

DETROIT EMERGENCY SYSTEM UK'D

S9



May 1971
75¢

CB/SWL/Police-Fire Monitoring

HANDLING 10-33's
THE BURGLARM
CLIFF HANGER ANTENNA
CB JAMBOREE CALENDAR
NEW PRODUCTS
VHF MONITORING
...AND LOTS MORE!!



08818

the official CB radio magazine

LAFAYETTE TELSAT SSB-25

True Single Sideband/AM 2-Way CB Radio **Only**

**Now... 46 MORE CB CHANNELS [SSB]...
WITH FAR GREATER TALK POWER!**

299⁹⁵

Stock No. 99-32377WUX*



Only 3 $\frac{3}{4}$ " High

Compatible With All AM DSB AND SSB CB Transceivers!

- ★ 15 Watts PEP Input
- ★ Crystal Lattice Filter
for Greater Selectivity
and Sensitivity

- ★ 23 Channel Xtal-Control/AM
- ★ Built-in Burglar
Alarm Switch
- ★ RF Ignition Noise Silencer

- Built-in 117 VAC and 12.6VDC Power Supplies
- 0.5 μ V Sensitivity on AM and 0.15 μ V On SSB
- Built-in Product Detector
- Continuously Variable Fine Tuning
- RF Gain Control for Optimum SSB Reception
- Automatic Modulation Control On SSB and Range Boost on AM

- Large Illuminated Signal Strength and Power Output Meters
- Adjustable Antenna Loading Coil For Maximum Power Output
- External Headphone Jack
- Public Address Facilities
- Adjustable TVI Filter
- Variable Squelch Control

Lafayette invites you to the new freedom of True SSB CB radio through the Telsat SSB-25. A professionally designed and engineered CB-Two way radio that gives you an ease of operating convenience never experienced on today's crowded CB Band. In addition to the deluxe features that result in exceptional conventional 23 channel crystal-controlled AM transmission and reception, the Telsat SSB-25 delivers True-Single Sideband features that result in the addition of 46 more channel modes of operation with much greater effective transmit power, as well as in low noise, and highly sensitive reception with a minimum of interference. Its powerful "true" single sideband transmitter instead of dissipating its

power in the carrier and duplicate sideband, concentrates all its power in the single selected upper or lower sideband... You get 100% talk power with far greater effective output and range! The SSB-25's crystal lattice filter and product detector combine, to provide maximum signal-to-noise ratio resulting in more usable sensitivity while rejecting adjacent channel interference. Continuously Variable fine tuning clarifies SSB and improves AM station reception. With the SSB-25's RF ignition noise silencer, car ignition noise is virtually eliminated! Now you can contact that "down in the mud" mobile or Base station. Telsat SSB-25 for the finest in SSB, or AM CB Communication!

NEW! LAFAYETTE TELSAT 924

23 Channel Crystal-Control CB 2-Way Radio

With Built-in "Emergency" Channel 9 Monitor!

ONLY
139⁹⁵



Stock No. 99-32435WUX*

**Gives Visual Warning of Channel 9 Emergencies
For Rapid Life-Saving Response**

- 23 Channel Operation . . . All Crystals Supplied ■ 3 Position Crystal Delta Tuning ■ Range Boost Circuitry ■ $0.7 \mu\text{v}$ Sensitivity ■ 455 KHZ Mechanical Filter ■ Normal Receiver/Emergency Monitor Dual Variable Squelch ■ Push Button Normal/Emergency Monitor Operation Switch ■ Automatic "S"/PRF Meter.

LAFAYETTE HB-525E

23 Channel Crystal-Control CB 2-Way Radio

ONLY
149⁹⁵

Outsells All Other Solid-State CB Radios!

FCC Type Accepted—D.O.C. Approved



Stock No. 99-32369WUX*

- 19 Transistors + 10 Diodes + 1 Thermistor ■ 3 Position Crystal Delta Tuning ■ Variable Squelch ■ Noise Limiting ■ Transmit and Receive Mode Indicator Lights ■ Public Address Provisions ■ Illuminated S PRF Meter ■ 455 kHz Mechanical Filter ■ 4x6" Oval Speaker ■ Improved AGC for $0.5 \mu\text{v}$ Sensitivity ■ Built-in Burglar Alarm Switch.



FREE!

1971 CATALOG

Golden Jubilee
Edition

468 PAGES

*Imported

Lafayette Radio Electronics, P.O. Box 10
Dept. 32051, Syosset, L.I., N.Y. 11791

Please Send Me A Free Catalog 32051

Name.....

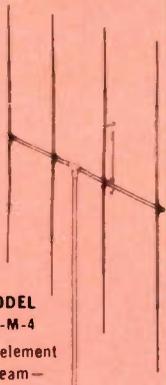
Address.....

City..... State..... Zip.....

the

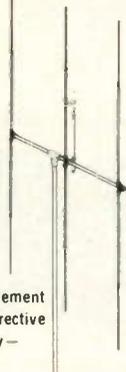
HUSTLER

MODEL 11-M-4
Four element beam—optimized performance
9.4 db gain
\$44.95



MODEL 11-M-3
8 db gain
\$34.95

Three element beam directive array—



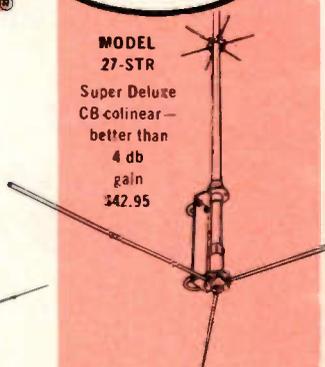
MODEL CB-111
Super Deluxe mobile antenna—trunk or deck mounting
\$19.60



MODEL 27-JR
Power gain—
CB colinear—
4 db gain
\$27.95



MODEL 27-STR
Super Deluxe CB colinear—better than
4 db gain
\$42.95



MODEL XBLT-4
Deluxe base loaded mobile—trunk lip mounting
\$23.20



MODEL TLA-27-L
Trunk lip mounted fiberglass antenna
\$16.50



MODEL XBL-1
Power rated base loaded mobile—flat surface mounting
\$15.50



MODEL RTS-27-L
Roof top mobile antenna
\$13.50



MODEL DTG
"Double Talk" antenna system—rain gutter mounted
\$19.95



MODEL RTG-27-L
Roof top—rain gutter mount antenna
\$13.95



MODEL TGF-27-L
Trunk groove mounted fiberglass antenna
\$12.50



MODEL TCS-27-M
Deluxe—top performance CB-AM/FM antenna
\$16.50



MODEL FG-27
Copper braid armored fiberglass antenna
\$6.95



MODEL TMR-27
Transceiver portable antenna
\$6.95



Another
New-Tronics
FULL LINE
DISTRIBUTOR
Featuring
118 Hustler
Products

CB center of America, co.

The Citizens Band Specialists—
Serving The 50 States With More Than 1800 Dealers

CHICAGO, ILLINOIS 60618
3431 W. IRVING PARK RD.
ALL PHONES 312 463-2255

BURLINGAME, CALIF. 94010
1106 CAROLAN STREET
ALL PHONES 415 342-8305

WRITE FOR THE DEALER NEAREST YOU

CB Antenna...

**everything
about it
will surprise you
—even the price**

- **MORE POWER** . . . highest unit gain built into every antenna—greater efficiency—greater range.
- **SUPERIOR DESIGN** . . . every antenna is engineered for functional application—there are no gimmicks!
- **OPTIMIZED PERFORMANCE** . . . lowest SWR—for optimized transmitting and receiving performance with your installation.
- **QUALITY MATERIALS** . . . each assembly is manufactured to the very highest standards in the industry.
- **ATTRACTIVE STYLING** . . . performance

and appearance combined to please any communicator.

- **WIDEST CHOICE** . . . for every application—choose from over one hundred models.
- **EXCLUSIVELY ANTENNAS** . . . for more than a decade. No matter what your choice—CB, amateur, monitor, business, commercial, auto radio . . . 2 MHz to 960 MHz, New-Tronics utilizes advanced "state of the art" design techniques and manufacturing capabilities to best serve your antenna requirements in two-way radio communications.

Across U.S.A., Across Canada, over 3500 distributors and dealers represent Hustler, ready to assist you.



**CITIZENS BAND
ANTENNAS**

OVERPOWERS them all!

NEW-TRONICS CORP. 15800 Commerce Park Drive • Brook Park, Ohio 44142

World wide export through Roburn Agencies Inc. • 349 West 14th Street • New York, New York 10014

Another
New-Tronics
FULL LINE
DISTRIBUTOR
Featuring
118 Hustler
Products

OLSON ELECTRONICS

**NOW—43 FULL LINE ELECTRONIC CENTERS
IN THESE PRINCIPAL CITIES**

Akron—Ohio

Atlanta—Ga.

Buffalo—N.Y.

Chicago—Ill.

Cincinnati—Ohio

Cleveland—Ohio

Columbus—Ohio

Coral Gables—Fla.

Dallas—Texas

Decatur—Ga.

Detroit—Mich.

Inglewood—Cal.

Las Vegas—Nev.

Long Beach—Cal.

Los Angeles—Cal.

Lynwood—Cal.

Miami—Fla.

Milwaukee—Wis.

New Orleans—La.

N. Hollywood—Cal.

Pittsburgh—Pa.

Pomona—Cal.

St. Louis—Mo.

San Diego—Cal.

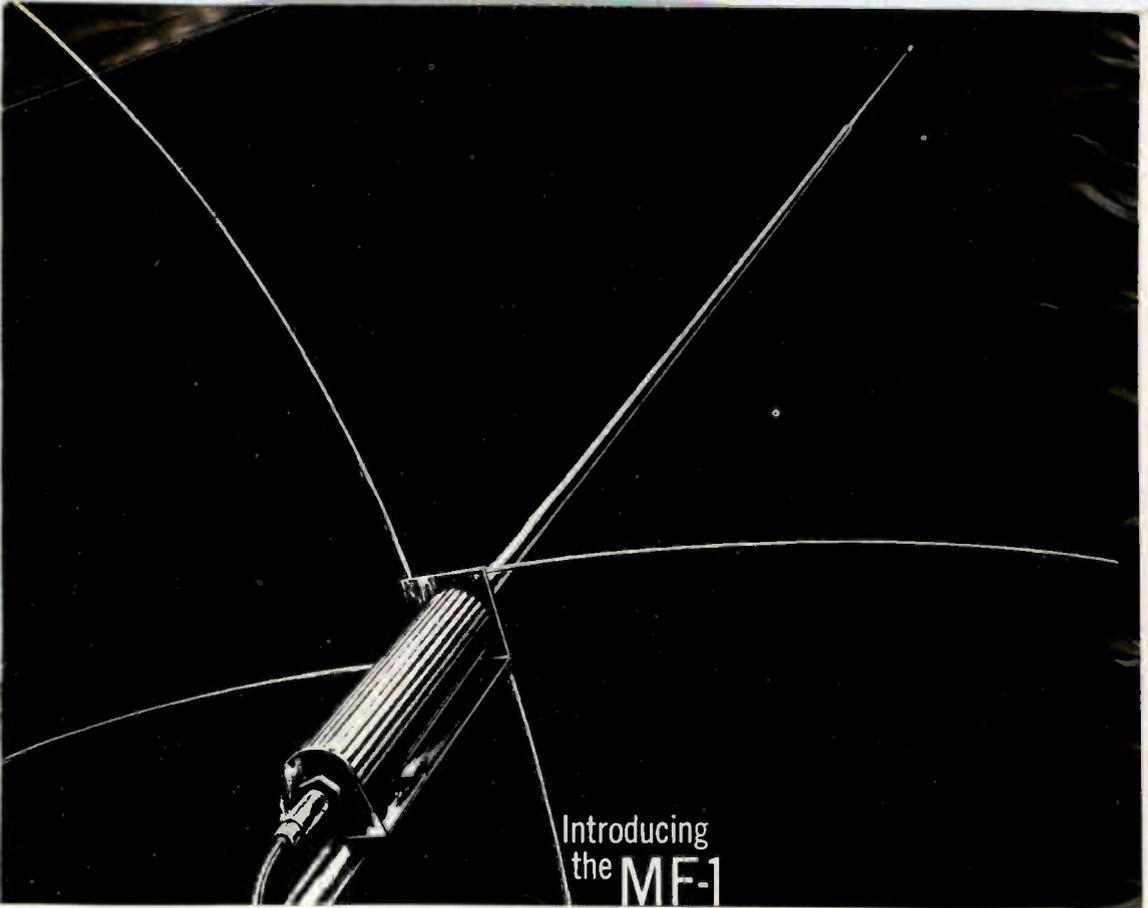
San Francisco—Cal.

Santa Ana—Cal.

Santa Clara—Cal.

Torrance—Cal.

Willoughby—Ohio



Introducing
the MF-1

The Big Reach

No ordinary base station antenna could let you reach out so far. And still come in loud and clear. But the MF-1 isn't like the rest. Look at it. Big. Golden. Uncluttered.

We used computers to perfect its omni-directional, $\frac{5}{8}$ wave length design. The result: shape and size for maximum potential gain. An extra large load coil for the

highest Q and smallest coil loss. And low VSWR over the entire band. And greater power handling capability.

Our step-down mast

stands up to wind. Our special finish withstands all weather.

The MF-1. We named it "The Communicator." And priced it just \$39.95 to make the others strictly for the birds.



Unicom Electronics Corp.
8954 Mason Avenue
Chatsworth, Calif. 91311
Dealers: Call collect to
order (213) 882-7555

Hawaii distributor: Island Electronics, Honolulu / ©1971 Unicom Electronics Corp., Chatsworth, California



the official CB radio magazine

14 Vanderventer Ave., Port Washington, N. Y. 11050

Vol. 11, No. 5

May, 1971

CB|SWL|Police-Fire Monitoring

EDITORIAL STAFF

editor

Tom Kneitel, KQD4552

assistant editor

Lila Rudo

club editor

John Krejc, KB18077

contributing editor

T. R. Sundstrom, KOG2427

BUSINESS STAFF

president

S. R. Cowan, KCV7397

publisher

Richard A. Cowan, WA2LRO

adv. representatives

Richard A. Cowan, WA2LRO

Jack Schneider, KMD3272

circulation mgr.

Hal Weisner, KBG4528

production

Lila Rudo

classified ad. mgr.

Lorraine Thigpen

art directors

David R. Lance

William H. Travis

TABLE OF CONTENTS

CIVIL DEFENSE

Defenseless??? 7

HANDLING 10-33's

Easier (or harder) than you thought? 9

DETROIT CB SAFETY SYSTEM OK'd

Your city might be next. 11

THE BURGLARM

Protect your CB goodies. 13

THE CLIFF HANGER

Hang in there with this antenna 15

DEPARTMENTS

Editorial/Tom Kneitel, KQD4552	7
Coming Events	20
On The Counters	23
Monitor Post	26
DX Korner	28
CB Chit Chat	30
Card Swappers	38
Washington Outlook	44
Classified	49

S9 (title registered U. S. Post Office) is published monthly by Cowan Publishing Corp. Executive editorial and advertising offices at 14 Vanderventer Ave., Port Washington, L. I., N. Y. 11050. Telephone: (516) 883-6200. Subscription Rates: One year \$5.00, two years, \$9.00, three years, \$13.00 in United States and Possessions, APO, FPO, and Canada. Printed in U. S. A. Entire contents copyright 1971 by Cowan Publishing Corp. No portion of this magazine may be reproduced for any purpose whatsoever without the express written permission of the publisher. S9 does not acknowledge or return unsolicited material. We regard all material sent to us by and about CB clubs or organizations (whether in club bulletins or otherwise), and from manufacturers or distributors of commercial products, as being submitted for publication as a public relations or publicity gesture. While we pay for stories and articles specifically written for our exclusive use and accepted for publication, we do not pay for any public relations or publicity material which we publish. Stories or articles sent by Registered or Certified Mail are not accepted. All circuits, designs, and construction projects in S9 are strictly experimental and we do not guarantee the results which can be expected from their use or application.

Controlled Circulation Postage Paid at Miami, Florida

SEND FORM 3579 TO: S9, 14 Vanderventer Ave., Port Washington, L. I., N. Y. 11050.



six great safety devices.

**the red one is FREE
when you buy any of these
top performance Johnson radios!**

For a limited time only this professional quality dry chemical fire extinguisher can be yours at no extra cost. It's U.L. approved, U.S. Coast Guard approved, rechargeable, and comes with its own mounting bracket. A retail value of over \$14...yours free when you buy another great safety device for your home or car: any of the Johnson citizens two-way radios shown!

From left to right: Messenger 124, deluxe 23-channel full function base station (mike extra); Messenger 102, 1½-watt hand-held; Messenger 100, low-cost 6-channel mobile; Messenger 323, deluxe 23-channel mobile with narrow band crystal filter receiver; Messenger III, famous 12-channel Johnson mobile.

Take your choice—then see your Johnson dealer and let him give you two great safety devices for the price of one!

Hurry—offer expires May 31, 1971



E. F. JOHNSON COMPANY
WASECA, MINNESOTA 56093

editorial

KQD4552 rides again!

by TOM KNEITEL, S9 Editor



CIVIL DEFENSE — WHA HOPPEN, BABY?

The Civil Defense program has big problems with its communications operations. You, of course, are aware of the bit where they sent out the wrong message to their Emergency Broadcast System affiliated broadcasting stations. They lost many affiliates by that little stunt, many stations don't want the honor of being party to any further bungling of this type. On the other hand, I have a few readers who have written to say that the goof-up was *possibly* a little more than it seemed. That is to say, that it might not have been a mistake at all, rather it might well have been a deliberate and clever ploy to discover which radio stations and personnel would ignore the "real thing" and keep their broadcasting operations on the air during a national emergency. For all we know, those stations and engineers now have their names and call signs inscribed into the master computer at the Defense Department. Think about it—do you *really* think that the real MAYDAY tape was just kicking around and was inadvertently tossed into the Teletype machine by a technician who was *slightly* careless? If you have ever seen the military's super-protective steps and paranoid safety checklists to avoid this kind of thing you might feel that there was more to this whole incident than was released to the public. Anyway, it cut into the effectiveness of Civil Defense communications.

Another little known aspect of the big Civil Defense communications swan song is the *desperate* condition of the role played by ham operators in large cities. A few years back, CD rolls were fat and sassy with many young and eager hams regularly checking into the RACES and other CD nets. Today many of these networks are practically devoid of activity. Wha hopen? Well several things.

Right off the bat, ham radio has not been attracting the number of folks it used to; little things like the ARRL's incentive licensing boondoggle, the loss of 2-meter band telephony to

novices, etc. Also CB has probably siphoned off many guys who might have gone into ham radio, so has the Army, so has college. Many kids have gone into playing in rock groups; college, drugs, or otherwise they view their refusal to participate in CD as part of their protest against a system which they feel is against them. In any event, they aren't there in the numbers they once were, pounding on the door to get into either ham radio or CD.

Sure, there are still young folks going into ham radio; and there are kids and old timers alike participating in CD operations. But is this sufficient a group to be of any help in a real emergency? Most of these guys operate their stations right from the 110 volt power mains; when New York City had their big electrical blackout a few years back there were only about 10 or 15 CD hams who were heard in operation besides the net control stations. Nobody had power to run their "emergency" stations!

The interesting thing about all of this is that it has been the long-standing policy of many Civil Defense people to disdain Citizens Radio. It is an actual fact that there are at this moment a number of CD agencies which have written into their regulations that CB units are to be specifically excluded from their operations. A few agencies *do* use CB, however the number of agencies which have relegated any *major* portion of their reliance for their communications on CB is *astoundingly* small.

The CD people should wake up; accept to the fact that CB is the *today* radio service; it's the radio service where all of the operators are; the fellows with the mobile units; the emergency power supplies; and the desire to become involved with community safety. There are hundreds of worthwhile local clubs and teams which have proven that CB'ers can and will function for the benefit of the community in times of need.

Now is the time for the CD people to face the facts of life.

CHANNEL 1 TO CHANNEL 23



Imperial II—the Citizens Radio ultimate! SSB, DSB and AM on 23 channels in one versatile package. One unit that does it all, base or mobile. **\$359.00**



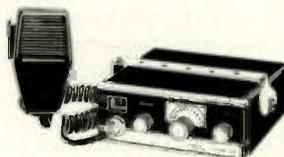
GT-523—The raciest mobile available. Use perfected for optimum signal and quietest reception on 23 solid state channels. **\$189.00**



The 500—Track tested for durability and capability under adverse conditions. It works . . . and works on any 12 channels you choose. **\$99.95**



Formula 23—Makes it with lights, alarm and digital read out of correct time. Complete and ready to operate on all 23 for only **\$189.00**



Sprint 23—For the big go-power signal from a little mobile package. It's solid state, complete and ready on all 23 for only **\$139.00**

***The shortest distance
between
two points is . . .***

 **ELECTRONICS, INC.**

7900 Pendleton Pike • Indianapolis, Indiana 46226

HANDLING 10-33's

Being a CB'er, the odds are great that you have at one time or another (or you will in the near future) take part in carrying out a 10-33 (emergency transmission). The way that you handled or will handle this call may save someone's life or save his property. Our Citizens Radio Service gives a big increase in emergency communication. The contents of these pages are designed to present the best in emergency radio techniques.

An emergency may come in many different forms; a fire, accident, flood, snowstorm, etc., the step that you will have to take may be different but the general rules are the same. You may not make the call or you may not receive it but you may still help by staying off the air. Your CB club is best suited to handle emergency on a large scale but each individual has to be prepared at all times for an emergency.

ADVANCE PLANNING IS NECESSARY

Individual preparedness and the organization of CB'ers are the most essential elements of a successfully-functioning Citizens Band Emergency Service. Each CB'er should join in his community organization and support the local emergency plan or the whole group may come short of its goal. In the past it has been proven that the best emergency technique calls for the full support of all the CB'ers in the local area.

There are two main types of emergency CB radio coverage:

(a) The simplest form of emergency (such as an accident) has one objective: to make contact with an outside point, to report difficulties, summon aid, or to communicate when other means have failed or are unavailable.

(b) When a populated center has its communications cut, it will need emergency communication for the workers within that area.

Your local club has to make plans to cover both of these. A club should contact its local agencies (Police, Red Cross, Fire Department, Civil Defense, etc.) to work out a good plan with these agencies. Register your club qualifications and equipment with these agencies so they will know what to expect from you when a disaster does strike.

