



The **NEWSCASTER**

The Official Publication of the Winnipeg Amateur Radio Club
<http://www.virtualmultimedia.com/warc/>

March 2002

Free to Members vol: 2002-03

VE4SVV

Summerside, PEI Trip

Date: March 11th, 2002
Time: 7:30 p.m.
Place: Sturgeon Creek Regional Secondary School

Other Important Dates:

Articles: March 27th - Article Deadline March Newscaster

WARC: - Apr. 8 - HomeBrew Night, May 13 - Viruses,
June 10 - QRP

WSC: March 7th - Breakfast Meeting @ Garden City Inn

ARES: March 19 - ARES Call-outs and Emergency equip.
Monthly Meetings Apr-16 May-21 Jun-26;

Other: Daily 01:00 UTC MB Evening Phone net 3760 KHz
Daily 01:30 UTC Prairie traffic Net (CW) 3660 KHz
Daily 02:30 UTC Aurora #2 net 7055 KHz
Weekdays 9:00am Seniors morning net 147.390 MHz
Wed. 9:00 pm Six Meter net 50.240 MHz.
Thursday 9:00pm MRS Net 147.390 MHz +
Sunday 1:00pm MRS Net 147.390 MHz +

WARC: Executive for 2002

Past President	Norm Coull	VE4EH	885-1692
President	Vacant		
Vice-Pres./ PR	Tom Mills	VE4SE	837-6915
Secretary	Ruthie Maman	VE4CRS	589-6718
Treasurer	Sue Collings	VE4SYM	694-1525
Membership	Mariska Maguire	VE4MMG	256-3143
Program	Glen Napady	VE4GWN	831-8082
Goodwill	Vacant		

From the Vice President WARC, Tom VE4SE

With Darcy VE4DDW no longer able to carry on as President of the WARC, due to work commitments, I will be taking over for the rest of the term as acting President. This has been done in accordance with section 3.8 of the club's by-laws and passed by the members at the February meeting. This June there are three more members of the executive who have completed their three year term on the board and we will have at least that many vacancies. In order to keep the club running we will need to fill these spots. Please think about this as it is YOUR club. Once elected, the executive will decide what spots they want to fill. The past executive will gladly help the new during the transition period.

Also we have a Flea market coming up. We need a co-ordinator. Its not a big job but some one has to see that everything is coming to order. The site has been booked and paid for. The food and rental of tables will be looked after by Ruth VE4XYL and myself. The vendor door is already looked after. There are pre printed sheets that just have to be checked off as to jobs allocated and done. Once again its YOUR club lets keep it running.

The Marathon has a chairman. Jeff VE4MBQ will coordinate it and will soon be calling for volunteers. Lets have a good response.

Robert RCJ had agreed to look after field day IF he can get several other people to help coordinate it. He can't do it alone. Field day will again be help at Birds Hill Park on the same site as last year.

More information will follow as we get closer to the dates of the above.

As mentioned before this is YOUR club. It doesn't belong to the executive and the more people we can get involved the easier it is to run and the work load is lighter.

I will be looking forward to be seeing all of you at the March meeting.

**Home Brew night is Next Month
Is your project Ready ??**

Winnipeg ARES Report
by Jeff, VE4MBQ - Winnipeg EC

Twenty-eight WPGARES members and associates provided volunteer amateur communications February 9 and 10 for Festival du Voyager Sled Dog Races at The Forks on the Red River. Thanks to the following volunteers: VE4s: AJR, WF, KAZ, XM, STS, TRO, MGR, MMG, SE, HK, RCJ, XYL, ACX, AND, DWG, GWN, EWN, EIH, JNF, CLK, ODB, OHB, TJR, BSR, KU, WTS, YYL, MBQ

Special thanks to:
WSCRC for briefing room for Volunteer Briefing
Brad Honke VE4XM for bringing out his snowmobile
Yori Tsuji VE4ACX for use of VE4TWO
Richard Andrich and staff at The Forks Market for their cooperation and assistance.

Our February monthly meeting featured a presentation by Manitoba ARES Digital DEC Maiko Langelaar VE4KLM on the cross-Canada OCIPEP Digital Amateur Network that can link OCIPEP Regional Directors in a communications emergency. Maiko was assisted by SEC Don Mackinnon VE4DJM who used the ATAS-100 mobile antenna system on his vehicle to make the show-and-tell work. WPGARES welcomed our newest member Fred Venema VE4FV. We currently have 46 members.

WPGARES would like to thank Alexander Parkinson VE4APN for his donation of a Barker & Williamson AP-10A Portable Antenna. Our next general meeting is TUE 19MARCH2002 1900h at Sir Wm Stephenson Library 765 Keewatin Street. There will be an encore presentation of "ARES Call-outs and Emergency Equipment" by EC Jeff Dovyak VE4MBQ.

