Shane, Route 1, Lakeville, Ohio
 KLLN1831 Roy Bullock, 5th Street Road, Corbin, Ky.
 KLLN2595 Bob Levy, 2728 Burnaby Dr., Columbus, Ohio
 KLLN3127 Jim Stroud, 10 Huntington Place, Kettering, Ohio
 KLLN3288 Frank Neer, 2231 Prame Ave., Cleveland, Ohio
 KLLN3731 Norm Sieggreen, 1532 N. Bond, Saginaw, Mich.
 KLLN3897 Jerry Harris, 651 Cove Road, Weirton, W. Va.
 KLLN4091 Clare Wilson, 94 E. Colgate, Pontiac, Mich.
 KLLN4366 Grant Bryan, 669 Harvard St., Akron, Ohio
 KLLN4898 Ernie Zam, 2737 Northvale Rd., Oregon, Ohio
 KLLN5176 Sammy Maze, 914 Race St., Parkersburg, W. Va.
 KLLN5237 Ken Hess, 2005 Beal Ave., Lansing, Mich.
 KLLN5410 Bill Schmidt, 734 N. 11th St., Miamisburg, Ohio
 KLLN5649 Roy Wallington, Route 1 - Box 19, Augres, Mich.
 KLLN5768 Jim Nooney, Falling Rock, W. Va.
 KLLN5795 Mike Salzman, 2854 Lincoln St., Lorain, Ohio
 KLLN5848 Al Willis, 6497 Graham, Pontiac, Mich.
 KLLN6130 Jerry Hayes, P.O. Box 1331, Sta. A, East Liverpool, Ohio
 KLLN6155 Bob Mills, 3802 Ash St., Kalamazoo, Mich.
 KLLN6165 Jerry Zimmer, 3072 Allegheny Ave., Columbus, Ohio
 KLLN6367 Tom Getgood, 426 Mitchell St., Sanford, Mich.
 KLLN6383 Robert Saltsman, 412 Water St., Salineville, Ohio
 KLLN6401 Don Goretzki, 605 McEwen St., Sandusky, Ohio
 KLLN6551 Bob Johnson, P.O. Box 20172, Cleveland, Ohio
 KLLN6596 The Golden Voice & Toni, 1594 Ferndale, SW, Warren, Ohio
 KLLN6945 A.D. Wardeska, Vincent Star Route, Marietta, Ohio
 KLLN7034 Sonja Cook, 5340 Rt. #1, Salt Rock, W. Va.
 KLLN7377 Melvyn Rapaport, 2459 Foster N.W., Grand Rapids, Mich.
 KLLN7841 Grace Beaudry, Route 1, Rose City, Michigan
 KLLN8105 Gabby Rodabaugh, 10078 E. Coldwater Rd., Davison, Mich.
 KLLN8383 Jim Samuelli, 3503 Orchard, Portsmouth, Ohio
 KLLN9152 Carl Lockhart, Box 28, Coolville, Ohio
 KLLN9155 Evans Johnson, 115 McKee, Manistee, Mich.
 KLLN9288 Bill Roys, N17 Baseview Trailer Ct., Emerald, N.Dak.
 KLLN9319 Carl Schweinfest, 2314 Beechwood Dr., Hamilton, Ohio
 KLLN9798 Gene Neumann, Box 294, Bucyrus, Ohio
 KLLN9929 Bob Carlisle, 170 Austin Ave. N.W., Warren, Ohio
 KLLN9961 Orville Bluhm, 1483 F. Bellum, Muskegon, Mich.
 KLO0598 William Lechner, 4441 Parnell, Pontiac, Mich.
 KLO0660 Earl Sayres, P.O. Box 83, Marietta, Ohio
 KLO0715 Paul Manville, 1736 Lombardy, East Highland, Mich.
 KLP0319 Pete Hons, 614 Main St., Portage, Pa.
 KLP1285 Doug Williams, Eleven Oakdale Rd., Johnson City, N.Y.
 KLP1619 Joe Martin, 500 1/2 Porter St., Watkins Glen, N.Y.
 KLP3284 James Phillips, 599 West 8th St., West Wyoming, Pa.
 KLP3496 Jerry Babcock, Abbotts Corners, RFD 1, Cuba, N.Y.
 KLP4213 Dennis Cray, 3750 W. 10th St., Erie, Penna.
 KLP4360 Earl Bonenblust, 515 Whiting Rd., Webster, N.Y.
 KLP4695 Dan Cunningham, 185 Ogden Center Rd., Spencerport, N.Y.
 KLP5005 Bud Fowkes, 1031 5th Ave, Box 261, Duncansville, Pa.
 KLP5102 Bob Vann, 102 Haller Blvd., Ithaca, N.Y.
 KLP5525 Bonnie Beeke, 11 Maple Drive, Bath, N.Y.
 KLP5686 Charles Johnson, 332 Huron Ave., Renovo, Penna.
 KLP5748 Butch Frazier, Halfacre, R.D.3, Auburn, N.Y.
 KLP6039 William McKenna, 1354 Davis St., Elmira, N.Y.
 KLP6626 Wallace Nolen, 12 Chase St., White Plains, N.Y.
 KLP6639 Don Berman, 121 W. Ross St., Wilkes Barre, Pa.
 KLP7228 Jim Elwood, R.D. 1, Rathbone, N.Y.
 KLP7326 Robert Hurley, R. D. 1, Waynesboro, Pa.
 KLP7578 David Moss, P.O. Box 61, Endicott, N.Y.
 KLP7749 Ray Bronder, 416 9th St., Monessen, Pa.
 KLP7848 Bryan May, 147 Old River Rd., Wilkes-Barre, Pa.
 KLP7909 Alan Gutfrucht, 248 Spencer Rd., Rochester, N.Y.
 KLP8050 Richard Hudak, 1108 Columbia Ave., McKeesport, Pa.
 KLP8083 William Davidson, 26 Knight St., Glens Falls, N.Y.
 KLP8105 Alan Rubin, 12 Grandview Terrace, Cobleskill, N.Y.
 KLP8509 Leonard Doty, Monessen, Pa.
 KLP8570 Dick Moriarty, 220 Saint Clair Ave., Renovo, Pa.
 KLP8791 Jim Smith, R. D. 3, Fort Plain, N.Y.
 KLP8809 Don Shumaker, 147 Greenbrier Dr., Carnegie, Penna.
 KLP9091 Tom Ewigs, 1627 Crawford Ave., Altoona, Pa.