Once your club starts planning for emergency

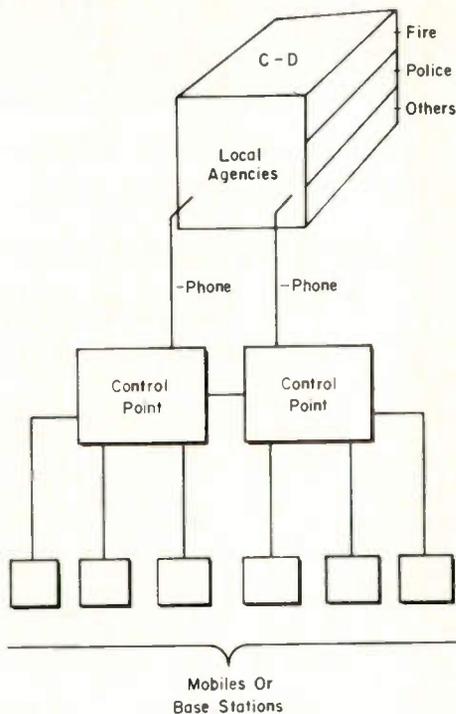


Diagram #1. Your control points should transmit to each other, on one channel, and to the working units on another channel.

radio coverage it should appoint an Emergency Coordinator-Director (ECD) to handle the many jobs that will fall upon his shoulders. It is no easy matter to sell many of the local agencies on the idea of CB as an emergency communication unit. You will find that you will have to plan with many of these agencies that will cooperate but still you will have to stay flexible to extend so that your club can cover two or more if need be.

"WITHIN YOUR AREA" EMERGENCY NET

With Citizens Band your most important task

FIGHT POLLUTION!

The pure Yagi design of the **BOSS 303** squeezes the most out of your signal, aims it where you want it!

Model M-215
\$74.95
Suggested resale price

- Pure Yagi—narrow 52° beam with 9.75 dB forward gain
- Precision gamma-matched feed—SWR adjustable to 1.1 to 1 ratio
- Trimmiest design—aircraft aluminum withstands severe weather. Use with low cost rotor
- Optimum element spacing—maximizes front-to-back ratios
- Vertical and horizontal polarization (Model M-250 co-ax switch recommended—optional at extra cost)



Be an "antenna specialist!" These great, top-quality jackets available only from your A/S dealer—just \$8.95.

the antenna specialists co.

"Stripes of Quality"



Division of Allen Electric and Equipment Co.
12435 Euclid Avenue, Cleveland, Ohio 44106
EXPORT: 220 Shames Drive
Westbury, L.I., New York 11690
CANADA: A. C. Simmonds & Sons, Ltd.

is to provide emergency communication within your own area. These should be set up with two or more strong base stations as control points. These points should be able to make TX contacts with all local agencies and to cover their area with a strong signal in all directions (see Diagram #1). These base stations should have on hand at all times the phone numbers of all mobile units under its control and all agencies in the community. The size of your community will decide the number of mobile units needed for coverage. The operators of both base and mobile units should know all FCC rules covering emergency operation. This net should have a workable plan for alerts and drills. Your ECD should hold weekly or monthly meetings to discuss and explain the functions of the net.

Your local net should have one channel set aside for emergency use only. Once this channel is decided upon then all efforts should be made to have every CB'er in your area stay off it. At times you will find this the hardest part of your job because some joker will want to use that channel to work skip, or ham it up. Since this is your emergency channel someone at the control base should monitor it as often as possible. In case of any emergency contacts on any of the other channels, this contact should be carried to the emergency channel as soon as possible, and from there your emergency net should be put into operation.

BEFORE EMERGENCY

1. Prepare yourself by having your transceiver at its best operation level. Have an emergency power source which you can depend upon.
2. Help your club to set up and test a smooth operating emergency net.
3. Register your facilities with your local club and see that they register them with the agencies in your area.
4. Be sure that you know what to do and how to do it.

IN EMERGENCY

1. Be sure that the channel is clear and report to your control point. Never transmit when the channel is busy *unless* your message is important.
2. Work as your ECD suggests, offer all you have to give.
3. If you cannot help **STAY OFF THE AIR!**
4. If you are a control point take charge, remember your emergency plan and carry it out.
5. Remember that your control points are in charge, stay off the air as much as possible.
6. Cooperate with the control points, your local agencies, and your ECD.

CB SAFETY SYSTEM PERMANENTLY AUTHORIZED

The Department of Streets and Traffic of the City of Detroit, Michigan, has been granted permanent authorization by the Commission to continue wireline control operation of the remote transmitting equipment of its Class D station in the Citizens Radio Service. The Commission waived Section 95.119(d) of the rules, prohibiting use of remote control in the operation of Class D Citizens radio transmitters, to make the grant.

The safety system utilizes the City's patrol vehicles and 2,300 of the more than 12,000 Detroit area Citizens Band licensees who report accidents, disabled vehicles and other incidents over their own licensed Citizens radio transmitting units. A system of ten receiving and five transmitting sites connected by telephone lines enables messages to be received by an operator at a fixed location in the central business district of Detroit. When it is determined that assistance is required, the operator summons the appropriate City authority which dispatches the necessary assistance to the scene of the incident.

The Detroit authorities were authorized temporary use of a roadway surveillance communications system for reporting highway incidents on July 1, 1966, and were granted use of remote control facilities on February 7, 1968, by a rule waiver. The City's program for a Citizens radio safety system was originally experimental. The applicant stated, however, that an independent study by Wayne State University in Detroit showed that such a program would be a valuable part of the City's basic services.

FIGHT INFLATION!

Still the greatest
value in
CB base antenna
history...

The Magnum

MODEL M-117 \$32.95

Suggested resale price

- The original omni-gain antenna—3.75 solid dB gain!
- "Hi-Q" phasing transformer, weatherproof construction!
- ¼ wave length radials!
- More CBers own Magnums than any other base station antenna!



1168

Be an "antenna specialist!" These great, top-quality jackets available only from your A/S dealer — just \$8.95.

the antenna specialists co.



"Stripes of Quality"

Division of Allen Electric and Equipment Co.
12435 Euclid Avenue, Cleveland, Ohio 44106
EXPORT: 220 Shames Drive Westbury, L.I., New York 11690
CANADA: A. C. Simmonds & Sons, Ltd.

The most powerful antennas under the sun!



OMNI-FUNCTIONAL with INDIVIDUAL CONTROLS plus MASTER ON/OFF SWITCH



HY-GAIN BASE STATION CONTROL

Everything you need in one handsome unit at far less than you would spend if you bought these accessories individually.

1. SWR Bridge — Monitor your SWR to make sure you're really getting out.
2. Percent Of Modulation Meter — Make sure your signal has plenty of punch.
3. Power Meter — Lets you check your power to be sure your transmitter is operating at peak performance. Three ranges: 10, 100 and 500 watts.
4. Legal Phone Patch — Connects the phone line to your CB station.
5. Receive Pre-Amp — Fine tunable to provide maximum performance on all 23 channels with up to 20db gain.
6. Built-in Speaker — Makes all transceivers sound better.
7. Antenna Switch — Use up to 3 antennas or dual polarity. You can select horizontal, vertical or omni-directional.
8. On The Air Display — Indicates visually when RF is applied to antenna.
9. Station Mute Control — Keeps everything hot and ready to go, but audio quieted when not needed.
10. Phone Jack — On back panel for monitoring transmissions. Speaker disabled when headsets are in use.
11. Speech Processor — A combination compressor-clipper amplifier which raises the average modulation percentage and gives you more talk power. Has both a gain control and clipping control. Adjustments of the Speech Processor can be monitored visually by the Modulation Indicator and audibly by plugging headsets into the built-in phone jack.
12. Big Switch — Will control entire CB station.
13. A.C. Convenience Outlets — Four grounded outlets on the back panel (three are connected thru the "Big Switch" and one is "hot" at all times for use with clock). Connectors furnished.

ORDER NO. 507

CB NET \$159.95

See the best dealer under the sun — the one who handles all Hy-Gain products

HY-GAIN ELECTRONICS CORPORATION

P.O. Box 5407-DE, Lincoln, Nebraska 68505

THE BURGLARM

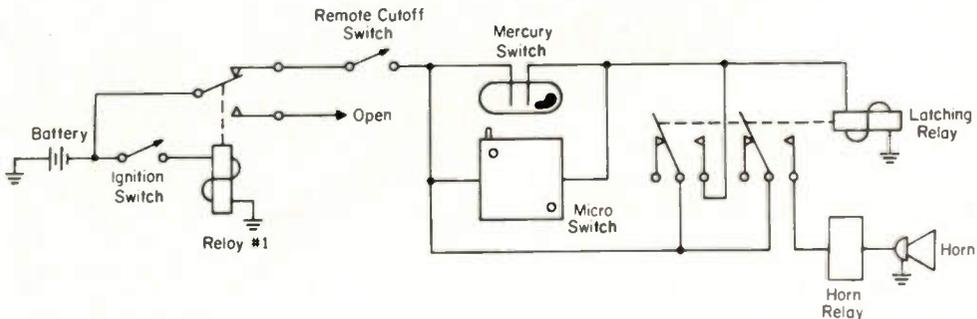
There are many Buglar Alarms for cars available today but they all depend on the driver who must turn them on when he leaves the car. You KNOW you will remember to turn it on every time but are you sure that your wife will? Unless you are a two car family and hers doesn't have a rig, what can you do to keep that expensive piece of gear from being stolen?

The circuit in this article is a pretty good answer. It's fully automatic and offers double protection against theft. And the added bonus is that no matter whether your car is six volt or twelve, big or small, this system will work. The cost of parts and time is small compared to the replacement of your rig.

The operation of the unit works like this. When the ignition is on, Relay #1 is ener-

two switches need only conduct long enough for the latching relay to close, from then on the horn will blow even if the switches are ripped out. The remote cutoff switch serves to silence the system for removal of the set by its owner and to stop the horn if an attempt has been made to take the rig.

To prevent the relays from getting dirty and affecting their operation the use of sealed types is recommended. Wiring layout and polarity are not important where the Mercury and Micro switches are paralleled should be away from the set itself. The remote cutoff switch should be easily reached but well hidden. Most types of Alarms use them and the educated thief may look for the switch before trying to take the rig. All leads from the radio can be taped to your



gized and removes power from the Alarm. When you shut the ignition off the relay closes and turns on the Alarm. This is the automatic feature of the circuit.

Power is applied through the manual cut-off switch to two switches wired in parallel. The mercury switch is mounted in the radio case and is set in the open position when the set is in the mount. The second switch is a Micro type which is externally mounted for two reasons. First, it acts as a decoy to warn the thief that the rig is protected and second, if not noticed will serve it's normal function of tripping the car horn. It is positioned on the mobile mount so that the rig holds it in the open position under normal conditions.

If either or both the switches close they pass current to a "latching" relay which both keeps itself closed and turns on the horn. The

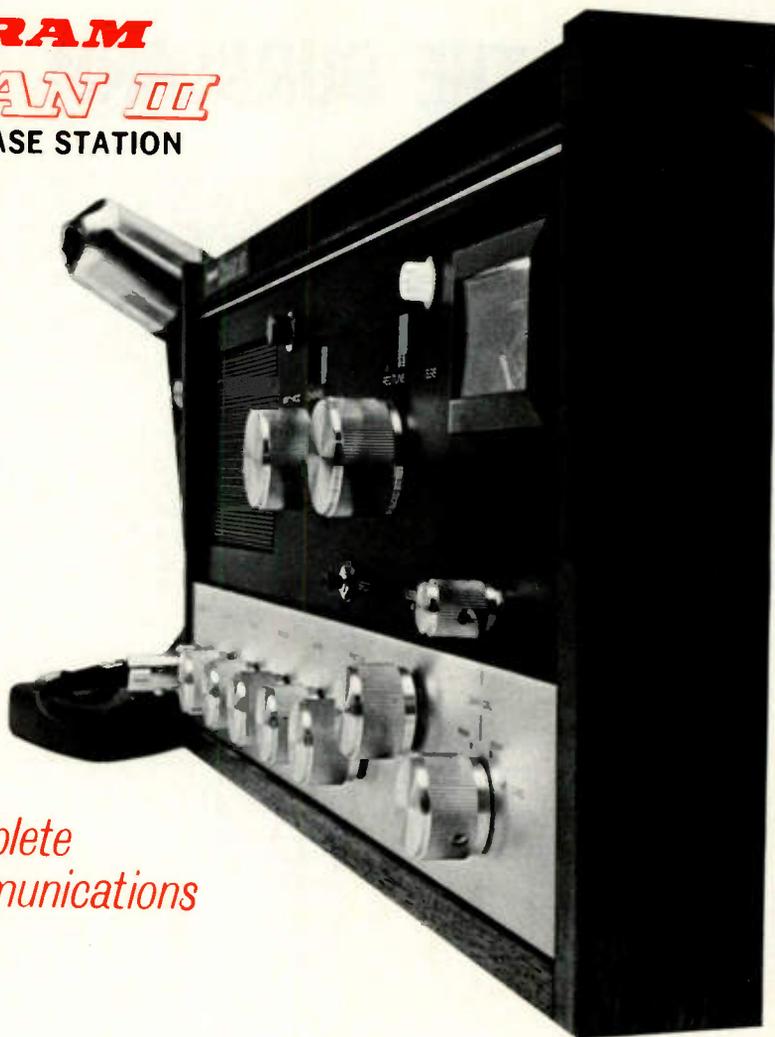
antenna, ground or power wires so that they are not readily noticed and will not affect normal horn operation.

You can then "dress up" your installation with a set of burglar alarm warning stickers. They are available in sets of 6 for \$2 post-paid, from CRB Research Inc., P.O. Box 56-X, Commack, N. Y. 11725.

PARTS LIST

- Relay #1—6 or 12 VDC Heavy Duty (Sealed Type).
- Remote Cutoff SW.—115 VAC, 3 AMP S.P.S.T.
- Mercury SW.—1" x 1/2", 115 VAC 3 AMP S.P.S.T.
- Micro Switch—Lever or Button Type, 111 VAC 3 AMP S.P.S.T.
- Latching RLY—6 or #2 VDC (Sealed) with 2 contact sets.
- Misc—18 gauge Hookup Wire, Relay Mounting Hardware.

TRAM
TITAN III
SSB-AM BASE STATION



*Your complete
C. B. Communications
Center*

- **15 watts PEP** (peak envelope power) full allowable power.
- **True single sideband** - transmits and receives the equivalent of 46 channels plus straight AM.
- **Multi-Function meter** - accurately measures (a) S units, (b) S. W. R., (c) power into built-in dummy load, (d) power through antenna.
- **Built-in low pass filter** for T. V. I. - free operation.
- Complete with oiled walnut cabinet and vinyl top **\$598.00**

For more information, see your Citizen Band dealer, or write to:

TRAM CORPORATION

Lower Bay Road, P.O. Box 187, Winnisquam, N.H. 03289
Phone 603-524-0622 Cable address: TRAM

THE CLIFF

HANGER

ANTENNA

Here's one for the true experimenter, it's a ground plane which uses the rain gutter on your house as the "ground" portion of the antenna. If you live in an apartment house which doesn't give you a rain gutter, try this with a fire escape, terrace, or other handy large metal "cliff" type structure as the ground portion.

FIRST OFF

Well, first off, we are going to tell you that we are going to shake you up a bit with the length of the radiating element because it's somewhat different than the size to which you have become accustomed. Remember the good old fashioned 108" whip? This time you're going to try a 129" radiator for size, and you're going to tune it to resonance with a capacitor! Why? Peaking the antenna in this manner gives you a better match for your coaxial feeder, which, in turn, will give you a somewhat more efficient antenna than a plain, unadorned, 108" whip jammed onto the roof. This is especially true since the rain gutter, fire escape, or whatever, will not come shining through with the 11 meter resonance of a measured out ground plane radial.

Since 129" whips are sort of hard to come

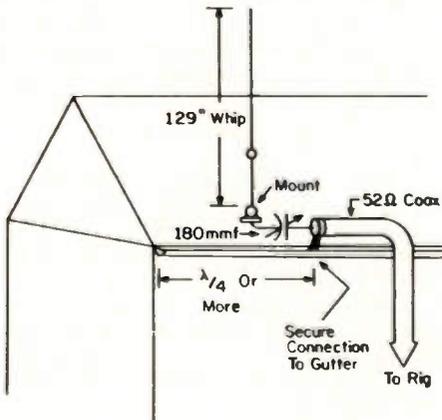
by, we used a 103" whip in combination with a 26" extension.

CONSTRUCTION

Construction is what we call "zilch," or just about nothing. An inexpensive mobile "ball" mount was obtained and mounted on a wooden block which was drilled through the center to permit access to the soldering lugs of the mount. Another hole was drilled horizontally in the block to permit getting the coax to the solder lugs while the block of wood is flush against the roof. Details of all of this are shown in the illustration.

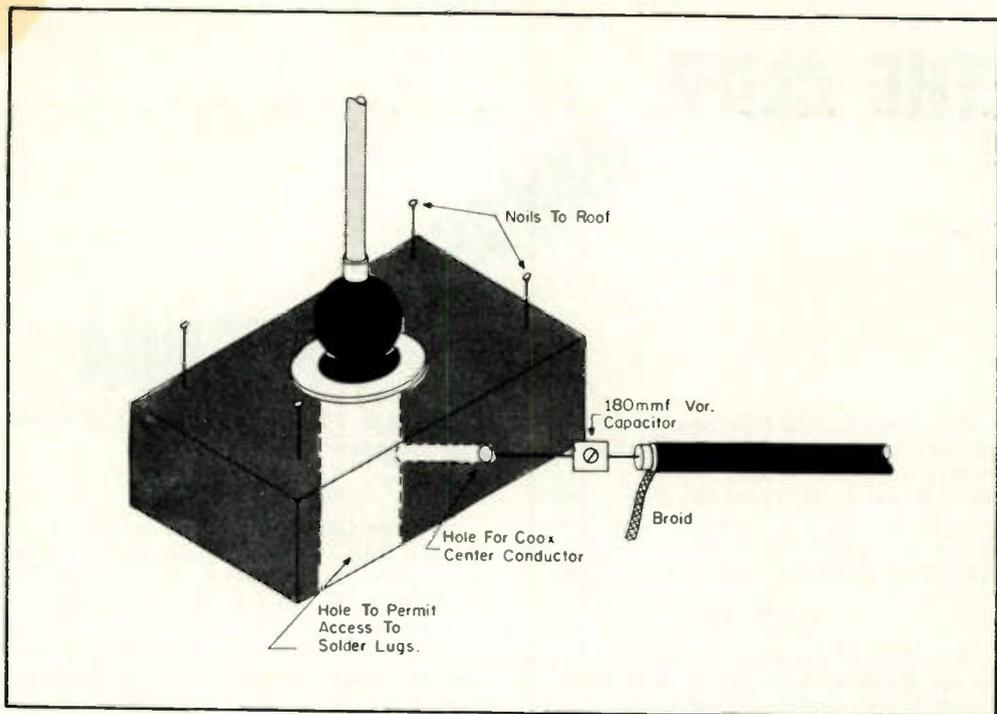
Before you do any attaching of mounts and soldering of coaxes it will be best for you to select a spot on your roof for this antenna. The best spot will be as close to directly above your shack as possible while still allowing at least a quarter wave (about 8 feet) or more of rain gutter on each side of the mounting location.

Now comes the fun. The capacitor which will load the antenna is a 180 uuf variable and this will be in series with the center conductor of the coax. Since it will have to be tuned while the antenna is mounted it must be



PARTS LIST

- 1 129" whip
- 1 Mobile ball mount
- 1 180 uuf variable capacitor
- 1 block of wood
- 4 nails



located *outside* of the wooden mounting block. This means that the coax itself will have to be stripped back so that the center conductor will be long enough to pass through the block of wood to the solder lug on the mount. The braid will have to be long enough to reach the rain gutter (the braid, of course, will not go into the block of wood).

When you have your spot on the roof chosen, connect up the mount on the drilled block of wood and then strip the coax, attach the capacitor, and mount the block of wood to the roof with several nails. The whip antenna should then be inserted in the mount and the mount adjusted so that the whip is in a vertical position.

The coax braid should then be run to the nearest point on the rain gutter for attaching.

Sandpaper or file the gutter at this spot to insure a clean contact. Attach the braid to the gutter with solder or self tapping screws.

A few #5 insulated copper staples (Eagle 273, or equivalent, available at most hardware stores) should be located on the coax near its roof end to provide strain relief. In fact, they can be used every few feet all the way down to the rig to stop the coax from waving around in the breeze.

TUNING

With the antenna mounted, the next step

is to tune it up. This is done by inserting a Standing Wave Ratio bridge (meter) at the back of the transceiver and then tuning the variable capacitor at the base of the antenna from minimum to maximum until the lowest SWR reading is obtained on the meter. Let's face it, somebody is going to have to help you in doing this unless you can devise a way to be able to press the mike button and read the SWR meter while on the roof tuning the capacitor. When you find the proper adjustment of the capacitor, dab some nail polish or *Duco* cement on the screw to prevent it's being jarred out of adjustment. A small plastic box can then be placed over the capacitor to protect it from weather. The box can be wrapped in several layers of *Scotch* electrical tape for maximum weatherproofing.

HINTS

If it is possible for you to attach a 5 foot copper ground rod to the rain gutter downspout (before you tune up) you will probably get better results, although this is not a *necessary* step in the construction of the antenna.

When you tune the antenna, set your transceiver either on Channel 9 or on your most used channel.

I think that you will be pleasantly surprised at the results.



THE GREAT NEW "45"

Looking for the mobile antenna that outperforms the others? Get the "Super 45". You'll see why Shakespeare, the fiberglass pioneer, is the leader in fine antennas.

Shakespeare

Industrial Sales Division

Jefferson Square • P. O. Drawer 246, Columbia, S. C. 29202 • (803-779-5800)

Coming

EVENTS

Tri County Aces, Inc., 5th Annual Coffee Break, May 2nd, Lake City Fire Hall, Lake Penna. Route 18. Contact: Richard Mansfield, Chairman, Box 144, Albion, Penna. 16401.

8th Annual CB Jamboree, July 2nd, 3rd and 4th, Wise County Fairgrounds, 3 miles from Wise, Va. Contact: Norton Rescue Squad, Jim Boggs, 553 Oak Ave., N.W. Norton, Va. 24273.

5th Annual Town and Country CB Radio Club Jamboree, May 1st and 2nd, Four H Fairgrounds, Hwy. 31A, South of Columbus, Indiana. Contact: Kenneth Smith, 1212 McClure Rd., Columbus, Ind. 47201.

