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WAVELENGTH

OFFICIAL BULLETIN OF THE SCARBOROUGH AMATEUR RADIO CLUB INC.

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SARC Nets:

Sunday: 28.730 MHz.
 CW 10:00 AM
 SSB 10:30 AM

Tuesday: 147.060 MHz.

Thursday: 28.730 MHz.
 SSB 07:00 PM

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

These are open nets. All licensed
hams are always 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.

LEARN

PARTICIPATE

ENJOY

Tsunami

A strong and powerful earthquake caused a disastrous TSUNAMI in the Solomon Islands, north-east of Cairns, Australia resulting in loss of thousands of lives and property destruction.

Further, a later news media report, today indicated that unaccountable human bodies were seen floating in the ocean. The actual human lives destroyed is unknown at this time but appears to be in the many thousands.

The Solomon Islands are comprised of many smaller islands in which two villages are completely submerged with 5 meters high ocean water according to the news.

This opens up a very good question that with our abundance resources - an opulent country - Canada, how well are we prepared to face such challenges should any kind of natural or unnatural situation take place?

How well are the ARES organizations prepared in Radio Communications should ever we be called to help and assist in radio communications should a major calamity occur in this country and we are needed to utilize radio communications skills?

Of course, natural disasters are nothing new and have taken place for many years - history repeats. It has been noted that a great many lives are saved with

knowledge and skills and preparations. Are we prepared? This is as good a time to find out more about the Amateur Radio Emergency Services, sponsored by the Canadian National Organization - Radio Amateurs of Canada. Join the ARES group, become a member with no cost or membership fees involved.

Learn, participate and enjoy this great hobby and be prepared with the skills in radio communications.

Peter Prasad, VE3FJI

The Morse Code

The original "MORSE CODE" USED BY Samuel Morse since the 1840's to allow letters to be sent as short electrical signals (dots) and long electrical signals (dashes) along with some embedded spaces was also called the "AMERICAN" MORSE CODE.

It was widely used throughout Europe and America in very early (mid 1800's) land-line communications and has continued to be used to the present in America for this form of Land-Line telegraphic communication in which the signals were carried across the land by lines (wires) supported by telegraph poles.

Land-line communications use “sounders” to allow the receiving operator to “hear” the clicking sounds of the code and to translate them into letters. The early “Morse Code” was well suited for this form of communication but could not easily be used for radio telegraphic communication due to the embedded spaces which were actually an integral part of several letters. For instance, the letter “o” was dot-space-dot in the original Morse Code.

The original “Morse Code” was replaced in England in the 1800’s by a somewhat similar code which eliminated all of the embedded spaces and long dashes within letters that were found in many of the letters in the original Morse code. For instance, the letter “o” became Dash-Dash-Dash.

This new code was called the “Continental” or “International” MORSE CODE and became the universal standard for Radio Telegraph Communications and for **European land-line telegraphic communications. It was only in America that the original Morse Code continued to be used by railroad and inter-city land-line telegraph operators well into the 1960's

Professor Tom Perera W1TP

The one who says that old age is golden,

must have had a lousy youth.

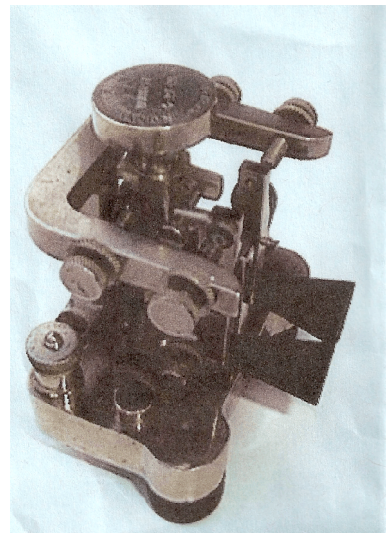
FOR SALE

Heath SB303 and SB401 with Mike, watt meter, manuals and cables.
\$150.00 or best offer

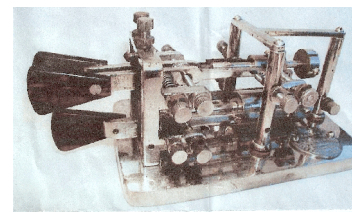
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Some unusual Keys



Gil Schleman National Transmitter Co.
Vertical bug.



Australian auto-morse bug



BIG BEN and little details

You've been to London and you've heard Big Ben - but you've never seen Big Ben. What you have seen is St. Stephen's Tower, the 400-foot-high, four-sided clock tower rising above Britain's Houses of Parliament, on the banks of the Thames. But Big Ben is inside the tower - it's a 13 ton bell, designed by the Baron Grimthorpe, cast in 1856, and named in honor of Sir Benjamin "Big Ben" Hall, the Chief Commissioner of Works at the time. Londoners set their watches by the tower's glowing clock faces by day and by night - and until recently, some poor soul frequently had to climb all 340 steps to the top with replacement bulbs, to keep those clock faces glowing. But that's all over now.