 KLP9135 Tom Bryan, 409 West 4th St., Erie, Pa.
 KLP9151 Robert Lance, 10 Fredella Ave., Glens Falls, N.Y.
 KLP9534 Steve Delorm, 258 Spencer Rd., Rochester, N.Y.
 KLP9557 George Booth, 971 Sweeney St., North Tonawanda, N.Y.
 KLP9618 Bill Lohnes, Box 176, Round Lake, N.Y.
 KLP9656 Jim Kimmel, P.O. Box 14, Tire Hill, Pa.
 KLP9765 Lewis Valachovich, 110 Burton St., Johnstown, N.Y.
 KLP9773 Ron Cron, 764 Merchants Rd., Rochester, N.Y.
 KLP9936 Eugene Pratt, 15 Quarry Crossing, Hudson Falls, N.Y.
 KLLQ0114 Roger Hamm, 1447 Union Center, Endicott, N.Y.
 KLLQ0209 Donna Finnegan, 8171 Main St., Williamsville, N.Y.
 KLLQ0343 Dave Rhodes, 30 Garden Terrace, Pittsburgh, Pa.
 KLLQ0391 Jim Connors, 10 Tobes Hill, Hornell, N.Y.
 KLLQ0457 Charles Goughnour, 207 Colden St., Johnstown, Pa.
 KLLQ1132 Gerald Bach, 260 Ottawa St., Johnstown, Pa.
 KLLQ1173 Lester Finnegan, 8171 Main St., Williamsville, N.Y.
 KLLQ1560 Jud Kurlancheek, 242 East Dorrance St., Kingston, Pa.
 KLLQ1603 Jake Guthridge, 104 N. Main St., Yeagertown, Pa.
 KLLQ1624 George Thayer, 62 Clinton St., Salamanca, N.Y.
 KLLQ1858 David Franks, 102 Corey Ave., Bradock, Pa.
 KLLQ1985 Ronnie O'Neill, 72 Academy St., Wilkes-Barre, Pa.
 KLLQ2172 Tom Young, 440 Shorehaven Dr., Erie, Penna.
 KLLQ2202 Raymond Vonada, 304 James St., Flemington, Penna.
 KLLQ2575 Pete Gabrielli, 751 Parkells Ave., Rochester, N.Y.
 KMR0261 Harry Mills, 818 Shumacola Trail, Tupelo, Miss.
 XM4174 Captain Blood, R. R. 1, Orillia, Ont., Canada
 XM112045 Lloyd Tait, 2088 E. 26th Ave., Vancouver, B.C.
 XM412800 Skippy Massam, 66 Guthrie Ave., Toronto, Ont., Canada
 XM431311 Peter Walton, 421 Lodor St., Ancaster, Ont., Canada
 XM49405 John Burnup, 926B Cummings Ave., Ottawa, Ont., Canada
 XM522168 Conrad Lauzon, 4419 Lasalle Blvd., Verdun, Que., Canada
 XM522987 Lorne Rother, 5590 Beaminster Place, Montreal, Que., Canada
 XM56066 Gilles Petit, 409 St. Joseph, La Tuque, P.Q., Canada
 XM65140 Vaughan DeMerchant, P.O. Box 13, Perth, N.B., Canada
 Atl. 1515 Rob Dalton, Bland, Virginia
 Cent. 2340 Dave Coyle, 602 Elm, Coffeyville, Kansas
 North3558 George Masny, 299 E. 8th St., New York, N.Y.
 North3020 Robert Ream, 608 High St., Lancaster, Pa.
 North3300 Tom Bolling, 233 Temple St., Fredonia, N.Y.
 North3558 George Masny, 299 E. 8th St., New York, N.Y.
 North3971 Errol Urbelis, 60 Boulevard, Greenlawn, L.I., N.Y.
 North4066 Wayne Myers, 150 N. College St., Carlisle, Penna.
 VE1MKID Allison Capson, 644 Rothesay Ave., Saint John, N.B., Canada
 VE1PE6X Andy McLellan, P.O. Box 631, Saint John, N.B., Canada
 VE3PE1SM Bob Wood, Box 67, Tilbury, Ont., Canada
 WN8LBH Chuck Harrington, 4912 Delbrook Dr., Lansing, Mich.
 W2K77 Errol Urbelis, 60 Boulevard, Greenlawn, L.I., N.Y.
 WM52R George Masny, 299 E. 8th St., New York, N.Y.
 WPE2JPN George Masny, 299 E. 8th St., New York, N.Y.
 WPE2LNY Gary Vendetti, 725 Florence Ave., Vineland, N.J.
 WPE2NHW Gerry Schechter, 3535 Kings College Pl., Bronx, N.Y.
 WPE3AVW Richard Snively, 724 Leshar Ave., Waynesboro, Pa.
 WPE3FSC Robert Ream, 608 High St., Lancaster, Pa.
 WPE3FSN Andrew Cwalina, 1674 W. Chestnut St., Shamokin, Pa.
 WPE4ICV Yane Yant, 2815 Bowdoin Place, Bradenton, Fla.
 WPE6DRU Bill Lipis, 839 Terra Lane, El Cajon, Calif.
 WPE6ETT Harry Okey, P.O. Box 1526, La Jolla, Calif.
 WPE6FOS Jim Hoyer, 356 N. Fuller Ave., Los Angeles, Calif.
 WPE8IEA Bob Johnson, 12805 Shaker Blvd., Cleveland, Ohio
 WPE0HMF Bruce Kirkpatrick, 5633 W. 18 St., Topeka, Kansas
 G-9810 Mike Nland, Darlington Rd., Basingsstoke, Hants., England
 JA12845 Isao Numa, 1-281 Setagaya, Setagaya-Ku, Tokyo, Japan
 RA. 1061 Les Cufflin, c/o Bobby Morehead, Rt. 2-Box 412, Shelby, N.C.
 OH2722 Torsten Soderstrom, Box 306, Helsinki, Finland
 OH2PE1L Timo Lehtio, Virkby Sunis-Hagen, Finland
 Richie Krug, 11 Emmett St., New Hyde Park, N.Y.
 Jack Allen, 203 Ave F, Brooklyn, N.Y.
 Central Printing, 920 Vandeventer, Fayetteville, Ark.