3rd Annual Central Minnesota CB Ass'n Picnic, July 11th, Sauk Rapids Municipal Park, north of Sauk Rapids on US 10. Contact: CMCBA, P.O. Box 2, Sauk, Rapids, Minn. 56379.

3rd Annual Land of Lincoln Jamboree, June 12th and 13th, Macon County Fairgrounds, Decatur, Ill. Contact: Mrs. Sue Hannon, 3402 Orchard Drive, Decatur, Ill. 62521.

Raleigh United CB Radio Club, Old North State Jamboree, June 5th and 6th, Dorton Arena, North Carolina State Fairgrounds, Raleigh, N. C. Contact: P.O. Box 11167, Raleigh, N. C.

Medina County REACT Coffee Break, June 27th, Medina County Fairgrounds, US 42, Medina, Ohio. Contact: P.O. Box 98, Wadsworth, Ohio 44281.

Prarie State CB Club Jamboree, May 29th and 30th, DuPage County Fairgrounds, Wheaton, Ill. Contact: P.O. Box 504, Downers Grove, Ill. 60515.

Schuylhill CB Radio Club 6th Annual Jamboree, June 20th, Red Church Grove, Rt. 61, 8 miles south of Pottsville, Pa. Contact: Meyers, P.O. Box 652, Pottsville, Penna. 17901.

Frontier CB Radio Club 9th Annual Round-up, April 25th, Washington County Fairgrounds, Marietta, Ohio 45750. Contact: James Gibson, P.O. Box 241, Marietta, Ohio 45750.

South Western General Radio Ass'n Stratfordville Stampede, July 3rd and 4th, Stratfordville, Ontario, Canada.

Twin County Radio Club 5th Annual Coffee Break, May 16th, Shaffers Barn, Berwick,

Penna. Contact: Ray Vandermark, R.D. 1, Berwick, Penna. 18603.

Interstate Emergency Comm. Team Jamboree, August 22nd, Mount Saint Charles Area, Logee Street, Woonsocket, R. I. Contact: Joseph Huart, 67 Theresa Street, Woonsocket, R. I. 02895.

3rd Annual Jamboree, Quartz Mountain CB Radio Club, May 15th, Rotary Center, Alturs City Park, Altus, Oklahoma.

Breakers CB Radio Club Coffee Break, May 9th, V.F.W. Hall, Route 250 North, Norwalk, Ohio. Contact: Helen Nestor, 24 Townsend Ave., Norwalk, Ohio 44857.

V.F.W. CB Jamboree, 4th Annual, National Guard Armory, Bluefield, W. Va., May 15th and 16th. Contact: Jamboree Committee, Route 3, Box 931, Bluefield, W. Va. 24701.

Tampa CB Radio Club 6th Annual Jamboree, May 22nd and 23rd, Tampa, Florida. Contact: Tampa CB Radio Club, P.O. Box 9151, Tampa, Florida 33604.

Burlington County CB Radio Club Annual Coffee Break, April 18th, Saint Paul's School, East 6th Street, Burlington, N. J. Contact: Walter Nixon, 215 Pine Street, Mt. Holly, New Jersey 08060.

1st Annual Friendship Day, June 20th, Westfield Fairgrounds, Russellville Road, Westfield, Mass. Contact: North Eastern Communications Team, P.O. Box 1234, Holyoke, Mass. 01040.

Nutmeg Citizens Radio Ass'n, Tri State and REACT 1st Annual Jamboree, September 26th, Historial Booth Memorial Park, No. Main Street, Stratford, Conn. Contact: Donald Sampson, 402 Barnum Terr. Ext., Stratford, Conn. 06497.

4th Annual Memorial Day Camp-Out Jamboree, May 28th, 29th and 30th, Desert Radio Ass't Group, Antelope Valley Fairgrounds, Lancaster, Calif. Contact: Box 655, Lancaster, Calif. 93534.

Lake Rangers Two-Way Radio Ass'n 8th Annual Jamboree, July 31st and August 1st, Erie County Sportsmen's League Grounds, 5 miles south of Erie on Route 19. Contact: P.O. Box 8126, Erie, Pa. 16505.

Illinois Largest Jamboree, Eastern Ill. Fairgrounds, Danville, Illi. August 27th, 28th and

29th. Contact: Danville, Illinois REACT Team, P.O. Box 258, Danville, Ill. 61832.

Old Dominion CB Ass'n 2nd Annual Jamboree, May 28th, 29th and 30th, 4-H Center, 3 miles northeast of Abingdon, Va. Contact: Box 222, Abingdon, Va.

9th Annual Famous Heart of the Nations Jamboree, May 15th and 16th, Sportscenter. Contact: Ky. and Ind. CB Radio League, P.O. Box 145, Owensboro, Ky. 42301.

Denver-Metro REACT Annual CB Jamboree, June 26th and 27th, Jefferson County Fairgrounds, Denver, Colo. Contact: Denver-Metro REACT, P.O. Box 19065, Denver, Colo. 80219.

Homewreckers CB #4 Classic Coffee Break, June 13th, American Legion Pavilion and Grounds, Lancaster County, Penna. Contact: Homewreckers CB Club, Lancaster County CB Ass't Group, Box 194, Mount Joy, Penna. 17552.

Buxtmont Keystone 8th Annual CB Jamboree, May 23rd, West Point Park, West Point, Pa. Contact: P.O. Box 13, Hatfield, Pa. 19440.

Raleigh United CB Radio Club 1st Annual Jamboree, June 5th and 6th, Dorton Arena, North Carolina State Fairgrounds, Raleigh, N. C. Contact: P.O. Box 11167, Raleigh, N. C. 27604.

Washington Radio Patrol 2nd Annual Coffee Break, Puyallup Industrial Airfield, Thun Field, Meridan South, Puyallup, Washington. Contact: 601 East 64th, Tacoma, Washington 98404.

2nd Annual One-9'er CB Club Jamboree, June 19th and 20th, Wyandotte County Fairgrounds, 98th State Ave., Kansas City, Kansas. Contact: Leo Jacobs, 3132 Waverly, Kansas City, Kansas 66104.

3rd Annual Monongahela CB Radio Club Jamboree, May 23rd, National Guard Armory, Richwood, West Va. Contact: Eldon Collins, Box 133, Fenwick, W. Va.

Illinois Class D Radio Club and Champaign County REACT Team Jamboree, May 15th and 16th, Democrat Picnic, Urbana, Ill. Contact: E. E. Barr, 706 W. Vine St., Champaign, Ill. 61820.

6th Annual Tampa CB Radio Club Jamboree, May 22nd and 23rd, Zenda Grotto Bldg., 4109 N. Lauber Way, Tampa, Florida. Contact: 9151, Tampa, Florida 33604.

Independent REACT Coffee Break, May 16th, Newton Falls, Ohio. Contact: Mrs. E. Martindale, 1116 Diehl South, Leavittsburg, Ohio 44430.

8th Annual CB Jamboree, July 2nd, 3rd and 4th, Wise County Fairgrounds, 3 miles from Wose, Va. Contact: Norton Rescue Squad, Jim Boggs, 553 Oaks Ave., N.W. Norton, Va. 24273.

Suddenly we're a household word.



New Cobra 25 CB Base Station

As if we weren't famous enough already. Now we're a household word.

Why? Because we've come up with everything you've been asking for in a CB radio designed for the home (or for that matter, any place a base station is used).

It's called the Cobra 25. You have to see it to believe it. Hear it and you'll be convinced.

Ultramodern new solid state circuit design gives you the biggest talk power in the industry—full 5 watts input, maximum legal output up to 4 watts.

And exclusive Dynabooost speech compression puts your message through crisp and sharp, even when others are garbled and unclear.

The word is spreading fast about the new big talking Cobra 25. Shouldn't you have one for your household or communications center?

See your dealer or write us for complete details.

Cobra 25 \$228.00



Product of
DYNASCAN
CORPORATION
1801 W. Belle Plaine
Chicago, Illinois 60613

The Biggest Voice in CB Radio

WILDCAT II

The world's smallest full 5-watt radio.

Wildcat II has Pearce-Simpson's 5-way meter (signal strength, relative RF output, "receiver on" indicator, "transmitter on" indicator, and "modulation" light).

It also features 6 channels, ceramic filter, and automatic noise limiter. Mighty mouth. \$69.95*

COUGAR 23

The only standard mobile unit on the market with SWR bridge. Cougar 23 has an exclusive 7-way meter (signal strength, relative RF output, SWR forward, SWR reflected, "receiver on" indicator, "transmitter on" indicator, and "modulation" indicator). Other features are automatic noise limiter and true RF

noise blanker with manual override switch; Delta tune; ceramic filter; all solid state with IC and FET; and external speaker jack and P.A. \$169.95*

BOBCAT 23B

An ultra small CB radio that sports a safety padded front panel and knobs. Bobcat 23B has 23 channels, an illuminated S/RF meter, ceramic filter, and P.A. One of our best buys. Tears you up. \$129.95*

For more information write: Pearce-Simpson, P.O. Box 800, Biscayne Annex, Miami, Fla. 33152.

Pearce-Simpson

A Division of **GLADDING** Corporation



GLADDING

Don't go out without Gladding.



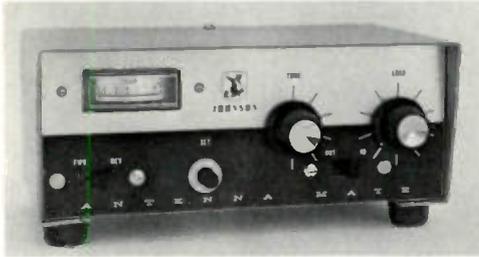
The Loudmouths.

Three CB "Cats" from Pearce-Simpson

*Suggested list price.



ON THE COUNTERS



A combination antenna tuner and SWR meter, which contains everything needed to measure and correct antenna line mismatches, has been introduced by the E. F. Johnson Company. Called the "Antenna Mate," it can correct antenna line SWR's of up to 5:1 to less than 1.1:1. A built-in meter reads the standing wave ratio from 1:1 to 10:1, and also indicates the relative power output. By correcting antenna mismatches the "Antenna Mate" not only produces maximum transmitted signal, but also improves receiver performance. All that is required to operate the unit is to insert it in the coaxial line between the transceiver and antenna, using standard coax connectors. It is priced at \$29.95. Complete details are available from local Johnson dealers, or from the E. F. Johnson Company, Waseca, Minnesota 56093.



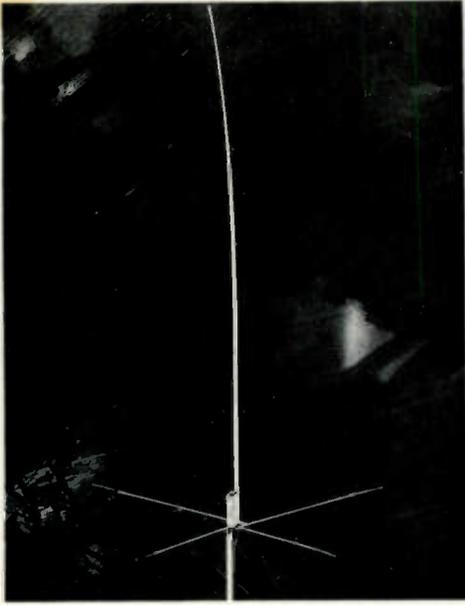
Lafayette Radio Electronics Corporation, 111 Jericho Turnpike, Syosset, L. I., New York 11791 introduces a 23 channel citizens band mobile transceiver in the HB-525 series . . . the HB-525D. The unit is FCC Type Accepted and D.O.C. approved.

Frequency synthesis oscillator circuitry provides 23 channel transmit and receive operation

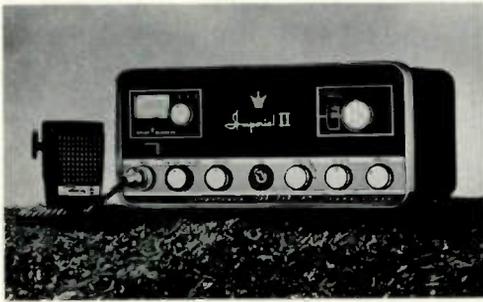
with all crystals supplied! Use of solid-state electronics including integrated circuits results in excellent sensitivity with lower overall battery drain. Total power drain is less than one ampere at full output. Dual conversion receiver features a 455 kHz mechanical filter, 3 position delta "offset" tuning, series gate noise limiting, and variable squelch circuitry. Other features include Ranger Boost modulating stages, Public Address amplifier provisions, 3" x 5" speaker, and TVI filter. Operational monitors include a large, easy to read illuminated S/Prf meter plus lights for modulation and receiver operation. Modern functional front panel with simulated leather insert. Operated on 12 VDC positive or negative ground. Three optional power supplies permit operation on 117 VAC, 6 VDC, or as a portable battery operated transceiver. Semiconductors: 1 IC, 18 transistors, 9 diodes, and 1 thermistor. Size: 2 3/8" H. x 6 1/4" W. x 8" D. Supplied with mounting bracket, fused power cable, and push-to-talk microphone. Imported to Lafayette's specifications.

Pal Electronics Co., 6391 Westminster Ave., Westminster, Calif. 92683, announces their *Slider/Scanner 1* unit which provides continuous tuning for all CB channels. It attaches to a number of specific fixed-tuned rigs, including some units made by Midland, SBE, Mark, Pal, Browning, Tram, Regency, Johnson. The unit plugs into an existing crystal socket and comes ready for AC/DC use, no wiring, circuit, changes or adjustments are required. Price not available at press time.

A fiber glass base station antenna has been announced which is designed to withstand severe weather conditions and still give optimum performance. Called "Mag-Ten," it is the latest addition to Antenna Specialists' line of Magnum antennas. The new "Mag-Ten" is rated to withstand 115 m.p.h. winds, and the all-white "Armorweave" fiber glass is guaranteed for 10 years not to fade or deteriorate from intense sun, heat, rain, or snow. Encapsulated inside the fiber glass is a solid copper radiator a full 1/2-wavelength long. It is end-fed with a dual phasing coil, which is also sealed inside to assure an optimum impedance match and low SWR in any



type of weather. The antenna is fully grounded for reduced receiver noise, and the fiber glass eliminates many detuning and static problems because it's non-conductive. It also features adjustable power-tip radials, and an omni-directional gain of 4-dB that results in an effective (legal) radiated power of 10-watts when using a 4-watt output transceiver. Suggested price of the new model M-317 "Mag-Ten" is \$59.95. Complete details are available from A/S dealers or by writing to The Antenna Specialists Company, Division of Allen Electric and Equipment Company, 12435 Euclid Avenue, Cleveland, Ohio 44106.



Regency Electronics, Inc., Indianapolis, Indiana, has been informed that their Imperial II, Citizens Band Radio Transceiver, is approved for sale in Canada by the Canadian Department of Transport.

The entire line of Regency transceivers and FM receivers is available in Canada for immediate shipment from the complete sales and service facilities of Lectron Radio Sales, Ltd., 211-213 Hunter Street, W. Peterborough, Ontario, Canada.

The latest "camera-type" cabinet styling and a number of special engineering features mark the introduction of two new, low-cost super-heterodyne walkie-talkie models from Fanon Electronics.

Both the 9 transistor, 3 channel *Voyager*, Model T-091-2 (suggested resale: \$34.95) and the 6 transistor, single channel *Vagabond*, Model T-061-2 (suggested resale: \$29.95) offer 100 milliwatts of power. And both are supplied with a built-in "call-tone" signal that can be used to alert the companion unit. The "call-tone" has greater range than voice transmission, and saves battery life.

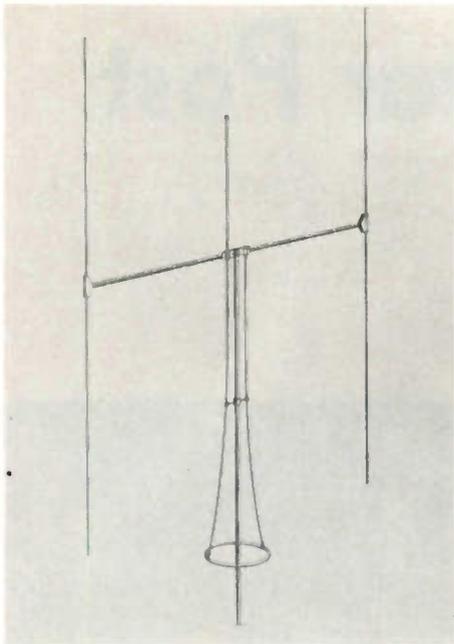


Other advantages include a superheterodyne 'push-pull' receiver with tuned RF amplifier, crystal controlled transmission (crystals supplied for Channel #15) and AGC (automatic gain control) with full modulation. Small in size for handy communications, the units weigh just 9 ozs. each.

For complete information write to Mr. Murray Trotner, Sales Manager, Fanon Electronics, 100 Hoffman Place, Hillside, New Jersey 07205. Phone (201) 399-3400.

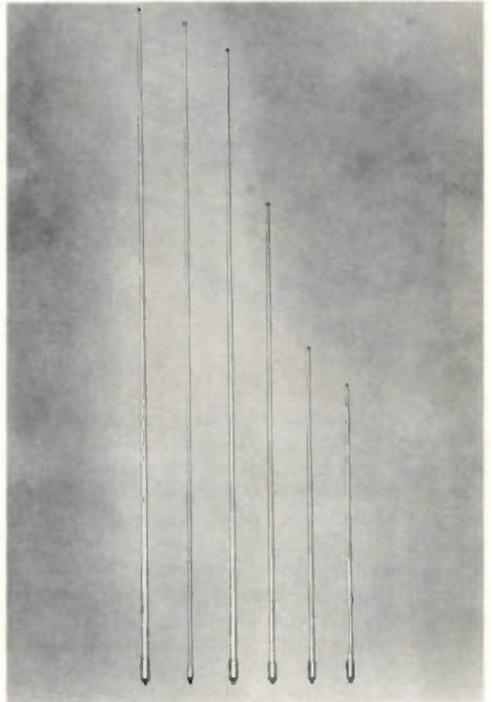
Avanti's new CB antenna the "Astro Beam" has more forward gain than many three element beams and a front to back ratio not found in any antenna currently manufactured for the CB market. The 40 db rejection makes it possible to cut out many noises and unwanted signals.

Astro Beam combines Avanti's Astro Plane omni-directional antenna as the center element with a director and a reflector to achieve the 3-element beam configuration. This optimum spaced beam design along with direct ground construction also provides lightning protection



ing base or spring and the antenna radiator. Nominally priced, the Model SJ-1 will accommodate $\frac{1}{4}$ "-20 to $\frac{1}{4}$ "-20 threads and the SJ-2 will accommodate $\frac{3}{8}$ "-24 to $\frac{3}{8}$ "-24 threads.

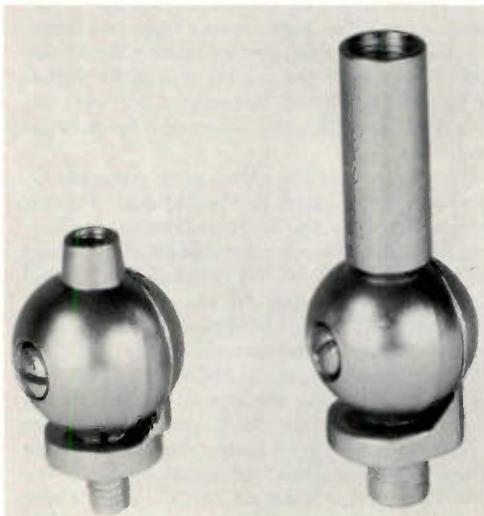
For additional information write: Sales Department, New-Tronics Corporation, 15800 Commerce Park Drive, Brookpark, Ohio 44142.



and static dissipation. Price is \$59.95.

The lightweight construction of approximately 10 lbs. is achieved by using aircraft quality aluminum and cycolac castings. Astro Beam can easily be turned by any inexpensive, light duty antenna rotor. It has an 11 db forward gain, a 40 db front-to-back ratio. Avanti's address is 35-25 W. Fullerton Ave., Addison, Ill. 60101.

To optimize antenna performance where the antenna is not in the true vertical polarization pattern, New-Tronics Corporation announces availability of 180° swivel ball assemblies, designed for use with short antennas not exceeding 60" in height. Either type inserts between mount-



Pearce-Simpson, Inc., a Division of Gladding Corporation, has introduced a line of mobile Citizens Band Antennas ranging from 18 to 105 inches and are available in fiberglass or stainless steel.

Featured in the line are the 1 TO 1 PLUS 4 and the 1 TO 1 PLUS 6. Both have an adjustable tuning tip to give the lowest possible SWR. The top loaded design of the 1 TO 1 PLUS Series solves the problem of low efficiency. Constructed of the finest gleaming white fiberglass, the 1 TO 1 PLUS Series offers the best in strength, durability and noise free performance. The 1 TO 1 PLUS 4 and 1 TO 1 PLUS 6 do it all for only \$10.95 and \$11.95.



BARGAIN HUNTING?
 SEND 10c TO DEPT. 9
 FOR BARGAIN CB CATALOG!
HENSHAW'S
 3617 TROOST, KANSAS CITY, MO

The Monitor Post



Several readers have written to ask if we can give them any information on so-called *scramblers* being used by a few of the public safety licensees. Well we can tell you that there are a number of different speech scrambling units commercially available, each operating with different approach to scrambling a voice; one may reverse the highs and lows of the voice, another might attenuate certain frequency segments of the voice while boosting others; still another system might impose a loud tone over the voice of the dispatcher. The receivers in these systems have the ability to restore the messages to total readability by special attachments.

You can see then that there is no hard and fast formula to unscramble a scrambled message, each manufacturer scrambles a different way and if you've ever tried to unscramble an egg you'll realize that doing the same to a voice is an equal task. You would have to determine which scrambling system is in use for a specific station and then learn the details so that you could *build* an unscrambler. This, off hand, sounds like it might be a *slightly* more difficult task than whipping together a *Heathkit*. Forget about buying a factory fresh unscrambler from the manufacturer, they won't sell one. So—just in case you've still got a notion to unscramble a certain station, we wish you luck, courage, funds, knowledge, etc., etc.

Several readers are still sending in reception reports even though we had discontinued soliciting them several months ago. We still want skip reception reports, but (as we pointed out a while back) much of the information which was being submitted regarding run of the mill local stations was incorrect anyway. Moreover (although we didn't mention it before), we learned that there have been instances where *deliberately* false in-



Ford Jackta, Monroe, La., changed his station since the last time he ran his picture in these pages. Here's the new station.

formation was sent in for our use. There's a very interesting story involved in how somebody (who should have known better) sent us what appears to be a lot of false information under an assumed name. The guy doesn't know we know who did it. We don't really know *why* it was done, but it could prove a bit of a sticky wicket for certain west coast interests if we ever get around to showing you some of the material involved.

