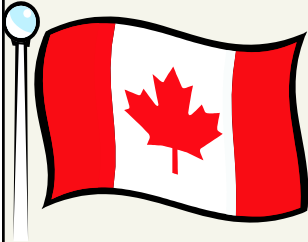
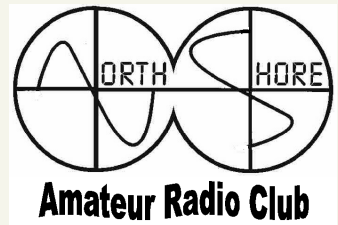


JUNE 2014



North Shore ARC



**UPCOMING
DATES**

**JUNE 28TH
& 29TH**

**ARRL FIELD
DAY**

"CQ FIELD DAY"

Visit us on the web

www.ve3osh.com

North Shore ARC
is a



Affiliated club

www.rac.ca



www.arrl.org



At The Helm



Pres' 2 cents...

CTCSS

Let's talk about sub-audible tones on repeaters. It was brought up at the May meeting as to why the CTCSS - Continuous Tone Coded Squelch System - tones were NOT on VE3OSH. We said at that time that their presence was pending. After field day, the tones will be activated. VE3OSH will have a sub-audible tone of 156.7 Hz. VE3NAA, after the switch over to the new unit, will maintain with its tone of 136.5 Hz. The new six meter repeater, VA3NSR will also have tones of 136.5 Hz. VA3NSR will operate on an assign transmit frequency of 53.270 MHz. and will receive on a frequency 1 MHz lower. Therefore, set your radio to receive on 53.270 MHz but transmit on 52.270 MHz.

CTCSS or Continuous Tone Coded Squelch System is simply one means of control when your transceiver un-mutes its received audio. With a normal FM transceiver, the received audio is muted until a signal is detected with sufficient strength to be intelligible. A radio with CTCSS enabled simply adds a continuous tone underneath the voice during transmission. This is referred to as 'encode'. If the receiving radio has CTCSS enabled also - 'decode', it will not un-mute the received audio unless it receives that same tone in the transmission. The radio is still receiving all communications on that channel, but isn't letting you hear it unless the correct tone exists.

My dual band UHF and VHF transceiver is an Icom IC-2720H and it will allow you to set one or both of these modes. If your transceiver has a setting of 'rt', this will allow you to choose the frequency of the 'encode' tone and it is transmit - only. The 'Ct' setting also allows you to choose the frequency of the tone and this is 'encode' and 'decode' - both transmit and receive. Sometimes this later situation is called 'T SQU'.

As you are probably aware, our repeaters are under the control of an Arcom RC810 Repeater Controller. In our situation, this controller is supplying both the tones for all the repeaters as well as the CW Identifiers. If the Controller loses control over any repeater, that repeater has the ability to switch into what we call 'Dumb Mode' where the tones will NOT be present and the CW identifier code will start with 'de'.

So after field day, set your 2 m. and 70 cm. transceiver(s) for 'Ct' or 'T SQU'. If you have the tones on and the repeater doesn't, your S meter should show the presence of a signal but you won't be able to hear it. Simply turn your 'T SQU' off and you should be back in action. This should also hold true for the 6 m. repeater when it comes on line in the very near future.

I think I am right in what I have just said but there could be some discrepancies, so if there are, please let me know so I can make the necessary corrections.

CAMP X

On July 14 at 21:00 (9 PM), the History Channel will have a documentary about Camp X. U-tube preview here... <http://www.youtube.com/watch?v=nA60QfPc6S4&sns=em>
Would somebody like to record it so we can all watch it at a future time and place.

CANOE THE NONQUON

On June 7, had occasion to join up with Glenn VE3LIZ and other Hams to help with communications for the 46th annual Canoe the Nonquon Race. The race was sanctioned by the Ontario Marathon Canoe and Kayak Racing Association (OMCKRA). All funds raised benefited the Scugog Shores Museums. I was joined by my XYL Marian, along with Alex VE3ZSH and Peter VE3PWJ from our club. After a satisfying breakfast in Port Perry, Marian, Alex and I were off to Robinglade Park which was the termination of the 12 Km river portion of the race. Contestants could stop here or continue on for another 8 Km of lake paddling to end up at Palmer Park. We were joined at Robinglade Park by Lynn, a volunteer at the Museum, and Samantha and Rebecca, who were student staff members of the museum. There were 83 canoes and kayaks in the race and the weather was superb.

