





OSHAWA HIGHLAND GAMES

Our services will not be required by this organization in the future, as they plan to enlist the services of commercial operators.

RE: PROPOSED CITY OF OSHAWA BY-LAW WITH RESPECT TO THE  
INSTALLATION OF DISH ANTENNAE.

Last year we expressed our concern to the City with respect to the above proposed by-law and pointed out that we are governed and licensed by Federal Statute. While as far as we know, the by-law has not as yet become law, our concern has been noted and we will almost certainly be exempted from restrictive legislation.

A TIMELY REMINDER

From the "Section News", QST, Ontario, September issue a timely reminder from our Section Manager, LARRY THIVIERGE VE3GT "AMSAT asks that you not forget that an unofficial "protected zone" exists on several bands in order to shield Amateur Satellite Operators. All amateurs are urged to avoid terrestrial communications from 29.3 to 29.5 MHz., 145.8 to 146.00 MHz. and 435.0 to 435.5 MHz. All of these sub-bands are used for satellite communications and unlike your station and mine, a satellite transponder cannot QSY to a clear channel. Your co-operation is appreciated."

ONTARIO DX ASSOCIATION

Members have been invited to join the above association. Information may be obtained by contacting  
The Ontario DX Association,  
3 Camrose Cres.,  
Scarborough, Ontario,  
M1L 2B5.

COPIES OF THIS BULLETIN HAVE BEEN SENT TO THE FOLLOWING;

MURIEL FOISY, VE7LQH,  
Canadian Ladies' Amateur Radio Association,  
RR#1 Pender Island,  
British Columbia,  
VON 2M0.

Toronto FM Communications Society Inc.,  
P.O. BOX 427,  
Willowdale, Ontario,  
M2N 5T1.

CHANGE OF ADDRESS

STEVE HOLLAND, VE3LLD  
27 AVONLEA RD.  
LEASKDALE, ONT.  
LOC 1C0.

We regret to inform you that BOB, VE3LLZ, one of our most active members not only "on the air" but also in many of the club's field activities, lost his wife, JOYCE, recently. We should like to express our sympathies to BOB at this time.

VE3CNE, 1985 - N.S.A.R.C.. CONTRIBUTION - AUGUST 28 AND 31.  
COMMENTS AND SUGGESTIONS

AUGUST 28 OPERATORS  
 JACK VE3SJ  
 DOUG VE3MKC  
 CHARLIE VE3IBO  
 HUGH VE3EVJ  
 BILL VE3NTI  
 RAY VE3OUB  
 BILL N4LEC/VE3  
 JOE VE3IHS

AUGUST 31 OPERATORS  
 JACK VE3SJ  
 RAY VE3OUB  
 TOM VE3HWI  
 HUGH VE3EVJ  
 JOE VE3IHS  
 BILL N4LEC/VE3  
 RALPH VE3CRK

COMMENTS

All equipment at the station (VE3CNE) worked well and except for the Heathkit 9000 was easily tuned and adjusted mainly because it was older equipment and operators were familiar with it. The Heathkit was unfamiliar to most operators but did perform well once the operators became familiar with its features.

The Video Recorder worked well except that someone inadvertently pushed the Record button erasing some of the tape. The Tab had been left in place on the cassette. It was removed Saturday, August 31 by a Metro Toronto club member.

The Packet Radio was a poor performer due mainly to the fact that there were no Packet Radio Operators on the day we were present. Finally on Saturday, the Monitor A.V. system broke down leaving us without Packet Radio.

Concerning the visitors to the station. There were lots of enquiries for Amateur Radio Classes, Clubs and great interest was shown in the Hal Keyboard. A lot of the younger people seemed to favour the keyboard over the straight key which was beside it. There were a number of retirees who were interested in becoming operators; this augers well for this particular hobby.

The hand-outs including DOC, TRC24-25, TCA and Toronto Board of Education brochures, the latter of which offers 3 courses in Amateur Radio. There were a number of operators who asked to operate and with reasonable identification were allowed. It was a worthwhile experience and most enjoyable. Out of it came the following suggestions for next year's VE3CNE.

SUGGESTIONS

- 1) that we try to make our station look a little more attractive eg. hanging models of Amateur Satellites
- 2) A World Map
- 3) a Message Counter with a supply of message forms, Traffic Nets and Call Books. This would allow us to organize message handling on the nets for the public.
- 4) send out or organize our own QSL cards - have a supply of VE3CNE cards on the station.
- 5) a directory of all clubs in the area and surrounding regions
- 6) Repeater Directory - 2 meters and others
- 7) Literature in general for training classes etc.
- 8) pencils, pens pencil sharpener
- 9) familiarization seminar for all station managers on equipment and procedures shortly before the Ex opens
- 10) that operators be encouraged to bring their own keys or keyers since a key is sort of a personal thing
- 11) that it be possible to ground all equipment (isolation transformers do not provide adequate grounding)
- 12) a second 2 meter antenna be installed on top of the building
- 13) Is it possible that we could have our own quarters and have the support of the Vendors of Ham Equipment?