A reader or two has asked us to comment on the story circulating about the National Weather Service (formerly the Weather Bureau) is dropping the 162.55 weather forecasts and switching them over onto 162.40. We checked this out and learned that very soon (if not already) there will really be some changes—however not as broad in scope as the rumors. Seems that they will start broadcasting on 162.40, however this will affect only the stations in New London (Conn.), Atlantic City (N. J.), and Boston. This is being done to give better reception and to reduce the possibilities of interference to the other stations operating on 162.55. What about all the folks who already purchased those little



Dale J. Ott, KDU2041, keeps this efficient looking station on tap in Key West, Fla.

receivers for 162.55? Well, some of them can switch crystals—others will find that the crystals are either wired-in or sealed in epoxy, sorry about that. A story carried by the news services which said that all stations would switch over to 162.40 (the story which started the rumor) is being disclaimed by the NWS.

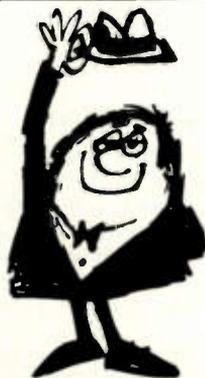
In Superior, Wis., the University PD has set up shop on 154.085. The New Hampshire State Police has added 45.78 to their station at Concord. Mad River, Ohio (believe it or not, we have several readers there) has dropped 154.785 (PD) and switched over to 155.13. New Britain (Conn.) FD added 154.235; Los Angeles County FD added bases in Olive View, San Fernando, Olive View, Lancaster, and Newhall on 154.40; the FD in Alexandria (Va.) is now authorized on 154.28, 154.34, and 154.43. Portland State University (Ore.) is now on 453.525; Rock Valley College PD (Ill.) are now on 155.955; while the Air Pollution agency in Louisville (Ky.) began operating on 155.755. Atlanta International Raceway (Ga.) took out a license for operation on 154.54; TWA at Kennedy Airport (N. Y.) moved to 460.675; Station KRYS in Corpus Christi now has a transmitter on 463.55; National Car Rental System at Chicago's O'Hare can now be heard on 462.55; Central Community Hospital in Chicago can now be heard on 154.74; Pinkerton's in Des Moines is now on 151.805; Northern Mich. University in Marquette operates now on 151.835.

The Council of Defense (Salt Lake City) changed its name to Utah Emergency Control Center, and added 47.46 and 47.50 to their existing 155.16 channel; the Auto Club of Southern California now on 452.575 from L. A.; and the Rockdale, Sandow & Southern RR Co. established a base station in Rockdale (Tex.) on 160.50. These were some of the major new stations/changes of the month.

Listeners in the area of Philadelphia (includ-

ing southern N. J. and northern Del.) will be interested in learning that CRB Research, Inc., has updated their directory covering these areas. The new publication, entitled PH-4, covers about 1,800 listings—about 460 more public safety stations than were in their previous PH-3 edition. You can therefore get some idea of the vast amount of new station added in this area, plus the numerous changes in existing systems. This directory includes data on the new Pa. State Police high band system, also totally revised data on the Pa. Turnpike system. Price is \$2 from CRB Research, Inc., P.O. Box 56-MP, Commack, N. Y. 11725.

You're slowing down on those shack photos—keep 'em coming!



**SUBSCRIBE
TODAY !**

SPECIAL POLICE & FIRE RADIO DISPATCHER DIRECTORIES

A MUST for ALL monitoring stations. Sixteen different directories covering police/fire/emergency and aero communications services from coast to coast. Most areas now covered. Regional & Statewide directories show ALL volunteer/municipal/township/county/state agency callsigns/frequencies/locations. Each directory lists thousands of stations/networks. In use by many police/fire departments. Accurate, up-to-date, inexpensive. Send self-addressed No. 10 (4" x 9") envelope for our catalog.



CRB RESEARCH INC.

P.O. Box 56-X, Commack, N. Y. 11725



DX Korner

Send SWL reports to:

Thomas R. Sundstrom, KOG2427
P.O. Box 205
Willingboro, N. J. 08046

FROM THE LISTENING POST

The following items represent a sampling of the latest information available. All times are in GMT (EST = GMT - 5 hours), and all frequencies are in kilocycles (kc). Please print or type your report, double-spacing between items, on one side of the page; deadlines are the first of each month to the address heading this column.

AERADIO: Part 87 of the Rules has been amended to permit Civil Air Patrol (CAP) stations to run teleprinter operations on the frequency of 2372.5, for the purposes of establishing more reliable communications (TK) . . . effective immediately, aircraft licensees authorized to use frequencies below 30 mc may now use SSB if they know the receiving station is capable of same, but they must still use full carrier emission if requested to do so. Here-tofore, SSB operation was restricted as there were few stations able to handle the monkey-chatter (TK).

AMATEUR: 20 m. SSB: VP2MY Leeward Is. 0518 . . . MP4TD Trucial Oman 1612 . . . HB-9AOU Switzerland 1602 . . . ZC4MT Cyprus 1547 . . . VR4PR Solomon Is. 1533 . . . 9N1MM Nepal 0113 . . . 7X2AL Algeria 1654 . . . CT3AS Madeira Is. 1628 (all by SG) . . . YJ8JS New Hebrides 0713 . . . ZK2AH Niue Island 0748 . . . DF0AFZ (location unknown—help?) 1853 . . . 5H3LV Tanzania 1833 . . . YB0AAN Indonesia 1042 . . . JD1ABO Marcus Island 2300 . . . HC8FN Galapagos Islands 0246 . . . UV0AK Asiatic USSR 0518 . . . FO8DG Tairo Island 0707 (all by WP).

ANGOLA: A station, possibly "Emisora Nacional," has been heard prior to 2300 s/off on 3322, which varies to 3319 (NNRC).

BONAIRE: Trans World Radio is heard daily 0053-0130 on 11815 with religious programming (CP) . . . Radio Nederland, Bonaire, heard

every Sunday night (in EST) at 0200 on 11730 with the "Happy Station" (PB).

CAMBODIA: "Clandestine Voice of Cambodian National United Front" was logged with native language programming 2329-2346 on 10045 (NNRC) . . . also clandestine "Khmre Rouge" station at 1045 on 10080 (ASWLC).

CANADA: The CBC, for the first time, has ventured outside the SWBC allocations, heard from 2100 on the new frequency of 9450 (NNRC).
EGYPT: Radio Cairo was heard at 0200 to NA that lasted for 90 minutes, on 9475 (PB).

ENGLAND: BBC, London, heard in English at 0330 on 15200 (TV) . . . Tim, I couldn't use the remainder of your reports as the frequencies given were incorrect, i.e., way outside the international SWBC allocations, and there were too many possibilities for me to guess. Listen for their frequency announcements at ID time, pick up a 1971 World Radio-TV Handbook, and perhaps invest in a crystal calibrator (such as the Heath HD-20), OK? Write if you have questions, or pick up the book mentioned in last month's DX KORNER . . . and let's have more reports (ed.).

GREENLAND: Gronsland Radio, Gothab, is on the air Thursdays *only*, heard with an interval signal 1010-15, s/on, followed by music, news, weather, and time checks in Greenlandic from 1015 thru 1100, on 5960. Might be audible in NA before sunrise (NNRC).

INDIA: AIR, Madras, heard in English (in PA) at 1230 on 11875 and 9530, the latter giving the best, and a good, signal (ASWLC).

INTERNATIONAL WATERS: Radio Nordsee International officially opened at 1300 on 2-17-71 on 1367, 6205, and 100 mc FM, with a 20 hour sked of 0500-0100. QSLs will be sent upon request (with a report, natch), along with 2 IRCs. The address remains unchanged from before (TI).

JAPAN: Radio Japan heard in English at 2345 s/on on 17825, beginning with news (CP) . . . JG2AE, a time signal station, heard on 8000 with call in code at 34 and 59 minutes past the hour,

heard at 0749. '71 WRTVH says just 500 watts (WP).

KOREA, NORTH: Pyongyang heard in Spanish to Latin America on 15150 replacing 15520, at 0100 (ASWLC).

KUWAIT: The International Service of Radio Kuwait has changed the frequency of its English service beginning at 1600, from 11825 to 11735. Also heard at 1600 on 11705 (SCDX).

MALAYSIA: The home service of Radio Malaysia heard on 4985 at 1204 with news in English, good signal with no interference (WP).

MOZAMBIQUE: Radio Mozambique heard with an English language pop music show, with commercials, from 0551 on 11780 (WP).

OKINAWA: NCN, Futema, heard on 6850x at 0829 with a call marker in c.w., good signal (WP).

POLAND: Radio Warsaw heard 0300-0330 on 9655 in English, news about the country (CP).

PUBLICATIONS: The ASWLC "Utility Station Address Book" lists over 200 hard-to-get addresses of utility stations. \$2 check or money order gets it postpaid in the U.S., Canada, or Mexico. Also, for new listeners, the "Proper Reporting Guide" @ \$2.05 tells how-to-do-it. Use the address at the end of the column (ASWLC).

SOUTH AFRICA: The internal service of the SABC was heard on 7215 at 0415 with a program called "Agricultural Journal." Good signal, despite heavy ham QRM (WP) . . . Radio RSA to NA at 2330-0320 has replaced 11875 and 11970, no other changes in keeping 9695, 9705 and 15200 in parallel (SCDX) . . . as I'm preparing this column, Radio RSA on 15175 to East Africa and the Middle East at 1500-1600, then 1600 following to Nigeria/Ghana, is putting a good signal in. From 1600 slight splash from ELWA (Liberia) on 15170 with Arabic to North Africa causes some interference (TRS).

SWEDEN: Among other changes, Radio Sweden has changed its WNA beam at 0300-0430 from 9725 to 5990 and dropped its ENA service at 1100-1200 (SCDX).

SWITZERLAND: Berne heard at 0701 on 9590 beginning with news, with a very poor signal

here (WP).

TAIWAN: The Voice of Free China is scheduled with English to NA 0200-0300 on 17890, 17720, and 15345 (ASWLC).

USSR: Radio Tashkent on 9600 heard with English 1200-1230, mailbag program in progress (CP).

USA: The FCC has proposed a rule change to allow SSB on frequencies below 25 mc in the fixed, aviation, and marine radio services. Within one year for new systems, and six years for existing systems, double sideband equipment would be taken out of service. This affects Police, Local Government, Forestry Conservation, and Special Emergency Radio Services . . .

VATICAN STATE: Vatican Radio's only English transmission to NA is at 0050, interval signal 0045, and the program runs for 15 minutes (PB) . . . what's the frequency, Paul? You didn't give it, but '71 WRTVH says 6175, 9615, and 11725 (ed.).

VIETNAM, NORTH: Hanoi, heard in Ohio, on 10040 in English at 1030 and at 1100, has been giving good signals (ASWLC) . . . I never can find the darn thing here, like to see what garbage they're giving out (ed.).

LIST OF CONTRIBUTORS

PB—Peter Barr, 1648 Sequoia Trail, Glenview, IL 60025

SG—Steven M. Garber, 156 S. Martel Ave., Los Angeles, CA 90036

CP—Charles L. Pfister, 1918 Montclair Ave., Bloomington, IN 47401

TI—Terje Isberg, Bersvagen 13, S-150 24 Ronnige, Sweden

TK—Tom Kneitel, Editor, S9

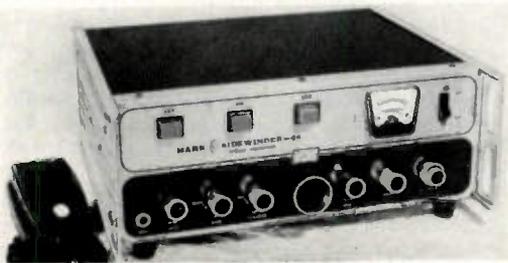
TV—Tim Vidas, KCK6566, 813 S. 10th St., Centerville, IA 52544

TRS—Ye editor

ASWLC—American SWL Club, 15182 Ballad Lane, Huntington Beach, CA 92647 (sample bulletin 50¢)

NNRC—Newark News Radio Club, 215 Market St., Newark, NJ 07101 (sample 50¢)

NEW! MARK SIDEWINDER-46 TRUE SSB



DEALERS WANTED

- RANGE INCREASED!
- 8 WATT P.E.P. SSB OUTPUT!
- 3.5 WATT AM OUTPUT!
- SSB GETS THROUGH!
- NEW CHANNELS . . . 46 SSB!
- "VOICE-LOCK" FINE TUNING!

MARK PRODUCTS COMPANY

One of the **ANIXIE** Companies
5439 W. Fargo Avenue, Skokie, Ill. 60076



BREAKING NEWS! HERE!
 UNBROKEN BROADCASTS!
 NO DOG-GONE ONE MERRY MERRY
 ON THE AIR!
 TO BASE TO REACT



**INDIVIDUALS AND CLUB MEMBERS!
SEND US ITEMS FOR THIS COLUMN!**

Address correspondence to:
JOHN KREJC, KB18077

480 STUYVESANT AVENUE RUTHERFORD, N.J. 07070

WESTERN

The Cheyenne Citizen Band Radio Club, Inc., met last week in January for the first monthly meeting of the 1971 new year. New officers heading the CB two-way radio organization are Tony Adams, President; Ann DeHoff, Vice President; Jim Feith, Secretary; and Major Dorr, Treasurer.

Opening the meeting, President Tony Adams directed his appreciation to the following members who assisted the officers with communications during the "Walk-A-Thon" for the March of Dimes held January 23: John and Jay Baker, Tom DeHoff, Andy and Olga Watkins, Jim Owens, Art Aragon, Dan Mosher, Eric Taylor and Terry Hartley. These members donated their time and vehicles in order to provide quick communications between the March Chairmen, who were with the group, and the various check points located throughout the ten mile route.

The club is primarily organized for search and rescue operations and assisting in various types of emergencies, but the members take great pride and satisfaction in being able to assist the Cheyenne community in various ways with its mobile and base two-way communications network capabilities.

One of two projects which the club is currently pursuing is a Rocky Mountain CB communications network test. It is being organized by a Denver CB Club and will test the citizen band radio capabilities from Cheyenne to Pueblo, Colorado.

The second project is the Second Annual Memorial Day Coffee Break to be held on Interstate 80 at the Lincoln's Monument Rest Area. The Cheyenne CB Club is one of many CB organizations throughout the nation which will be distributing free coffee and other refreshments to the traveling public in hopes of reducing accidents caused from drowsiness or fatigue.

Affiliated with the Laramie County/Cheyenne Civil Defense, the club has donated a CB radio and is in the process of purchasing a suitable antenna for the Cheyenne CD Headquarters building. This radio will be used to provide

emergency communications throughout the city and county when necessary. The club members have received many hours of various types of classroom instruction and the newer members are organizing to take the Medical Self-Help Course and the Radiological Monitoring Course from the civil defense instructors.

The meeting closed and refreshments were served by Mrs. Jeanie Shepard assisted by the other ladies of the club. Door prizes were won by Olga Watkins and Dave Shepard.

Globe, Arizona—*The Globe-Miami, Arizona REACT Team #2010* sponsored a combination Coffee Break and Auction in December. All proceeds from the Auction were given to the Development Center of the Gila County Association for Retarded Children. The REACT Team was quite pleased with the fine job that was done, especially when a check for \$1500 was presented to the Development Center. The success for the Auction was attributed to the hard work of the Team plus the invaluable support from the merchants and individuals in the community, who donated items for sale and then came to the Auction and bought the articles back.

CB operators from all over the state plus Missouri and Pennsylvania were in attendance.

REACT AND THE EARTHQUAKE
by Vance Marks—Public Relations
West Valley REACT

February 9, 1971, time 6:00 A.M. in the San Fernando Valley in California. Except for early risers, most everyone was sound asleep. Seconds later one violent shock shook the earth followed by about one minute of violent rocking and rolling. The areas of Sylmar and the City of San Fernando took the worst of the shock. Buildings crumbled, chimneys fell, fences toppled, and two large hospitals in the Sylmar area were reduced to rubble.

Unit 54 of West Valley REACT was just starting his regular monitoring time in the morning. Mobile unit KCP0647 was in the area near the hospitals and immediately called REACT,

stating that this was a major 10-33. Unit 54 took the call, and being out of the major disaster area by about 10 miles, he still had phone service. He alerted the civil authorities, giving them the location of the greatest damage, and continuing to keep communications flowing as other calls came in from the disaster area.

Within minutes, the Mobile Team Chairman of *West Valley REACT* was on his way to the Foothill Division Station of the Los Angeles Police Department, to set up a communications station to relay messages to the authorities. All utilities in the quake area were out and the only means of communication was by two-way radio. *West Valley REACT* has about ten monitors in the area, none of whom could operate their base stations. Many went to their mobiles and two units went to the two hospitals to establish a radio relay to the police station. Others checked in to the police station to help with their mobiles. One monitor in San Fernando had a small generator and was able to get a base station on the air, the only one in the disaster area. Calls to this station were relayed to other units that still had workable telephones.

Throughout the day our Team relayed messages from the disaster area, dispatching authorities, equipment, and volunteers to areas where needed. During the day evacuation orders went out to residents below two dams that were in danger of breaking. Our Team helped direct the people from these areas and advised others not to enter. Our main communications control remained at the Foothill Division Police Station, continuously relaying messages from units in the area without phone service.

During the afternoon the police requested additional mobiles to assist their units in preventing looting. Other neighboring *REACT* Teams learned of this and volunteered their services and we immediately accepted. From south of the valley came Santa Monica Bay Area, Centinella Valley, South Bay, and *West Coast REACT* Team members with their mobile equipment. Lt. Freed, of the Foothill Division, was in charge of the operation and directed Team members to patrol areas. Several looters were observed by the *REACT* patrol teams and police units were called to make the arrests. Lt. Freed and the Los Angeles Police department praised the efforts of the *REACT* Teams that worked so hard during the disaster. Never again will there be any doubt that *REACT* will not perform a very worthwhile service to their communities.

The last casualty was dug from the ruins five days after the quake and we settled down to watchful waiting and hoping that we never have another disaster such as this one.

This is the second major disaster in the San Fernando Valley since last September. At that time we went through three days of fire. We hope and pray that we never have to go through



Members of the Globe-Miami Arizona *REACT* Team.

another such as these two. *West Valley REACT* wishes to thank our neighboring Teams for their most welcome assistance and to assure them that we will stand ready to return the favor if we are ever needed in their areas.

CENTRAL

NATION'S LARGEST CB JAMBOREE AND MANUFACTURER'S EXPOSITION AT OWENSBORO, KY., MAY 15-16, 1971

The nation's largest Citizens Band Radio Show and Manufacturers Exposition will be held at the Owensboro, Kentucky, air-conditioned Sportscenter, according to Mr. Gilbert Cooper, general chairman of the two-day Saturday and Sunday, May 15-16 event. This will be the ninth annual show sponsored by the Kentucky and Indiana Citizens Band Radio League, Inc. Many of the nation's largest equipment manufacturers and wholesalers reserved booth space for the coming show at the 1970 affair. Much of the latest equipment will be on display, and available for purchase by those interested. A new feature of this year's exposition will be new business-band mobile and base equipment, and antenna systems.

The two-day affair is open to the public, and there is no admission charge at any time. Entertainment will continue throughout both days with drawing for the door prizes every half hour.

Camping sites for over two-hundred units are available right at the spacious Sportscenter parking lot at no charge, and a first-aid station is maintained for the safety and treatment of any emergency.

The proceeds of the show will be used to further the summer camp program of the Spastic Home and School, by providing for twenty or more camp tuitions for needy students.

An expected crowd of radio enthusiasts is estimated at over five thousand for both days.

Booth reservations for CB radio and allied equipment (for which there is no charge) may be made by writing Kentucky and Indiana Citi-

zens Band Radio League, Inc., P.O. Box 145, Owensboro, Kentucky 42301.

The Danville, Illinois REACT Team on January 24, 1971 held a Charity Coffee Break and Benefit Dance with proceeds going to Retarded Children Schools in the local area. The proceeds that were made were large enough to purchase a 17 cu. ft. upright freezer, 10 cu. ft. refrigerator, mixer, two handicraft looms, and other needed equipment.

The Chairman of the Coffee Break—Howard Smith had asked for every individual to give a little extra effort to make this Coffee Break a success. Due to this extra effort contributed by the members, the Coffee Break and Benefit Dance was a tremendous success.

A.M.E.S. CB Radio Club 251 Freel Drive, Ames, Iowa 50010, had a chance to exercise its resources and test the Ames Monitoring and Emergency System during the snowstorms of early 1971. The Club: (1) Transported nurses and telephone operators to and from work; (2) Assisted motorists with many types of problems; (3) Participated in a five-hour emergency rescue from a neighboring town; (4) Used four-wheel drive mobile units to aid stalled emergency vehicles and; (5) Provided general communication coverage for the area in the event that further emergencies should have developed.

Central Michigan Road Patrol—A Family Affair
WE LIKE TO HELP PEOPLE

Central Michigan Radio Patrol, and nationally a member of an organization known as Alert, area citizens, assisted by their families, spend their weekends patrolling I-75 from Bridgeport to Miller Road, Flint.

"We just like to help people," says Phillip R. Waybrant of Birch Run, commander of CMRP, whose wife Barbara "stands base" while her husband is on patrol duty.

"Barb and I aren't much for going to parties, we don't drink, and our radio is our family hobby."

Like other citizen band clubs in the area, the couples tend to be one-hobby folks. Other wives, like Barbara Waybrant, who is the mother of five small children, also stand base during hours their husbands are on patrol duty. This means, in the language of a layman, staying at the radio, keeping the mike open and remaining in constant touch with the men on the road, ready to phone for police or sheriff's help in case of serious problems or even passing on information they receive from other cars.

The Central Michigan Road Patrol now has 32 units—or cars—in operation and hope in the near future to expand this number to 75 to 100 units. They also hope to work patrol duty past Milwaukee and on the new I-675 when it opens.

Most of the volunteer road patrolmen live in the Saginaw County area, working in General Motors Plants. Most are married and have chil-

dren. With the radio equipment installed in their homes, CMRP activities are husband and wife team affairs.

Men patrol in pairs, with one remaining in the car until the nature of the trouble is established. Female members, as a rule, do not ride in the cars. "We just feel it is safer having them home standing base," says Roy A. Force, Saginaw, who holds the title of second lieutenant in the group.