Field Day
By Robert, VE4RCJ

Last year a committee of three people did the planning and implementation for field day. One person handled the operational plans including the purchasing of food. Another handled PR including interagency cooperation and the third handled logistics and transportation. The responsibility for these duties was not written in stone and contributions were made by all three in all facets of planning and implementation for the big day. I feel that it went well and would like to see an even more successful field day this year.

I have expressed a willingness to work on field day this year but I will need help. I propose a similar plan to last year, but am willing to discuss a different arrangement of

responsibilities if requested by any volunteers. If more than two express a willingness to help I will be very thankful for their help. There will be little concrete done before the end of School in April but May will be busy and June hectic. Please let me know if you are willing to help and the way you would like to contribute to another successful field day.

I can be contacted by telephone 477-9125 (note the bluebook number is incorrect), or email rcjacobs@mts.net or ve4rcj@rac.ca

From the Planning Chair:
Glen, VE4GWN

Again I must thank Louis, VE4PLJ for the presentation he gave for our Feb. meeting. Everyone in attendance were impressed with Louis, and I'm sure that valuable lessons have been learned by all. It must take a lot of "guts" to stand up and pass on your personal experiences. Well done Louis.

The March meeting should also be entertaining, and educational. We will be having some members from the Sun Valley Ventures (VE4SVV) telling us about there visit to Summerside PEI this past summer. Come one and all and listen to what a group of young amateurs have to say. I can't think of a better way to encourage them to remain in this hobby, and maybe even enlist some of their friends to join us as hams.

April is just around the corner, and we all know what that means.... HOMEBREW night. So complete those projects that you have started, or are planning to start. I personally find this one of the more enjoyable meetings that we have.



Industry Canada Amateur Centre
 Voice 1-888-780-3333 (toll-free)
 Fax: 1-613-991-5575
 Email: spectrum.amateur@ic.gc.ca
 Web: http://strategis.ic.gc.ca/spectrum

Comments or if you just want to reach us :

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 Newsletters - past issues
<http://www.ve4.net/newsletters.html>

Contest Calendar

March

ARRL Inter. DX Contest	Phone 0000Z	Mar 2
World Wide Locator Contest	0000Z	Mar 9
SARL Field Day Contest	1000Z	Mar 9
RSGB Commonwealth Contest	CW 1000Z	Mar 9
North American Sprint	RTTY 0000Z	Mar 10
UBA Spring Contest	CW 0700Z	Mar 10
Wisconsin QSO Party	1800Z	Mar 10
Alaska QSO Party	0000Z	Mar 16
BARTG Spring RTTY Contest	0200Z	Mar 16
Russian DX Contest	1200Z	Mar 16
Virginia QSO Party	1800Z	Mar 16
Spring QRP Homebrewer Sprint	0000Z	Mar 25
CQ WW WPX Contest	SSB 0000Z	Mar 30

April

MARAC County Hunters Contest	SSB 0000Z	Apr 6
SP DX Contest	1500Z	Apr 6
EA RTTY Contest	1600Z	Apr 6
Missouri QSO Party	1800Z	Apr 6
	1800Z	Apr 7
YLRL DX to NA YL Contest	CW 1400Z	Apr 10
JIDX HF CW Contest	2300Z	Apr 12
QRP ARCI Spring QSO Party	1200Z	Apr 13
EU Spring Sprint, SSB	1500Z	Apr 13
His Maj. King of Spain Contest	1800Z	Apr 13
Yuri Gagarin Int. DX Contest	2100Z	Apr 13
UBA Spring Contest	SSB 0600Z	Apr 14
YLRL DX to NA YL Contest	SSB 1400Z	Apr 17
Holyland DX Contest	0000Z	Apr 20
TARA Spring Wakeup	PSK310000Z	Apr 20
YU DX Contest	1200Z	Apr 20
GACW CW DX Contest	1200Z	Apr 20
EU Spring Sprint	CW 1500Z	Apr 20
Michigan QSO Party	1600Z	Apr 20
Ontario QSO Party	1800Z	Apr 20
Harry Angel Memorial Sprint	1100Z	Apr 25
SP DX RTTY Contest	1200Z	Apr 27
Helvetia Contest	1300Z	Apr 27
Florida QSO Party	1600Z	Apr 27

Parkside Appliance & Electronics



Sales & Service of
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John, VE4JNF

386 Belvidere Street
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885-9278
ve4jnf@escape.ca

Semi- Annual WARC Flea Market

April 21
Heritage Victoria Community club
950 Sturgeon Rd.

\$2.00 Entrance fee
Tables are \$5.00 for WARC members, \$10.00 for non
WARC members and commercial outlets.