Always say you saw it in S9



THE SWL SHACK

BEST BETS FOR LISTENERS ON THE DX BANDS by RICK SLATTERY

We lead off this month with a report from Ira Stoler, Brooklyn, N. Y.—not only an avid SWL but also a Part 15 CW fan (his best DX on P-15 is a CW contact from Brooklyn to Yonkers, N. Y., a mighty nice haul on 27,000 mc/s). Some of Ira's better ham loggings include: On 20 meters—CT1JH, ZS2MI, HI4XEC, 6W8BL, KG6SB, 5X5RU, 9L1JR, ZS4OI, CT1GE and TG9BM. On 15 meters he snagged ZL3KA, 9Q51A, PY4AUM and HI8JBA. Ira suggests you try for some of the following: *Radio Ankara*, Turkey, at 1700 EST on 15165 kc/s; *Voice of America Relay*, Monrovia, Liberia, at 0135 EST on 6075 kc/s; *Radio Abidjan*, Abidjan, Ivory Coast, at 1315 EST on 11820 kc/s; *Radio Senegal*, Dakar, Senegal, at 1309 EST on 11895 kc/s.

"Real DX" is what S9'er Don Huntley, KDD-1522, of Bat Cave, N. C., calls *The Call of The Orient* in Manila, Philippines. It can be heard when conditions are right at about 0330 EST on both 9715 and 11855 kc/s. Don also shares the following DX loggings with S9 readers: *Korean Broadcasting Co.* (Call: HLK6), Seoul, Korea at 0030 EST on 11925 kc/s; *Argentina Calling*, 6090 kc/s at 0100 EST (also on broadcast band 1178 kc/s then, says Don); *Radio-TV Francaise*, Paris, France, at 0145 EST on 1184, 6145, 9620, 15245 kc/s; *Radio Nederland*, Hilversum, Netherlands, 7525 kc/s at 0330 EST; *Radio Warsaw*, Warsaw, Poland, 9675 and 11840 kc/s at 0330 EST; *Radio Oslo*, Norway, 6130 kc/s at 2300 EST; *Switzerland Calling*, Berne, 6165 and 9665 kc/s at 2030 EST; *Voice of America Relay*, Rhodes Island (Greece), 6185 kc/s at 0100.

You think you've got troubles trying to hear Latin Americans on CB? Well a letter from Dave Rosso, KKP1605 U-2, Key West, Fla. tells us that not only does he hear Venezuelans, they "blast him out." He already has QSL'd 4YX28 in Valencia, 5YX67 in Caracas, and 4YX20 in Valencia. Anyway, according to Dave, the fellows in Key West are already "sick of them and it's no longer a kick" because there are so many Venezuelans banging into Key West. With a "ho hum" which could curdle the blood of any DX listener, Dave says that he would rather hear some of the northern states or XM boys. Any time he wants to swap 10-20's I'll be the first in line for some of that juicy South American DX.

A lengthy and interesting DX report was received from James H. Burton, III of Staunton, Va. Some of the weirdo CW beacons he has logged include "CECE," "UPUP," and "FZFZ," all at the low frequency end of the standard broadcasting band. At the high end of the band he has CW beacon "RAB" at Rabinal, Guatemala, and "PO" in Popton, Guatemala. Look for these around sunset and shortly thereafter. Jim seems to have stumbled onto the famous "mystery" broadcaster who reads numbers in groups of four in Spanish around 2100 EST. Jim heard them on about 3200 kc/s, although they have been heard on other frequencies below 5 mc/s too. Many of us have heard this one (also reading numbers in German and Czech) and our guess is that it is some type of special instructions to undercover agents somewhere in the Spanish speaking world. From broadcast listeners, Jim offers *Radio Belize*, Belize, British Honduras, at 2145 EST on 3300 kc/s.