Most citizen band patrols say that when they first got their radios they were just fun. They, like the Waybrants, get interested in meeting other people with radios and finally see a chance to help someone, and as Waybrant puts it, "It just gets in your blood. Then you think, why not start helping out on a regular basis?"

Most of the citizen's band members think of themselves as always on duty anyway. "Even when we are traveling up north," says Barbara, "we watch for cars stalled or stopped on the expressway, and radio for help for them. It's just part of our life."

The couples say their radios are nice for keeping in touch with each other particularly when a man is in a job where he is on the road a lot.

To own a citizen's band radio a person must be issued a license by the U.S. government and given his own individual call letters. Members of the Central Michigan Radio Patrol are proud of the stringent rules attending membership in their group.

To be eligible a person must have a good driving record, cannot be convicted of a felony, or have a dishonorable discharge from any branch of the armed forces. This is only part of a page and a half list of requirements. Members are also expected to pay for their own uniforms.

Among recent activities, the CMRP assisted the Birch Run police force with a Halloween patrol, resulting in the quietest, least destructive Oct. 31 the town has seen in years.

Socialization is important part of the radio people's, hobby with parties called "coffee breaks," being called spontaneously from time to time. The call with go out over the radios in the area, "Meet at so-and-so's house for a coffee break."

Coffee and cake or doughnuts furnish a chance to meet in person. "Some times it is the first time you might see someone whose voice you have heard for a year. Other coffee breaks are planned events, like Halloween or Christmas parties.

Women members say they enjoy standing base while the men are on the road. Children of these families are familiar with equipment some kid have never even heard of.

It's another part of the community—another group of hobbyists. "We just like to help people, say its members in an era when we hear so much about man's indifference to man.

NORTHERN

Via; S9—A.P.R.E. and CB Reporter Agency; William Davidson, for N.Y. State.

JAMBOREE to Aid Fund. Wally Springer, chairman of the third annual jamboree of the *Glens Falls Area CB'ers* to be held July 17, 18 at the Washington County Fairgrounds, Greenwich. Norris West, president of the club, examined a sign calling attention to the fact. The Arkansas Travelers, along with Jean Shepard and the Second Fiddles, from the Grand Old Opera, Nashville, Tenn. Miss Shepard is a recording star with Columbia Records and her record "A Dear John Letter" sold over one million copies.

On Saturday evening there was dancing following the show. The music was furnished by Jerry Mabb and the "Western Wheels." Friday evening a coffee break was from 7 p.m. until midnight with free coffee and doughnuts for all. A three foot tall trophy will be awarded to the largest CB Club traveling the farthest distance.

The annual Christmas party of the *Glens Falls CB'ers* held at the clubrooms, Fort Edward, featuring round and square dancing from 9 p.m. to 2 a.m. Prizes were awarded and a buffet lunch served at midnight.

CB CLUB LOVES MEETINGS: *The Tri-Valley CB Club, Inc.* has announced that its future meetings will be held at the Hartford Fish and Game Club on the third Sunday of each month at 4 p.m. The club will meet Sunday and a buffet dinner will be served before the business meeting and each member brought a covered dish.

The new officers elected at the December meeting are: President, R. Harrington; Vice President, J. McMurray; Secretary, P. Dessaint; Treasurer, E. Appell; and R. Keech, Director for three years. From, William Davidson, CB Reporter Agency and S9—A.P.R.E.

Via: S9—A.P.R.E. N.Y. State and CB Reporters Agency William Davidson.

Glens Falls ham's radio play quake aid role. As soon as the news of a devastating earthquake in Southern California was heard in the Glens Falls area a local ham radio network went into action to allay the fears of local residents concerned about the fate of relatives living in the earthquake area. The Glens Falls Area Amateur Radio Emergency Corps, received queries from individuals and from the Adirondack Chapter of the American Red Cross, which also received a number of inquiries.

Members of the *Glens Falls Area Amateur—CB Radio Emergency Corps* took part in the 13th annual White Water Derby at North Creek this year. The club set up and operated portable radio stations at the start and finish lines for Saturday's and Sunday's races.

CB'ers to monitor different channel: *The Cor-*

inth 10-10'ers decided at their June meeting to monitor Channel 10 beginning July 15. It has been publicized that Federal Communications Commissions is setting aside Channel 9 for emergency use only. This has been the channel used in their area.

In connection with this change, FCC is making Channel 15 a legal talking channel for station to station calls. Others available are: 23, 14, 13, 12, 11, and 10.

From, William Davidson, S9—A.P.R.E. and CB Reporter Agency.

SIRSA CALLING ALL TWO-WAY RADIO OPERATORS

SIRSA, The Special Industrial Radio Services Association has produced a basic film for people who are exposed to two-way radio operations for the first time.

It was also designed for refresher courses and introducing young people to the correct use of the two-way radio.

The film is basic in nature and explains the use of the two-way radio for fire, police, taxi cabs, and industry.

Information on how to purchase or rent this film can be obtained by writing: SIRSA, % Denis Coggin, 1901 North Moore Street, Rosslyn, Virginia 22209; or: PICCADILLY FILMS INTERNATIONAL CO., LTD, 1810 East Pyron Road, San Antonio, Texas 78223.

PERSONALIZED ENGRAVING

ELECTRIC
ON-THE-AIR
SIGN
WITH CALL



Works on
110 VAC

\$12.95

KMD6838

Metaltex Lapel Bar — \$1.50



Metaltex Tie Clip — \$2.25

ARNOLD'S ENGRAVING

204 Linden St.

Ridgewood, N.Y. 11227

Don't sit back... REACT!

Join the REACT Team... Monitor Channel 9... Help provide emergency communications.

Write for Free pamphlet... How you can join the REACT Team.



© National Headquarters

111 East Wacker Drive Chicago, Illinois 60601

The most powerful antennas under the sun!



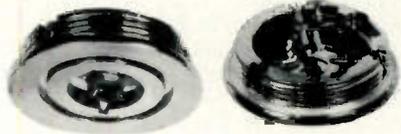
Ten Reasons Why HY-GAIN POWER HELLCAT Mobile Antennas Are Unrivalled

1. Exclusive new base loading design using copper etched coil on fire-proof, epoxy fiberglass board for greater power and efficiency.
2. Corrosion proof, molded-in banana plug for positive connection.
3. Improved claw mount design permitting firm installation in any $\frac{3}{8}$ " to $\frac{3}{4}$ " hole.
4. New self-adhesive washer provides stronger installation and super seal against water.
5. Longer tip rod lengths to provide highest efficiency on any CB antenna on the market.
6. All stainless steel hardware.
7. Stainless steel best grade available.
8. Eighteen feet of coax.
9. All new, solderless coax connector.
10. Low profile.

...and there are Ten Hellcat models for any type of installation



You can recognize Hellcats 1 through 9 by their white polypropylene caps with rich chrome plated fittings. Hellcat 10 has a red cap.



See the best distributor under the sun — the one who handles all Hy-Gain products.

HY-GAIN ELECTRONICS CORPORATION

P.O. Box 5407-DE, Lincoln, Nebraska 68505

July 9, 10, and 11, 1971

RADIO EXPO '71

Seventy years ago Guglielmo Marconi successfully received radio signals in the United States from across the Atlantic. Since that time, the skills and talents of Radio Operators have played an important part in the growth of the communications industry. You are invited to see just how far we have come at RADIO EXPO '71.

JUDGE FOR YOURSELF

Radio Expo '71 will bring together, for two full days, talented electronics people interested in the development of the state of the art.

Attendance will provide you with the opportunity to

- meet with other fellow communications enthusiasts,
- see working electronics exhibits,
- look over latest electronic equipment from manufacturers' displays
- participate in flea market activities.

Attendance will be drawn from a potential in excess of 250,000 covering all phases of communications.

Facilities at Lake County Fairgrounds, the Radio Expo '71 site, include

- upwards of 50,000 square feet of enclosed exhibit area
- unlimited parking space
- ample trailer, camping and picnic areas

There will be full cooperation from such governmental agencies as

- Federal Communications Commission
- U.S. Army
- U.S. Navy
- U.S. Coast Guard
- Military Affiliate Radio System International Conference

You are invited to join us at Radio Expo '71:

- The two-day advance purchase ticket price per person is \$3.00,
- the at-gate price \$3.50.



LOCATION

Radio Expo '71 will be held at the Lake County Fair Grounds, halfway between Chicago and Milwaukee at the intersection of U.S. 45 and Illinois 120. It is 4.3 miles west of the Belvedere-Waukegan exit of Interstate 94 and 6.0 miles west of U.S. 41.

S9 HAS BEEN SELECTED AS THE EXCLUSIVE SALES OUTLET FOR ADVANCE-REGISTRATION TICKETS TO CITIZEN BANDERS.

handy coupon at the bottom of this page is your order blank. We have the EXPO 71 tickets in stock, ready for delivery immediately upon receipt of your order. Don't put off mailing your order in to us. The early bird saves the buck.

S9 MAGAZINE

14 Vanderventer Ave.

Port Washington, N.Y. 11050

Please send me _____ tickets for advance registration to **EXPO 71**. I enclose check or money order in the amount of _____

NAME _____ CALL _____

STREET ADDRESS _____

CITY _____ STATE _____ ZIP _____

EARSPLITTER

"The distinctive Warning Signal"

\$35.95

Introductory
Price 1.5 pounds
Size 6" x 5"



ELECTRONIC SIREN ES-900

Now being used by:

Vol. firemen, aux. police, boats, fire alarm systems, burglar alarm systems, etc.

The EARSPLITTER ES-900 emits a loud, attention getting, penetrating, rapid wailing sound, just like the new sirens used on the latest police, fire, and emergency vehicles.

No moving parts to wear out or rust!

- The tone varies from low to high automatically.
- Draws less than 1 ampere from battery.
- Will operate on (2) 6 volt lantern batteries.
- Optimum voltage is 13 volts D. C.
- Electronic and aluminum trumpet horns are built into one integral unit which is totally waterproof.

When YOU need attention..... get EARSPLITTER

Also available as car theft alarm \$39.95

Send Check or M.O. to
HOUSE OF POWER

P. O. Box 306 Merrick, N. Y. 11566

REAL CB ANTENNA VALUE

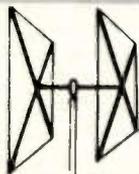
from a company that has made ham antennas for over 20 years—and you know how cranky and demanding hams are! These CB antennas cannot be beat for quality and performance.



Complete, full size,
four element beam
for only **\$19.95**

Includes:

- 10' steel boom
- Rugged mount
- 72' of 3/8" and 1" aluminum elements
- All hardware; instructions



Cubical Quad
for **\$29.95**

Includes:

- Full wavelength driven element and reflector
- All metal
- Absolutely complete and foolproof
- Terrific gain and directivity

AT YOUR DEALER OR SEND MONEY ORDER

GOTHAM

1805 Purdy, Miami Beach, Florida 33139 Dept. S9
(Shipped Express Collect)



AWARDS

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 Vandeventer Ave., Port Washington, N. Y. 11050. Here are the winners of the black, pink, and white certificates for the past month.

PX-25	970	E. Guffey II, KCR-8648, Charlottesville, Va.
	971	R. E. Scott, WDX81FM, Freeland, Michigan.
	972	K. Misner, KCZ-2134, Clarence, N. Y.
PX-50	845	E. Guffey II, KCR-8648, Charlottesville, Va.
PX-75	675	E. Guffey II, KCR-8648, Charlottesville, Va.
	676	E. L. Slosman, WPE2 QZB, Endicott, N. Y.
PX-100	607	E. L. Slosman, WPE2 QZB, Endicott, N. Y.
PX-125	443	E. L. Slosman, WPE1 QZB, Endicott, N. Y.
	444	Wm. J. Walker, KCS-0281, Riverview, Mi.
PX-150	375	Wm. J. Walker, KCS-0281, Riverview, Mi.
PX-200	280	D. Routh, KBW-1577, Scottsdale, Arizona.
	281	W. R. Heck, KBN-2-24, Oneonta, N. Y.
PX-250	260	R. C. Purdy, KRM-1643, Detroit, Michigan.
	261	D. Lemstrom, KRA-3533, San Francisco, California.
PX-275	151	P. Curran, WPE-1 HNV, E. Boston, Massachusetts.
PX-300	158	D. Arthur, KDU-4566, Oxnard, California.
	159	P. Curran, WPE-1 HNV, E. Boston, Massachusetts.
PX-325	128	P. Curran, WPE-1 HNV, E. Boston, Massachusetts.
PX-350	133	P. Curran, WPE-1 HNV, E. Boston, Massachusetts.
PX-375	121	R. G. Paschke, KCU-3916, Beloit, Wisconsin.
PX-400	131	R. G. Paschke, KCU-3916, Beloit, Wisconsin.
PX-850	105	Geo. M. Radenheimer, KRN-6487, Middletown, Ohio.
	106	Bruce Bitowf, KOD-6313, Hawthorne, New Jersey.
PX-875	104	Geo. M. Radenheimer, KRN-6487, Middletown, Ohio.
MSA	412	D. Arthur, KDU-4566, Oxnard, California.



- SSC-1 371 D. Arthur, KDU-4566, Oxnard, California.
 SSC-2 261 D. Arthur, KDU-4566, Oxnard, California.
 SSC-4 173 D. Lemstrom, KRA-3533, San Francisco, California.

QSL MONTHLY LISTING

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 cents in cash (no stamps, checks or money orders), for each month you are to be listed. Try not to write on your cards and don't Scotch Tape your dime to the card. Address the material to: Card Swappers Unlimited, 14 Vanderventer Ave., Port Washington, N. Y. 11050. Deadline for listing in the July issue is May 12th. Any cards received after this date will be listed in the following issue. (Send cards two months ahead of time).

Domestic

- KBC-3800 54 Mount Tom Ave., Easthampton, Mass. 01027.
 KBC-5793 M. E. Norris, RFD No. 1, Sandwich, Road, Buzzards Bay, Mass. 02532.
 KBC-6286 A. Kaiser, 194 Glen Hills Rd., Meriden, Conn. 06450.
 KBI-2251 M. French, 35 Southwood Dr., Old Bridge, N. J.
 KBK-4688 The Veipel's, 4125 Roxton Ln., Fort Wayne, Indiana. 46805.
 KBK-9181 The Brumbaugh's, Palatine Bridge, N. Y. 13428.
 KBL-6579 Denning, 604 Wabash, Mattoon, Il. 61938.
 KBM-4337 M. Katzoff, 17 Deborah Rd., Warwick, R. I. 02888.
 KBM-7043 P. Greene, 28 Kurtz Ave., Dayton, Ohio. 45405.
 KBN-9470 Freiermuth, 657 S. 4th St., Lindenhurst, L. I., N. Y. 11757.
 KBO-1183 Curtis Yarbrough, 610 N. 14th St., Lanett, Ala. 36863.
 KBO-9043 Randy Fletcher, P. O. Box 5044, San Angelo, Tex. 76901.
 KBO-9860 James Kotis, 98 9th Ave., Haverhill, Mass. 01830.
 KBP-7401 Reinig, 1034 S. 33, Lincoln, Neb. 68510.
 KBQ-0282 B. Bell, 1822 Cooper St., Saginaw, Mi. 48602.
 KBS-2170 G. L. Beerbower, 9501 E. Lake Rd., North East, Penna. 16428.
 KBT-1650 Steve Nelson, 873-42 nd Street, Brooklyn, N. Y. 11232.
 KBT-5031 Holland, 408 H Avenue, N. W., Cedar Rapids, Iowa. 52405.
 KBU-6681 L. J. Hayes, 2515 N. Monroe St., Wilmington, Del. 19802.
 KBW-1577 D. Routh, P. O. Box 1155, Scottsdale, Ariz. 85251.

SPECIAL ANNOUNCEMENT
A FREE CLASSIFIED AD EACH MONTH FOR EVERY S9 SUBSCRIBER!!!

Yes! As a special bonus to all S9 subscribers (and to shake up you non-subscribers — heh, heh!) we are offering one free 3-line classified ad in each issue of S9 during the term of the subscription.

Holy transistor! What a chance to unload that 1962 megacycle maker, or even that new rig Uncle Elmo gave you (you know, the one that works only on Pakistanian CB channels). What a chance to advertise for that hard-to-find schematic you need, or for that odd-ball speech amplifier no store in your area sells.

All you do is type or clearly print your ad copy (figure about 120 letters, numbers, and spaces for your 3-line ad) and send it accompanied by the mailing address label from the cover of the current issue of S9; one label for each ad — and you'll have to send the original label, photostats and copies won't work. If you want the same ad to appear 12 times, you'll have to submit it 12 times over a 12 month period — one per month, accompanied by the color coded mailing label for each current edition. Old labels not accepted.

Rules: Non-commercial messages only, we reserve the right to edit or refuse to accept any ads which we feel are not in the best interests of our readers or of this magazine, or which we feel are in questionable taste. No ads for linear amplifiers — if you bought it, you're stuck with it!

Deadlines: None for these ads, we will run properly submitted ads in the issue we are working on at the time the ad arrives.

**Subscribers ONLY:
 Send your ad to —**

Miss Eileen Lucey
 S9 Magazine
 14 Vanderventer Avenue
 Port Washington, N. Y. 11050

(Non-subscribers — sorry 'bout that. Maybe you ought to subscribe, huh?)

KBW-7334 Felker, 509 Main St., Stroudsburg, Pa. 18360.

KBX-0683 S. L. Mason, 123 W. Walnut St., Albion, Ill. 62806.

KBX-5818 W. F. Herman, Central Y.M.C.A., Reed & Washington St., Reading, Pa. 19601.

KBY-1951 Perry, Meads Creek Rd., R.D. 2, Painted Post, N. Y. 14870.

KBY-6244 Delores Phillips, Rt. 2, Box 47A, Tunnetton, Va. 26444.

KBY-6939 Black Knight, P. O. Box 882, Norristown, Pa. 19404.

KBZ-1260 Peter Barr, 1648 Sequoia Trail, Glenview, Ill. 60025.

KBZ-1692 Strayer, 137 Western Avenue, Johnstown, Penna. 15904.

KBZ-2848 Larry Housour, 806 E. Market, Nappanee, Ind. 46550.

KBZ-6398 B. Kurre, 1721 Cecilia, Cape Girardeau, Mo. 63701.

KBZ-6467 R. Gill, 6912 E. Pasadena, Scottsdale, Arizona. 85253.

KBZ-8551 E. Prlmus, Jr., 714 No. York Rd., Willow Grove, Pa. 19090.

KCD-5826 J. Dziak, 1441 N. Olden, Trenton, N. Jersey. 08638.

KCK-1442 David Speegle, 1000 W. Madison St., Plymouth, Ind.

KCK-4679 Tucker, RFD 2, Harrisonville, Mo.

KCK-7623 Bill & Ava Forrest, 619 E. Commercial, Anaconda, Montana.

KCK-7810 L. Baiocchi, & J. Oellerich, 2480 Donegal Ave., S. San Francisco, Ca.

KCM-3100 Shook, 17001 Valleyview Avenue, Cleveland, Oh. 44135.

KCN-1031 B. O'Donnell, Box 812, Pittsfield, Mass. 01201.

KCN-1113 R. LeSuer, 21 Montague Rd., MR97, Binghamton, N. Y. 13901.

KCN-1115 Brasher, 607 S. Main, E. Peoria, Ill. 61611.

KCN-6307 Harrison, P. O. Box 406, Westbury, N. Y. 11590.

KCO-0629 H. Seidner, 50 Lenape Rd., Pearl River, N. Y. 10965.

KCO-2682 R. Lent, P. O. Box 8726, Boston, Mass. 02114.

KCO-3641 MM3 Michael K. King, USS Braine, (DD-630), M-Div., Fleet P. O., San Francisco, Calif. 96601.

KCP-1081 B. Hearn, 311 9th St., Monongahela, Pa. 15063.

KCP-8206 Schultz, 1090 Michigan Ave., Waterville, Oh. 43566.

KCQ-0650 Cook, Rt. 2, Box 2138, Spanaway, Wa.

KCQ-4803 S. Brown, 1318 S. Irene, Sioux City, Iowa. 51106.

KCR-3663 P. Wiggins, 20 Woodmont Rd., Montclair, N. J. 07043.

KCR-4030 DeMatlies, 115 Overlook Terr., Bloomfield, N. J. 07003 & Roseland, Va.

KCS-0281 W. Walker, 17558 Koester, River view, Michigan. 48192.

KCS-1068 Krouldis, 2059 Ridge Rd., Homewood, Ill. 60430.

KCT-2249 The Hodge's, 1952 14th St., San Pablo, Calif. 94806.

KCT-5944 P. Messinger, 15 Torrington Ln., Willingboro, N. J. 08046.

KCT-6652 K. Schafer, 122 Orchard Dr., Buffalo, N. Y. 14223.

KCT-9255 Shaver, 27 Carolyn St., Harrisburg, Pa. 17112.

KCT-9703 B. Peterson, 235 Huxley Street, Jamestown, N. Y. 14701.

KCU-2280 Ray, 71 Government St., Kittery, Me. 03904.

KCU-4779 J. & A. Pope, 3424 W. Marshall, Phoenix, Arizona. 85017.

KCV-3368 Hoal, Mt. Rainier, Maryland.

KCV-6909 B. Gibson, Box 12405, San Antonio, Tex. 78212.

KCV-7051 Hinchaw, R. R. 1, Box 282B, Richmond, Indiana. 47374.

KCV-7939 R. Lowe, 2528 W. 16th St., Marion, Ind. 46952.

KCW-2007 S. & G. Kleiser, P. O. Box 2394, Sunnyvale, Calif. 94087.

KCW-3133 The Bleil's 131 Forest Hill Walk, Binghamton, N. Y. 13903.

KCW-5025 xm R. Reynolds, Rt. 3, Box 89, S. Boston, Va. 24592.

KCX-0164 The Krakrs, 11921 68th Ave., Alledale, Mich. 49401.

KCX-2113 D. Anderson, 44502 N. 2nd St. E., Lancaster, California. 93534.

KCX-4242 K. Feder, 1566 S. Cardiff Ave., West Los Angeles, Calif. 90035.

KCX-6017 The Rumbel's, 2004 Carlisle Rd., Camp Hill, Pa. 17011.

KCY-4133 J. H. Boshart, 142 Welshbush Rd., Frankfort, N. Y. 13340.

KCY-6057 The Thomas's, 1500 E. Washington, Clinton, Il. 61727.

KCY-7121 Eshbaugh, 1362 E. M-89, Otsego, Mi. 49078.

KCZ-3804 Pinau, 425 Phillips, Las Cruces, N. M.

