

JUNE 1995

# FEEDBACK

THE OFFICIAL NEWSLETTER OF THE  
GEORGIAN BAY AMATEUR RADIO CLUB INC.

Sponsoring

VE3OSR FM REPEATER 146.940- Mhz MARKDALE  
VE3OST FM REPEATER 145.290- Mhz OWEN SOUND  
VE3GBT FM REPEATER 146.895- Mhz BARROW BAY  
VE3IJD PACKET BBS 145.630 Mhz KEADY

## REGULAR EVENTS

**GBARC MEETINGS:**  
FOURTH TUESDAY OF EACH  
MONTH

**NETS:**  
Sunday 9:30 A.M. 3.783 MHz  
Thursday 8:00 P.M. 2 Mtr

**BREAKFAST MEETINGS:**  
SECOND AND LAST SATURDAY  
OF EACH MONTH 9:30 a.m.  
**Rockford**

**GBARC INFORMATION:**  
INFORMATION REGARDING  
MEMBERSHIP SHOULD BE  
DIRECTED TO TOM VE3NEM  
519-371-9499

## Minutes of the meeting of May 23, 1995:

The meeting was opened by president Ken with 23 members present. Dan VE3DQC moved we accept the minutes of the last meeting as printed, Ross VE3BZC seconded. Steve VE3XKM has received ARES id cards for the members who filled out the ARES forms at the last meeting, from Jim VE3OVV. The tent and the porta-poty have been ordered for field-day at Genes place on June 24 & 25. You are asked to bring rigs, antennas, picnic tables and a salad or something for supper. We plan to use lans call VE3HXX.

There was only one nominee for each executive position so no vote was held. Next year Brad VE3RHJ will be president, Ken VA3KMS will be vice president, Richard VE3WUD will be secretary, Tom VE3NEM will be treasurer, Dave VA3DSI will be program director, Rick VE3HIO will be technical director and Tom VE3TSA will be bulletin editor.

Gene VE3IJD reported that the UHF link between the BBS and Telesat is down, John VE3TXB has donated an 11 element UHF beam which will be installed at Allan Park, which will hopefully help. A number of people are still sending beacons, they serve no usefull purpose and should be turned off. Ken VA3KMS volunteered to be the packet coordinator, Nick VE3MWU moved that Ken be the packet coordinator, John VE3TXB seconded, there were no objections.

The 50/50 draw was won by Richard VE3WUD..... *Minutes by Nick VE3MWU.....*

FEEDBACK -- JUNE 1995

MESSAGE FROM THE (INCOMING) PRESIDENT - VE3RHJ

Welcome, everyone, to another year of operation as GBARC Inc.! If the first two weeks are any indication, this should be a banner year for the club. We have an influx of enthusiastic new members, and I'm encouraged that two of our newest members have volunteered to serve as club officers.

Richard, VE3WUD, is our new Secretary. He's perhaps better known for his frequent presence on the 2M repeaters -- he's one of the key players who helped reactivate our 2M evening net. Thanks, Richard, for taking on the usually thankless job of Secretary!

Dave, VE3DSI, is our new Program Director, and is already moving faster than I can keep up! Within two weeks of taking office, he lined up a speaker for our June meeting, and arranged media coverage for Field Day. He's already come up with more ideas for new club activities -- stay tuned for an interesting year.

Carrying on their fine work from the previous administration are Tom VE3NEM as Treasurer, and Rick VE3HIO as Technical Director (and Repeater-meister). And of course the inimitable Tom, VE3TSA, will continue to provide us with our club bulletin, Feedback.

Special thanks to Immediate Past President Ken, VA3KMS, who as Vice-President will be my "backup" when I'm out of town, and who will help me through the rough spots. He'll be also visible as our new Packet Administrator.

And my thanks to the other outgoing officers: Nick VE3MWU, Gene VE3IJD, and Bob VE3XOX, for a job well done...and for all the jobs I'm sure they'll find to do in the next year!

I believe in spreading the work around, and in recognizing the people who do it. So I plan to formally or informally name several "activity leaders" to organize specific club functions. We've done this in the past -- Club Photographer John, VE3TXB, for example -- and Tom has given them prominent mention in Feedback and in the membership list. I ask all club members to recognize, encourage, praise, applaud, cheer, and support all those who stand up to take charge of a club function!

Two "appointments" (volunteers) to start the year: Jack, VE3TWK, has agreed to take on the task of Radio Course Coordinator. When we decide to have another course (basic or advanced), he'll be arranging a location, assembling the materials, and organizing the instructors. Steve, VE3XKM, is our new ARES Coordinator -- and I'm glad to see that many club members have volunteered to participate in the Amateur Radio Emergency Service. Steve will be working with other ARES staff to set up some practice exercises in our area.

By the time you read this, two activity leaders will have just completed their tasks. Bob, VE3XOX, organized this year's club flea market -- which unfortunately drew too little interest to pay for the room. (Thanks, Bob, for all the effort!) And Gene, VE3IJD, is this year's Field Day chairman (and host).

Judging from the Feedback survey, many of you want the club business meetings to be shorter. I plan to accomplish this by starting each meeting at 7:30 sharp, with brief reports (no more than two minutes) from each activity leader, and by keeping the discussion focused on the business at hand. (Expect me to be ruthless in delegating complex matters to subcommittees.)

Speaking of surveys, if you haven't sent your Feedback survey in to Tom VE3TSA, please do so. The new Executive Committee is going to rely heavily on those surveys to plan club activities for the new year.

