

# QUINTE AMATEUR RADIO CLUB INC.

P. O. Box 23039, Belleville ON K8P 5J3

Q. R. M.

## M E E T I N G

DATE: Wednesday, October 20, 1993

TIME: 7:30 p.m.

LOCATION: Room P1 Pioneer Building  
Loyalist College

PROGRAM: Al Taylor VE3WV will give us a talk about  
the placing of the antenna system on the top  
of the CN Tower in Toronto.

### SILENT KEY

It is with great sadness that I have to announce that Art Lines of  
Campbellford became a Silent Key on October 8, 1993.

### THOMASBURG'S TOP COP WINS AWARD

OPP Constable Jim Eadie (VE3DCX) is not a typical police officer. He is often to be found playing his guitar and singing for local school-children, Scouts, Guides, youth groups, senior citizens, and service clubs. He also does presentations on clues and detective stories for the same group. It's a subject Jim knows about. He works in the identification services unit at Belleville OPP District Headquarters.

The Napanee native, who now lives with his wife and two children at RR#1, Thomasburg, is also active at St. Andrew's Presbyterian Church in Tweed where he is a member of the choir, chairperson of the board and a children's storyteller.

On April 16, the Imperial Order of the Daughters of the Empire (IODE) recognized Jim's achievements by awarding him with their Ontario Police Community Relations Award in London, Ontario. The award is given annually to a police officer in Ontario who demonstrates exceptional service to his or her community above and beyond normal duties.

The presentation was made to Jim at the IODE's annual meeting. In addition to his work with his church and youth groups, Jim's award also recognizes his other volunteer work. He is a board member of the Madoc COPE corporation which supplies workshop and life skills training for mentally handicapped adults.

One cause close to Jim's heart is the Co-ordinating Committee Against Domestic Violence in Belleville, for which he is secretary.

DCX  
Teaching at  
course.

- course on schedule.

- Build code oscillator for duration to course.

\* Bot SCOTTS on the air - SHORT NOTICE

- 6EL ASM - MEXICO STATION

- G.O.T.A.

LOOKING FOR TALK  
(SOMEONE TO MAKE UP  
TALKS ??)

LAST SAT - Dave CUB MEXICO  
CUB TRAMP  
+ Dave SCOTTS

- Jim DCX Teaching Course

- Build code OSC for

- Tutor (or TAPES?)

- J.O.T.A. LAST SAT - SHORT NOTICE

- Dave CUB LAST SAT.

- CUB TRAMP + SCOTTS.

- SMO ECU ASSISTED

- GEIASH MEX CITY OFFICIAL STATION

- GAMES ON THE AIR FEB ??



Jim received a \$500.00 cheque to be donated to a charity of his choice as part of his award. He chose to give it to the Sexual Assault Centre for Quinte and District. On May 12, Mandy Bonisteel accepted the cheque on behalf of the centre.

"The staff at the centre are the most committed and dedicated volunteers I know of," says Jim.

To fill in his copious amounts of spare time, Jim is active with the Hastings Board of Education Concert Choir Parents Support Group.

He is also part of the National Traffic System (a group of amateur radio operators who work with the Red Cross and other agencies to provide local and international communications during emergencies). Jim participates in the Annual Tweed Community Christmas.

He also worked with Grace United Church in Napanee in the production of the 150th anniversary book and on the copying of the church photo collection for inclusion in the county museum files.

Jim Eadie is a non-stop top cop.

Reprint from the Community Press May 18, 1993

#### DIRECTORY CHANGES

VE3WYL Change the address to R.R. 1 Bancroft, Ont. KOL 1C0 613-332-4532

VE3UHB Remove listing this is an incorrect call

VE3SQF Add to list Bob Townsend R.R. 1 Carrying Place KOK 1L0 613-394-2682

VE3WSG Add to list Mandy Townsend R.R. 1 Carrying Place KOK 1L0  
613-394-2682

VE3VTJ Add Dave Sharpe 414-209 Dundas St. W. Belleville Ont. K8P 1B4  
613-968-2103

VE3UKL Add Bradley Hoard Po Box 1115 Bancroft Ont. KOL 1C0

VE3KCL Add David Beverstein R.R. 2 Coe Hill Ont. KOL 1P0

VE3NWC Add Jennifer Kennedy C/O Joan Vickers R.R. 2 Coe Hill Ont. KOL 1P0

VE3AXG Add Cameron N. Rodgers R.R. 1 Apsley Ont. KOL 1A0

VE3CHL Add Peter Penner R.R. 1 Apsley Ont. KOL 1A0

*ROLAND.* VE3COW Add Brundle Rowland Box 149 Alsley Ont. KOL 1A0

VE3MKH Add Herb Wilson Box 123 Apsley Ont. KOL 1A0

VE3OCC Add John C. Chapman R.R. 1 Apsley Ont. KOL 1A0

VE3XCR Add Jim Smith R.R. 3 Stirling Ont. KOK 3E0 613-395-0854

VE3XGR Remove Art is a SILENT KEY October 8, 1993

#### For Sale

Heathkit SA 2040 Transmatch and a AM2 (HF) SWR Bridge. \$100.00 for the pair.

Heathkit HM 102 Power Meter Price \$50.00.