Ed Horton VE4EIH is the Coordinator. If you would like to
volunteer for various jobs please contact him.

Ruth VE4XYL and Tom VE4SE will be selling tables, please
contact them at 837-6915 or at 605 Bruce Ave.

ARES FLEA MARKET BULLETIN

By Dick, VE4HK & and Mariska, VE4MMG

The Winnipeg Amateur Radio Club Spring Flea Market
will be Sunday, April 21, at the Heritage Victoria Community
Club. Yes, Winnipeg ARES will be there with our much
cherished Silent Auction. There will be the usual table
groaning with wonderful prizes, that nobody can live
without. Tickets will be the usual \$1.00 for 3 tickets and
\$2.00 for 10 tickets. Your odds of winning are far better than
winning the lottery. I think the prizes are better, too.

Winnipeg ARES earns the bulk of our income at the
Spring and Fall Flea Markets. We receive no government
funding at all. All funds are used to improve our equipment
and cover other expenses.

ARES members really appreciate the support of the
amateur community by purchasing tickets at our silent
auctions.

Preferred Modes

The following voice modes are used by general agreement.

LSB	160, 80, 40 meters
USB	20, 17, 15, 12, 10 meters
FM	2, 1.25 m and 70 cm. Some USB is also used

News from the Net

US 241 and 322 GHz records set

The ARRL reports that contacts made in mid-December "on the ultra-highs" by microwave enthusiast Brian Justin, WA1ZMS, set new North American records on two bands that amateurs don't encounter routinely-- 241 and 322 GHz.

On December 15, Justin, operating W2SZ/4 in Virginia, made contact with Gordon Howell, WA4RTS/4, on the 322-GHz band "over a whopping distance of 0.05 km (about 164 feet)," he said.

"I know it's not much as far as DX is concerned, but it's on par with DB6NT's 411-GHz DX record and is a North American first for the 300-GHz band, excluding light," he added.

About an hour later another QSO was made between W2SZ/4 and WA4RTS/4 on 241 GHz over a distance of 1.1 km (approximately 3609 feet). "This is a North American first for the band and a new NA record at the same time," Justin said.

Both contacts were made using modulated CW and wideband FM receivers. The power output on 322 GHz was estimated to be just a few microwatts, while the power on 241 GHz was measured at 0.75 mW. The stations were constructed of 80.6-GHz free running Gunn oscillators driving GaAs diode triplers. Both setups used homebrew six-inch parabolic dishes with hyperbolic sub-reflectors.

Justin said the next step is to phase-lock the Gunn oscillators to crystal oscillators in the future to permit using narrowband modulation, "thus resulting in better DX." WA1ZMS estimated that over the span of his ham radio career, he's operated at least once on every available Amateur Radio band.

(Note: At the present time, there are no amateur bands allocated above 275 GHz, but the IARU has proposed that allocations between 275 and 1000 GHz (1 TeraHerz) be considered at the World Radio Conference presently planned for 2006 - VE3PU)

Marco-Tubsat interference

VK7 News reports on the appearance of those data signals on three amateur bands and say they have been tracked to an earth-imaging satellite called MARCO-TUBSAT. VHF/UHF operators in Australia were among the first to monitor the satellite on 144.100 MHz and soon it was found to be on the 436.075 and 2401 MHz as well. Why this commercial satellite is using amateur frequencies is still unclear. The International Amateur Radio Union Monitoring Service is on alert and requesting reports on this intrusion so complaints can be handled through official channels. (Thanks to Qnews)

IRLP in Europe

So far IRLP activity is rather limited in Europe. As a rule, linking amateur radio signals to a telecommunications network is not allowed.

In Belgium, for example, there is a very recent amateur radio regulation, dated 9 January 2001, stating in Article 20, 10 : "The licensee shall not connect his station to a telecommunication network". Similar limitations may exist in other countries.

In the UK an IRLP system is in operation. according to G7WFM's website: "Following consultation with the Radio Society of Great Britain (RSGB) and a number of interested individuals, a change will shortly be made to the Amateur Radio Licence clarifying that connection of amateur radio to non-amateur networks will only be permitted by written permission from the Secretary of State. This change will not become effective until late January to allow time for licensees to apply for this special permission. Licence change's were made on the 31st January 2000 to all UK radio amateur licences".

Up till now, there does not appear to be a strong demand for IRLP in the European amateur radio community. But things could change rapidly.