Since the last day of 1994, they have been illuminated by means of 112 bulbs (28 per clock face), courtesy of Philips QL's induction lighting system. Each 55

watt lamp is guaranteed for an unmatched lifetime of 60,000 hours. That's 15 years of normal usage - reducing maintenance and energy costs by an estimated 60 per cent. The QL system itself is a product of totally new technology, in which high frequency energy is produced in a low pressure mercury gas by an induction coil.

These QL lights offer not only economy, durability and high luminous efficiency - but, since they are "solid state" and contain no filaments or electrodes, they are also resistant to the mighty vibrations of Ben's Big Bongs!

So while the sun may be setting on the Empire, the lights never go out on one of Britain's great landmarks.

YI1DZ claims IRAQ has banned Amateur Radio

Amateur Radio operation has been banned in Iraq. That is a claim made in a letter to the world-wide ham radio community from Diya Sayah, YI1DZ and distributed by Ian Abel, G3ZHI

In his note dated March 13th, Iraq Amateur Radio Society President Diya, YI1DZ, says that he received confirmation from the office of Prime Minister Al Maliki that all Amateur Radio activity in the nation is to be closed down immediately. This includes operation by Iraqi nationals, foreign visitors and even members of the coalition forces safeguarding that nation.



From the Prez's desk

There has been a slight improvement in the net attendance over the last few weeks. We could have expected that with very popular Bob VE3IEL now being the Communications Coordinator. Mind you, they are still the same voices we hear, but I think they are checking in more regularly. And on the 2 m net, we do get check-ins from St. Catherines, Brampton, Burlington and of course Mike VE3FGU from Keswick. They of course are always welcome. One Tuesday I counted 16 checkins. Great job, Bob!

Let me also emphasize that this is your newsletter. Send me your articles, ideas technical or otherwise and I will definitely publish them. So far I have not much variety in contributors. We had Bob, VE3IEL, him again, where does he get the time and in this issue an article by Peter VE3FJI. Get the copy coming. That way we get more variety. Most of what is published to date, is from the internet or stolen from other newsletters.

Monday, April 23, 2007 we have a our Anniversary meeting. 61 years and hopefully many more years to go. Try to attend. There will be lots of goodies, cake

and heartier stuff and of course coffee, water and pop. Also we will see a display of S.A.R.C. memorabilia, arranged by Gord VE3CNA and most of all friendship and comradery. And..... a very nice draw prize.
See you there!!

Since we have five Mondays this month, we have decided to have a special training meeting on Monday, April 30. Ray VE3ZXC suggested that we all can benefit from a training session in proper net operation procedures. It will be mentioned again at the meeting Monday and if you want to attend and have a 2 M handheld, please bring it with you and also pen and paper. It should be fun and educational.

73 de Bill VE3ILE

Upcoming DX

April 14 - May 3

MONGOLIA

JT1Y

All bands & modes

QSL via I0SNY

April 16 - 19

TOKELAU

ZK3A

All bands & modes

QSL via YU7NU

April 20 - 30
SCARBOROUGH REEF
BS7H
Large operation
All bands & modes
QSL via KU9C

Can you read this?
Only 55 people out of 100 can.

I cdnuolt blveiee taht I cluod aulacity
uesdnatnrd waht I was rdanieg. The
phaonmneal pweor of the hmuan mnid,
aoccdrnig to a rscheearch at Cmabrigde
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the ltteres in a wrod are, the olny
iproamtnt tihng is taht the frsit and lsat
ltteer be in the rghit pclae.

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bcuseae the huamn mnid deos not raed
ervey lteter by istlef, but the wrod as a
wlohe. Azanmig eh? And I awlyas
tghuhot sipeling was ipmorantt!

Shut It down.....

*Idling for more than 10 seconds uses
more fuel than restarting the engine but
many Canadians haven't caught on .
Research suggests motorists idle their
vehicles an average of five to ten minutes
a day, and in the peak of winter, more
than 75 minutes a day.*

*If every driver of a light duty vehicle
reduced idling by five minutes a day, over
a year, Canada would save 680 million
liters of fuel and more than 1.6 million*

million tonnes of harmful emissiions.

*Idling also is more damaging than
stopping and restarting the engine. Idling
engines operate at a lower temperature
that doesn't fully burn fuel.*



Deadline Copy for the next

WAVELENGTH

MAY 8th , 2007

Flying is not dangerous; crashing is.

Everyone already knows the definition of
a 'good' landing is one from which you
can walk away? But very few know the
definition of a 'great' landing. It's one
after which you can use the airplane
another time.

.-.- .-.-