KCZ-6992 Armstrong, P. O. Box 215, Waukesha, Wisconsin. 53186.

KCZ-7627 J. Carpenter, 520 W. Camino del Oro, Tucson, Arizona. 85704.

KDK-0166 T. Tramontanis, Wepawaug Rd., Woodbridge, Conn. 06525.

KDK-1628 John Oder, 7501 Old Post Rd., Lincoln, Neb. 68520.

KDK-4852 Huntington, 49 Oneco St., Norwich, Ct. 06360.

KDK-8115 Denis Marchand, 22 Gershom Ave., Lowell, Mass.

KDL-3519 K. Martindale, 2504 Citron Place, Pomona, Calif. 91766.

KDL-4763 May, Jr., 1015 W. South Ave., Independence, Missouri. 64050.

KDM-1522 Burrough, P. O. Box 542, Modesto, Ca. 95352.

KDM-7833 La Croix, Box 36, Buffalo, Oh. 43722.

KDM-8161 R. Marcum, P. O. Box 11414, Indianapolis, In. 46201.

KDN-2823 Gibson, 716 Russ, Altus, Okla. 73521.

KDN-4727 Conrad's, R. R. No. 1, Dresden, Ohio. 43821.

KDN-4924 Barrett, 15 Portsmouth Rd., Amesbury, Mass. 01913.

KDN-6074 Drumheller, P. O. Box 7801, Pine Bluff, Ark. 71601.

KDP-8712 Harold Alexander, Box 669, Peekskill, N. Y. 10566.

KDQ-1894 The Miller's, P. O. Box 5411 Station E, Atlanta, Ga. 30307.

KDQ-8701 R. Reiser, 19 Maple Ln., Lake Hiawatha, N. J. 07034.

KDQ-9337 S. Moore, Box 98, Cookeville, Tn. 38501.

KDQ-9687 A. Hollandersky, 380 Glenwood, Aug. Ext., Waterford, Conn. 06385.

KDQ-9689 K. Gary, Box 14003, Phila., Pa. 19122.

KDS-2937 The Shepards, P. O. Box 67, Campbell, Mo. 63933.

KDS-5209 Geo. R. Thompson, 3440 E. 61st., Long Beach, Calif. 90805.

KDS-6318 Henry F. Bloomfield, Jr., 5663 Cherry Ave., A4, Long Beach, Ca. 90805.

KDS-7396 Sal & Alice Elia, 1073 Sumner Ave., Springfield, Mass. 01118.

KDS-9930 Walker, 126 Greenwood Ave., Decatur, Georgia.

KDT-0494 Palmer, 36 Arthur Picard Cir., Indian Orchard, Mass. 01051.

KDT-1124 L. Bliss, P. O. Box 843, Pomona, California. 91769.

KDU-1579 The Miller's, Whitehouse, Oh. 43571.

KDU-1786 The Rogers, 35 Sara Blvd., Toronto, Ohio. 43964.

KDU-2924 C. Healy, 305 W. Fourth St., Oil City, Pa. 16301.

KFD-4896 Kubera, 21836 Gardenview Ln., Cupertino, Calif. 95014.

KFI-1219 The Sudduth's, 8103 16th S.W., Seattle, Washington. 98106.

KGI-3589 Clarence Fleagle, Rt. 1, Abilene, Kansas. 67410.

KHJ-0644 R. Tobola, 15448 Wormer Ave., Redford, TWP, Mich. 48239.

KIC-5642 Klimeck, 218 Ottawa St., Johnstown, Penna. 15904.

KKA-2191 Alvin P. Arthur, 266 Pleasant St., Apt. 2, (rear), South Weymouth, Mass. 02190.

KKA-4210 Dick Clogston, Starks, Maine. 04911.

KKK-3635 Engle, P. O. Box 709, Graham, N. C. 27253.

KKR-6581 Billy Joe Mayo, 307 Broad St., Boone, Mississippi. 38829.

KLM-4842 Hazen 231 N. Mead St., Zanesville, Ohio. 43701.

KLN-9155 E. Johnson, 6319 Balfour, Lansing, Michigan. 48910.

KMD-1450 Giventer, 21 Ridgewood Ave., Staten Island, N. Y. 10312.

KMD-6979 Wm. Koulter, Room 23, Valeria Home, Peekskill, N. Y. 10561.

KMP-4012 D. W. Grandon, P. O. Box 35, Pinellas Park, Fla. 33565.

KMR-7115 Johnny & Ford Jacka, 1704 Frances Pl., Monroe, La. 71201.

KMV-2120 Jim Thompson, 815 E. Orchard, Ada, Ok. 74820.

KMX-3299 The Badger, 3739 3rd Ave., La Crescenta, Calif. 91214.

KMW-9104 Philip Nocilla, 66-10 Grand Ave., Maspeth, N. Y. 11378.

KNN-6380 Goings, 617 Hamilton St., Toledo, Ohio. 43602.

KNP-0085 Ron Smith, 214 South Ave., DuBois, Penna. 15801.

KNP-7485 Daniel Trotto, RD 1, Eatonville Rd., Herkimer, N. Y. 13350.

KNP-8576 Phil Lundy, 48 Sodus St., Clyde, New York. 14433.

KOA-0054 S. Rowe, 12 Hauser, Milfort, Ct. 06464.

KOD-6313 B. Bitowf, 128 Post Ave., Hawthorne, N. J. 07506.

KOG-4896 C. Kroll, 4 Tomahawk Dr., Marlton, N. J. 08053.

KOK-1177 La Foon, 4419 Ben St., N.W., Roanoke, Va. 24017.

KOM-1694 L. Hyatt, Box 327, APO N. Y. 09150.

KOX-5762 Mr. & Mrs. C. M. Dallas, 2580 Kansas Avenue, South Gate, Ca. 90280.

KOX-6339 T. C. Dallas, P. O. Box 1707, Hollywood, Calif. 90028.

KPF-0112 Dave Young, P. O. Box 6654, St. Paul, Minn. 55106.

KPJ-8869 Willard E. Usedy, 4510 West Scenic Drive, Peoria, Il. 61614.

KPK-0086 The Alyea's, 14 N. Dayton, Rockford, Mich. 49341.

KPK-1183 Rynning, P. O. Box 17, Pontiac, Il. 61764.

KPK-1938 Dulany, 803 S. 18th St., Mt. Vernon, Il. 62864.

KPM-5482 Wiedle, 6355 E. S.R. 101, Clyde, Ohio. 43410.

KPN-4356 Joe, P. O. Box 841, Fairborn, Oh.

KPQ-3185 Thomas B. Byrd, 399 Smith St., Buffalo, N. Y. 14210.

KPQ-5470 The Sisson's, 20 Asbury Lane, R.D. Number 3, Binghamton, N. Y. 13745.

KPQ-9594 Frees, 2736 Chili Ave., Rochester, N. Y. 14624.

KQA-9420 Goudreau, 1878 Riverside Dr., Berlin, N. H. 03570.

KQA-9507 Richardson, 116 Rosette St., Waterbury, Conn. 06708.

KQD-1502 The Vanderhoof's, 5 Benefly Rd., Towaco, N. J. 07082.

KQD-2027 R. C. Feidon, 274 Depue St., Belvidere, N. J. 07823.

KQD-3747 Schreiber, 460 New Scotland Ave., Albany, N. Y. 12208.

KQD-7684 Bennett, 82 Norman Ln., Levittown, N. Y. 11756.

KQG-4852 Parnells, Box 536, RD4, Manheim, Penna. 17545.

KQI-2647 Dize, 20 Jacksonville Rd., Crisfield, Md. 21817.

KQI-2766 Heir, 1042 Flagtree Ln., Pikesville, Md. 21208.

KQM-7365 Johnson, P. O. Box 3303, Anderson, S. C. 29621.

KQR-0669 James, Rt. 1, Box 106-F, Prairieville, La. 70769.

KRA-0726 J. Crowl, 219 30th Ave., San Mateo, Calif. 94403.

KRA-3533 Lemstrom, 26 46-38th Ave., San Francisco, Calif. 94116.

KRC-2140 Sullivan's, Box 752, Steilacoom, Washington.

KRF-0832 Palmgren, P. O. Box 235, Escanaba, Mich. 49829.

KRI-0348 Kling, Jr., 423 No. 6th St., Plattsmouth, Neb.

KRK-2019 Robert Ellis, 604 Hillside Rd., Glenview, Illinois. 60025.

KRK-2750 Bryan, 1143 Floyd St., Gary, Ind.

KRK-4420 J. Lang, 1034 Bellefort, Oak Park, Il.

KRM-0746 Prock & Phyllis Conley, Bulan, Kentucky. 41722.

KRM-1643 Richard C. Purdy, 16183 Billmore, Detroit, Mich. 48235.

KRM-5711 M. S. Bugbee, 6477 Burkhardt Rd., Howell, Mich. 48843.

KRP-5132
KRP-5577

KRP-7349

W8SWL

WB2 UCR

WPE2 LLY
WPE3 HOU

WPE4 AF

3W8PE1H

6YX232

XM52-1555

XM52-1555

XM52-1970

XM63-1570

XM65-1530

BSS25120

CB-867

No Call

CO2-PEIA

11-PE-1AB

ONL-170

PR-5908

SWREF11.100

Keish, Jr., 20 Peoria St., Buffalo, N. Y.

C. Gorski, 59 1/2 Mechanics St., Plymouth, Penna. 18651.

Harold Fink, 295 1/2 Jackson Ave., Bradford, Penna. 16701.

Dan Rosandich, 401 Minnesota, Ontonagon, Michigan. 49953.

G. Thayer, Box 442, Salamanca, N. Y. 14779.

G. Thayer, Box 442, Salamanca, N. Y.

Marvin W. Barrash, 1 Samwood Ct., Pikesville, Md. 21208.

R. Fox, P. O. Box 6516, N. Augusta, S. C. 29841.

SSGT N. Boone, 377 Supply Sq., CMR 1, Box 5509, APO San Francisco, Calif. 96201.

J. J. Avakain, P. O. Box 101, Sta. A. Corona, N. Y. 11368.

Foreign

R. Perrault, 7541 -21 Avenue, Ville St. Michel, Montreal 453, Que., Can.

R. Perrault, 7541 -21 Avenue, Ville St. Michel, Montreal 453, Que., Can.

Maddiss, P. O. Box 28, Eastman, P. Q.

R. Tanner, P. O. Box 598, 211 Dufferin St., Lunenburg, N. S., Can.

R. Rays, 119 Queen St., St. John, N. B., Can.

R. S. Dean, 15 Hidalgo Ct., Hemel Hempstead, Hertfordshire, England.

Holger Dahlberg, Box 611, 126-06 Hagersten, Sweden.

Erlend Johansson, Storgatan 39, 930 90 Arjeplog, Sweden.

O. Reyes, Carmen No. 277, Vibora, Habana, Cuba.

Antonio Randaccio, 30, Via Putti, 40136 Bologna, Italy.

J. Camille, U. B. A. Postbox 634, Brussels, Belgium.

Via KBX-8018, The Zalenski's, 9 River Terrace, Johnson City, N. Y. 13790.

J. Parmantier, 12 Ave., Du Colonel, P.L53, 93 St., Denis, France.

**NEW
from
NRI**

Home training in AMATEUR RADIO

NRI, leader in Communications, Television, Electronics and TV-Radio home training, now offers the first in Amateur Radio courses, designed to prepare you for the FCC Amateur License you want or need.

Don't lose your favorite frequency

The FCC has said "either-or" on licensing, but to pass Advanced and Extra Class exams, you need the technical guidance as offered by NRI. NRI Advanced Amateur Radio is for the ham who already has a General, Conditional or Tech Class ticket. Basic Amateur Radio is for the beginner and includes transmitter, 3-band receiver, code practice equipment. Three training plans offered. Get all the facts. Mail coupon. No obligation. No salesman will call on you. NATIONAL RADIO INSTITUTE, Washington, D.C. 20016.



..... **MAIL NOW**

• NATIONAL RADIO INSTITUTE 51-051

• Washington, D.C. 20016

• Please send me information on Amateur Radio training.

• Name _____ Age _____

• Address _____

• City _____ State _____ Zip _____

• ACCREDITED MEMBER NATIONAL HOME STUDY COUNCIL

The most powerful antennas under the sun!



Like making a speech
with a bullhorn

HY-GAIN CLR-2 ANTENNA

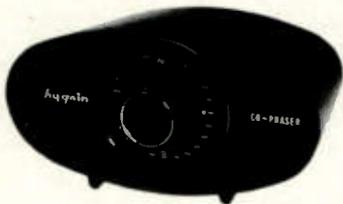
**DELIVERS 12.55 WATTS OF TALK POWER
4DB OMNIDIRECTIONAL GAIN
THE FIRST AND STILL THE TOP
PERFORMANCE COLINEAR**

The headlines above tell you practically all you need to know about the CLR-2. For those who want reasons why the CLR-2 is the greatest:

- 19'10" electrically extended 5/8 wave vertical radiator, delivering a stronger signal over a wider area because signal has a lower take-off angle.
- Rigidly built 1/4 wave horizontal radials provide (1) maximum decoupling and (2) an electrical ground system that reflects the radiator image.
- Original Top Hat static arrester.
- Permanently encased solid state matching transformer.
- Recessed coax connector imbedded in moisture safe housing.
- Taper swaged seamless aluminum tubing provides greater strength at base, less wind loading at tip.
- Heavily ribbed, heavy gauge, double grip mast bracket.

Order No. 473

CB Net \$32.95



HY-GAIN CO-PHASER

Up to 4.5db additional gain; up to 18.3 watts additional talk power.

Order No. 513

CB Net \$16.95

See the best distributor under the sun—the one who handles all Hy-Gain products

HY-GAIN ELECTRONICS CORPORATION

P.O. Box 5407-DE, Lincoln, Nebraska 68505

HEY GANG!

БУДУ

HOY!

הנהגה

NOW!

ACHTUNG!

AHORA

Whoopie!

UNBELIEVABLE

הנהגה

FINALLY!

The GIANT

Who's Who in CB Directory

It's finally off the presses, the big, giant, fantabulous, ever lovin' WHO'S WHO IN CB DIRECTORY! Yes, the vital statistics on every "In" CB'er on the band; hundreds upon hundreds of listings showing callsigns, names, addresses, telephone numbers, monitoring channels, club affiliations, hobbies, ham calls, etc., also a personal message from almost every CB'er listed especially for you. This rare edition (a limited print run), containing over 1000 listings, will shortly be mailed out to those CB'ers who have reserved their copies.

How and when do you reserve a copy? You do it NOW! You do it by filling out the form at the bottom of this page and returning it to our office with your remittance. How much? Well, if you are listed in the Directory (having filled out a form from a previous issue and sent it in), the \$1 which you sent in for your listing is deductible from the \$2 cost of the book, and you have only to send in an additional \$1 to receive your copy. If you aren't listed, the price is \$2, postpaid. Dealer inquiries are invited. So send that order in now, we don't know how long the supply will last.

Only \$2*

postpaid N. Y. S. Residents please add 5% sales tax.



* \$1 directory listing fee is deductible for those CB'ers listed in the book.

Who's Who In CB Directory
% Cowan Publishing Corp.
14 Vanderventer Avenue
Port Washington, N. Y. 11050

Name: _____, CB Call _____
Address: _____
City _____, State: _____, Zip: _____

I enclose \$ _____ for _____ copy(ies) of Who's Who in CB. I _____ am _____ am not listed in this Directory.



WASHINGTON OUTLOOK

• These operators received notices to Show Cause why their licenses should not be revoked: **JAMES F. O'KELLEY, CHARLOTTE, NORTH CAROLINA**, licensee of Citizens radio station KCM4126. Ordered to show cause why the license should not be revoked for repeated violation of Section 1.89 of the Commission's Rules by failing to reply to official communications.

EVERETT R. TATE, HIXSON, TENNESSEE, licensee of Citizens radio station KBL2202. Ordered to show cause why the license should not be revoked for numerous violations of Part 95 of the Commission's Rules, and for misrepresenting and concealing material facts from the Commission, or lacking in candor in statements to the Commission in response to the official notice of violation; and transmissions contrary to the public interest and in violation of Sections 301 and 307(a) of the Communications Act of 1934, as amended.

JAMES T. BEALL, ATLANTA, GEORGIA, licensee of Citizens radio station KQM8308. Ordered to show cause why the license should not be revoked for misrepresenting material facts to the Commission, concealing them from the Commission, or lacking in candor in statements to the Commission in response to the official notice of violation of numerous sections of Part 95 of the Rules and Regulations, and violation of Sections 301 and 307(a) of the Communications Act of 1934, as amended, by transmissions contrary to the public interest.

CLARENCE BORREGARD, SANTEE, CALIFORNIA, licensee of Citizens radio station KOX5813. Ordered to show cause why the license should not be revoked for misrepresenting material facts to the Commission or concealing them from the Commission, or lacking in candor in statements to the Commission in response to an official notice of violation of numerous sections of Part 95 of the Rules and Regulations.

CITY OF DRAIN, OREGON, DRAIN, OREGON, licensee of Citizens radio station KDL-0315. Ordered to show cause why the license should not be revoked for repeated violation of Section 308(b) of the Communications Act of 1934, as amended, and Section 1.89 of the Commission's Rules by failing to reply to official communications.

WILLIAM E. HEARN, ROSEMEAD, CALIFORNIA, licensee of Citizens radio station KQX-

8279. Ordered to show cause why the license should not be revoked for numerous violations of Part 95 of the Commission's Rules, including Section 95.83(a)(3) by transmitting obscene communications, and for violation of Sections 301 and 307(a) of the Communications Act of 1934, as amended, in that the transmissions were contrary to the public convenience, interest or necessity, and for misrepresenting material facts to the Commission, concealing them from the Commission, or making statements lacking in candor to the Commission in response to the Official Notice of Violation.

BOBBY R. OWENS, SR., DEER PARK, TEXAS, licensee of Citizens radio station KQT-2259. Ordered to show cause why the license should not be revoked for numerous willful violations of Part 95 of the Commission's Rules, including violation of Section 95.83(b) by use of the station to communicate, or attempt to communicate, over a distance of more than 150 miles, and for misrepresenting to, or concealing material facts the Commission, or lacking in candor in statement to the Commission in the response to the Official Notice of Violation.

GEORGE K. WOODBURY, LITTLE ROCK, ARKANSAS, licensee of Citizens radio station KBT5813. Ordered to show cause why the license should not be revoked for willful violations of Sections 95.41(d)(2) and 95.95(c) of the Rules, by transmitting interstation communications over a frequency reserved for interstation communications, and by failing to identify the station by its assigned call sign at the beginning and conclusion of each transmission/s/ and failing to identify the station with which it was communicating by its assigned call sign.

WILLIAM R. CHANDLER, AUSTELL, GEORGIA, licensee of Citizens radio station KBZ8822. Ordered to show cause why the license should not be revoked for willful violations of Sections 95.41(d)(2) and 95.43 of the Commission's Rules, by transmitting communications to other stations on a frequency reserved for communications between units of the same Citizens radio station, and by operating the station with output power in excess of four watts.

BARRY E. MAGUIRE, SMYRNA, GEORGIA, licensee of Citizens radio station KCM8785. Ordered to show cause why the license should not be revoked for numerous violations of Part 95 of the Commission's Rules, and misrepresent-

ing or concealing material facts from the Commission, or lacking in candor in various responses to the Commission to official notices of violation.

E. DUANE SAMPLE, ASHLAND, OHIO, licensee of Citizens radio station KH12502. Ordered the license revoked effective April 8, 1971, for repeated violation of Section 1.89 of the Rules by failing to reply to official communications and order to show cause.

JOSE M. ALVAREZ, RIO PIEDRAS, PUERTO RICO, licensee of Citizens radio station KCU1158. Ordered the license revoked effective April 8, 1971, for repeated violation of Section 1.89 of the Rules by failing to reply to official communications and order to show cause.

• These operators had licenses revoked:

ORDERED THE LICENSES REVOKED for repeated violation of Section 1.89 of the Commission's Rules by failing to reply to official communications upon orders to show cause, of the following licensees:

GREENWAY PLUMBING INCORPORATED, LANTANA, FLORIDA, licensee of Citizens radio station KCK8153. Effective March 29.

ARTHUR W. MULLETT, SYRACUSE, NEW YORK, licensee of Citizens radio station KRP-9889; violation of Section 308(b) of the Communications Act of 1934, as amended, by withholding requested information. Effective March 30.

BILL GORDON, LITTLE ROCK, ARKANSAS, licensee of Citizens radio station KEB3780. Ordered to show cause why the license should not be revoked for numerous violations of Part 95 of the Commission's Rules, including violation of Section 95.83(a)(3) by transmitting obscene or indecent communications, and violation of Sections 301 and 307(a) of the Communications Act of 1934, as amended, by transmissions contrary to the public interest.

BILLY S. McRAE, CONWAY, ARKANSAS, licensee of Citizens radio station KCX3904. Ordered to show cause why the license should not be revoked for numerous violations of Part 95 of the Commission's Rules, including willful violation of Section 95.83(a)(3) by transmitting obscene or indecent communications, and violation of Sections 301 and 307(a) of the Communications Act of 1934, as amended, by transmissions contrary to the public interest.

JAMES FLOYD, DENVER, COLORADO, licensee of Citizens radio station KBY7160. Ordered to show cause why the license should not be revoked for numerous violations of Part 95 of the Commission's Rules, including willful violation of Section 95.43 by transmitting communications with power in excess of that authorized for the station, and by misrepresenting to or concealing material from the Commission or lacking in candor in statements made to the Commission in reply to the Official Notices of Violations.

HOWARD W. McABEE, EL MONTE, CALIFORNIA, licensee of Citizens radio station KBY-4452. Ordered the license revoked, effective April 5, for numerous violations of Part 95 of the Commission's Rules, and violation of Section 308(b)

of the Communications Act of 1934, as amended, by misrepresenting and concealing material facts from the Commission, or lacking in candor in statements made to the Commission in response to an official notice of violation.

CARL H. WOOD, DUNDEE, FLORIDA, licensee of Citizens radio station KOP1624. Ordered the license revoked, effective April 1, for numerous violations of Part 95 of the Rules, including repeated violation of Section 95.41(d)(2) by transmitting interstation communications on a frequency reserved for intrastation communications, and denying responsibility for the transmissions without providing proof of the denials.

ORDERED THE LICENSES REVOKED for repeated violation of Section 1.89 of the Commission's Rules by failing to reply to official communications, of the following licensees:

RONALD M. CARDOZA, DBA GIDDY-UP-GO TRANSPORTATION, CASTRO VILLAGE, CALIFORNIA, licensee of Citizens radio station KCV4445.