Nice shack photo this month from Bob Wood, Tilbury, Ontario. Bob is 15 years old and already an accomplished dial spinner. He says to look for *Radio Americas* located on rare Swan Island in the Caribbean. They operate on 1165 kc/s (in the standard broadcast band) and can be heard amazingly well throughout North America in the evenings. QSL to Box 352, Miami, Florida. Another Central American heard at Bob's shack was PJB in the Netherlands Antilles, heard while the announcer at station CKLW paused for a few seconds and left 800 kc/s silent at 2300 EST—CKLW runs 50 kilowatts and is only 25

Continued on page 68

INCREASE PERFORMANCE

with *Master Mobile* QUALITY ENGINEERED

CB ANTENNAS AND MOUNTS



39⁹⁵
NET

Giant Q-11 BASE STATION CUBICAL QUAD

For Class D, 27-mc operation
Light but rugged, it increases
CB range. SPECIFICATIONS: 8
db Forward Gain; 40 db Front
to Back; 52 ohm coax Feed;
horizontal or vertical polariza-
tion; Longest Element, 9'3";
Boom, 65 1/2"

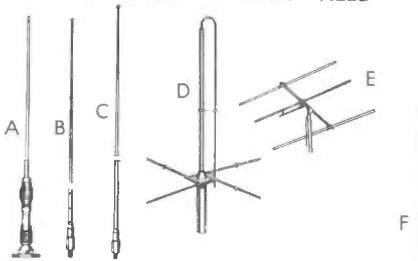
CB-5 GROUND PLANE

Half wave gives more gain than
1/4 wave without bulky trans-
formers. SPECIFICATIONS: VSWR
(50 ohm cable) 1.3:1 • Band-
width (under 2.1 VSWR) ± 4%
• 750 watts max. power input
• 50 ohm nominal input imp.
• Intl. feedline RG-8A/U
Termination SO. 239

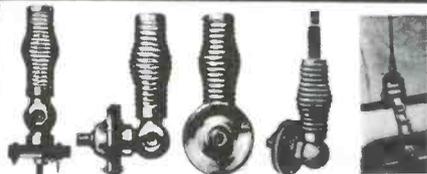


24⁹⁵
CB NET

A MODEL FOR EVERY NEED



- A CB-1 Air Sentry "Shorty" — 23" overall with 18" whip — top loaded fiberglass — complete with spring, mount and 12 ft. coax cable. For auto CB use. **10⁹⁵**
- B CB5-311 mounts on top, fender or trunk lid. 52 ohms, 60 watts, RG 58 or equiv., 1.5 mc min., 1.1 to 1 at resonant frequency. For auto, plane or boat. **5²⁵**
- C FG-103 universal 103" fiberglass whip with 3/8" x 24 thread base fitting. **6⁹⁵**
(Not Shown) 100-1035 Stainless Steel 103" whip with 3/8" stud threaded to fit all mounts. **6⁹⁵**
- D SR-600-11 base station monopole for 11 meters. Radiating and ground plane elements grounded to reduce lightning damage. Write for specs. **24⁵⁰**
- E SR-500-11 3-element beam antenna with power gain approx. 2 1/2 (8dB) in forward direction — about 10 to 1 interference reduction from sides and rear. Handles up to 1 Kw input. 11 Meters **24⁹⁵**
- F CB RANGE BUSTER with stainless layover extension and weathered-sealed center loaded coil. Universal installation. CB-35 6' 33", 19.95; CB-29 104" to 119", 15.95; CB-32 83" overall, 16.95; CB-33, 57" overall, 16.95.



BASE MOUNT	DESCRIPTION	CB NET
232	D'ble Tapered Spring—Swivel Base	8.75
232C	D'ble Tapered Spring—Swivel Base Coax. Conn.	8.75
232SS	D'ble Tapered Spring—Spec. Stainless	12.95
232SSC	D'ble Tapered Spring—Spec. Stainless — Coax. Conn.	12.95
232X	Heavy Duty—D'ble Tapered Spring—Swivel Base	9.85
232XC	Heavy Duty—D'ble Tapered Spring—Coax. Conn.	9.85
232XSSC	Heavy Duty—D'ble Tapered Spring—Spec. Stainless — Coax. Conn.	14.95
232XSS	Heavy Duty—D'ble Tapered Spring—Spec. Stainless	14.95
232XX	Extra Heavy Duty Spring	10.85
232XXC	Extra Heavy Duty Spring—D'ble Tapered—Coax. Conn.	10.85
232XXSS	Extra Heavy Duty Spring—D'ble Tapered—Spec. Stainless	15.95
232XXSSC	Extra Heavy Duty Spring—D'ble Tapered—Spec. Stainless—Coax. Conn.	15.95
445	Universal Mount—Threaded, 3/8"-24—Chain Mount	7.95

GUTTER MOUNT CG-275



Eliminates hole drilling. Positive locking, retractable and adaptable for any 3/8" 24 thread whip. **7⁹⁵ NET**

UNIVERSAL MOUNT



TM-1 is Chrome plated alloy steel mount for any antenna with 3/8" 24 thread. **4⁴⁵ NET**

FOR TRUNK LID, COWL MOUNTING



MMM-75 is adjustable for any curved surface. Equipped with coaxial connector. **7⁹⁵ NET**

BUMPER MOUNT



MM-520 with shaped links adjustable to any width surface. For spring or whip double mount. **7⁹⁵ NET**

Pat. No. 3,100,241 **7⁹⁵ NET**
MM-519 S'gle Mt. 4.95

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LOS ANGELES, CALIF.