There are other suggestions such as posting instructions and phone numbers in more prominent locations. These are points to consider for the next Ex not criticisms.

JOE,VE3IHS.

FROM THE EDITOR'S DESK

This issue has come to you from our new location, the very fine adult retirement park, Sutton-by-the-Lake just east of Sutton on highway 48. There are another three hams here in a community of just over a hundred homes.

We are encountering some difficulties as we are not living in our home as yet and will not do so for another two weeks or so. This issue is being prepared in our trailer. I have not been able to communicate with the club members and have relied upon BART, VE3HIY of the park here who was able to contact JOE,VE3IHS. The latter drove from Oshawa on Friday, September 27 and brought information about the club's recent activities.

JOE, as Vice-president, has continued to work extremely hard for the club and this issue could not have been prepared without his support.

If you wish to mail information for next month's issue, write:

BILL FORTUNE, VE3NTI,  
RR#2, P.O.BOX H 100  
Sutton West, Ontario,  
LOE 1R0.

CRRL NEWS

You should know that JACK RAVENSCROFT VE3SD is being sued by a neighbour for \$35,000.00. The latter complained that JACK's 20 metre transmissions repeatedly turned on a microwave oven and spoiled the sound from an electric organ. BOB BENSON, Q.C., VE2VW has supplied legal background and Director RAY PERRIN, VE3FN has filed an affidavit in JACK's favour. Ottawa ARC has set up a defence fund to which you are invited to contribute.

Dear Ed [Taylor]

As promised, I am sending along a copy of my article on a CW Traffic Net, namely the Grey Bruce Slow Speed Net GBSSN. You may use in the N.S.A.R.C. Bulletin. A copy of the article has been forwarded to the Editor of T.O.A. the RSO Journal. I did a similar article based on the Open Line Net which was used in the February issue, 1984 of the T.O.A.

I have been interested in traffic handling from the days when I first obtained a ticket in 1935, VE3PI after World War I, was a VE2 in the Montral area and it was there that I became interested in Traffic Nets. I have Net Certificates for the Open Line Net, the Grey Bruce Net, and the ONTARIO SOUTHERN NET also an Official Relay Station appointment.

Incidentally the seed of thought which created the American Radio Relay League occurred whe HIRAM P. MAXIM, ARRL's first president, wanted to get a message to one of his amateur friends, at a time when the conditions were bad so he asked an intermediate amateur station to relay the message to his friend. So message handling was the reason for getting the amateurs together into an organization which has preserved our hobby over the years.

73

AL VE3WV

LET'S PASS A MESSAGE ON THE TRAFFIC NETS

GBSSN GBSSN GBSSN DE VE3DPO GREY BRUCE SLOW SPEED TFC NET QND PSE QNZ DE VE3DPO GBSSN GBSSN GBSSN DE VE3DPO QTC? QNI K

Does the above look strange, especially those QN signals? These are the QN signals used by the CW traffic nets in the U.S.A. and Canada. They are only used in the CW net operation and speed the operation of the net and handling of message traffic, which is the purpose of the net. VE3DPO, REG GIBBS in Hanover is the Net Manager and in the case shown above he is acting as the Net Control Station. The Grey Bruce Slow Speed Net is a training net and handles message traffic on CW; it operates Daily at 6:15 p.m. Local Time. At 6:30 it is followed by the GBN or simply the Grey Bruce Net and also a later session of the GBN at 10:00 p.m. The Net operates ofn 3645 KHz.

Now taking the above from the start, you can see that the GBSSN is being called by the Net Control Station or NCS. QND is likely a new one to you, it simply means 'This is a Directed Net'. On a Directed Net, once you have checked in and been acknowledged, you do not transmit unless directed by the Net Control Station, or until the net is QNF, free or finished. This avoids confusion and interference with each other. PSE QNZ, means please ZERO BEAT THE Net Control Station. In this way, all net stations will be able to hear each other if they are within range. QTC? of course is one of the International Q' Signals; the question asking if you have traffic and how much and where to. QNI , another of those QN signals means check into the net and is followed by the letter K, the invitation to transmit.