73, Brad VE3RHJ el nuevo presidente

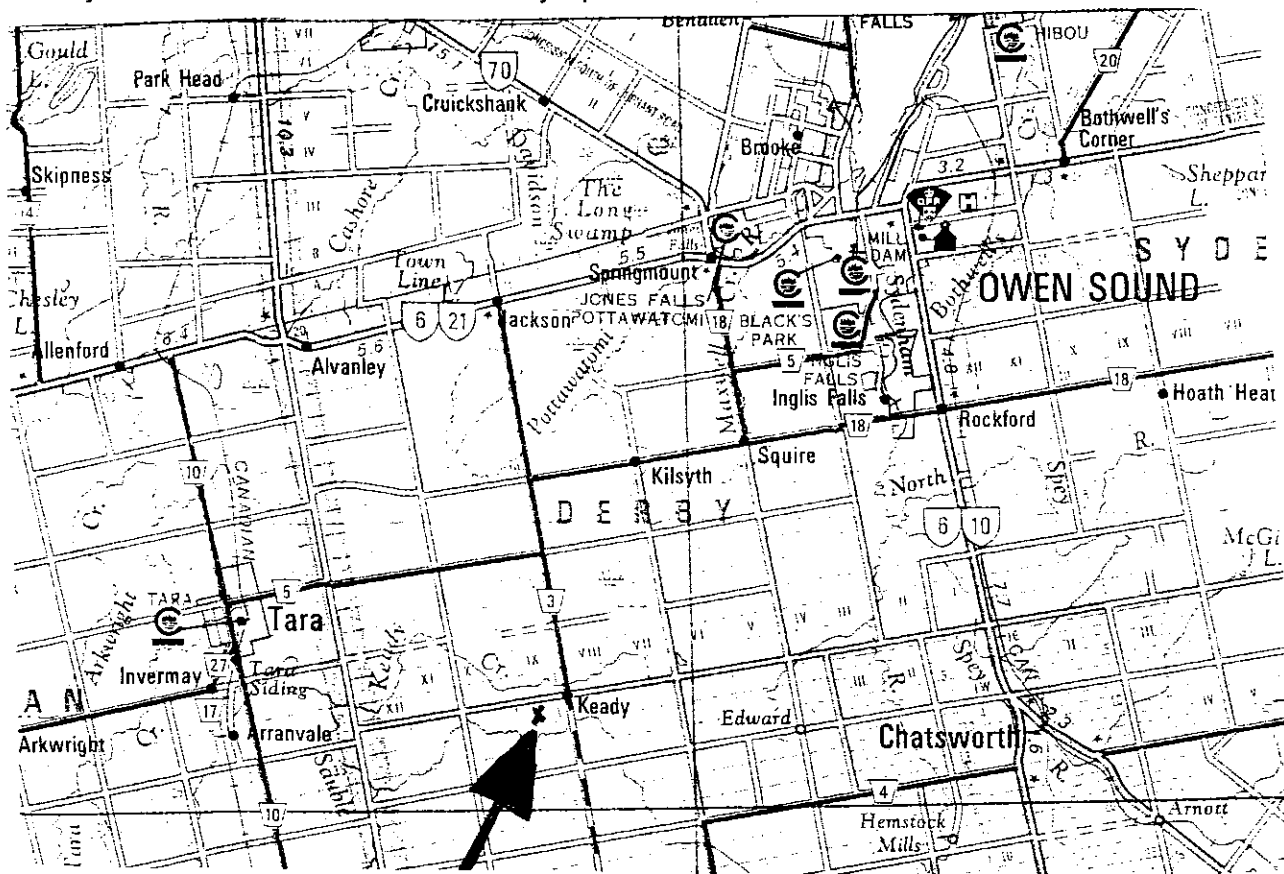
## DIRECTIONS TO THE FIELD DAY SITE

**From Owen Sound:** Follow highway 6 West to Jackson. Turn left, or South onto Grey County Road 3. Stay on this road until you get to the 4 way stop in Keady, approx. 10kms. With the Keady general store on your immediate right hand, turn right or West. Travel past a group of homes on your left, then a stretch of open field leading to a gradual hill. You've reached the site, its on your left, or South side of the road, green house, brown roof, tall tower, hams greeting hams....

**From the East, including Meaford, Markdale and Durham:** Follow highway 6 or highway 10 North to Chatsworth. Proceed North out of town and back up to the 80kms zone. The road your looking for is the one about 1 km past the bend in the highway. You will pass a Ministry of Transport Garage on your right. At the next intersection, turn left or West. Stay on this road until you come to the 4 way stop in Keady. After stopping for the sign, proceed straight through the village, past a group of home and then an empty field up a gradual hill, the site is on your left or South side of the road. Drive up the lane, pay the parking attendant \$135 and enjoy your weekend.....

**From the South, Walkerton, Hanover Bervie,** Bervie Follow Bruce County road 10 North out of Chesley. If you know your way, fine,, this will take you a mile or so out of your way, but you won't get lost... stay on this road until you come over a hill and see a flashing yellow light at an intersection. Turn right or East. If you end up in Tara you've just passed the corner. Be careful travelling east, there is a one lane bridge just after the 2 lane bridge. Stay on this road till you see a stop sign,, about 4kms. At this "T" intersection, turn right, follow this road south for 1 1/4 miles, turning left at the first corner. This is my road,, stay on it for about 5kms,, field day site will be on your right or south side of the road.... I guess the Port Elgin folks can pick this up from Invermay,, just south of Tara.....

All other places... choose the best one from the above list or send me \$135 in advance and I'll include my kids to follow you around for the weekend.... Mr. Sysop



FEEDBACK --- JUNE 1995

Field Day Information----- I want to make sure everyone both on and off packet are aware of the field day, June 24 and 25 at my location 1/4 mi west of Keady. Tents and trailers can be set up on Thursday or Friday night. The rest of field day can start around 10 am on Saturday morning. We will need picnic tables and lawn chairs. For dinner we can chip in and get some pizzas or whatever but for the Saturday supper I would like all the folks who's calls start with the letter A through M to bring a meal item, like baked beans, cooked potatoes, salads, anything to eat for the main meal. Then I would like all the guys who have calls that start with N through Z to bring a dessert, like a Jello, pie, cake, cookies etc. This way every one can have a good selection of food. So, if my call is VE3IJD, my letter is "I" so I bring a supper item, not a dessert....If there are any questions please send them to me.....The big tent will be set up so supper is rain or shine and the wives/husbands/kids are all invited.... Gene

AS OF JUNE 1, THE FOLLOWING HAMS WILL FORM THE EXECUTIVE OF THE PORT ELGIN AMATEUR RADIO CLUB:

President	Jerry Banks	VE3UWZ
Secretary/Treasurer	Karel Ebenstreit	VE3KCE
Emergency Liaison	Willy Samela	VE3WWS
Past President/ Publicity Officer	Jim Reeves	VE3JMD

This is the GBARC fanout list. This is used to inform all members of important information. It is initiated on packet radio, and is sent to all members on IJDBBS with the CLUBCC carbon server, with the traffic to be passed and the following fanout list. The current fanout list is available from VE3TSA.