CB CASEBOOK

by **LEE AURICK, KCD5514**

MT. PLEASANT RD. RFD 1
COLUMBIA, PA.

WOULD YOU LIKE TO READ ABOUT YOUR COMMERCIAL USE OF CB IN S9? IF SO, WRITE TO US.



Each use of CB radio that has appeared in this column to date has been concerned with an industrial, business, or emergency occupation. Your reporter thought it was about time that we heard something from another facet of life; the professional man, and the impact of CB radio on his life. We chose a friend, Dr. William B. Landis, a physician of Columbia, Penna., and a near neighbor. Bill, otherwise known as KKG-4009, was most interested in helping us to an inside look at how CB radio is used in his daily practice.

"Man has been practicing medicine for a long time, and the profession is pretty well organized. However, with the advent of the automobile came a major revolution in the service that the family physician could render. So too has two-way radio increased my ability to serve my patients faster.

"When I'm not in my office, telephone calls from patients and the hospital are channeled through my home. My wife handles all messages from home to me in the mobile installation while I'm making house calls. This arrangement has worked out very well. I'm now planning a second installation at my office as there are occasions when I'm on the road and it would be helpful to be in direct communication with my office.

"I've only had my CB gear about six months, but already I've become so accustomed to it that it would be difficult to have to return to working without it.

"My range, from home, is about ten miles, which serves the entire area in which I practice. Considering the rolling nature of the terrain in this part of the country, I feel fortunate that I can always be in touch with my practice wherever I am.

"As an illustration of what CB has come to mean to me; recently, for some reason, I was driving my wife's car on my rounds. It is not mobile equipped, and I felt out of touch all day.

"As much as CB means to me in my



daily practice, it is perhaps even more valuable to me in my personal life on the days when I'm off, but still on call. As some of your readers might suspect, a doctor usually has to leave word as to his whereabouts, even when he is not scheduled to be in his office or the hospital. Even then, the cardinal rule is don't get too far from a telephone. Now I can enjoy many outdoor activities that heretofore had to be reserved for very special occasions. As long as I have my car near enough for me to hear the radio, I can be miles from the nearest telephone.

"Much of the area around here is rural and sometimes telephones are scarce. It makes very little difference to me any more, and I don't have to bother patients for the use of their telephone when I want to see if I have other messages waiting. I just go out to my car and call home.

"The miles and time I've saved as a result of CB have added greatly to the convenience and service I can offer my patients, as well as making my life just a bit easier.

"During winter storms, and other bad weather, telephone service is sometimes interrupted, and this is when I value my CB radio more than ever. It also seems to be the time when I am busiest.

"CB definitely has a place in my practice, and I'm more than grateful for its service."

S9



WASHINGTON OUTLOOK

Here's the *good* news for this month from Washington.

• The following stations received notices to show cause why their licenses should not be revoked:

KHG9672, Donald Salem Sahadi, Canton, Ohio.

KEJ3774, Theodore C. Coke, Jr., Pasadena, Calif.

KID4732, David Petrilli, Rochester, N. Y.

KCF2482, Paul L. Goddard, Fairfax, Va.

KLE1829, Delores Gentry, Denver, Colo.

KEE3849, Charles H. Eyre, d/b/a Val-Eyre, Brownsville, Tex.

KKB0392, Ralph B. Carter, Dorchester, Mass.

KLN2736, William D. Felton, Pontiac, Mich.

KKK3777, Max F. Jones, Kinston, N. C.

KFA3251, John L. Shultz, Tempe, Ariz.

KDD6768, Charles W. Claxton, Atlanta, Ga.

KEB0622, Vernon H. Huff, Jackson, Miss.

KFG0219, Ruth Jacobson, d/b/a E & K Radio Citizens Band Sales and Service, Beaverton, Ore.

KHG7773, John Hershberger, Jr., Wayne, Ohio

7W2726, Edward Canty, d/b/a E. C. Radio and TV, Pompano Beach, Fla.

• Hearings on the following show cause actions were terminated and turned over to the Commission for disposition:

KEB3457, Sammy Church, Pascagoula, Miss.

KKM7406, Arthur Petty, College Park, Ga.

KDB7250, Thomas W. Clements, East Point, Ga.

KBA8374, John T. Megas, Winter Harbor, Me.

KDI0322, Harry J. Salee, d/b/a Salee Motors, Homestead, Fla.

• After a show cause hearing, the charges against the following station were dismissed: KFA4513, Jim D. Zavvas, Lynwood, Calif.

• The following station received a notice of apparent liability in the amount of \$100: KKK0316, James L. Keefe, Santa Ana, Calif.

• The following CB'ers had their proposed \$100 forfeitures reduced to \$25 in view of mitigating circumstances:

19Q1604, Ronald Jones, Buckeye Lake, Ohio.

KEA1418, Claude Jackson Easley, Jackson, Miss.

KEB1667, John T. Hill, Jackson, Miss.

KHJ2467, Jimmy Spearry, Wellston, Ohio.

KKI0350, Peter A. McAdams, Annandale, Va.

KDD0788, Laura G. Chalker, Tucker, Ga.

KKR3290, Chauncey S. Patterson, Saraland, Ala.

KHJ7769, Ronald C. Smith, Firebrick, Ky.