JAMES O. HAMMONDS, OAKLAND, CALIFORNIA, licensee of Citizens radio station KCS-1065.

• These operators received notices of monetary forfeitures:

CHARLES R. JONES, HOUSTON, TEXAS, \$200, licensee of Citizens radio station KQT0815. For numerous violations of Part 95 of the Rules, including willful violation of Section 95.95(c) of the Rules by failing to identify the station by the assigned call sign.

CHARLES R. STRIDER, MORRISVILLE, NORTH CAROLINA, \$100, licensee of Citizens radio station KQK0304. For willful violation of Section 95.41(d)(2) of the Rules by transmitting communications to a unit of another Citizens radio station on a frequency reserved for communications between units of the same radio station.

FOR NUMEROUS VIOLATIONS OF PART 95 OF THE RULES, including willful violations of Sections 95.95(c) and 95.41(d)(2), by failing to identify the station by the assigned call sign, and by transmitting communications to a unit of another Citizens radio station on a frequency reserved for communications between units of the same radio station, as follows:

EARL R. PRYOR, CHATTANOOGA, TENNESSEE, \$300, licensee of Citizens radio station KON1107.

CLAUDE H. McNABB, ROSSVILLE, GEORGIA, \$200, licensee of Citizens radio station KDL2096.

WILLIS R. DENT, HIXSON, TENNESSEE, \$200, licensee of Citizens radio station KCO4023.

GROVER H. WEAVER, SHALIMAR, FLORIDA, \$300, licensee of Citizens radio station KOM9516.

PHYLAS C. McCOY, SR., CHARLOTTE, NORTH CAROLINA, \$300, licensee of Citizens radio station KCK9070.

LONNIE W. HOUSER, SR., SACRAMENTO, CALIFORNIA, \$200, licensee of Citizens radio station KDP1908.

ARTHUR L. STAFFORD, FORT WALTON BEACH, FLORIDA, \$200, licensee of Citizens

radio station KDQ0321.

TROY WINSLOW, MILTON, FLORIDA, \$200, licensee of Citizens radio station KCR3256.

WILLARD C. BURCH, PANAMA CITY, FLORIDA, \$300, licensee of Citizens radio station KQP3490.

FREDERICK L. THROWER, CHARLOTTE, NORTH CAROLINA, \$500, licensee of Citizens radio station KDK3730.

JACK A. CHAPMAN, CHARLOTTE, NORTH CAROLINA, \$200, licensee of Citizens radio station KMK1530.

WILLIAM E. COURTNEY, JR., CHARLOTTE, NORTH CAROLINA, \$400, licensee of Citizens radio station KDO9611.

GEORGE W. DAVIS, CHARLOTTE, NORTH CAROLINA, \$200, licensee of Citizens radio station KCO1640.

WILLIAM A. HARTIS, CHARLOTTE, NORTH CAROLINA, \$200, licensee of Citizens radio station KOK2789.

JUNE W. HOWIE, CHARLOTTE, NORTH CAROLINA, \$300, licensee of Citizens radio station KKK2162.

LEO D. BROOKS, MARION, INDIANA, \$100, licensee of Citizens radio station KCY-9890. For willful violation of Section 95.41(d)(2) of the Rules by transmitting communications to a unit of another Citizens radio station on a frequency reserved for communications between units of the same radio station.

CARL Q. MARSH, LEXINGTON, KENTUCKY, \$100, licensee of Citizens radio station KRN7194. For willful violation of Section 95.41(d)(2) of the Rules by transmitting communications to a unit of another Citizens radio station on a frequency reserved for communications between units of the same radio station.

FRANCIS D. HURLBUT, ANCHORAGE, ALASKA, \$100, licensee of Citizens radio station KCL2180. For willful violation of Section 95.95(c) of the Rules by failing to identify the station by the assigned call sign.

FOR NUMEROUS VIOLATIONS OF PART 95 OF THE RULES, including willful violations of Sections 95.41(d)(2) and 95.95(c) of the Rules, by operating the station on a frequency not authorized by the Commission for use by such station, and by failing to identify the station by the assigned call sign, as follows:

LANCE S. LUCAS, SAVANNAH, GEORGIA, \$300, licensee of Citizens radio station KDS2778.

JOE T. McGUIRE, FORT WALTON BEACH, FLORIDA, \$300, licensee of Citizens radio station KCV3097.

JAMES R. BROWN, LAFAYETTE, GEORGIA, \$300, licensee of Citizens radio station KCP5229.

CENTRAL CLOCK SERVICE, INC., CHARLOTTE, NORTH CAROLINA, \$200, licensee of Citizens radio station KDL7023.

ROBERT L. BREWSTER, CHARLOTTE, NORTH CAROLINA, \$300, licensee of Citizens radio station KDQ9593.

CHARLES W. WHITLOW, CHARLOTTE, NORTH CAROLINA, \$200, licensee of Citizens radio station KBK1492.

ALBERT P. DESHAZO, JR., DBA DUNN CARPET CLEANING COMPANY, CHATTANOOGA, TENNESSEE, \$200, licensee of Citizens radio station KOM3347.

ROY W. SEGEE, CHARLOTTE, NORTH CAROLINA, \$200, licensee of Citizens radio station KDS8995.

DONAT V. DION, CHARLOTTE, NORTH CAROLINA, \$200, licensee of Citizens radio station KDO8916.

ARTHUR E. EWING, CHARLOTTE, NORTH CAROLINA, \$200, licensee of Citizens radio station KCS9069.

ROLAND W. BAUCOM, CHARLOTTE, NORTH CAROLINA, \$200, licensee of Citizens Class C radio station KAV5599. For willful violations of Section 95.41(c) of the Rules by operating the station on a frequency not authorized by the Commission for use by such station, and Section 95.47(c) of the Rules by transmitting telephony communications, a transmission not permitted by Class C Citizens radio stations.

RICHARD E. BRAGGS, CHARLOTTE, NORTH CAROLINA, \$100, licensee of Citizens radio station KBS6174. For willful violation of Section 95.41(d)(2) of the Rules by transmitting communications to a unit of another Citizens radio station on a frequency reserved for communications between units of the same radio station.

CLAUDE H. BROOKS, JR., CHARLOTTE, NORTH CAROLINA, \$200, licensee of Citizens radio station KOK3157. For willful violations of Section 95.37(c) of the Rules by operating the station with an antenna, the height of which exceeds the maximum authorized for that station, and Section 95.41(d)(2) of the Rules by transmitting communications to a unit of another Citizens radio station on a frequency reserved for communications between units of the same radio station.

WILLIAM R. FINNIE, HOLLYWOOD, FLORIDA, \$100, licensee of Citizens radio station KBW8760. For repeated violation of Section 95.45 of the Rules by operating the station outside the frequency tolerance prescribed for such station.

JAMES A. RAMBO, CHATTANOOGA, TENNESSEE, \$100, licensee of Citizens radio station KRJ8173. For willful violation of Section 95.41(d)(2) of the Rules by transmitting communications to a unit of another Citizens radio station on a frequency reserved for communications between units of the same radio station.

BILLY J. AUSTIN, CHATTANOOGA, TENNESSEE, \$100, licensee of Citizens radio station KBX1548. For willful violation of Section 95.95(c) of the Rules by failing to identify the station by the assigned call sign.

O. C. BUTLER CUMMINS, BELL GARDENS, CALIFORNIA, \$200, licensee of Citizens radio station KOX9546. For willful violation of Section 95.95(c) and Section 95.37(c)(2) of the Rules, by failing to identify the station by the assigned call sign, and by operating the station with an antenna, the height of which exceeds the maximum authorized for that station.

LEONARD R. CHUTE, ANCHORAGE, ALASKA, \$100, licensee of Citizens radio station

KDM4788. For willful violation of Section 95.95(c) of the Rules by failing to identify the station by the assigned call sign.

RICHARD W. BENEDICT, DETROIT, MICHIGAN, \$400, licensee of Citizens radio station KCO7832. For numerous violations of Part 95 of the Rules, including willful violation of Section 95.95(c) by failing to identify the station by the assigned call sign.

ROBERT E. DAVIS, TALLAHASSEE, FLORIDA, \$200, licensee of Citizens radio station KBT2445. For numerous violations of Part 95 of the Rules, including willful violation of Section 95.95(c) by failing to identify the station by the assigned call sign.

WILLIAM M. NUNN, EAST POINT, GEORGIA, \$100, licensee of Citizens radio station KQM1928. For repeated violation of Section 95.95(c) of the Rules by failing to identify the station by the assigned call sign.

ELMINA BENNETT, DETROIT, MICHIGAN, licensee of Citizens radio station KDR-2422. Ordered to show cause why the license should not be revoked for numerous violations of Part 95 of the Rules, and violation of Section 308(b) of the Communications Act of 1934, as amended, by refusing to furnish the Commission with relevant and material information in making a non-responsive reply to the Commission's Official Notice of Violation.

JEFF CLARK, JR., DETROIT, MICHIGAN, licensee of Citizens radio station KDP2596. Ordered to show cause why the license should not be revoked for numerous violations of Part 95 of the Rules, and willful violation of Section 301 of the Communications Act of 1934, as amended, by operating radio transmitting apparatus on a Citizens Radio Service frequency without authorization, and for failing to reply or failing to reply in sufficient detail to Official Notices of Violation, and in some instances misrepresenting or concealing facts from the Commission or lacking in candor in making statements to the Commission.

FOR WILLFUL VIOLATIONS OF SECTION 95.95(c) OF THE RULES, by failing to identify the station by the assigned call sign, as follows:

CHESTER L. HIXSON, DBA HIXSON ELECTRIC COMPANY, CHARLOTTE, NORTH CAROLINA, \$100, licensee of Citizens radio station KBL5452.

JOHN E. RICK, FAYETTEVILLE, NORTH CAROLINA, \$100, licensee of Citizens radio station KQA8904.

CLYDE C. SLOUGH, KANNAPOLIS, NORTH CAROLINA, \$100, licensee of Citizens radio station KQK3426.

FOR NUMEROUS VIOLATIONS OF PART 95 OF THE RULES, including willful violations of: Section 95.41(d)(2) by transmitting communications to a unit of another Citizens radio station on a frequency reserved for communications between units of the same radio station; Section 95.95(c) by failing to identify the station by the assigned call sign; and Section 95.83(b) by communicating, or attempting to communicate, with a unit of the same station or

another Citizens radio station over a distance of more than 150 miles, as follows:

CLIFFORD N. CRAWFORD, JR., SAN GABRIEL, CALIFORNIA, \$200, licensee of Citizens radio station KDL5704.

ROBERT J. DORSEY TAMPA, FLORIDA, \$300, licensee of Citizens radio station KRN0642.

STEVEN L. TRAXLER, PORTLAND, OREGON, \$300, licensee of Citizens radio station KRC3695.

JOSEPH T. CICHON, MOUNT CLEMENS, MICHIGAN, \$300, licensee of Citizens radio station KCY9995.

FOR NUMEROUS VIOLATIONS OF PART 95 OF THE RULES, including willful violations of Sections 95.83(b) and 95.95(c), by communicating, or attempting to communicate, with a unit of the same station or another Citizens radio station over a distance of more than 150 miles, and by failing to identify the station by the assigned call sign, as follows:

CHARLES L. BOYD, CONCORD, CALIFORNIA, \$200, licensee of Citizens radio station KDO8056.

JOHN T. WILCHER, SAVANNAH, GEORGIA, \$200, licensee of Citizens radio station KCM9703.

JAMES L. NEWTON, SAVANNAH, GEORGIA, \$200, licensee of Citizens radio station KDR4763.

SIDNEY C. JOHNSTON, CHATTANOOGA, TENNESSEE, \$300, licensee of Citizens radio station QM7083.

LARRY L. SEWELL, MUNCIE, INDIANA, \$200, licensee of Citizens radio station KBY1068.

HOYT L. CURTIS, CHATTANOOGA, TENNESSEE, \$200, licensee of Citizens radio station KCN2382.

JAMES C. BARROW, SAVANNAH, GEORGIA, \$200, licensee of Citizens radio station KQN0685.

CATHERINE B. WILLIAMS, SAVANNAH, GEORGIA, \$200, licensee of Citizens radio station KDS8463.

• In other FCC actions, the agency:

The Commission, by its Safety and Special Radio Services Bureau, having notified licensee of monetary forfeiture incurred under Section 510 of the Communications Act of 1934, as amended, took the following actions:

KENNETH E. RING, HOLLYWOOD, FLORIDA, licensee of Citizens radio station KCS0242. The license has been cancelled, as requested by licensee.

MARION T. BUOY, PORTLAND, OREGON, licensee of Citizens radio station KCU8824. The license has been cancelled, as requested by licensee.

LILLIAN E. NAIL, PARAMOUNT, CALIFORNIA, licensee of Citizens radio station KDL-0075. The license has been cancelled as requested by licensee.

JOHN T. WILCHER, SAVANNAH, GEORGIA, licensee of Citizens radio station KCM-9703. The license has been cancelled as requested by the licensee.

RICHARD T. BAYLOR, MANHATTAN BEACH, CALIFORNIA, licensee of Citizens

CB RINGO

3.75 db GAIN

CR-1 - \$18.95

WORLD'S BEST CB
BASE ANTENNA!
IN STOCK WITH
YOUR LOCAL
DEALER.



Cush
Craft
CORPORATION

621 HAYWARD STREET
MANCHESTER, N. H. 03103

radio station KBQ1568. The license has been cancelled as requested by the licensee.

DOUGLAS M. POSTELL, MIAMI, FLORIDA, licensee of Citizens radio station KCV8069. The license has been cancelled as requested by the licensee.

LE ROY CONNALLY, DBA EXPRESS CAB COMPANY, ATLANTA, GEORGIA, licensee of Citizens radio station KBW2461. The forfeiture has been cancelled since the licensee has furnished full particulars concerning the violation involved.

FRED D. SIMS, OCALA, FLORIDA, licensee of Citizens radio station KCY0791. Dismissed the proceeding on order to show cause why the license should not be revoked since the license has been cancelled.

DORIS M. MAGNESS, OKLAHOMA CITY, OKLAHOMA, licensee of Citizens radio station KCN1037. The license has been cancelled as requested by the licensee.

DISMISSED THE PROCEEDINGS ON ORDERS TO SHOW CAUSE why the licenses should not be revoked since the monetary forfeitures incurred under Section 510 of the Communications Act of 1934, as amended, have been settled, and the licensees have taken corrective measures to preclude a recurrence of the violations which formed the basis for these proceedings, of the following:

WILLIAM L. EVERITT, SAN DIEGO, CALIFORNIA, licensee of Citizens radio station KBK5352.

"BAGGY'S" RADIO

Would you spend 25¢ to save
\$25.00 or more? Hot-Line Bonus
Catalog on Major Citizens Band
Radios and Accessories. If so, send
25¢ to

DEALER
INQUIRIES
INVITED
(714) 894-7555

"BAGGY'S" RADIO Department B

6391 Westminster Ave., Westminster, Calif. 92683

Please send me your big
"HOT-LINE" BONUS CATALOG!

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
TELEPHONE (AC) _____ / _____

to the team that patented today's solid fiberglass fishing rods introduce our 4th generation

announcing **PATENTED FIBERGLASS ANTENNAS**

CB-28 a $\frac{3}{4}$ wavelength, folded **trichotomic** fiberglass antenna, dielectrically compressed to 8'. Fiery orange with $\frac{3}{8}$ -24 thread. So novel it is protected by a U.S. Patent.

CB-54 a half-wave length, folded, **divaricate** 8' fiberglass antenna with $\frac{3}{8}$ -24 thread. Even the atomic gray color is new.

another first from **FRANCIS INDUSTRIES, PATASKALA, OHIO 43062**

U.S. Patents about to issue

fiberglass CB antennas

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 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 publisher of S9 cannot vouch for the merchandise or services listed therein.

All paid classified ads must be sent to the attention of Lorraine Thigpen, classified advertising manager.

GET YOUR FIRST! Memorize, study "1971 Tests-Answers" for FCC first and second class license. Plus "Self-Study Ability Test." Proven. \$5, COMMAND, Box 26348-F, San Francisco, Ca. 94126.

ROCHESTER, N. Y. will again be headquarters for the huge W. N. Y. Hamfest, V.H.F. Conference and Flea Market, May 15, 1971.

NOTICE: I am interested in swapping Buddy Packs-50, 100, or 200 QSL's - Mr. Jim, P. O. Box 841-C, Fairborn, Ohio. 45324.

SWAP QSL's w/ a real QSL'er. Thousands of extras. Cards with call letters only. KNM-0810, Don Theisen, 53 Norwood Ave., Norwalk, Oh. 44857.

SSB-JOHNSON 350's XInt Cond, \$150/One-\$250/Two. Pace 5000, \$95. R. Schmulian, 5809 Beswick, San Jose, Calif. 95123.

SALE: New-New-Tronics SWR-Relative Power Mtr. up to 2000 watts, first M.O. for \$25.00. H. L. Snyder, 2185 Sampson St., Pgh., Pa. 15235.

SEX: I Swap with either, 1 QSL 100%. Please QSL Mr. Jim, P. O. Box 841-B, Fairborn, Oh. 45324.

LATEST POLICE/FIRE Communications Directories: Southern California; Illinois Statewide; Texas Statewide; also Aeronautical Services Directory. \$2 each, postpaid. CRB, P. O. Box 56-MP, Com-mack, New York. 11725.

WANTED, NEEDED: QSL's of New Mexico to replace lost cards, and Hawaii, Alaska, or any other state, any county. Others welcome. W. H. Davidson, 26 Knight Street, Glens Falls, N. Y. 12801.

QSL CARD COLLECTORS. 50 different cards for only \$1.00. Cash or Postal Money Order only. Send cash registered mail. Order today from: Michael Brian, 4 Parish Ct., Stony Brook, N. Y. 11790.

SKIP IS LEGAL ... (ON THE HAM BANDS!). Get your Amateur Radio License now. Complete audio-visual instruction covering theory and code. Easy, no electronic background required. Write for free information. AMATEUR LICENSE, Box 6015, Norfolk, Virginia. 23508.

WANTED: Used, Demco's, Titans, Brownings, or what have you. Prefer inoperative or any sideband radios. J. Smith, 707 Clinkscapes Rd., Columbia, Mo. 65201.

WOW CB-CARDS! 1000 2-color. \$8.50. Naughty, but Nice. Samples 25 cents. HOLCOMB LITHO, 4414 SE 104, Portland, Oregon. 97266.

CREATIVE QSL CARDS - Personal attention. Imaginative new designs. Send 25 cents. Receive catalog, samples, and refund coupon. WILKINS. PRINTING, Box 787-9, Atascadero, Calif. 93442.

SIDEBAND KIT for Regency "Range Gain" and Olson Sidebander. Compatible with all sideband CB sets. \$39.95, Bill McLain, 1518 S. Spencer Ave., Indianapolis, Indiana. 46203.

STOP, LOOK, and READ! CB Radios & Accessories at 10% above wholesale. Write for details. SPRINGS VALLEY CB SALES, Box 27, French Lick, Indiana. 47432.

HOOSIER ELECTRONICS Authorized dealers for Regency Scanners and CB, also Midland, Hy-Gain, Drake, Ten-Tec, Galaxy, Hallicrafters. All equipment new and fully guaranteed. Write today for our low quote. Hoosier Electronics, Dept. A, R. R. 25, Box 403, Terre Haute, Indiana. 47802.

TRANSCEIVER AUTO-MOUNT, \$7.95. See ad in Feb. '70 issue S9. Arco Mfg. Co., Box 817, Grand Forks, N. D. 58201.

DEALERS WANTED FOR FACTORY DIRECT PRICES on SSB & AM Radios and accessories. Send letterhead to: BAGGY'S RADIO, P. O. Box 778, 6391 Westminster Avenue, Westminster, Ca. 92683.

DISCOUNTS GALORE ON C.B. EQUIPMENT. MANY BRANDS AVAILABLE. Send for catalog. BONANZA ELECTRONICS, P. O. Box 259, Eureka, Missouri. 63025.

TRI-STATE CAMPOREE for C.B.ers & Campers. Big equipment display. Prizes, trophies, and lots of fun. June 25, 26, 27, 1971. Location: 1000 Acres Camping, Fremont, Indiana. Advance registration \$1.00, Michigan C.B. Sportsmen Club, Inc., Box 6662, Detroit, Michigan. 48240.

DON AND BOB New Guaranteed Buys. Monarch KW SWR-Relative Power Dualmeter Bridge 15.95; Midland 13880B SSB Base 249.95; 13873 SSB Mobile 249.95; Ham-M Rotor 99.00; TR44 59.95; Swan 1011 Transceiver (reg. 499.00) 420.00; Swan 500CX (reg. 565.00) 439.00; HyGain 421 Power Meter 34.00; Ameco Pt Receiver-Transmit/Preamplifier (reg. 59.95) 49.95. Write quotes Ham-CB. Prices FOB Houston. GECC, Mastercharge, BankAmericard. MADISON ELECTRONICS, 1508 McKinney, Houston, Texas. 77002. (713) 224-2668.

WANTED: Prices on printing QSL Cards in color from photo. A Polaroid sample if wanted. Roger LaPierre, Scobey, Mt. 59263.

USED 23 CHANNEL CB's. Base & Mobile. \$80 & up. COLUMBIA CB CENTER, 707 Clinkscapes, Columbia, Missouri. 65201.

CANADIANS: Fight TVI with the R50 Low Pass Filter! TAYLOR COMMUNICATIONS MFG. CO., Box 746, Uxbridge, Ontario.

CB WALLET SIZE QSL CARDS. 200 - \$4.95 plus 30 cents postage. Samples 6 cents stamp. R. C. SALES, Box 323, Girard, Ohio. 44420.

PRECISION CB REPAIR AND CALIBRATION. Quick Service. Free estimates. NORTHWEST ELECTRONIC REPAIR, 108 University St., Seattle, Washington. 98101.

CB DEALERS: Citizens Band 2-Way Radio equipment at Dealers' prices. CHARLES RADIO AND IMP. CO., Mt. Carroll, Ill. 61053.

QSL CARDS, 2 color, 12 pt. Glossy White-500, \$6.00, 1000 for \$10.00. 248 designs. Catalog & samples, 25 cents. Lile Guill, Rustburg, Va. 24588.