(Thanks to Gaston, ON4WF)

AMATEUR ANTENNA BILLS FILED IN TENNESSEE

Tennessee has become the latest state to consider Amateur Radio antenna legislation. Identical bills were filed January 31 in both houses of the 102nd Tennessee General Assembly that would incorporate the essence of the limited federal preemption known as PRB-1 into state law. House Bill 2973 and Senate Bill 3058 would amend Tennessee law to require that municipalities regulating the placement, screening or height of radio antennas "reasonably accommodate amateur radio antennas" and impose only the "minimum requirements necessary" to meet legitimate local requirements. In addition, if the legislation is approved and signed by Gov Don Sundquist, municipalities in Tennessee would not be able to restrict the number of support structures for an Amateur Radio antenna. The proposals would limit municipalities from imposing restrictions on Amateur Radio antenna height according to a three-tier schedule. In rural areas with a population densities of 120 or fewer per square mile, the minimum regulatory height would be 200 feet; in areas where the population density exceeds 120 per square mile, the minimum regulatory height would be 140 feet on lots of an acre or larger and 75 feet on lots of less than one acre. Municipalities still would be able to impose requirements "to meet clearly defined objectives relating to screening, placement, aesthetic, and health and safety factors with respect to the erection, maintenance and operation of amateur radio antennas." The proposed bills



Why Should You Join RAC or Renew Your Membership ?

RAC is actively involved in the International Amateur Radio Union (IARU), which works with the International Telecommunications Union (ITU) to preserve and expand our [frequency spectrum allocations](#). No amateur radio spectrum - no amateur radio!

RAC provides members with a free Outgoing QSL Service to countries around the world. Fifty outgoing cards a year pays for your whole membership fee, and the rest is free. Look in TCA for the address of the Incoming QSL Bureau for your area.

Add to your QSL card collection by participating in the two annual RAC contests: the RAC [Canada Day Contest](#) and the RAC [Canada Winter Contest](#) in late December. Join the fun from 160m to 2m.

Work towards any of the [RAC Operating Awards](#) - the Canadaward, Transcanada, St Lawrence Seaway, and Provincial Capitals.

RAC [publishes books](#) that you need to get ahead. Beginners need our Basic Study Guide... and if you're upgrading, you'll need the Advanced Study Guide. Both Question Banks too. Traveling? You'll need our Repeater Directory (2m and 70cm). Logging? Use our nifty RAC Log Book. Get them all from your favourite amateur radio dealer.

The RAC [Field Organization](#) coordinates the activities of traffic-handling, emergency communications, and bulletin services across Canada. You can make a difference to your community by joining the RAC sponsored Amateur Radio Emergency Service (ARES) or the National Traffic System (NTS).

RAC now issues the [CEPT](#) and [IARP](#) international permits so that you can operate your station in many countries without additional permission. This can save you a lot of time and effort.

Our volunteers are hard at work on more benefits for our members. When they are ready, you will see them here. But even with all those volunteers at work for you, we need your financial support to carry on the work.

We know that ham radio is important to you. You need RAC . . . and RAC needs you.

[Please join or renew today](#)

would grandfather amateur antennas already in place before the effective date of the legislation. Both bills now are in committee. The full text of the proposed bills is available on the Tennessee General Assembly Web site <http://www.legislature.state.tn.us/bills/currentga/BILL/HB2973.pdf>

Thirteen states have incorporated the essence of PRB-1 into their laws. A measure awaits the governor's signature in Wisconsin. New PRB-1 legislation or bills to expand existing PRB-1 laws are under consideration in at least three other states. (ARRL)

Call for Papers

Call for papers issued for ARRL/TAPR Digital Communications Conference: A call has been issued for technical papers for presentation at the 21st annual ARRL/TAPR Digital Communications Conference. The DCC will be held September 13-15, 2002, in Denver, Colorado. Papers also will be published in the Conference Proceedings, available from the ARRL. Presentation at the conference is not required for publication. Papers are due by August 5. Conference registration details and updates are available on the TAPR Web site <http://www.tapr.org/dcc>. The ARRL/TAPR Digital Communications Conference is an international forum for radio amateurs to meet, publish their work, and present new ideas and techniques. Presenters and attendees will have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications. Topics include, but are not limited to, software defined radio (SDR); digital voice; digital satellite communications; global position system (GPS); Automatic Position Reporting System (APRS) and short messaging; digital signal processing (DSP); HF digital modes; Internet interoperability with Amateur Radio networks; spread spectrum; Amateur Radio use of 802.11 technologies; TCP/IP networking over Amateur Radio; mesh and peer-to-peer wireless networking; emergency and homeland defense backup digital communications; using Linux in Amateur Radio; updates on AX.25 and other wireless networking protocols. E-mail papers to Maty Weinberg, KB1EIB, at ARRL Headquarters "maty@arrl.org"; (ARRL)

Bulletins to "home.com" e-mail addresses

The demise of home.com has meant that many subscribers to the RAC Bulletins have been dropped from the mailing list. Those readers are reminded that to continue to receive RAC Bulletins, it will be necessary for them to re-subscribe with their new e-mail addresses. to subscribe please go to:

[Http://www.rac.ca/~racnews/othernotices/racbullemail.htm](http://www.rac.ca/~racnews/othernotices/racbullemail.htm)

Bulletins

RAC Bulletin 02-003E

LOU signed

A Letter Of Understanding (LOU) between Radio Amateurs of Canada (RAC), sponsor of the Amateur Radio Emergency Service (ARES) program, and the British Columbia Provincial Emergency Radio Communication Service (PERCS), was recently approved and signed.