OTHER CLUBS

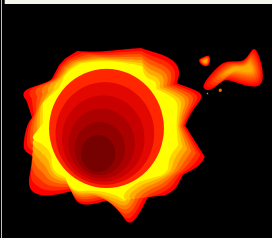
Had occasion to meet up with Craig – VA3DTF – president of the Whitby Amateur Radio Club both at Hamfest and at the ARES meeting. He agrees with Walter – president of the SPARC - and me that more participation between the 3 local clubs is due for an overhaul and upgrade. Craig invited me to one of their Saturday get-togethers so I did so back in May. Most of their members agree that it is high time that we all get together. I expressed an open invitation to all their members to attend our meetings. This invitation is also open to all members of SRARC.

UPCOMING DATES

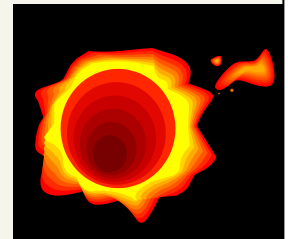
Now that this season is over – except for Field Day and our commitments during the summer - Ride for the United Way - Aug. 24 – we'll start the new season with the "Sermon on the Mount" at Purple Woods on Sept. 16. Upcoming presentations are now set up with Glen – VE3LIZ and Dave - VA3RLP showing us how to make remote hamming work at the October 21 meeting. Then, at the next meeting, Nov. 18, Lex – VE3LEX will give us a demonstration on "CHIRP" – a piece of software to make programming the memory channels on UHF and VHF easier and faster. Then we will be into the Christmas season with Martha – VA3SBD doing the background work to make this one another success.

Have a pleasant and enjoyable summer and we'll 'catch you further down the log' – as one beaver said to the other.

Dave
VE3GUD



Propagation Reports by Ray Zambonelli **VE3OUB**



<http://dx.qsl.net/propagation/propagation.html>

Ham Radio On Twitter

Queen shown radio ham's Raspberry Pi balloon payload

Tweeted by @KP4Radio

http://amsat-uk.org/2014/06/11/queen-shown-radio-hams-raspberry-pi-balloon-payload/?utm_source=dlvr.it&utm_medium=twitter

In 2014 @arri will celebrate 100 years of "Advancing the #Art and #Science of #Radio"

Tweeted by @arri

<http://www.arri.org/centennial>

BYLARA: British Young Ladies Amateur Radio Association

Tweeted by @DxZone

<http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=29855>

Radio Amateurs Are Key Players in Effort to Maneuver 36-Year-Old NASA Spacecraft

Tweeted by @arri

http://www.arri.org/news/view/radio-amateurs-are-key-players-in-effort-to-maneuver-36-year-old-nasa-spacecraft?utm_medium=twitter&utm_source=twitterfeed

Not only is Amateur Radio a fun hobby, but we also provide communications during emergencies

Tweeted by @W7DTG

http://www.olyham.net/field_day.htm

Ham Radio Helps Get Medical Attention for Mobile Operator in Distress

Tweeted by @KP4Radio

http://www.arrl.org/news/view/ham-radio-helps-get-medical-attention-for-mobile-operator-in-distress?utm_source=dlvr.it&utm_medium=twitter

WRTC 2014 HAS FUNDING

Tweeted by @rac_bcsectionmanager

<http://va7mpg.ca/?p=7160>

24 years ago today was one of the largest Tornado Outbreaks in Central Indiana

Tweeted by @NWSIndianapolis

http://www.crh.noaa.gov/ind/?n=june2_1990tor

BC QSO PARTY RESULTS

Tweeted by @rac_bcsectionmanager

<http://va7mpg.ca/?p=7164>

QRZ NOW HAS INTERGRATION WITH LOTW

Tweeted by @rac_bcsectionmanager

<http://va7mpg.ca/?p=7117>

Growing the Amateur Radio hobby in Canada

Tweeted by @VE3RHF

<http://www.crrl.ca/news/2014/5/30/lex-parsimoniae>

"But when you need Amateur Radio, you really need them."

Tweeted by @arrl_OK

http://www.arrl.org/ares-el?issue=2013-04-17&buffer_share=32455&utm_content=buffer811ec&utm_medium=social&utm_source=twitter.com&utm_campaign=buffer

Different links and tones of information on EME

Tweeted by @dxzone

http://www.dxzone.com/catalog/Operating_Modes/EME/?utm_content=buffer68620&utm_medium=social&utm_source=twitter.com&utm_campaign=buffer

Connecticut Ham Uses Radio to Help Rescue Young Canoeist:

Tweeted by @yv5venet

http://www.arrl.org/news/view/connecticut-ham-uses-radio-to-help-rescue-young-canoeist?utm_source=twitterfeed&utm_medium=twitter



RAC Bulletins



[RAC-Bulletin] RAC/ARES meets in Red Deer Alberta

June 16th 2014

RAC/ARES meets in Red Deer Alberta RAC/ARES members took advantage of the recent Central Alberta Amateur Radio Club Hamfest in Red Deer Alberta to meet and discuss issues ranging from recruitment training and organization.