• The below listed stations had proposed \$100 forfeitures cancelled:

10W4410, James C. Lyon, Dallas, Texas.

KHJ5455, Orrin S. Horton, Franklin Furnace, Ohio.

• These CB'ers had their licenses revoked by the FCC this past month:

13W0996, Patrick Malanphy, d/b/a Dynamic TV Service, Portland, Ore.

7Q1601, Earl William Evans, Tampa, Fla.

6Q2143, William H. Deal, Camden, S. C.

6W2853, James D. Collett, Marietta, Ga.

KLK3741, Alan Morton, Terre Haute, Ind.
KKM0913, Thomas N. Thompson, Austell, Ga.

KBC3368, Eric H. Granholm, Wilton, Conn.

KCC4418, Furney Bracy, d/b/a Bracy

Auto Service, Philadelphia, Pa.

KLA0630, Charles F. Overtreer, Santa Cruz, Calif.

KFD5199, Sidney C. Karneke, Sacramento, Calif.

KDJ0319, Robert C. Massey, Miami Springs, Fla.

KDH2463, D. J. Elliott, Fort Lauderdale, Fla.

In other FCC actions, the FCC took action to hold a hearing on whether Warren J. Currence (ex-4W0152) of Elkins, W. Va., possesses "the requisite character qualifications to hold a Citizens Radio station license." He ran into problems with his previous CB operation because of "unlicensed radio station operation and transmission by radio of profane, indecent, or obscene language."

The FCC also affirmed its December 30th order to revoke the license of Irving Machlowitz, KBI3922, Brooklyn, N. Y.



KBG4303 RIDES AGAIN

Continued from page 7

the idea itself had merit, the project *might* grow to the point where it got out of hand and could not be controlled. In other words, they said "no." This idea, which had created genuine enthusiasm in all who heard it, was casually squashed under a downturned FCC thumb. Squashed without ever having been given a trial. Squashed even though it would have, without any doubt whatsoever, been of considerable service to the community.

While the FCC obviously acts in what they feel are the long-term best interests of the public, I, for one, take offense to their turning their backs on *this* particular program with its many potential advantages. I do not accept their reason for turning it down. In countless instances CB'ers have proven their value to the community—the REACT program is but one of the ways. Sure, anything which is poorly conceived, badly operated, and without objective will become uncontrollable. Why does the FCC now *automatically* assume that anytime you put two CB'ers together the result is pandemonium? Are we never to be forgiven for the sins of those few so-called "national CB clubs" which painted such a bleak picture of CB'ers as they planned "CB marches on Washington" and carried "Down With The FCC" banners at their national conventions?

How do we say that we are sorry for the mistakes of a few of our brothers? How do we square the CB service in the eyes of the FCC and get them to give us a *real* chance to prove our value?

THANKS

A few weeks ago I had the pleasure of appearing on a swinging all-night panel radio program run by The Amazing Randi. This program is on every night over New York station WOR (710 kc/s) and is heard in about 33 states. Subjects discussed range from the Jibaro Indians to alimony, the death penalty, and about anything else "far out" which strikes Randi's fancy. I was invited to be in on a discussion of flying saucers.

I want to thank the many S9 readers across the country who flooded the station with telegrams while the show was on the air and with QSL cards and letters for several days afterwards. I was very flattered to know that "my people" are also "night people." By the way, if you haven't heard this fantastic show, take a listen sometime (midnight to 5 A.M. EST, weekends to 5:30 A.M. EST).

NEXT MONTH

Here we go again with another of our famous mobile issues under the technical guidance of our own sage, Jim Kyle. If you thought it was rough trying to buy a copy of last year's S9 mobile issue—I think you'll find this one even harder to get.

If you send in a subscription now you will be assured of getting this potentially rare issue.



MONITORING

Continued from page 11

pany, also the numbers of monitoring stations in outlying areas which might be closer to a station in need of help. If you can have a telephone in the same room as the monitoring equipment, it's a great convenience.

SCHEDULES

Nobody could expect you to sit staunchly by your monitoring equipment 24 hours a day, so you will probably want to work out some sort of schedule with other local CB'ers or with members of your club. Many CB wives are able to devote at least an hour a day to such an endeavor, and there are always a few fellows who burn the midnight oil and can pitch in during the graveyard shift. All-in-all, you'd be surprised at the amount of coverage you can obtain with only a handful of hard working CB'ers.

H.E.L.P.

With the *H.E.L.P. Program* (see last month's issue of S9) getting under way, it is certainly in the interests of better CB communications and public safety if there is a well organized monitoring network in each populated area, regardless of the size.



CALENDAR

Continued from page 53

Carolina will sponsor the 2nd Annual Springtime Jamboree April 17th and 18th at the Western Carolina Fairgrounds in Hendersonville, N. C. Contact: Box 237, Fletcher, North Carolina.

The Tri County CB Radio League of Akron, Ohio will hold its Jamboree, June 6th at Chippewa Lake Park, near Medina, Ohio. Contact: P.O. Box 1301, Akron, Ohio.

Giant National CB Jamboree and Campout, July 17th and 18th. Location . . . Routes 58 and 113, west of Elyria, Ohio, at the beautiful Grotto Park. Contact: Lake Erie CB'ers, Inc., P.O. Box 5, Lorain, Ohio.

Tri-County Citizen "D" Banders, Inc. will hold their gigantic Jamboree, July 18th at the Mannington Fairgrounds, Mannington, W. Va., on U.S. 250. Contact: Route 3, Box 173, Bridgeport, West Virginia.