The LOU represents the collaboration of RAC BC Section Manager Fred Orsetti VE7IO and Supervisor Information and Communications Technology, Provincial Emergency Program Andrew Bryan VE7KSN, to provide a cooperative plan to carry out emergency communication. The LOU will be posted on the RAC and PERCS web site for information and circulation.

This LOU further enhances the work of the ARES program and compliments the Memorandum of Understanding signed May 1994 between RAC and Red Cross.

Super Hi-gain co-ax out soon

Not to be outdone by the famous VK range of products, there's a new kid on the block, namely T-E-L-I who have come up with a new Super Hi-gain coax.

TELI developers have introduced the product primarily as a signal booster in radio and TV transmission lines.

Normally with conventional transmission lines there is always some loss depending on the frequency and/or the electrical characteristics of the cable. It was discovered by the TELI folk however that when a bias voltage was applied to the special material used to make the Hi gain co-ax the effect was incredible, the signal strength increased. Amplification of RF signals in the new transmission cable actually increased by 3db per metre length !

Now this means that for every metre a signal travels through the cable, the signal strength doubles !! Put in 1 watt of power into a 1 metre length of cable and you get 2 watts at the other end (provided you apply the bias voltage). 1 watt into a 2 metre length and you get 4 watts out ! and so on. Doubling the power at every 1 metre means that the total effective power of the signal exceeds 1000 watts by the time it has travelled just 10 metres up the line !

Now we all know from accepted scientific principles, that there comes a time when things are governed by the law of diminishing returns, in other words things begin go bad. Amazingly though, with TELI Hi-gain co-ax this is not so, the sky is the limit, but a word of warning, it's not ready for sale just yet.

Designed to be strictly used in very short sections, say between a standard co-ax and the antenna, extreme caution is needed when using longer lengths. A situation could quickly develop where the signal would have more energy than the whole antenna system could stand.

Reports have surfaced to the effect that some of this revolutionary cable may have accidentally found it's way into Amateur hands. Without official specifications or safety guidelines, TELI scientists warn that this will cause serious hazards for the uneducated. To further illustrate the position, a 5 metre run would give 32 watts, with a 10 metre length of cable producing 1,024 watts. By the time the cable run extended to 20 metres, a staggering 1,048,576 watts of power would be to hand. Of course most power mains breakers would trip long before the million watt level was achieved. Just the same, once the signal starts up the transmission line the Peak Envelope Power climbs so fast, that there's a possibility that the current would jump the open switch gap.

Power would continue to increase until the mains power lines evaporated in an artificial bolt of lightning, showering surrounding structures in hot plasma and sparks, a veritable nightmare for firefighters. T-E-L-I scientists have therefore asked us to warn anyone who is offered some of this revolutionary Hi gain co-ax to contact them immediately before attempting to use it.

Tests are continuing and we'll keep you posted on further developments. (Stuart VK3UAO/Keith VK3JNB) (APC news)

NBTV software available

We've previously reported on the activities of the British Narrow Band TV Association, which specializes in low-bandwidth, low definition television transmission. Keener members have rebuilt Baird television apparatus to transmit and receive mechanical TV pictures.


However NBTV has been made much easier with the availability of new software. The software appears on ON1AIJ's website. Just click 'English' and then 'software'.

NBTV URL: <http://users.pandora.be/ON1AIJ/index.htm>

**DIAMOND
IMAGE**

Floyd Rolph VE4 FDR
835 Cavalier Drive Tel: (204) 888-3227
Winnipeg, MB R2Y 1C6 Fax: (204) 831-6400

- South Western & Victorian home decor
- ty Beanie Babies
- Balloon bouquets & decorating
- Gifts
- Printing eg: Business cards, letterhead, envelopes
- Wedding invitations



News Winnipeg Senior Citizens Radio Club

By Gil Frederick, VE4AG, President

Grab a pen and make a slight change on your calendar, for the WSCRC Christmas Party date. To get the same caterer as last year (an excellent dinner), we have had to move the day to TUESDAY, DECEMBER 10, 2002. This date has also been confirmed by the Assiniboia Christian Centre on Portage Ave. at Rouge Rd., the location for last year's dinner.