THOSE ON THE LEFT ARE TO PHONE THOSE AFTER THE --> SYMBOL

VA3KMS --> VE3NEM and VE3FOY and VE3HIO  
 VE3BZC --> VE3AEO and VE3BFV and VE3DQC  
 VE3FFN --> VE3IXG and S GUZONAS  
 VE3GDH  
 VE3HMZ --> VA3SEA/VA3HUD and VE3CUV  
 VE3IDS --> VE3CRV and VE3DIQ  
 VE3IJD --> VE3UIC and VA3ACI  
 VE3IOD --> VE3WNW and VE3LPD  
 VE3LKD --> VE3MVS and VE3DTS  
 VE3MTG --> VE3DLH  
 VE3MTV --> VE3TWI and VE3TWK  
 VE3MWU --> VE3DKF and KA1QU/N1QCM  
 VE3NBJ --> VE3TUQ  
 VE3RHJ --> VE3TUS and VE3DXO  
 VE3TSA --> VE3HXX and VA3CJM  
 VE3TTV --> VE3TYL and VA3DRB  
 VE3TUK --> VE3HGL  
 VE3TXB --> VE3TFQ/VE3TUP and VA3DSI  
 VE3VTO --> N5ZIK and VE3IBI  
 VE3WUD --> VA3JRF  
 VE3XKM --> VE3UWD

WHAT I WOULD LIKE HERE IS FOR THOSE HAMS ON THE LEFT SIDE OF THE PAGE TO CHECK THE PHONE NUMBER OF THE HAMS YOU HAVE TO CALL AND MAKE SURE THEY ARE LOCAL CALLS. ALSO, THIS LIST IS FOR YOUR INFORMATION ONLY...WHEN THE FANOUT LIST IS ACTIVATED THE CURRENT LIST WILL BE INCLUDED WITH IT, SO DON'T USE THIS ONE. ANY SUGGESTIONS? 73 FOR NOW...TOM

FORWARD ANY CORRECTIONS TO VE3TSA...THANKS  
 CURRENT AS OF 13 JUNE 1995

# The Copper Cactus J-Pole

For 2m and 70cm.

by John Post KE7AX

**R**emember those Novice days when you ran your 40 meter dipole on 15 meters? Have you had your eye on one of the fancy new dual-band radios? Does the idea of putting up two separate antennas and running two feedlines pour cold water on your enthusiasm? Well, if you enjoy home-brewing, this may be your cup of tea!

This probably makes you think of using one antenna, cut for a particular frequency, on a multiple of that frequency. Fifteen meter frequencies consist of roughly the third multiple of frequencies in the 40 meter band, just as amateur frequencies in the 70cm band (440 MHz) are roughly the third multiple of frequencies on the 2 meter band, our most popular amateur band.

Since I was making a J-pole antenna for the 2 meter band, I decided to try the antenna on 440. I was pleasantly surprised to find that it worked reasonably well. However, I was concerned because the SWR curves didn't bottom out. After making several changes, I plotted new SWR curves, and decided on the dimensions shown in this article. You can change the dimensions slightly, but be careful! Changing the dimensions will change both bands.

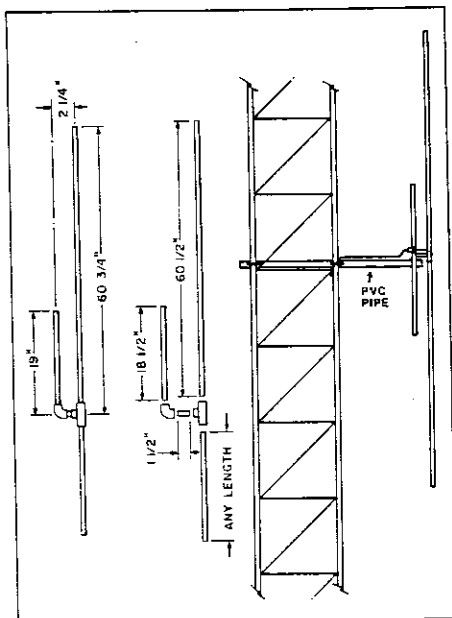


Figure 1. The Copper Cactus, and a typical Double Cactus installation.

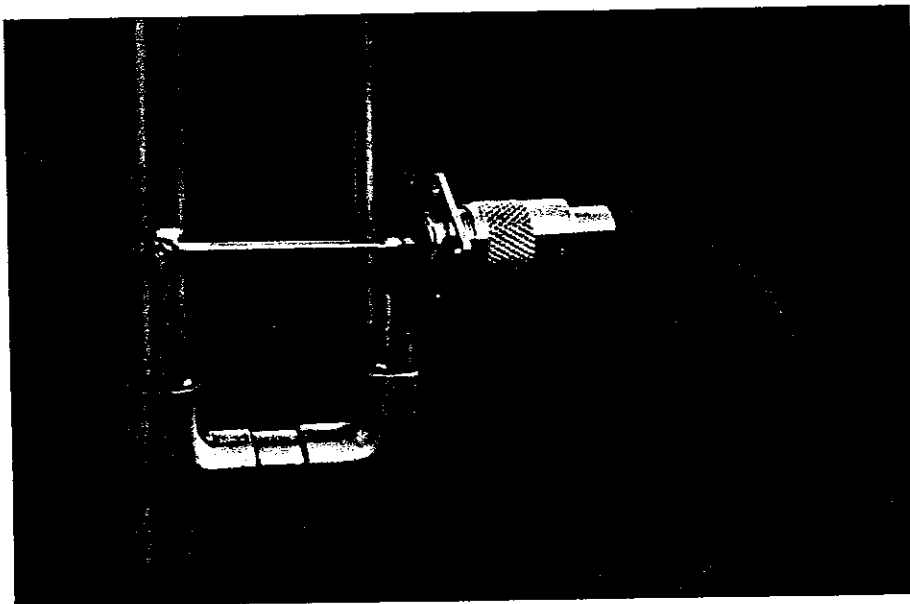


Photo A. Details of the feedpoint. Rivet one corner of the SO-239 connector to the short section of the Copper Cactus. Run a #12 wire from the center pin of the connector and solder it to the long section of the antenna. Make sure the center conductor doesn't touch the short section.