To check into the net, all that is necessary is to send a letter or two of your call sign. Suppose your call is VE3ABC, any one of the letters ABC would be suitable. The NCS will acknowledge that you were heard by sending the letter you have just sent; you continue with DE VE3ABC GE REG QNI QRU AR. Let's suppose you have one message for HANOVER; it goes like this: DE VE3ABC GE REG QNI QTC HANOVER 1 AR. When you are checking into the net but have no traffic yourself, QNI is followed by QRU and AR.

The NCS comes back with your CALL SIGN DE his own CALL SIGN followed by AS, the wait or standby signal. If this is the first time you have checked into the net, the NCS will ask for your name and QTH. Otherwise you do not transmit again till the NCS calls you. The NCS will continue calling QNI K or GBSSN DE QNI K until there are no more stations calling in with traffic. He makes a list of all stations in the net and those with traffic; he lists how much and the destination. If it is a busy session some stations will be directed by the NCS to transmit their traffic up or down 5 or 10 KHz from the NET frequency.

In this particular case the NCS will call you when he has a bit of time and indicate he is ready to take the HANOVER tfc. As mentioned in this article Reg's QTH is HANOVER; he is acting as net control. NET CONTROL stations do not leave the NET frequency; they must remain there so the others know where they are. So he will call VE3ABC DE VE3DPO QNK HANOVER HR QRV. QNK means to transmit your traffic and HR means on the NET frequency. QRV is another standard Q signal meaning he is ready to copy. You do not have to call the NCS; you have already done this at the beginning when you checked into the net and were requested to stand by, so HR NR 1 R VE3ABC CK UR QTH DATE followed by the address of the person to whom it is going followed by the text of the Message and Signature AR N.

If conditions have been ideal REG will come back with QSL NR 1. However, he may have been QRM'd by some one close or QRN'd with atmospherics and for example may have missed your word count or CK. He will come back with WA VE3ABC which simply means repeat the word after VE3ABC. After sending your message and having it acknowledged, you remain on frequency until you are excused by the NCS. If he has no traffic coming your direction he will say VE3ABC QRU QNX TU. This means VE3ABC since you have no traffic and the net has no traffic for you, you are excused and TU of course is Thank you.

Before your first time checking into a net, you should listen to The NET and see how it operates. Also read up on proper message format and the way of counting the words in the TEXT only. You can obtain a convenient operating aid from C.R.R.L. by requesting operating aid CD218. This has the outline of the message form, description of the message parts and the QN signals and common Q signals as they are applied to AMATEUR use.

AL, VE3WV.

# Things to come—A cautionary tale

8

by LES MITCHELL, G3BHK\*

OUR LITTLE GROUP of local ex-service G3 types often meets for a drink in the snug of the old coaching inn down by the riverside. Discussion ranges far and wide, but as one might expect revolves mainly around our wartime experiences and, of course, amateur radio.

Recently someone pointed out that he had not heard Bill on the bands for some time. Bill had obtained his licence immediately after the war and had spent every available moment chasing dx or chatting to his friends on 3.5MHz. Since he retired a few years ago he had spent even more time on the air, and it was very unusual not to hear him working on some band whenever one listened. When we compared notes we suddenly realized that no-one had heard Bill's signal for over six months.

"You live nearest to him," said Joe, "why don't you drop in and see what has happened. Let's hope he is not a silent key, but I am sure we would have heard something if he had passed on."

A few days later I knocked at Bill's door, rather worried that I might be faced by a tearful and grieving widow. The door swung open to reveal Bill with a big grin on his face, and looking fitter than I had ever seen him. Within a short time I was sitting in an armchair with a full glass in my hand and explaining why I had called.

"Well," said Bill, "it is a long story. You see just after I retired a relative of mine died and left me a useful sum of money. As you know, all my rigs were getting quite old, so I jumped at the chance to completely renew all my station equipment.

"First of all I purchased one of those Sky-Gain automatic aperiodic multi-band beams plus the computer controller. This array works on all bands and the computer turns the array to the maximum signal path without any effort on the part of the operator. I mounted this on my old 100ft tower and it was fantastic!

"Then I invested in the very latest transceiver, the Fuji Yama FJ 20,001, which covers all bands 1.8MHz to uhf with full legal power and no tuning whatsoever. To supplement this I also bought two computerized attachments—one which enables you to enter all the call prefixes of the

countries you have worked already on each band, and then commands the transceiver to hunt each band in turn and only stops when it hears a new prefix. This unit also allows one to program automatic replies—callsign, signal reports, handle, location and requests to QSL etc. It had an additional program which made automatic calls to any of my friends' callsigns it heard on 3.5 and 7MHz. I had to keep these replies updated with the latest news: you know the sort of thing—the car has gone wrong again, I have just mown the lawn, the rheumatism is painful, the income tax people have overcharged me again, etc.