It is always sad to report on deaths of our members, and at this time, two have become Silent Keys: Keith McConnell, ex-VE4BC, and Joe Butchard, VE4NY.

Keith was a founding member, and because of his efforts, the Club was of great benefit to anyone associated with its activities. Keith was, during his years with VE4WSC, a Secretary, a President, a Breakfast Coordinator, Theory & Code Instructor, an excellent Public Relations spokesman, and gave technical support when setting up the operating stations at both locations of the WSCRC. Many of our present members, and other Hams who got their Ham licence training at the Club, can tell you how important Keith was to them. Keith lost Judy, his xyl and help-mate, in 2000. After 2 strokes, Keith was confined for the past 3 years in a nursing home. He was 90 years of age when he died on Thursday, February 21.

Joe, who was licensed in 1935 as VE4NY, joined our Club in 1994, and remained a member until his death on Saturday, February 23, at the age of 82. To the families of both, we offer our heartfelt sympathies and condolences.

The CW Class at the club has seen its student count drop from 18 to 8. The exam took place on March 4th. Results will be in the Blips 'n' Blurbs and next month's Newscaster.

We've had good comments on the 2 articles submitted for publication in the Sparks, by Paul Palace, VE4PXP: "The Old Fire Hall", and "Does Anyone Remember Radio?". Paul is a prolific writer, whether it be songs, poems or short articles or stories. His latest article, a letter to Charles Adler of CJOB, called "How Rich is Rich?", will be published in

'Blips 'n' Blurbs'. You may have already heard this read over the air, but its impact is no less when read from the printed word. Keep them coming, Paul!

We are continuing to obtain members' e-mail addresses. If we haven't got yours yet, please send an e-mail to the Club: ve4wsc@mts.net

The Guides-On-The-Air Weekend (G.O.T.A.) was held at WSCRC, when VE4GGC (Girl Guides Canada) was activated. Saturday saw a lot of on-air-activity with Guides and Guide Leaders, but Sunday saw little – there were no Guides attending, but on-air contacts were made with stations with Guides. We thank these members who took part:

Alf, VE4ALF; Adam, VE4SN; Lila, VE4LIL; Roy, VE4ROY; Ed, VE4YU; Bill, VE4WCM; and Colin, VE4JCM. We have had a letter of thanks from the 6B Girl Guides of Winnipeg Troop, with the comment "we really had a lot of fun".

A WSCRC member, Ken Brock, KB0K, has written, and part of his e-mail reads, "I am an American living here in Port Isabel, Texas. However, I have spent the last several years visiting Winnipeg in the summer. I am in touch with Winnipeg with the ilink repeater (ve4sbs), but would like to see others on the single mode of www.aacnet.net ilink.". Ken's e-mail address is brockken@hotmail.com.

Will all members make note of the new phone number for Willard Elliott, VE4WJE, our Education Coordinator; it is 779-3193. We welcome one new member this month: David Wood, VE4KU. Glad to have you with us, Dave.

We are looking for volunteers for our Phone Committee. If you have time to make calls (a few times in the year) to about ten other members, with notices of upcoming events and special news, please get in touch with Paul, VE4PXP, the Coordinator. And Paul, VE4OPC, is still looking for a few more Duty Officers for Monday and Tuesday. If you can handle even ½ day each week, please put your name on the sign-up sheet at the Club.



The Red Cross HQ station in Ottawa is now back on the air. Listen for VA3CRC each Sunday on the Red Cross National Net, at 1900Z, on 14.128 MHz., and please check in if you're on frequency.

Our next Breakfast will be held on Thursday, March 7th, at the Garden City Inn, McPhillips at Jefferson. Time is 9:00 a.m. Thanks to all who made the Valentine's Day breakfast last month the success it was. The winners of the 2 special prizes enjoyed their gifts, which were: a set of His & Her fine china cups with 'heart' handles (donated by Gil, VE4AG and xyl Beryl) and won by Adam, VE4SN & xyl Sylvia; and chocolates & 'flimsy' things (donated by George, VE4GNG) and won by Helen McMenemy. The draw prize (a surprise box donated by George, VE4GNG) was won by Ed Kowalchuk, VE4CZ.

The CLARA CONTEST is coming up, and you are invited to enter! Dates are March 19, beginning at 1700Z, and March 20, ending at 1700Z. We will have full details posted on the club bulletin board, or available on the WSCRC homepage well before contest date.

CLARA has also announced a new Award, called the 33 Award. You must work 33 yls between February 13, 2002 and December 31, 2002. Contacts cannot be during nets or contests – all other contacts count. Further info can be had by checking into the Clara Net, Tuesdays at 1700Z, on 14.120.