The Sioux Empire Citizens Communication Ass'n will sponsor the 2nd Annual Great Plains CB Radio Convention at the Fairgrounds at Sioux Falls, South Dakota, June 22nd and 23rd. Contact: A. C. Sando, 1100 Sunset Drive, Sioux Falls, South Dakota.

Cedar Park CB Jamboree, Sunday, April 25th. Location: Highway N.C. #10 just off N.C., 226 on Shelby-Maion Road, Polkville, North Carolina. Sponsoring units: Little Rotunda CB Club, Polkville Fire Dept., Upper Cleveland Rescue Squad. Contact: P.O. Box 74, Polkville, North Carolina.

The Town and County CB Radio Club, Inc., will sponsor a 2 day coffee break and pancake supper on May 22nd and 23rd at the Fairgrounds in Hemlock, New York. More info to follow.

Quincy Area CB Club will sponsor their 2nd Annual Jamboree, August 22nd at Eagles' Alps. More info forthcoming.

Kern County Citizens Radio Ass'n is again planning its 3rd Annual CB Jamboree, at the Kern County Fairgrounds, Hiway 99 and Casa Loma in Bakersfield, California. May 29th and 30th are the big dates. Jamboree will be held inside 25,000 sq. ft. building with air conditioning.

Wayne County REACT will hold their jamboree, May 29th and 30th, Wayne County Fairgrounds in Wooster, Ohio. Rain or shine. Contact: Wayne County REACT, P.O. Box 281, Wooster, Ohio 44692.

The Fort Findlay CB Club, Inc. of Findlay, Ohio will hold their Annual CB Jamboree, June 6th at the Hancock County Fairgrounds. Contact: P.O. Box 123, Findlay, Ohio.

The Shanadoah CB Radio Club of Hopewell Junction, New York will hold 2 Jamboree's this summer, May 16th and August 1st at Charolets Grove, Route 82.

The Five Watters of Lake County, Willoughby, Ohio, are planning a jamboree for July 30th and 31st, and August 1st to be held at the Fairgrounds in Painesville, Ohio, Route 20 (Mentor Ave.) one mile west of the town. Contact: P.O. Box 489, Willoughby, Ohio.

The Lufkin CB Radio Club, Inc. is having their first "BIG" Jamboree, April 23rd, 24th and 25th, at the National Guard Armory in Lufkin, Texas. Plenty of signs will lead you to the jamboree. Remember the dates, 23rd, 24th and 25th. Contact: P.O. Box 853, Lufkin, Texas.

National Board meeting of M.C.E.U., Inc., will be held in Jewett City, Conn., April 24th. All representatives are urged to attend.



Red Lion, Pa., 11795 kc/s at 2000 EST; also non-broadcast station CHU at the Dominion Observatory, Ottawa, Ontario, Canada, on 3300, 7335, 14670 kc/s heard most of the day and night on one, or all frequencies. His best QSL is from VLT4 in New Guinea on 4980 kc/s (heard last November).

Terry Henry of Keene, N. H. says to listen for the BBC in London on 7150, 7200, 7310, 7330, 9570, and 9660 kc/s. Radio Moscow heard with the usual spiel at 0800 EST on 7150, 7200, and 17580 kc/s.

Our item on station KCA999 of the New Hampshire State Police brought in a big batch of mail. Chuck Brown, KLK3138, of Racine, Wisc. heard this station on nothing more than an Arvin clock radio. He wants to know the possibilities of hooking them for a QSL and asks for their address. Our opinion is that this station now heard just about every night on 1682 kc/s) will QSL if you furnish them with a prepared reply card (stamped and self addressed) which they can just sign and return to you without much effort. Address reports to: Chief Operator, Station KCA999, New Hampshire State Police, Concord, N. H. By the way, the N.H.S.P. also operates station KCB538 on the same frequency from Lancaster, N. H.

That's it for this month, fellows and gals. Send in those reports and shack photos.



FCC PRESS TIME FLASH!

As we went to press this month we received an urgent telephone call from the FCC office in Washington advising us that, effective April 26, 1965, the previously announced CB rules will go into full effect as predicted in S9. These are the same rules which were previously announced to go into effect on November 1st of last year—there is only one minor change from the original text. The November 1st "effective date" was withdrawn because of a number of strongly worded petitions which were filed by manufacturers, clubs, and individual operators—apparently these efforts were all in vain inasmuch as the "new rules" (which have been brewing up for about 3 years now) are, at long last, with us now. Next month we will have further details on this scoop.

SWL SHACK

Continued from page 63

miles from Bob—that's *really* something to gripe about! Radio Sweden's new sked to the USA is 0900 EST on 15240 kc/s, 2045 EST (to east coast) and 2215 (west coast) on 5990 kc/s. Bob also peers in on the ham bands and relays news of hearing the following on 20 meters: CE0AG (Christmas Island on SSB), KV4CX, VP1LT, PJ3AJ, HK3AZ, VP2GAZ, HP3FL, SM3YF/MM, and YS11GM. As a parting hint, Bob suggests that those listeners needing new prefixes should listen in on the Novice ham frequencies.

David Jones, Jr., Albany, Ga., hears the Voice of Nigeria, Lagos, Nigeria, 11900 kc/s at 1350 EST; Radio Libertad, from a secret location (our guess is Venezuela) on 15050 kc/s at 0830 EST; Voice of America Relay, Tangier, Morocco, 7270 kc/s at 2200 EST; United Nations Radio, 9610, 11780, 15180 kc/s at 1345 EST; WINB,

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 59 cannot vouch for the merchandise or services listed therein.