Before you construct this antenna, I want to emphasize that I designed it primarily for use on 2 meters, and it will radiate most efficiently on that band. But you can get on the 440 band quickly and enjoy your dual-bander right away. It does LISTEN very well on 440. It is employed locally as a single antenna for a crossband repeater system. In this system, it listens on 440 and transmits on 2 meters.

One thing is certain: It's hard to beat the cost and fun you will have building the Copper Cactus!

### Construction

1. Cut a 10-foot piece of 1/2" copper water pipe into the following sizes: 60-1/2", 18-3/4", and 1-1/2". The mounting tube may be any length. (You will have a section about 3 1/2 feet long to cut the mounting piece from.) See Figures 1 and 2. Special thanks go to Gary Rogers WR7L for assistance with the technical drawing.

2. Clean all the pieces where they will be inserted into the T and elbow fittings. Assemble the antenna and check your dimensions.

3. Disassemble the sections, flux the ends

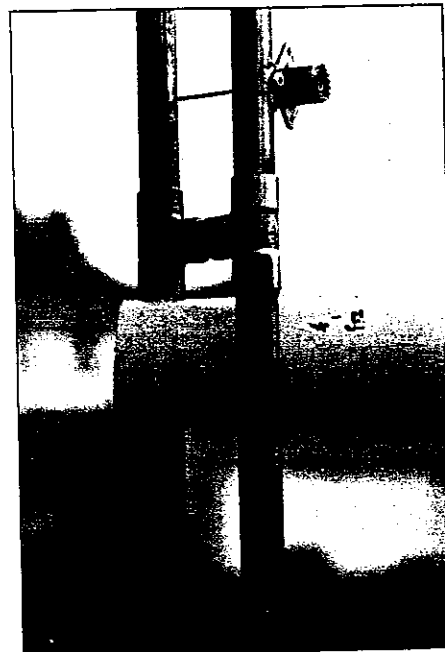


Photo B. Run the long section of the Double Cactus through the PVC pipe to secure it to the tower side mount.

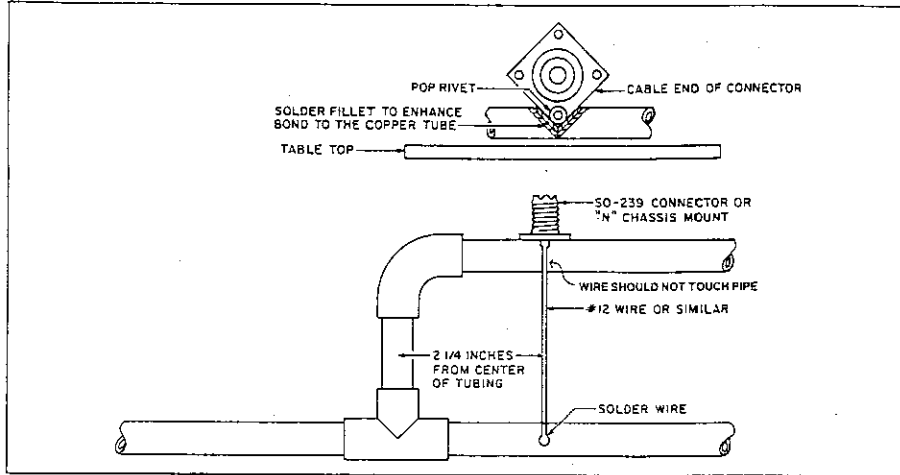


Figure 2. See the materials list. Before soldering, clean the joints and place the assembled antenna on a flat, noninflammable surface. Practice on some scraps of tubing and extra pipe joints if you're new to this. All dimensions are center-to-center.

that will be reinserted into the fittings, and reassemble the antenna, taking care to recheck the dimensions before soldering.

4. Carefully solder your antenna together. Make sure the matching stub and radiator element are parallel. You will need to turn the antenna over to solder the fittings on the other side. Use the minimum amount of solder, but make sure the antenna is stout!

5. After the initial soldering is done and the antenna is cool, measure the spot where the

feedpoint will be located. Also, clean and mark the spot on the long radiating element where you will solder the wire from the center of the chassis mount.

6. Now you get to make a decision! You will need to drill a hole in the short section for either a pop rivet or machine screw. This will help secure the chassis mount to the antenna. If you use a machine screw, choose one that is long enough to allow a nut to be placed on the other side of the short section. Approximately one inch should do it. Also, you will need to drill out the hole in the chassis mount that will accommodate the screw/rivet. Make sure it isn't too fat, or you'll find yourself with too large a hole in the chassis mount. I use 1/8" aircraft-grade pop rivets, but I have made several antennas with machine screws. They all work fine. If you have any qualms about the quality of your rivets, go with the machine screw.

7. Place the chassis mount where it will be located, and mark the spot. Carefully drill the hole in the short matching section. If you are using a rivet, just drill in the outside wall. If you chose the machine screw, drill it all the way through.

8. After drilling the hole to match in the chassis mount, secure it to the matching stub with either the rivet or machine screw. Make sure the threads face away from the radiating element! Your chassis mount should be very secure to the matching stub.

9. Now, go find an old connector to use as a heat sink while you place a bit of solder on the spot where the chassis connector meets

the matching stub. Solder this area carefully. Apply the heat to the copper pipe, and the chassis connector will be warm enough for the solder to adhere to. This will make a good electrical connection and enhance the mechanical one as well. Remove the old connector from the chassis mount and check the insulation for distortion/melting. It should be fine. (Unless you applied the flame directly to the chassis mount.) I also use an extra T-connector for a head sink; you can do whatever you want.