The next Board meeting will be held on Wednesday, March 20, at 10:00 a.m., and we'd like to see all Board members present – the 2001 Audit Report will be presented by Albert, VE4AX and Joe, VE4WF.



RAC 2002 National Convention

The RAC2002 National Convention Committee is proud to announce that online registration is now available on RAC 2002 National Convention website.

There are two easy ways to register:

- 1) Print the registration form available online, and mail it along with your cheque to the address provided.
- 2) Register online with your visa or mastercard number.

Minutes for W.A.R.C. February 11th, 2002 Submitted by Ruthie, VE4CRS

Meeting called to order at 1935 hours by Vice President Tom VE4SE. Tom introduced Gordon Jewsbury VE7TGR of Kelowna. Introductions followed. Tom welcomed 30 members and 3 guests.

Correction to January minutes: - Adam's call-sign VE4SN, not VE4SE. Motion to accept minutes of January meeting with above correction, by VE4HK, seconded by VE4JS. Carried.

Darcy Wilson VE4DDW stepped down from Presidency; Tom Mills VE4SE, Vice-President, will step up instead of Darcy. According to by-laws, vacancy may be filled by any board member. Motion to accept by Bill VE4DL, seconded by John VE4JNF. Carried.

Correspondence

QSL card from VE3RAT, Thornhill Amateur Radio Club.

Treasurer's Report Sue VE4SYM

Income statement for January 31, 2002.

Revenue	\$ 153.12
Expense	\$ 569.80
Total expense	(\$ 416.68)
Bank balance	\$4,843.97

Motion to accept report by VE4KU. Carried.

Programs Glen VE4GWN

Programs: - March 11, 2002: - Sun Valley Venturers and their experience in PEI last summer. April 8, 2002: - Home Brew Night in cafeteria.

Membership Mariska VE4MMG

Total paid membership 160. The highest in past years was 200-215 members. Ordered jackets are ready. Members to make arrangements to pick up jackets directly from tailor. Cash or cheque only, no visa or debit card. Address:

Shanter Sportswear, 930 Mountain Ave.

Store Hours: 8:00 AM – 4:30 PM Mon. – Fri.

10:AM – 4:00 PM Sat.

WPGARES Jeff VE4MBQ

Approximately thirty WPGARES members and associates provided volunteer amateur communications on 9,10 Feb. for Festival du Voyager Sled Dog Races at the Forks. This was the 62nd Public Service Event Next monthly meeting Tues. 19 Feb. 1900h at Sir Wm Stephenson Library.

Gord Snarr VE4GLS is looking for amateurs to assist South-Central ARES with Sled Dog Races in Morris 16, 17 Feb. If interested can contact Gord via e-mail:

Ve4gls@rac.ca or phone.

MB Marathon Jeff VE4MBQ

Members of the WARC-WPGARES Marathon Committee are Richard Kazuk VE4KAZ, Wayne Schellekens VE4WTS, Technical Adviser Yori Tsuji VE4ACX, Chairman Jeff Dovyak VE4MBQ. Derek Hay VE4HAY will be Net Controller for the Admin Net – his input will be valuable. Reporting to WARC Executive via Glen Napady VE4GWN and directly to WPGARES membership.

Kay Quinn and Ralph Lavallee turned over documentation dealing with past years, which will be reviewed and then passed on to committee members. Hoping to arrange for repeater use and location for Net Control by end of March. Sign-up sheet for volunteers at WARC table during April Flea Market. Marathon on 16 June, 2002.

DX Sleuths Adam VE4SN

1. Araucaria DX Group will sponsor Dxpeditio to Trindade & Martin Vaz Archipelago Feb. 18 through Mar. 22, 2002. Operations on 160 – 6 meters including WARC bands. Listen for: PW0T.

2. On RAC website, link to Dxfinder UFT. Complete DX news, with Dxpeditio listed until 2006. Direct URL address: - <http://www.uft.net/dxpeditio.htm>

Flea Market Tom VE4SE

In need of coordinator. (While typing these minutes Ed Horton VE4EIH has agreed to co-chair.) Thank you Ed!

Tom VE4SE and Ruth VE4XYL in charge of selling tables and food. Venue is booked and paid for.

Field Day Bob VE4RCJ

Bob VE4RCJ has agreed to co-chair. Needs other members to coordinate with him. Explained why the need for multiple coordinators and gave quick run-down of positions and problems to work out. Birds Hill site needs to be booked.

International Ham Fest 10 dollars US admission.

New Business

1. Gordon VE7TGR: - was president of Orchard City ARC. Club co-hosting 2002 RAC convention in Vernon BC, July 26, 27, 28. Can register on-line at www.rac2002.org Site of convention has many additional attractions. Great door prizes. Looking for speakers to volunteer. Will be largest convention in history of Canada, estimated 1000 –2000 people to attend. Recommended to book hotel now.