Alberta ARES has had a busy period providing communication services to their communities with the recent floods in Calgary and High River and the Great Slave fire as only two examples.

Left to right... Neal Sunderland VE6YZF the new Section Emergency Coordinator for Alberta, often seen driving around the province visiting members in his Holiday Rambler Class A RV, Jeff Low VA6JL Red Deer Emergency Coordinator and veteran of the recent floods as well as Garry Jacobs VE6CIA Alberta Section Manager. Inset, Ian Burgess VE6IB Emergency Coordinator for Calgary. [1]

Geoff Bawden, VE4BAW
Acting CFSO and President RAC

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[1] Web link and photos: <http://wp.rac.ca/racares-meet-in-red-deer-alberta/>

[RAC-Bulletin] Look for Special Event Station VE3RCMP on-the-air Field Day Weekend

June 17th 2014

The **Royal Canadian Mounted Police** amateur radio Group in Ottawa will be operating a Special Event Station **VE3RCMP** during the Field Day contest weekend, June 28-29, 2014. We plan also to activate the call sign during the RAC Canada Day Contest July 1st.

The Special Event Amateur Station will be commemorating the 75th anniversary of the first RCMP owned and operated radio-to-patrol-car dispatch system that was commissioned in the fall of 1939 using the call sign VY8T and thus initiated a continuing Radio Support-Service within Force. VE3RCMP during Field Day will be operated by current and retired members of what is currently known as the RCMP National Radio Services Directorate, Ottawa.

The last time VE3RCMP was obtained for field day operations was in 1989 during the the 50th anniversary. We hope the 4 letter suffix will not cause too much confusion to other FD contest station operators.

Special QSL cards are being prepared to confirm contacts with VE3RCMP.

Norm Rashleigh, VE3LC

[RAC-Bulletin] Amateur Radio Operators Honoured at One Year Anniversary of Devastating Flood at High River, Alberta

Before the summer of 2013 High River was known as the hometown of the Honourable Joe Clark, writer W.O. Mitchell and the TV series Homeland. In June of 2013 it became the location of one of Canada's greatest natural disasters. With little warning the river overflowed its banks and raced across town destroying businesses, homes, infrastructure and lives.

Ham radio operators from the Foothills Amateur Radio Club and across the region responded to the emergency in the community by working closely with their town, area hospitals and emergency and support services (including fire, Alberta emergency measures and social services) to augment or replace communications that had been damaged or destroyed in the torrent. This is an example of the Amateur Radio Emergency Services (ARES) at its finest. To honour the extraordinary efforts of these amateurs, the Foothills Amateur Radio Club arranged a ceremony and banquet for its members and for those amateurs that came to assist in time of dire need. Their story is one of service and exceptionalism and these hams deserve the recognition that they received.

Honouring the volunteers were:

The Town of High River though Councilor (and former Mayor) Emile Blokland.

High River Fire Chief Len Zebedee.

The President of the Radio Amateurs of Canada; Geoffrey Bawden VE4BAW

The President of the Foothills Amateur Radio Club; Ray Bourne VE6LG

The Foothills Amateur Radio Club Emergency Coordinator; Wally Gardiner VE6BGL

The Emergency Coordinator for the Calgary Regional ARES Society; Ian Burgess VA6EMS

The Master of Ceremonies was the Assistant Emergency Coordinator (and Emergency Coordinator at the time); Vince d'Eon VE6LK

Special Guests included;

Scott Nalder VA6OC/VE6OBL, Assistant Emergency Coordinator and Net Controller at time of flood.

Mitch Mitchell VE6OH, RAC Director for Alberta, Northwest Territories and Nunavut.

Neal Sunderland VE6NL, Section Emergency Coordinator.

The Truly Honoured Guests were the responders to the disaster. Their names are on the RAC website at:

<http://wp.rac.ca/volunteers-alberta-floods-2013/>

All received a certificate signed by Vince d'Eon, Geoff Bawden and Ian Burgess.

Certificate: <http://wp.rac.ca/alberta-floods-certificate/>

Former Mayor Blokland and Chief Lebedee, the two principle High River authorities during the disaster, presented letters of recognition and thanks from the Town of High River to volunteers signed by the current Mayor Craig Snodgrass.