Contact John Lester VE3MB Phone 613-966-6592

#### Financial Report

Ballance Forward		1,244.90
Expences for July & August	225.57	
Deposit for August	47.36	
Balance		1,066.59
Expences for Sept.	226.42	
Deposits for Sept.	<u>653.00</u>	
Ballance		1,493.17
True Balance		1,193.17

\$300.00 is from Trust Account should not be shown in the Club balance.  
It is from the Reg Varco Award Fund. Under the new rules of the INC  
We can only have one bank account.

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## A Code-Practice Set

A simple oscillator like the one following may be built using a 555 timer and a few extra parts. The printed circuit for the oscillator is made from a 2-inch square piece of pc material but the IC could have been placed on a piece of Masonite, Formica or some other insulating material. Point-to-point wiring may be used. The circuit is housed in an enclosure that provides room for a battery of almost any value between 4 1/2 and 18 volts. The speaker is attached to the front of the enclosure. Any speaker in the range of 4 to 50 ohms will work well and may be salvaged from a discarded transistor pocket radio.

The circuit shown costs approximately five dollars to build. R2 is made from one fixed value resistor chosen to give a pleasant tone. The volume control could be removed altogether (placing the speaker at the negative side of C3) or be replaced with a pair of resistors equalling about 10,000 ohms. The speaker should be connected between the junction of these resistors and ground. An off-on switch should be used to disable the oscillator when it is not in use.

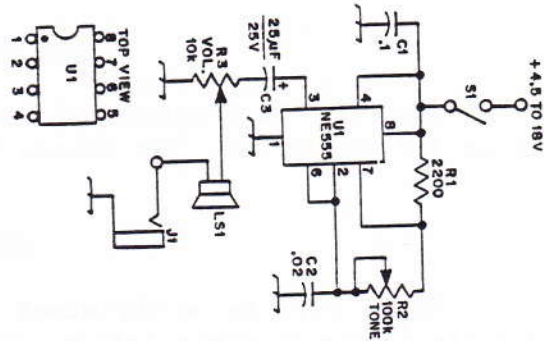
The audio pitch is determined by the values of R1, C2 and the setting of R2. The cost of the oscillator may be reduced somewhat by replacing R2 with a fixed value of resistance; R3 could be replaced by a fixed value resistor. If this is done, the speaker must be connected to the junction of C3 and R3.

When power is applied the oscillator runs continuously and the audio output is keyed on and off. This circuit gives a degree of freedom from chirps or whoop-like sounds when rapidly keyed. However, the circuit always draws about 6 mA of current when operated. If a small battery, such as those used in transistor portable radios, the

battery could quickly be discharged, so a means of disconnecting the power should be used, such as a spst switch, as shown at S1.

If facilities are not available for etching a board, point to point wiring will work just as well, and perforated board stock is a suitable material to be used. If a builder does not want to solder directly to the IC leads an 8-pin IC socket can be used, making all connections to the socket.

Schematic diagram for the code oscillator. Resistance is in ohms,  $k = 1000$ . The  $0.1 \mu F$  capacitor is a disk ceramic. U1 is a 555 IC timer.



## DIAL THE RIGHT AREA CODE

Don't forget that Southern Ontario telephone subscribers get a new area code on Monday the 4th of October 1993. The 416 area code becomes 905 with the exception of Metro Toronto which stays 416. An easy way to remember this is that if the postal code begins with the letter M the area code remains 416.

## NOVEMBER MEETING

VE3BGY Doug Hinton will give us a talk called The Way It Was. The door prize for November will be a Flashlight.

### Code Practice

There will be Code Practice on 3.560 Wednesday, Thursday, and Friday morning at 8:45 am. This practice is being conducted by Horace VE3LGQ and Darren VE3SOA. Everyone is welcome to either just listen or to jump in and join the QSO.

There will also be practice on 28.100 held every day at 8:30 pm everyone is welcome to participate.

### New Repeater

I hope that by the time that you read this that the new repeater at Coe Hill will be up and operating. This repeater is on 145.490 down 600, and its call sign is VE3YAC. It will be linked with several other systems. More info as i

### From our last meeting

It was discussed at the last meeting that our directory be limited to just amateurs that are located in the limited area of Quinte. It was decided by the members present that all amateurs that can be contacted on any of the repeaters we can talk to can be included in our directory

### WANTED

We are looking for a volunteer to help a blind person who is studying for his licence. This person lives in Deseronto. If you want to help please contact Tim VE3UO.

### From the last newsletter

The shift in frequency of the Tweed Repeater has now been made you can find it at 147.120 up 600. The change was made October 5, 1993.

### CHRISTMAS DINNER

There will be a Christmas Dinner again this year. There will be more details in the November letter. The door prize for the November meeting will be two Christmas Dinner Tickets. The dinner will be held at The Hollyrood, December 15th. More information at the meeting or in the November news letter.

### More Help Wanted

I am still looking for help. I would like to see submissions from members for inclusion in our newsletter. Sometimes it is quite difficult to come up with enough things to put into it. Your help will be greatly appreciated.

### MUCH MORE HELP WANTED

Tim VE3UO would like some of our members to construct and donate a code oscillator like the one shown above. This would help in the instruction at our Radio Course.

### Donation

We have had a request from Belleville General Hospital for a donation to the CatScan fund. The executive decided that we would take up a collection at the October meeting and send that as our donation.