10. With the torch, heat the spot where the feed wire will attach on the radiating element. Place a small bead of solder on the spot. It should be directly across from the center of the chassis mount.

11. Cut and strip the ends of the wire that will go from the center of the chassis mount to the feedpoint. Solder one end to the chassis mount, using a soldering iron, NOT the torch! Tin the opposite end where it will attach to the radiator, and try to attach it with your iron. If you can't get the feedpoint hot enough with the iron, use the torch carefully and secure the wire that way.

12. Let the antenna cool, then check all fittings for security. They should be very strong. Clean up the antenna with some steel wool, taking care not to leave any small "hairs" behind. Check the SWR on both bands and paint the antenna as desired. Enjoy your new dual-band Copper Cactus!

**Now—the Double Cactus**

This one is for those of you who love BIG antennas. It is built using the same basic procedure as above. However, instead of a 90-degree connector, buy two T-fittings. Also, cut the matching sections 1/2" longer. Buy two 10-foot sections of copper pipe and build a mirror image of the standard Cactus below itself.

I use a 5-foot section of 1-1/2" PVC pipe to suspend the Double Cactus from the side of my tower. This seems like the best way to do it. Just drill a 5/8" hole about one inch in from the end of the PVC pipe, and slide the long leg of the antenna down through it. The feedpoint will be above the PVC, allowing you to secure the feedline to it. When comparing this antenna to the standard J design, we found a stronger signal report on both bands. The reports weren't much stronger—maybe one or two S-units—but you may find that this antenna meets the need better. I have a standard J on the top of my mast, and the extended version off the side of the tower.

*Continued on page 27*

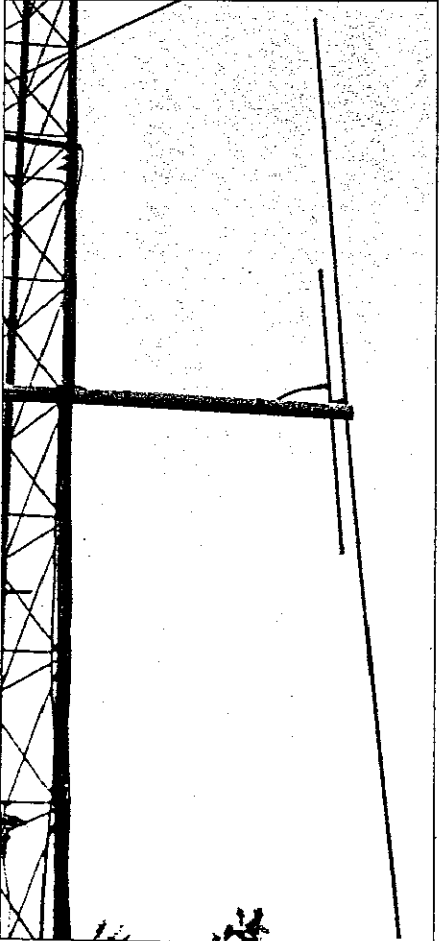


Photo C. Use PVC pipe to mount the Cactus to the side of your tower. The Double Cactus is shown here.

**The Copper Cactus  
Materials List**

1	10-foot section of 1/2" copper water pipe
1	T-section
1	90-degree elbow
1	SO-239 or N-type chassis mount
1	2-1/2" piece of no. 12 or similar copper wire
1	machine screw, about 1" long, with nut; or pop rivet 1/8" dia. x 1/2" long

Other: Propane torch, solder for copper pipe, and flux.

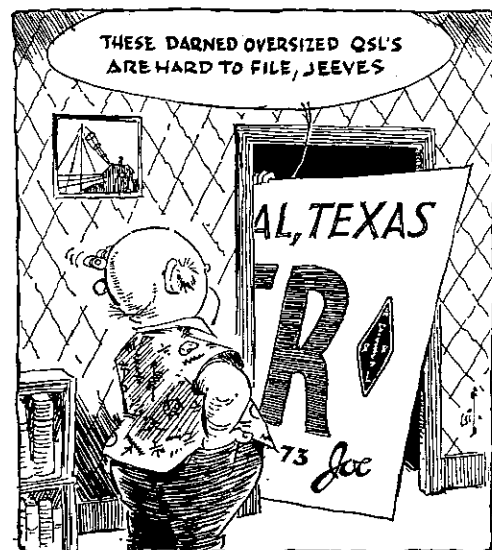
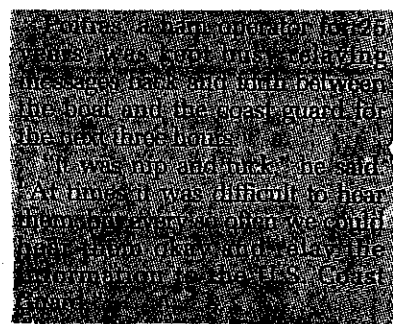
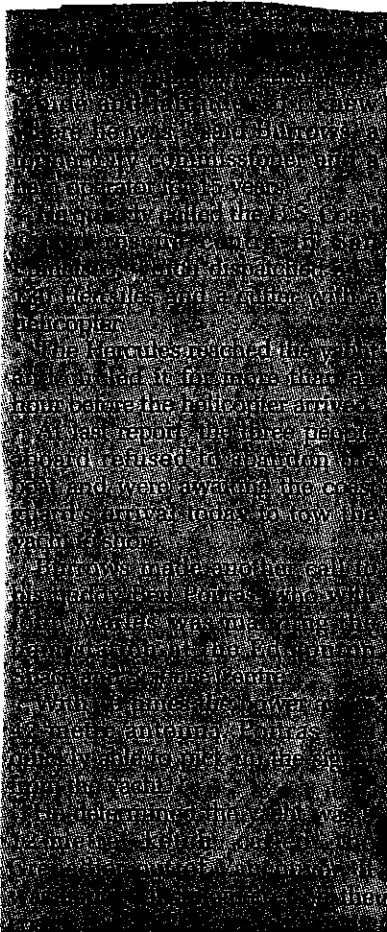
## The Copper Cactus

Continued from page 10

With the help of Bob Post N7KUC, preliminary tests were run in the field. Tom Ring WA2PHW, my friend, just had to try his new MININEC program (written by Brian Beezley K6STI) on the Cactus. Tom is a real pro at building antennas, and the eternal skeptic when it comes to antenna gain claims. He found the patterns pretty close to those described in other tests of similar antennas. That is, a large lobe near the horizon and several radiating at higher angles, on 2 meters. Unfortunately, Tom couldn't get the specs on 440, so we had to rely on field tests. I'm sure the radiation angle is fairly high with the "standard" Cactus, and the gain over a quarter-wave is nil on 440 MHz.