2. Newsletter: - Floyd VE4FDR is printing the Newscaster gratis. His ad appears in Newscaster. Private business. Also does QSL cards. Derek emails Newscaster directly to him for printing.

3. Elections: - Arranging for nominating committee. (While typing these minutes, David VE4DAR has agreed to chair nominating committee.) Thank you, David!

Winners:

Draw: - Tom VE4YG – tool set.

Attendance: - Yori VE4ACX – flashlights.

Thank you Louis VE4PLJ for your enlightening presentation. We appreciated your being so frank and open with us, and we have learned from your experiences.

The Phonetic Alphabet

Alpha	November
Bravo	Oscar
Charlie	Papa
Delta	Quebec
Echo	Romeo
Foxtrot	Sierra
Golf	Tango
Hotel	Uniform
India	Victor
Juliet	Whiskey
Kilo	X-ray
Lima	Yankee
Mike	Zulu



Missing from picture, Maiko, VE4KLM



ARTICLE S25

Amateur services

Section I. Amateur Service

S25.1 § 1. Radiocommunications between amateur stations of different countries shall be forbidden if the administration of one of the countries concerned has notified that it objects to such radiocommunications.

S25.2 § 2. 1) When transmissions between amateur stations of different countries are permitted, they shall be made in plain language and shall be limited to messages of a technical nature relating to tests and to remarks of a personal character for which, by reason of their unimportance, recourse to the public telecommunications service is not justified.

S25.3 2) It is absolutely forbidden for amateur stations to be used for transmitting international communications on behalf of third parties.

S25.4 3) The preceding provisions may be modified by special arrangements between the administrations of the countries concerned.

S25.5 § 3. 1) Any person seeking a licence to operate the apparatus of an amateur station shall prove that he is able to send correctly by hand and to receive correctly by ear, texts in Morse code signals. The administrations concerned may, however, waive this requirement in the case of stations making use exclusively of frequencies above 30 MHz.

S25.6 2) Administrations shall take such measures as they judge necessary to verify the operational and technical qualifications of any person wishing to operate the apparatus of an amateur station.

S25.7 § 4. The maximum power of amateur stations shall be fixed by the administrations concerned, having regard to the technical qualifications of the operators and to the conditions under which these stations are to operate.

S25.8 § 5. 1) All the general rules of the Convention, the Convention and of these Regulations shall apply to amateur stations. In particular, the emitted frequency shall be as stable and as free from spurious emissions as the state of technical development for such stations permits.

S25.9 2) During the course of their transmissions, amateur stations shall transmit their [call sign](#) at short intervals.

Section II. Ama Service

S25.10 § 6. The provisions of Section I of this Article shall apply equally, as appropriate, to the amateur-satellite service.

S25.11 § 7. Space stations in the amateur-satellite service operating in bands shared with other services shall be fitted with appropriate devices for controlling emissions

in the event that harmful interference is reported in accordance with the procedure laid down in [Article S15](#). Administrations authorizing such space stations shall inform the Bureau and shall ensure that sufficient earth command stations are established before launch to guarantee that any harmful interference which might be reported can be terminated by the authorizing administration (see No. [S22.1](#)).

Editors Ramblings

By Derek VE4HAY

Did you know

✉ IRLP is rapidly growing, and the number of nodes online reached 337 last month. By year's end it is expected that 500 nodes will be active. Canada currently has over 100 IRLP nodes. The latest details of active nodes can be found at <http://status.irlp.net>

✉ The ARRL 2002 Field Day rules package is now available on the ARRL web site at: <http://www.arrl.org/contests/forms/index.html#FD>

✉ Now get an earful of this ... It's a well known medical fact that wearing Headphones for just 1 hour per day can increase the bacteria in your ears by over 700 times. And if you didn't catch that, forget it, we're not repeating it, get your ears cleaned out. (Keith VK3JNB)

✉ If you like Poptronics magazine then check this web site. <Http://www.poptronics.com/archives/pdf/>

✉ A great online guide is available for new HAM's or for those who just want an update on what happening in the hobby. Check out this site: <Http://www.kwarc.org/beginners.html>

Well another newsletter is done and complete. And this time I have left over articles. While searching the net this last month I found a few sites that were of interest. One of them is the RAC convention site www.rac2002.org. Click here for those who receive this via e-mail. If you receive this via snail mail, then cut and manually paste to your browser. Anyway, if you are looking for a vacation spot this year, why not take the drive and make the convention.

As you can see, I am trying to include reasons for joining RAC in the newsletters. For those who are members already, then you know why. For those who are not, maybe the articles will show you what you are missing out on. Give it a read and think about joining. You really have nothing to lose. 73