MONITOR CRYSTALS, POLICE, FIRE AND OTHER RECEIVERS. Crystals for any frequency, low, high, and UHF bands. One week to 10 days delivery. Send make and model of receiver with check or money order. \$5.00 per crystal. No C.O.D. shipments. Add 25 cents for Air Mail. MAJESTIC COMMUNICATIONS, 1383 Airways, Memphis, Tenn. 38114. Home of MACO Products.

DEALERS WANTED: Wholesale citizen band service our shop. Write for details. THE CB SHOP, Box 2413, Lincoln, Nebraska. 68502.

GET YOUR FIRST! Memorize, study, "1971 Tests-Answers" for FCC First and Second Class License. Plus "Self-Study Ability Test," proven. \$5, COMMAND, Box 26348-F, San Fran., Ca. 94126.

U. S. A. and Canada United for a big one 1st International Vacation C.B. Jubilee sponsored by C.B.ers of both nations. JULY 16th, 17th, 18th, at Rochon Sands Provincial Park on Beautiful Buffalo Lake in Alberta, Canada. For information, write to C.B.ers WAGON TRAIN OF AMERICA, 9582 Fontana Ave., Fontana, Calif. 92335. or C.B.ers WAGON TRAIN OF AMERICA, Chapter 3, P. O. Box 262, Edmonton, Alberta, Canada.

SOUTHERN CALIFORNIA: C.B.ers Wagon Train of America, Chapter (ONE) SEMI-ANNUAL JAMBOREE. APRIL 23, 24, 25, AT LIDO PALMS MARINA, SALTON SEA. For reservations, write to: P. O. Box 1005, Fontana, California. 92335.

ADDRESS LABELS - 3 lines, \$1.00 per 1,000. Help a handicapped gal CB'er. Julia Meister, 2926 Wheatfield Drive, Cincinnati, Oh. 45239. KNN1075.

Nobody can Beat this for VALUE!

SHOP BY MAIL AND SAVE!

Use our easy credit plan, Bank-American or Master Charge.

"Rustler II" CB TRANSCEIVER



**5 WATTS —
11 CHANNEL POSITIONS
TUNES ALL CHANNELS — "S"/RF METER**

**READY-TO-USE
(CHANNEL 11)
FIXED AND MOBILE** **\$69⁹⁵**

(Use Stock Number when Ordering)

Rustler II Transceiver (66MX014).... \$69.95
Transmitting Crystals (Specify ch.)
TG4 ea. \$ 2.49
Receiving Crystals (Specify ch.)
RC4 ea. \$ 2.49

★ ★ ★ ★ ★

We carry the popular BC sets in MIDLAND & JOHNSON Brands, as well as the terrific "HELL CAT" antenna line.

★ ★ ★ ★ ★

We also welcome your inquiries on HAM EQUIPMENT and offer special prices on many of these items.



WORLD RADIO

3415 W. Broadway, Dept. S9
Council Bluffs, Iowa 51501

CB CARDS; 100 3 color on glossy stock, \$4.00; 200-\$6.00; Globe or Eagle on front; report form on back; RUSPRINT, Box 7575, North Kansas City, Mo. 64116.

CREATE a QSL with a "Sampler Instruction Kit" 25 cents. Samco, manufacturer of (XTRA-CLASS) and regular printed QSLs. Write Samco, Box 203, Wynantskill, N. Y. 12198.

ARTIST WANTED: Big opportunity to make extra money part-time using your artistic ability. Write Art Dept., CBC Wholesale Club, Box 221, Lexington, N. C. 27292, for complete details.

QSL PHOTO STAMPS, glossy free samples, B & C ENTERPRISES, P. O. B. 49B, Luray, Va. 22835.

YOU can be the C.B. Dealer in your community! DEALERS WANTED for all major brands handled. BENNIES COMMUNICATIONS, 1612 WALNUT STREET, BERWICK, PENNA. 18603. Phone: (717) 752-2913, (717) 759-0795, (717) 759-8253.

CB TRANSCEIVERS, ANTENNAS, CB ACCESSORIES, and POLICE MONITORS. Name brands. Brand new and factory guaranteed! Gigantic discount prices! Write for FREE Catalog now. Quick delivery. MONOCOM DISTRIBUTORS, P. O. Box 397, Waterford, Michigan. 48095.

QSL PRINTING: Samples & Catalog 10 cents. XANDER'S, 105 Marbeth Ave., Carlisle, Pa. 17013.

I SWAP QSL's with foreign CB'ers provided an Int. Reply Coupon is enclosed. KQD-7684, 82 Norman Ln., Levittown, N. Y. 11756.

QSL CARDS FOR SALE: 45 cents for 50 cards. Any amount — thousands for sale. Bruce Bennett, 82 Norman Ln., Levittown, N. Y. 11756.

600,000 BETTY CROCKER COUPONS WILL BUY MACHINE FOR LOCAL HOSPITAL. Bill Abel, Jr., 214 Avenue 'E', Fort Madison, Iowa. 52627.

HOLLYWOOD, CA. The only 100% QSL'er here. Mention C.B. Shop and get 2-4-1. Box 1707, Hollywood, California. 90028. T. Dallas, KOX6339.

FOR SALE: Slightly used Johnson 123 radio with power supply and Avanti PDL Quad. Perfect condx. Will accept any offer over \$200. Phone 501-423-3597.

POLICE RECEIVERS! Brand new/never unpacked. Write for more details. G. L. Coh, 145 Cummings Drive, Orange, Ct. 06477.

HELP! Collecting all Law Agency Shoulder patches. All depts. recognized. Joseph G. Schoen, 6598 Schuyler Dr., Derby, N. Y. 14047.

WISCONSIN CB'ers: Quit shooting SKIP and QSL! ARNIE TIMM, KDT-1009, 649 N. Eau Claire St., Mondovi, Wisconsin. 54755.

FOR SALE: Eico Sentinel-Pro CB Rig Turner J454 X Base Mike Waters 359 Compreamp All for \$75. Call: 521-4376, Lakewood, Ohio.

LAFAYETTE POLICE RECEIVER, Model Pro-30, 30 to 50 MHz, one month old, For \$50.00. Also: LAFAYETTE CB TRANSCEIVER, AiI 23 - HB 600, 3 months old, for \$150.00. Harold J. Peterzell, 1221 Vinewood Avenue, Schenectady, New York. 12306.

EXCHANGE TAPES, over 21. Discuss dope. Will long-haired boys wear skirts next? Etc. R. Faith, 20584 E. Wood Ave., Cleveland, Ohio. 44126.

BUY TAPES: Cassette tapes, cheap. Send for tape list and prices. KCK-3429, Ed Sakowski, 126 N. White St., Shenandoah, Penna. 17976.

NEW JOHNSON 124 RADIO, \$200. Guaranteed! All kinds of used equipment at low prices. Berryville Center, 103 Public Sq., Berryville, Ark. 72616.

I NEED PATCHES—Fire, Police, Rescue and Emergency. Bill Goldfeder, 44 Old Field Lane, Great Neck, N. Y. 11020.

LAFAYETTE MICRO 12 Ch. Mobile. Only 3 mo. old, \$70. Excellent cond. Paul Casey, 7914 - 32nd S.W., Seattle, Washington. 98126.

WANTED: San Francisco Bay Area QSL Cards. 100% return. Also collect business cards (wallet size). 73's. KCV-8350. John Thornton, 81 Parkside Dr., Berkeley, Calif. 94705.

BUY TAPES. Cassette tapes cheap. Send for tape list and prices. Ed. Sakowski, 126 No. White St., Shenandoah, Penna. 17976.

QSL'S FROM NORTHERN MICHIGAN — We swap 100%. Buddy Packs Welcome! KRF-0832, Dave Palmgren, 304 No. 13th St., Escanaba, Mi. 49829.

ALL S9's, first issue, July '62 through present. Good condition. Make offer. L. St. John, 1571 N. 21st St., Newark, Ohio. 43055.

FOR SALE: Golden Eagle, \$300. P. O. Box 882, Norristown, Penna. 19404.

I COLLECT STATE MAP AND CAPITOL QSL's. Also Capitol Post Cards. E. Johnson, 6319 Balfour, Lansing, Michigan. 48910.

FOR SALE: 3 Mark Sidewinder 46's. In factory-sealed cartons. \$415 each. Send check or money order to: Kevin Flanagan, 417 Homestead, La-Grange Park, Ill. 60525.

SWAP QSL CARDS WITH EVERYONE, EVERYWHERE! Beto Villafane, Box 32, Utuado, Puerto Rico. 00761. KDS-8310.

WE QSL 100%! Please send your card. KMD-1450, Barney Giventer, 21 Ridgewood Avenue, Staten Island, New York. 10312.

FOR SALE: Heath Kit GW11 12 volt mobile CB radio, \$35.00. With channels 5, 6, 12. Orlan Cain, Griswold, Iowa. 51535.

WANTED: Courier Royal C.B. Transceiver in good condition. M. Digman, 922 Merz St., Dubuque, Iowa. 52001.

HY-GAIN CLR2 ANTENNA, NEW - Original carton, \$24.00. N. P. Rock, 135 Chicago St., Kiel, Wi. 53042.

ATTENTION QSL CARD SWAPPERS! Collectors Cards for sale - 50 different cards from all over U.S.A., only \$1.00 or 600 Connecticut cards for \$1.00. Joe Magnano, Cone Road, R.R.4, Box 72-B, East Hampton, Conn. 06424.

MAKE OFFER on Johnson 124, 123, 323. All in perfect condition. Lori Sowell, 103 Public St., Berryville, Ark. 72616.

WANTED: Information on VHF & UHF scanners. Any other info. welcome. M. Withers, P. O. Box 1144, Moravian Station, Bethlehem, Pa. 18018.

SWAP WITH A REAL SWAPPER. SWAP ANY AMOUNT. KLG-0423, Roy Clinch, 3558 Gifford Rd., Vernon Center, New York. 13477.

NEED NAME and/or address for Venezuelan CB prefix 2YX: B. Buffington, Box 222, Caryville, New York. 12521.

QSL's FOR SALE: 50 for 50 cents. Any amount. KQD-7684, Bruce Bennett, 82 Norman Ln., Levittown, N. Y. 11756.

SOUTH TEXAS COFFEE BREAK, May 30, Moravian Hall, Kostoryz Road, Corpus Christi, Texas. 10 a.m.-? Contact: P. O. Box 8388, Corpus Christi, Texas. 78412.

SUPPORT YOUR LAW AGENCIES! Our REACT Div. does. We also collect shoulder patches. Any extras? Joseph G. Schoen, 6598 Schuyler Dr., Derby, New York. 14047.

WE WANT TO RECEIVE OTHER QSL CARDS with numbers 6684. Any prefix. H. G. Kennedy, KRH-6684, 1620 Steele, Springdale, Ark. 72764.

4 SALE: Eico Sentinel-Pro CB Rig Turner, J454X, Base Mike Waters 359 Compreamp. All for \$75. Call 521-4376, Lakewood, Ohio.

SHOW ME your QSL Cards, and I'll show you a 1-4-1 Swap! 100% swapping, provided that your card is SIGNED! Pete Snyder, KBK-9345, 238 Causeway, Lawrence, L. I., N. Y. 11559.

REALISTIC 1 watt CB transceiver, excellent condition. \$25. Art Widawski, 4 Pondfield Rd., New Fairfield, Ct. 06810



Avanti R & D, Inc., 33-35 W. Fullerton Ave., Addison, Ill. 60101, has groovy-looking colorful T-Shirts and Sweat Shirts. The T-Shirt (black printing on white shirt) shows a whacky cartoon of a mobile CB'er; the Sweat Shirt (short sleeves, white ink on navy blue) depicts their MOONRAKER trademark--a real science-fiction doozie. T-Shirts are \$1.75 ea.; Sweat Shirts are \$3.75 ea.; they come in S, M, L, XL (state size when ordering). Add 50 cents for postage and handling-- no COD's. Ill. residents, add 5% sales tax.



MAY 1971

READER SERVICE

- Antenna Specialists Company
- Arnold's Engraving
- Avanti Research & Devel., Inc.
- B & K Communications
- Baggy's Radio Corp.
- CRB Research, Inc.
- Cush-Craft, Inc.
- Francis Industries
- General Motors Research Labs., Inc. (REACT).
- Henshaw's
- House of Power
- Hy-Gain Electronics Corporation
- Johnson, E. F., Company
- Lafayette Radio Electronics
- Mark Products
- Mosley Electronics
- National Radio Institute
- New-Tronics
- Pearce-Simpson
- Regency Electronics
- Shakespeare Company
- Tram Electronics Corp.
- Unicom Electronics Corp.
- World Radio Laboratories

S9

Reader Service

14 Vanderventer Ave.
Port Washington, N. Y. 11050

Sirs:

Please send me information on the products and services which I have checked above.

Name: _____, Call: _____

Street Address: _____

City: _____, State: _____, Zip: _____

advertisers index

Allied Radio Shack	*
Antenna Specialists Company	10, 11
Amateur Electronic Supply	*
Arnold's Engraving	33
Avanti Research & Devel., Inc.	Cov. IV
B & K Communications	21
Baggy's Radio Corp.	48
Bomar Crystal Company	*
Browning Laboratories, Inc.	*
CB Center of America	*
CRB Research, Inc.	27
Crystek	*
Cush-Craft, Inc.	48
Francis Industries	48
General Motors Research Labs., Inc. REACT	33
Gotham	38
Henshaw's	25
House of Power	38
Hy-Gain Electronics Corporation	Cov. III, 12, 34, 42
Johnson, E. F., Company	6
Lafayette Radio Electronics	Cov. II, 1
Mark Products	29
Midland International	*
Mosley Electronics	52
National Radio Institute	41
New-Tronics	2, 3
Omega-T Systems, Inc.	*
Pearce-Simpson	22
Penney, J. C., Company	*
Raytrack Company	*
Regency Electronics	8
Ridge Associates	*
Robyn Company	*
Shakespeare Company	19
Shure Brothers, Inc.	*
Tram Electronics Corp.	14
Unicom Electronics Corp.	4
Wilson Electronics	*
World Radio Laboratories	50

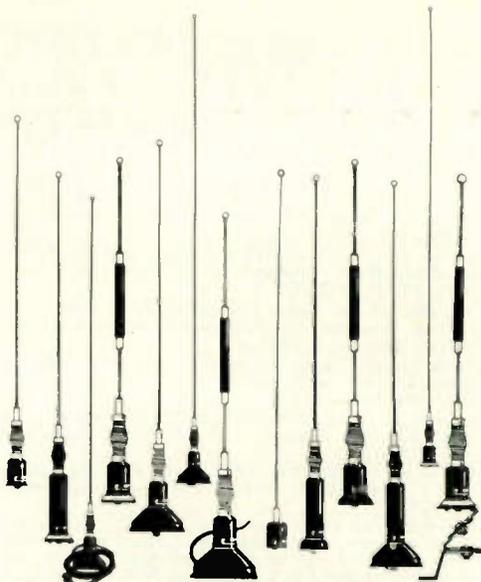
STATEMENT OF ADVERTISING POLICY

*S9 accepts advertising from manufacturers, dealers, and distributors who, in the opinion of the publisher, offer our readers a high level of quality in products and/or services. Wherever possible we attempt to provide readers with additional equipment evaluation reports, prepared in detail by S9's technical staff.

We urge readers to patronize S9 advertisers wherever possible. These advertisers offer, in the opinion of the publisher, good value and highly reputable products and services. By supporting these advertisers, you also help S9 grow; this assures you of a continuation of top-quality reporting on what's new in the industry.

It's obvious that not every advertiser appears in every issue. For that reason, we list in our advertisers index all regular S9 advertisers, with an asterisk adjacent to those whose ads appear in issues other than this one.

In addition, certain firms are not able to meet our standards and are not permitted to advertise within S9. If you wish additional information on any firm whose ads do not appear in the publication, feel free to write our publisher at any time. All queries will be answered promptly.



FREE NEW CATALOG CB MOBILE ANTENNAS

The equivalent of 78 new CB Mobile Antenna Systems to select from.

Get all the facts. Visit your local Mosley Dealer, or write factory direct, Dept. 204.

Mosley Electronics Inc.

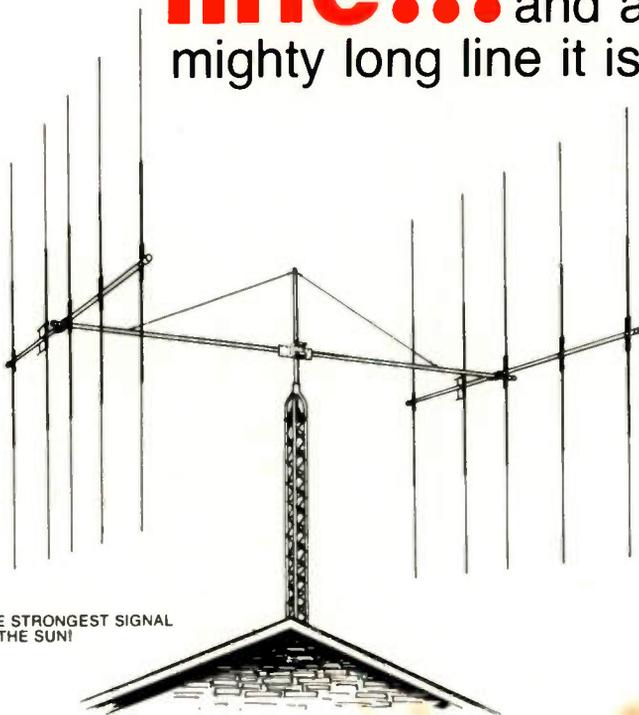
4610 N. LINDBERGH BLVD., BRIDGETON MO. 63044

tune in



to S9

Signals right on line... and a mighty long line it is



FOR THE STRONGEST SIGNAL
UNDER THE SUN!

Hy-Gain's Super Duo-Beam 10 (stacked fives), with 14.3 db gain, delivers the most talk power of any CB antenna under the sun. SDB-10 design concentrates the entire output of your transceiver into a single, narrow beam and pushes it out right on a line for the greatest distance. At the same time, this concentrated power gain provides you with a louder, clearer incoming signal.

Gain is related to length of boom. Hy-Gain's Duo-Beams have the longest booms.

Built for a long life of dependable service, the SDB-10 offers tilting mast-to-boom clamp for easy tuning and maintenance.

To line yourself up for the greatest power and selectivity you've ever known, see the best distributor under the sun for a 10-element Super Duo-Beam by Hy-Gain.

Order number 541
Order number 542
Order number 546

4 elements
6 elements
10 elements

CB Net \$ 69.95
CB Net \$109.95
CB Net \$179.95

SPECIFICATIONS SDB-10

Electrical
Power Gain.....14.3 db
Front-to-Back Ratio.....26 db
SWR at Resonance.....Less than 1.4:1

Mechanical
Boom Length.....20 ft.
Cross Boom Length.....24 ft.
Longest Element.....18' 9 $\frac{3}{4}$ "
Turning Radius.....15'6"
Maximum Wind Survival.....100 MPH

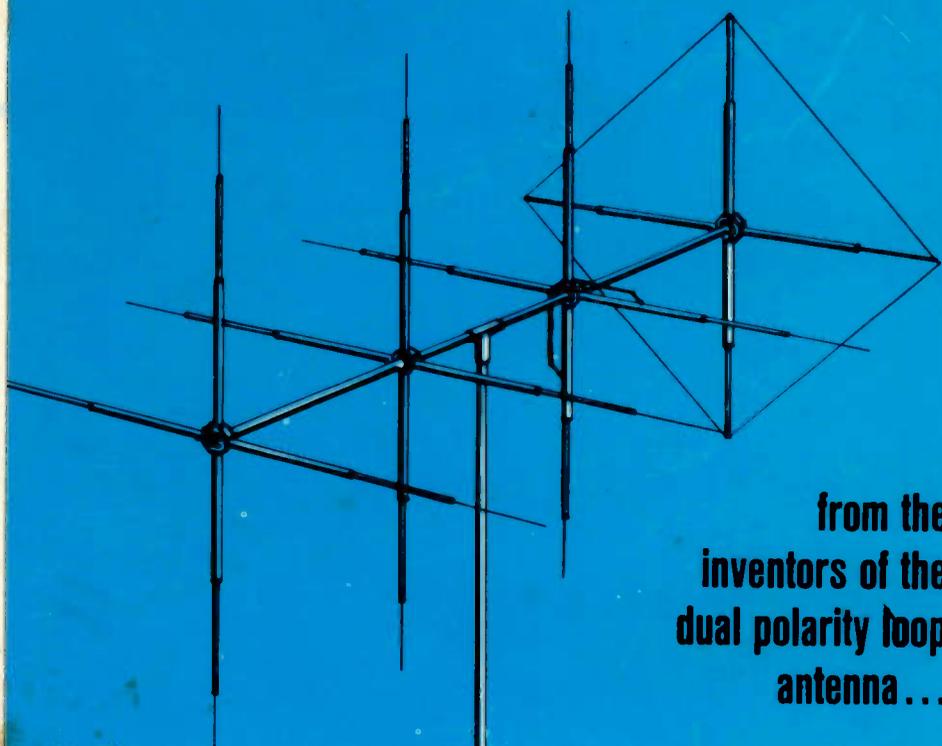
Plus These Other Great Super Duo-Beams

	Elements	Gain
SDB4	4	9.3 db
SDB6	6	12.7 db

Super Duo-Beam from Hy-Gain

HY-GAIN ELECTRONICS CORPORATION

P.O. Box 5407 DE, Lincoln, Nebraska 68505



from the
inventors of the
dual polarity loop
antenna...

* THE MOONRAKER!

Designed along the lines of antennas used to pinpoint signals on "moon bounce."

Uses only a 15' boom to eliminate efficiency loss inherent in multiple in-line quad designs, thus better signal excitation is achieved to provide greater true gain.

Combines 1/2 wave cross dipole elements with the famous Avanti PDL™ design reflector. Switch box (included) permits operation on the horizontal or vertical mode.

Aircraft quality seamless aluminum construction
... extrusions and castings used in hubs and mounts ... no stampings. 1 year guarantee.

SPECIFICATIONS

Gain:	14.5 db
SWR:	1.20:1
Impedance:	50 ohms
Power Handling:	1000 watts
Front to Back	
Separation:	38 db
Vertical to Horizontal	
Separation:	25 db
Wind Survival:	90 mph
Weight:	24 lbs.

\$129.95

*Patent Pending

Made in America



avanti

AVANTI RESEARCH & DEVELOPMENT, INC.

THE PACESETTER IN HIGH PERFORMANCE ANTENNAS

33-35 WEST FULLERTON AVENUE,
ADDISON, ILLINOIS 60101