Mr. Blokland also presented a letter of thanks to the national association signed by Mayor Snodgrass. The letter in part states; "The Radio Amateurs of Canada ... should be very proud and inspired by the Foothills Chapter and its members, in the wake of their actions and services to the community ... The quick response, expert technical knowledge and skill every member of the Foothills Amateur Radio Society demonstrated cannot be discounted in the positive effect they all had on the Town of High River's quick and safe recovery .. A debt we can't soon repay, but wish to acknowledge"

Letter: <http://wp.rac.ca/high-river-ab-mayor-letter/>

In his remarks RAC President observed that "...these amateurs serve as beacons and examples to hams all across Canada and I am proud to be invited to this ceremony and represent Canadian hams. Many radio volunteers had their homes flooded and some had family members missing and despite personal stress and fears they served others."

--

Geoff Bawden VE4BAW
RAC President



Dates To Remember



June 28th and 29th all weekend

ARRL Field Day event: Contact Martha, VA3SBD

If you are joining us at Purple Woods Conservation

August 4th all day

RIDE 4 UNITED WAY GRAND FONDO CHE I BENEFICI

Contact Larry, VA3FHG if interested in assisting with this event.

July 1st

CANADA DAY

September 16th: 1900hrs

Monthly Meeting SERMON ON THE MOUNT

PURPLE WOODS CONSERVATION AREA



PHOTOS!!!!









BEHIND THE MIKE



Hi Everyone!!

Well here's the June newsletter. I know its coming out after the club meeting but I had been contemplating prior to the meeting on waiting till the week of field day because I was working nice and hard on getting our field day setup all lined up and raring to go.

If you are joining us for Field Day there's still time to let me know so that we can include you in the number count for feeding purposes. All the volunteers we can get the better smoother things will run.

Well that's pretty much all I have to say at this point in time. If you are going to be at Field Day we will see you then. If you can't make it have a wonderful summer and an enjoyable Canada Day and hopefully we will see you at Ride 4 United Way at the end of August or at Sermon on the Mount in September.

If you want to get a hold of me to let me know if you're joining us at field day please drop me a line at

va3sbd@gmail.com or at va3sbd@teksavvy.com

Both emails I check multiple times a day.

That's it for now. I hope you enjoyed this newsletter the articles and the photos and we'll see you shortly.

73's and 88's

Martha
VA3SBD

What's New at Durham Radio - June 2014

If you would like to receive our "What's New" mailing (about once every other month) along with subscriber only deals, visit our [HOME PAGE](#) and add your email address. (bottom right)

Important Announcements & Reminders

Grads - Graduation day is quickly approaching. Stuck for ideas? [Gift Ideas HERE](#) or how about a [Gift Certificate?](#)

FREE Activations on Globalstar Phones - Save \$50 on this exclusive limited-time offer from your friends at Durham Radio. [Click HERE.](#)

LDG FAQ - LDG has added an FAQ to their website covering the installation, operation and service of their products. It can be accessed [HERE](#)

S9V Antennas Discontinued - Unfortunately, this great product has been discontinued. If you had your heart set on one, please call to check on remaining stock.

Did you Know? - Durham Radio still offers a layaway plan. Please call the store for details.

More Car Dashboard Cameras - Record wherever you drive! Save thousands of dollars on an insurance claim. Get the basic dash cam with all accessories except SD card for only \$49.95. We have just added these to our line up. See the models we currently offer by clicking [HERE.](#)

Prefer to Speak French? - Jamie parle également le français et l'anglais et est disponible pour répondre à vos questions 9 heures-15 heures de Lundi a Vendredi. Vous pouvez également lui contacter par courriel. (jamit at durhamradio dot com)

New Lower Prices - Yes, we're surprised too. We have had several price reductions lately. Details [HERE.](#)

[New Products](#) - [New Products](#) - [New Products](#) - [New Products](#) - [New Products](#) - [New Products](#)

Amateur Radio

JT222M 50W 220MHz Transceiver



The JT222M features 200 memories, three power levels, CTCSS/DTS Encode/Decode plus tone burst. Large alphanumeric LCD display and backlit mic.

[More Info](#)

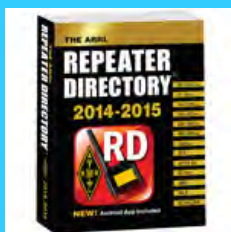
Peak Reading SWR/Watt Meter

The MFJ-868B covers HF plus 6 metres in 20/200/2000 Watt ranges.

[More Info](#)



ARRLREP2015 & ARRLREP2015DESK



Now you have a choice of the traditional mini-book (pocket-sized edition) or a sturdy, spiral-bound desktop version. Android App included - enjoy 12 months of the full version app!