Super Swappers—Send 25 of your QSL's and \$1.00 and I will send you 25 all different QSL's. Lile Guill—Rustburg, Va. 24588.

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 54th St., Brooklyn, N. Y. 11219.

Earn \$\$\$\$ Full or part time. Dealerships available for new Civil Emergency Monitor that adapts to CB rig to receive Police, Fire, etc. Write DMI, Dept. "S", Box 8124, Dallas, Texas 75205.

Needed: Operation, calibration and alignment data on Hickok Model 640 oscillograph. Gene Pfeiffer, KBG8157, % e.c.i. electronics communications, 56 Hamilton Ave., White Plains, N. Y.

"Generator Filters" 3-30 mcs. \$2.50. Voltage Regulator Filters \$2.50. Highest quality. Engineered Products Company, Springboro, Ohio.

Sell or Swap: Pair of Vocaline JR-425 Class B UHF CB transceivers, one 110VAC/6VDC the other 110VAC/12VDC. Never used, come with mic, instructions, and antennas. Orig. cost \$150 for the pair. Will sell the pair for best offer or swap for test gear. Experiment on 465 mc/s CB for a real kick! Gene Pfeiffer, KBG8157, % e.c.i. electronics communications, 56 Hamilton Avenue, White Plains, N. Y.

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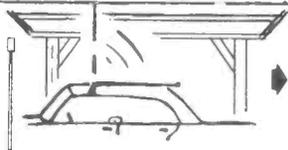
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QSL's \$1.75/100 up. Catalogue-samples 10¢. Longbrook, Box 393-X, Quakertown, N. J. 08868.

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.

Your Call in gold face, black outline 3 x 1 1/4" individual decal letters. Apply inside / outside glass, on metal or wood. Your call sign—\$1.00; Two sets—\$1.50. Free Monitoring Decals with each set. (Specify one channel. Postpaid. Nordlund—18Q-5121; 7635 West Irving Park; Chicago, Illinois 60634.

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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 54th St., Brooklyn, N. Y. 11219.

Quality QSL's—New designs monthly. Samples 10¢, 25¢, 50¢. Savory, 172 Roosevelt, Weymouth, Mass.

CB QSL Two Color Rubber Stamp. It's the rage. Give name, address, call sign. Two dollars postage paid. Smart Products, 3167 Coney Island Avenue, Brooklyn 35, N. Y.

"Snookie" is printing QSL cards again. 807—38th St., Vienna, W. Va.

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advertisers index

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Antenna Specialists Co.	40
B&K Mfg.	10, 22
Browning Laboratories, Inc.	6
Demco Electronics	18
e.c.i. electronics communications, inc.	8, 20
Electra, Inc.	70
Evans Radio	30
Francis Industries	71
Galaxy Electronics	71
General Radiotelephone Corp.	Cover 4
Grove Electronics	23
Hallcrafters Co.	24
Hy-Gain Antenna Products	Cover 3
International Crystal Mfg. Co.	Cover 2, 3
Johnson, E. F. Co.	5
Knights, C. T. S., Inc.	21
Knox Electronics	71
Lafayette Radio Electronics	34-37
Master Mobile Mounts	64
Metrotek Electronics, Inc.	29
Monitor 9 Decal	27
Mosley Electronics	1
Multi Elmac Co.	21
National Sportswear Co.	70
Pace Communications	45
Pearce-Simpson, Inc.	22, 28
Petersen Radio Co., Inc.	11
Polytronics Labs, Inc.	52
Project Aid	27
RCA	12
S9 Subscriptions	30
Squires-Sanders	14
Sonar Radio Corp.	27
Sonotone Corp.	69
Tennessee Paper & Box Co.	70
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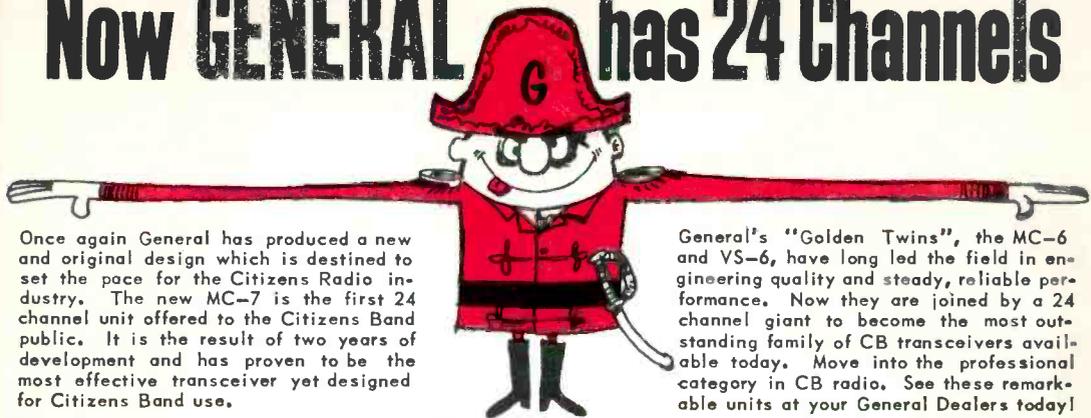
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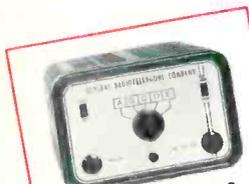
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