The Double Cactus seems to have a flatter angle of radiation when compared to the standard J design. The SWR curves are fairly flat, usually less than 1.5 to 1 across the band from 145 to 148 and 440 to 450. I have been running both versions of the Cactus J-pole for over two years, and I haven't seen a change in the SWR curves. You should enjoy many years of happy dual-banding with the Copper Cactus. **73**

You may write John Post KE7AX at 13263 Europa Ct., Apple Valley MN 55124. Please enclose an SASE if you request information. He gives special thanks to Russ Prince N0DAI, of The Consulting Mac, and to Bob Post N7KUC and Gary Rogers WR7L.



**ARES net!!**

Held on the second Monday of the month,

7:00pm on VE3OVV packet 145.01

8:00pm on VE3TIV 146.61-

9:00pm on 3737khz.

FEEDBACK --- JUNE 1995

**From: VE3IJD** Handheld Hotflash

Every wonder why your handheld got warm when you were operating it from an external source ? I just hooked my IC-24 to a gell cell and measured the current.it came in at 3.2 amps on high power,,about 5 watts...Wonder why they go dead sitting around not turned on ? they draw 12 ma of current just to keep the time etc..Thought you might like to know,,try it on yours...

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**From: VE3IJD** Packet Group

The following calls are registered with the new VE3IJD BBS packet users group.

To register, please send \$25 to Gene McDonald , R R 4 Tara,N0H2N0.

Memberships run MAY1 to April 30 and some have chosen to pay for a couple of years ahead to raise the capital now.....

VE3IJD VE3EFX VE3TDF VE3LKD VE3HMZ VA3KMS VE3WUD VE3RHJ VE3TSA VE3VTO VA3DGI VE3TXB  
VE3RTE

Including money from the course we now have roughly 2/3 of what we need to cover the upgrade to Barrie..... 73,good packets,Mr.Sysop

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GEORGIAN BAY AMATEUR RADIO CLUB 80 M NET SCHEDULE

1995/1996 Sundays 9:30 A.M. Local Time, 3.783 Mhz

VE3FFN 11 JUN 1 OCT 21 JAN  
VE3DXO 18 JUN 8 OCT 28 JAN  
VE3HGL 25 JUN 15 OCT 4 FEB  
VE3BFV 2 JUL 22 OCT 11 FEB  
VE3DKF 9 JUL 29 OCT 18 FEB  
VE3FFN 16 JUL 5 NOV 25 FEB  
VE3VTO 23 JUL 12 NOV 3 MAR  
VE3RHJ 30 JUL 19 NOV 10 MAR  
VE3DIQ 6 AUG 26 NOV 17 MAR  
VE3HXX 13 AUG 3 DEC 24 MAR  
VE3FFN 20 AUG 10 DEC 31 MAR  
VE3BFV 27 AUG 17 DEC 7 APR  
VE3BZC 3 SEP 24 DEC 14 APR  
VE3IJD 10 SEP 31 DEC 21 APR  
VE3VTO 17 SEP 7 JAN 28 APR  
VE3DIQ 24 SEP 14 JAN 5 MAY