[More Info](#)

Comet 38" Dual Band Mobile Ant

The SBB5 features 3/5.5 dBi gain and handles up to 120W. Available with UHF or NMO connection.

[More Info](#)



Noise Cancelling Speaker



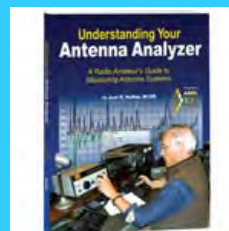
The Opek 730 has a high frequency cut switch to filter out the part of the audio spectrum that has the most hash noise. The mute switch can be used to attenuate the audio by 8dB without touching the volume control on the radio.

[More Info](#)

Understanding Your Antenna Analyzer

Get the most out of your antenna by learning how to use your analyzer to make the proper adjustments for optimum performance.

[More Info](#)



AM/FM Radios

C. Crane Senta Forty Headphones



These beautiful wood headphones provide accurate, full range audio response and great stereo imaging.

[More Info](#)

CWWL Ipod/iPhone Docking Station with Link

"The Connector" universal dock/charger charges your device, plus it has an audio output connection so that you can play it through your Tivoli or other audio system. Includes a remote control that operates both the Connector as well as most iPhone/iPod functions.



[More Info](#)

CB Radios

Tunable Mobile Glass Mount CB Antenna



The Procomm VCBGM glass mount antenna is the perfect antenna for people who do not want a bulky CB antenna on their vehicle. Has a limited range due to its small size. Perfect for travelling in a group where you might like to stay in touch with others in nearby vehicles.

[More Info](#)

Kalibur SWR Meter

The AUSWR traditional SWR meter covers 26-30 MHz and handles up to 100W. Includes a 3 foot patch cord!



[More Info](#)

JBC1500 "Half Breed" Antenna



We have been carrying this 60" base-loaded antenna under the half-breed name for many years. Fits standard 3/8-24 mounts. Has very little wind load. Whip slides into the coil for SWR adjustment.

[More Info](#)

DM502B Amplified Desk Mic

This mic is suitable for both amateur and CB radio use. Has a FM/SSB tone switch just like expensive ham mics. Runs on two "AA" batteries.



[More Info](#)

Black Plastic PA Horn



The PTPAHB can be used with most CB radios, ham equipment, GPS receivers and two-way radios. Can be used outdoors.

[More Info](#)

JBC995H Double Groove Mirror Mount

Fits traditional truck mirror arms. Comes with 3/8-24 stud for use with most fiberglass CB antennas and some amateur radio antennas.



[More Info](#)

Dash Cams

Car Camera Priced Right!



This may possibly be a limited time offer. Get a car video camera for only \$49.95! Check out the specs on our web site.

[More Info](#)

DVR-62 Car DVR

Similar to the car camera shown on the left but also has HDMI output.

[More Info](#)



GPS

RV Lifestyle GPS



The Garmin RV760LMT features customized RV routing and includes America's RV Parks & Services Directory. Comes bundled with the BC20 wireless backup camera.

[More Info](#)

Tech Tip

RG6 (TV coax cable) is not the correct impedance for scanners, however the mismatch will not attenuate the signal as much as you might think. This is a good, low-cost alternative to the proper cable if you are on a really tight budget. Make sure the cable is fresh and avoid old RG59 cable especially if you plan to use your antenna above 500 MHz or run more than 30 feet of cable.

Scanners

Procomm Spider Discone Antenna



The SP-800 covers 30-1200 MHz and includes 50 feet of cable with BNC connector.

[More Info](#)

Homepatrol AC Adapter

This is a replacement adapter for the Homepatrol scanner. Our part number HOMEPATROLPLUG.

[More Info](#)



HDTV

CM7500 OTA Tuner and PVR



Record your favourite TV programs in HD. Records, pauses and plays back live TV up to 2 hours out of the box without even connecting a hard drive. Dual tuners allow you to record one program while watching another or record two programs at the same time!

[More Info](#)

Two-Way TV Antenna Splitter

The Recoton DSV50C efficiently splits RF signals up to 2 GHz.

[More Info](#)



DGCRG621012BK/WH



Pre-made twelve-foot RG6 patch cables are now in stock and available in black or white.

[More Info](#)

Channel Master Chimney Mount

The 3080 comes with two 12-foot straps and fits mast pipes up to 1.5 inch OD.

[More Info](#)



Miscellaneous

AC Power Bar with Surge Protection



The Monster Power AV700 features a right angle plug for easy fit behind entertainment units and other tight spaces. Power line and coax line surge protection.

[More Info](#)

18650 Rechargeable Battery

Rechargeable 3.7 Volt Lithium Ion battery. Exact fit for the Teksun PL880.

[More Info](#)