"The second computer unit was the printout attachment which automatically printed the log entries and produced fully-completed QSL cards. So you see I could just leave the rig on 24h/day and it would work the rare dx and also chat to my mates on 3.5MHz without me going near it except to add more printout paper and blank QSL cards. Apart from a trip to the post office every day to post the QSLs, it left me time for decorating, car cleaning, gardening and after-meal naps.

After it had been on the air continuously for about a month I discovered I had worked every dx station which existed, and even my friends on 3.5MHz were not replying to my calls—I expect they did not like the impersonal touch. Then I suddenly realized that this new rig had utterly and completely destroyed my interest in amateur radio. Even the walk to the post office was boring me, and the parcel post costs were also becoming a strain. So I then made the decision that after nearly 40 years on the air it was time to give up my hobby. I sold the rig, and with the money bought the xyl all the labour saving gadgets I could find—a washing machine, a microwave oven, a food processor, a dishwasher etc. Now she has as much spare time as me so we have taken up golf. It's very relaxing and gets us out in the fresh air. In fact we are spending more time together than we have done since we were courting!"

Bill and his xyl smiled at each other as she refilled the glasses. When I related this story to the others later there were sad faces all around. "But," I added, "Bill did tell me that he intends to renew his licence every year, so perhaps at some time in the future we shall hear him on again." But remembering just how those two smiled at each other I have my doubts. □

\*28 Darwall Drive, Ascot, Berks SL5 8NB

RADIO COMMUNICATION July 1984

575

## NOTES ON EMERGENCY SIMULATION EXERCISE - SEPTEMBER 18, 1985.

To all who assisted in the exercise - MANY THANKS. This is to include those who saw to it that the repeater VE3OSH was in good operating condition.

The following operators participated:

BERNIE	VE3ATI	COMSONT
CHARLIE	VE3IBO	(Communications
JOE	VE3IHS	Service
HUGH	VE3EVJ	Ontario)

All operators from VE3LLE to VE3HMG were tied into the Durham Region Social Services group known as COMSOC (Communication Services Ontario County). It would appear that an update in these titles would help take the confusion out of the two operating groups.

BOB	VE3LLE
RON	VE3AIY
ROY	VE3OHN

LAURA NORTON	SWL
JOHN MESKES	SWL

EVAN	VE3IND	standby operator
	VE3INB	standby operator
	VE3HMG	emergency power
HARRY	VE3QG	engineer/OSH operations

Not to be forgotten are those who loaned hand-held rigs that greatly assisted in the day's operation.



The alert came at 7:30 a.m. with most of us in operating positions by shortly after 8:00 a.m.

A check-in call was made to all three repeaters VE3s-SPC; XXU and OSH. BERNIE, VE3ATI handles all traffic at the headquarters station. Traffic on the COMSONT net was extremely light. However, the Durham Region Social Services through OSH was extremely heavy all morning handling messages of assistance to school evacuation, area evacuations and the needs of the evacuees. All simulated with the exception of two schools that were evacuated. Statistics concerning numbers of pupils and buses were recorded. Simulated population evacuation carried out keeping statistics of area evacuated and numbers in shelters. Social Services also simulated the needs of these people. Two outstanding simulated messages passed as traffic were as follows:

1) China sent a cablegram requesting that the Pandas at the Zoo be moved if they were in any danger of Radiation Contamination. (From O.P.P. Headquarters, Toronto)

2) An Anti-Nuclear demonstration has broken out at Eastdale Collegiate and threatens to turn ugly. (From Social Services)

There was a minute or two delay on the above message at headquarters as they determined whether it was real or simulated. The reply: "Simulated."

It was a wonderful learning experience which we who took part would like to pass on to the members.

Perhaps, in future, exercises both, Regional and Club sponsored, others will participate.

73

JOE, VE3IHS

FORTHCOMING EVENTS - FLEA MARKETS

Saturday, October 12 - HAMILTON ARC Inc. - 0800 hrs.  
Marritt Hall, Ancaster Fair Grounds  
625 Highway 53 East  
Admission \$2.00  
Over 7,000 sq. ft. indoors  
\$4.00 per table (supplied)  
Hourly draw prizes  
Talk in VE3NCF 146.16 in  
146.76 out

Sunday, October 27 - LONDON ARC - 0900 hrs  
Pot of Gold Bingo Palace  
Hamilton and Gore Roads, London  
Huge indoor Sales Area  
Admission \$2.00 (14 and under, free)  
Talk-in: 52 Simplex or VE3LAC:  
147.66/147.06

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The new 24 MHz or 12 metre amateur band became available as of June 22 last.