Send changes to Walter, VE3FFN@VE3IJD



GEORGIAN BAY AMATEUR RADIO CLUB

1995 MEMBERSHIP LIST

CURRENT AS OF 24 MAY 1995 - 60 MEMBERS

Sorted by callsign suffix

VA3ACI	MARVIN WALSH	99 MILL ST. BOX 98 TARA	NOH2N0	934-2383
VE3AEO	TED SCARROW	308 12TH ST W. OWEN SOUND	N4K3V4	376-9004
VE3BFV	JIM HARRON	RR#2 KEMBLE	NOH1S0	371-1209
VE3BZC	ROSS MILLS	136 6th AVE W. OWEN SOUND	N4K6C8	371-4326
VA3CJM	JIM MCLAREN	BOX 1011 OWEN SOUND	N4K6H6	376-2835
VE3CRV	JIM VAMPLEW	BOX 324 OWEN SOUND	N4K5P5	376-4951
VE3CUV	ROSS SNIDER	BOX 31 THORNBURY	NOH2P0	599-3870
VE3DIQ	BILL DOWKES	764 3RD AVE W. OWEN SOUND	N4K4P3	376-1921
VE3DKF	JIM FOOTE	49 EMERSON AVE, SAUBLE BEACH	NOH2G0	422-1769
VE3DLH	JERRY HUGHES	GENERAL DELIVERY PRICEVILLE	NOC1K0	924-2287
VE3DQC	DAN HANINGTON	BOX 281 OWEN SOUND	N4K5P5	372-1491
VA3DRB	BOB MACDAIRMID	RR#1 THORNBURY	NOH2P0	599-2710
VA3DSI	DAVE STROBEL	BOX 771 DURHAM	NOG1R0	369-2403
VE3DTS	JACK AVIS	RR#6 WIARTON	NOH2T0	534-0151
VE3DXO	DAVE DIXON	BOX 265 MARKDALE	NOC1H0	363-3307
VE3FFN	WALTER STOYKO	RR#1 PROTON STATION	NOC1L0	923-3544
VE3FOY	MIKE HESLIN	RR#2 KEMBLE	NOH1S0	376-9415
VE3HGL	HAROLD ROLFE	BOX 93 SOUTHAMPTON	NOH2L0	797-5389
VE3HIO	RICK SLACK	RR#7 OWEN SOUND	N4K6V5	371-0463
VE3HMZ	BILL CLIFFORD	509-850 6TH ST E. OWEN SOUND	N4K5T7	376-3548
VA3HUD	ADEN SEAMAN	RR#1 OWEN SOUND	N4K5N3	371-3439
VE3HXX	IAN SUTHERLAND	1775 9TH AVE E. OWEN SOUND	N4K3G6	371-7739
VE3IBI	MORRIS WILKINS	RR#5 WIARTON	NOH2T0	534-2329
VE3IDS	DON RICHARDS	RR#3 OWEN SOUND	N4K5N5	371-3895
VE3IJD	GENE MCDONALD	RR#4 TARA	NOH2N0	934-2380
VE3IOD	GARY BELL	10-945 9TH AVE W. OWEN SOUND	N4K4N8	376-4525
VE4IST	IAN TRENHOLME	18 SHAKESPEAR BAY WINNEPEG MB	R3K0M6	
VE3IXG	DOUG HAMES	RR#1 PROTON STATION	NOC1L0	923-2387
VA3JRF	JOHN FOX	RR#2 TARA	NOH2N0	934-2389
VA3KMS	KEN SLACK	645 4TH ST "A" E. OWEN SOUND	N4K1C2	371-1456
VE3LKD	BOB DROINE	242 7TH ST E. OWEN SOUND	N4K1H9	371-2257
VE3LPD	LAVERNE WYVILLE	BOX 365 MEAFORD	NOH1Y0	986-3731
VE3MTG	LARRY WEDOW	548 21ST AVE. HANOVER	N4K3H4	364-2836
VE3MTV	NORM BIGGAR	RR#2 OWEN SOUND	N4K5N4	376-0247
VE3MWU	NICK KLAASSENS	RR#3 HEPWORTH	NOH1P0	935-2494
VE3NBJ	NORM PRATT	RR#7 OWEN SOUND	N4K6V5	371-4457
VE3NEM	TOM MERNER	RR#7 OWEN SOUND	N4K6V5	371-9499
KAIQU	JACK KISSINGER	RR#2 KEMBLE	NOH1S0	372-9359
N1QCM	HEATHER KISSINGER	RR#2 KEMBLE	NOH1S0	372-9359
VE3RHJ	BRAD RODRIGUEZ	RR#7 MARKDALE	NOC1H0	986-4266
VA3SEA	JACK SEAMAN	RR#1 OWEN SOUND	N4K5N3	371-3439
VE3TFQ	JIM ROWE	BOX 707 DURHAM	NOG1R0	369-2622
VE3TSA	TOM ST. AMAND	1232 3RD AVE E. OWEN SOUND	N4K2L5	371-9805
VE3TTV	HENRY VANDERHEIDE	209-450 28th ST W. OWEN SOUND	N4K5X9	371-0467
VE3TUK	RUSS LEES	BOX 1461 PORT ELGIN	NOH2C0	832-6779
VE3TUP	KLASS VANDERHEIDE	BOX 707 DURHAM	NOG1R0	369-2622
VE3TUQ	AUBREY ALDERDICE	RR#4 MEAFORD	NOH1Y0	538-3839
VE3TUS	BARRIE DOHERTY	RR#2 MARKDALE	NOC1H0	986-3845
VE3TWI	OKKE BOS	769 6TH ST "A" E. OWEN SOUND	N4K1H4	376-5473
VE3TWK	JACK DOHERTY	2805 3RD AVE W. OWEN SOUND	N4K4T1	376-3440
VE3TXB	JOHN APSITIS	750 DURHAM RD E. DURHAM	NOG1R0	369-2336
VE3TYL	JIM LYTTLE	RR#2 SHALLOW LAKE	NOH2K0	371-1796
VE3UIC	JASON MCDONALD	RR#4 TARA	NOH2N0	934-2380
VE3UWD	HENRY OLSEN	373 12 AVE. APT 4 HANOVER	N4N2T4	364-1544
VE3VTO	DON SLOANE	RR#1 MAR	NOX1X0	793-3523
VE3WNW	BILL WALPOLE	754 6TH ST E. OWEN SOUND	N4K1G7	371-4206
VE3WUD	RICHARD WELSH	RR#2 ALLENFORD	NOH1A0	934-0320
VE3XKM	STEVE SHARPE	P.O. BOX 362 DURHAM	NOG1R0	369-3533
N5ZIK	JACK FARMER	2031 8TH AVE E. OWEN SOUND	N4K3C5	376-3210
SWL	STAN GUZONAS	BOX 11 FLESHERTON	NOC1L0	924-2473



Here are a few of the results of the questionnaire I sent out.  
I received 17 replies.

\*WHICH CLUB ACTIVITIES ARE OF INTEREST:

MEETINGS 15	BREAKFAST 6	2M NET 12	80M NET 7
HAMFEST 7	SANTA CLAUS PARADE 2	TOURS 10	RADIO COURSE 5
FOX HUNT 2	FIELDDAY 13		
CORNER JOTA			

\* FAVOURITE CLUB ACTIVITIES:

FIELDDAY 5	HAMFEST 1	GETTING TOGETHER FOR AND REASON 1
MEETINGS 4	BREAKFAST 3	NETS 1 RADIO COURSE 1

\* LEAST FAVOURITE CLUB ACTIVITY:

SUNDAY MORNING NET 1	MEETINGS 3	LENGTHY BUSINESS AGENDA 1
POLITICS 1		

\* DO YOU LIKE THE STYLE AND CONTENT OF FEEDBACK: ALL YES

\* WHAT OTHER TOPICS WOULD YOU LIKE TO SEE COVERED:

DX STORIES 1	HAM PROJECTS/DESIGNS 1	LETTERS TO THE EDITOR 1
PERSONAL STORIES OF ENTRY INTO RADIO 1	ANTENNA/BALUN PROJECTS 1	
PHOTOS OF MEMBERS SHACKS 1	FOR SALES 1	
FORTHCOMING MEETING AGENDA 1	SHORT FREQ LISTS AND BANDPLANS 1	
QRP/SWL/CONTESTS 1		
A WRITE UP AND PICTURE OF EACH FOUNDING MEMBER THEN CONTINUE WITH THE REST 1		

