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WAVELENGTH

Official bulletin of
 Scarborough Amateur Radio Club, Inc.
www.ve3we.org

PARTICIPATE – LEARN – ENJOY

November 2013

Volume 7 Issue 5

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Sunday

 Tuesday

 Thursday

 Saturday

SARC Nets

28.730 MHz
 CW 10:00 AM
 SSB 10:30 AM
 147.060 MHz (VE3RPT)
 7:30 PM
 Alternate frequency
 146.520 MHz simplex
 28.730 MHz
 SSB 7:00 PM
 14.125 MHz
 SSB 10:00 AM (VE1EBK)

Everyone is invited to check in on CW before the nets start.

These are open nets. All licensed hams are welcome. Come and join us.

We also want to emphasize that 28.730 MHz is our calling frequency. Please monitor and/or call your friends. 7:00 PM is a good time.

Christmas dinner and Elections

9 December 2013 at 7 PM

Location: Imperial Buffet 24 Lebovic Ave (south of Eglinton Ave E, between Warden Ave and Pharmacy Ave)

Uno, Dos, Tres...

If you have done any amount of listening to shortwave radio outside of the ham bands, you have undoubtedly run across "numbers stations." The broadcasts from these stations consist streams of numbers or letters, often in a computer-generated female voice speaking in Spanish. Every now and then, a numbers station pops up on 30m, sending five-character groups in Morse code.

According to the Conet Project (<http://www.irdial.com/conet.htm>), "Shortwave Numbers Stations are a perfect method of anonymous, one way communication. Spies located anywhere in the world can be communicated to by their masters via small, locally available, and unmodified Shortwave receivers. The encryption system used by Numbers Stations, known as a 'one time pad' is unbreakable. Combine this with the fact that it is almost impossible to track down the message recipients once they are inserted into the enemy country, it becomes clear just how powerful the Numbers Station system is."

The Conet Project sells a CD with a number of recordings for \$55, but you can find a bunch of mp3 files at <http://www.archive.org/details/ird059> for free.

Recently there was a thread on the Glowbugs Google Group about numbers stations. One fellow mentioned "The Numbers Station," a movie released earlier this year starring John Cusack. IMDB (<http://www.imdb.com>) says that The Numbers Station is about "a disgraced black ops agent dispatched to a remote CIA broadcast station to protect a code operator. Soon, they find themselves in a life-or-death struggle to stop a deadly plot before it's too late." It's currently available for streaming on Netflix, and I watched it recently. It's kind of violent (lots of people get shot), but it's a decent thriller.

Jim, K6FWT mentioned ENIGMA 2000 (<http://www.apul64.dsl.pipex.com/enigma2000/>). The group's website describes ENIGMA 2000 as "a UK based online group, whose aims are to bring together listeners and enthusiasts who monitor and gather information on 'Number Stations' and other related radio transmissions. Through our Yahoo Group monitors can share their logs, discuss frequencies, thoughts and opinions on this most emotive subject." Jim says, "These folks are SERIOUS enthusiasts. I have heard that they surpass many intelligence services with their thoroughness. You can get in up to your eyeballs if you don't watch it."

These stations have been around since World War II. I remember as a kid in the 1960s and 1970s, reading articles about numbers stations in Popular Electronics and Electronics Illustrated. They're as much of a mystery today as they were back then.

When he's not listening to numbers stations, Dan, KB6NU enjoys working CW on the HF bands and teaching ham radio classes. For more information about his operating activities and his "No-Nonsense" series of amateur radio license study guides, go to KB6NU.Com or e-mail cwgeek@kb6nu.com.

Long-Delayed Echoes

Hello All SARC Members and Alumni:

I know it has been a while since my last column but Summer and Fall have gotten in the way of things. I am now settled in for the Winter and am getting back to some of the hobby activities that were set aside for better weather.

At the Fall luncheon meeting of Quarter Century Wireless Association, Chapter 73, Bob Chrysler, VE3IEL who now lives in Peterborough, and a past president of SARC, kindly donated some materials to the SARC Archives and among them is a paper directory published by the "Chicken Junction Net". It consists of about 225 pages, 8 1/2" x 11" and in a three ring binder. The date of publication was February 1, 1979, Seventh Edition.

The attached scans are of the first three pages only. The directory contains the calls and names of Ontario hams but listed by community; i.e. Agincourt, London, Scarborough and so on, along with advertisements of various commercial enterprises and "Ham" organizations. Altogether an illuminating look at how things were in Amateur Radio in Ontario about early 1979.

History of the C.J.Net

"The idea of the net was first seriously discussed in late October of 1965. The Chief proponent, VE3ST, despite the dismal prophecies of many, decided to plunge on, and with the support of VE3BFG and VE3AHW, launched the net on November 1, 1965."

The net started just 48 years ago and is now in its 49th year and still going strong. I am glad to say that The CJ Net still meets daily on 3.775 MHz LSB and the Net Manager is Alvin, VA3LVN. Well, so much for "dismal prophecies"!!

I have heard it said and seen it happen that "people who say it cannot be done get run over by those running to do it".!! Nice turn of phrase don't you think?

I have been in touch with Alvin about the directory in hopes that the CJ organization will take care of it for the longer term. If not, then its home will be in the SARC Archives.

73 for now, de Gord, VE3CNA

\$6.00

**SEVENTH EDITION
FEBRUARY 1979**



**chicken
junction**

DIRECTORY

ARE
THESE
ALL **OUR**
HARMONICS?

ONTARIO'S HAM DIRECTORY

THE
CHICKIEN
JUNCTION
DIRECTORY

SEVENTH
EDITION

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ISSUED
FEBRUARY
1979

THE CHICKEN JUNCTION DIRECTORY

SEVENTH EDITION

ISSUED: FEBRUARY 1, 1979

EDITED BY: JOE (JOSE) KIRBY, VE3ST

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L7T 2H6

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NET FREQUENCY: 3.790 MHz, DAILY AT 1830 Hrs.

We wish to thank the many who have helped to make this directory, and the Net itself, possible. Especially to the Net Control stations that give so freely of their time and efforts, asking nothing in return.

Also, we would like to thank our many advertisers without whose support this directory would not be possible at such a reasonable price.

THE CHICKEN JUNCTION NET

It is not actually a net -- It is a time and frequency attended by a custodian, "Net Control", to maintain a modicum of order. It is a meeting place for any amateur who has the time and can get on the frequency. It is primarily a SSB net but anyone is welcome. If you are calling into the net, on any mode, give your call only once and stand by until you are recognized by net control. Once you have obtained contact with the station you desire, please QSY and leave the frequency free for others calling in.

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We would appreciate hearing your suggestions concerning this Directory or the Net. Any omissions or errors brought to our attention would be appreciated.

MAIL ALL CORRESPONDENCE TO: **THE C.J. DIRECTORY**, P.O. BOX No. 284, CHATHAM, ONTARIO N7M 5K4