\* COMMENTS ABOUT CLUB MEETINGS:

SHORTEN UP THE MEETINGS  
DELETE THE MINUTE READING  
MEETINGS EVERY 2 MONTHS  
ANY ITEMS VOTED ON WOULD VOTED AND PASSED AND NOT REHASHED AT THE  
NEXT 4 OR 5 MEETINGS  
START PROMPTLY AT 19:30  
REFRAIN FROM TALKING WHEN ONE HAS THE FLOOR  
A COMMITTEE OF 3 OR 4 TO GET TOGETHER TO PLAN INTERESTING AGENDAS  
ARRANGE CHAIRS SO THAT THEY FACE THE EXECUTIVE  
LESS TIME SPENT ON BUSINESS. MORE TIME FOR SOCIAL GET TOGETHER.

\* WHAT KIND OF PROGRAMS WOULD YOU LIKE TO SEE AT CLUB MEETINGS:

MORE THE PROGRAM PART OF THE MEETING MORE TECHNICAL  
HAVE A TIME DURING THE MEETING CALLED "CONTACTS" WHERE ANYONE CAN RELATE A  
STORY ABOUT AN INTERESTING CONTACT THEY HAD.  
PROGRAMS TO UPGRADE OUR NOVICE LICENCEES.  
ANTENNA BUILDING  
ENCOURAGE MEMBERSHIP IN RAC  
PRACTICAL HELP GETTING STARTED WITH DX, HF, SSTV, EME  
SWAP MEETS  
DISCUSSION ABOUT ARTICLES PRINTED IN FEEDBACK.  
GUEST SPEAKERS ON VARIOUS TOPICS.  
2 MTR REPEATER LINKING PROCEDURES.  
ELECTRONIC THEORY.  
NEW PRODUCT/USED PRODUCT INFO  
EMERGENCY COMMUNICATIONS PROCEDURES.

\* GENERAL COMMENTS:

A CLUB CONTEST IE: CQWW ETC OR A SPECIAL EVENT STATION  
I WOULD LIKE TO VISIT OTHER MEMBERS SHACKS  
TED SCARROW WOULD LIKE TO SEE A COMMITTEE TO HELP OUT OLDER MEMBERS DO  
THINGS THEY ARE NO LONGER ABLE TO DO THEMSELVES.  
THERE HAS BEEN A CONTINUOUS AND UNBROKEN SERIES OF NET CONTROLLER ROSTER  
LISTS FOR THE SUNDAY AM NET SINCE THE CLUB COMMENCED IN 1973 .....  
EXCEPT FOR THIS YEAR ..... DISAPPOINTING!!!  
WE SHOULD SET UP SOME KIND OF EMERGENCY STATION.  
TO SET A GOAL AS TO OWNING A CLUBHOUSE WITH ROOM FOR MEETINGS AND PERMANENT  
SETUP OF EQUIPMENT FOR TEACHING PURPOSES.  
CONTINUE WITH PACKET AND RADIO COURSES.  
DECIDE WHERE WE WILL HAVE OUR BREAKFASTS... EITHER HARVIE'S OR ROCKFORD,  
BUT NOT BOTH.  
THE BUSINESS MEETING SHOULD BE NO LONGER THAN 20-30 MINUTES, WITH THE REST OF  
THE TIME ALLOTTED FOR DISCUSSION BE IT TECHNICAL OR OTHERWISE.

Subject: Club Meeting Agenda

The next meeting of the Georgian Bay Amateur Radio club will be Tuesday, ~~JUNE~~ 27th, at 7:30 pm sharp, at the Billy Bishop Regional Airport in Owen Sound (east of Owen Sound on Hwy. 26).

AGENDA

7:30 CALL TO ORDER  
REPORTS

Secretary - Richard VE3WUD (minutes of last meeting)  
Treasurer - Tom VE3NEM  
Bulletin Editor - Tom VE3TSA  
Program Director - Dave VE3DSI  
Technical Director - Rick VE3HIO  
Packet Administrator - Ken VA3KMS  
Course Coordinator - Jack VE3TWK  
ARES Coordinator - Steve VE3XKM  
Flea Market - Bob VE3XOX  
Field Day - Gene VE3IJD

7:45 OLD BUSINESS (if any)  
NEW BUSINESS

8:00 PROGRAM

Our guest speaker is Mark Steffen, owner of Wingham On-Line, a provider of Internet services. The Internet has been in the news a lot lately -- Mark will be describing how it works, what it can do, and how you can get connected. He'll also demonstrate some of the computer programs used to navigate the Internet. This should be an interesting talk, so come early and get good seats!

9:30 50-50 DRAW  
ADJOURN

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GBARC 2MTR NET ROSTER  
THURSDAY EVENINGS 8:00 P.M.  
1995/1996

VA3DSI	JUN 22	SEP 14	DEC 7
VA3KMS	JUN 29	SEP 21	DEC 14
VE3TWI	JUL 6	SEP 28	DEC 21
VE3IOD	JUL 13	OCT 5	DEC 28
VE3WUD	JUL 20	OCT 12	JAN 4
VE3DXO	JUL 27	OCT 19	JAN 11
VE3FFN	AUG 3	OCT 26	JAN 18
VE3BZC	AUG 10	NOV 2	JAN 25
VE3TTV	AUG 17	NOV 9	FEB 1
VE3TSA	AUG 24	NOV 16	FEB 8
VE3RHJ	AUG 31	NOV 23	FEB 15
VE3IJD	SEP 7	NOV 30	FEB 22

MESSAGE FROM THE EDITOR:

WELL HERE WE ARE AGAIN, THE LAST FEEDBACK TILL SEPTEMBER. I HOPE EVERYONE HAS A NICE SUMMER AND WE ALL MEET AGAIN IN GOOD HEALTH AFTER THE KIDS ARE BACK TO SCHOOL. 73 FOR NOW....TOM VE3TSA