

# News caster

The Official Publication of the  
Winnipeg Amateur Radio Club  
The Winnipeg Seniors Citizen's Radio Club

mailing address  
Newsletter Editor  
W.A.R.C.  
C/O VE4WSC  
598 St. Mary's Road  
Winnipeg, MB  
R2M 3L5

February 1995

## Amateur Radio Emergency Service

by Jeff, VE4MBQ Wpg - EC

Date: February 13, 1995

Time: 7:30 p.m.

Place: Sturgeon Creek Regional Secondary School

### Other Important Dates:

Articles: Feb 27 deadline - March newsletter  
Mar 27 deadline - April newsletter  
Apr 24 deadline - May newsletter

WARC: Mar 13 - Future meetings  
Apr 10 - Home Brew Night  
June 24-25 - Field Day

WSC: Feb 15 - Exec Meeting  
Mar 15 - General Meeting

ARES: Feb 21 - Meeting

Other: Sep 10 - Austin Ham Fest  
Sep 10 - MRS General Meeting @ Austin

WARC: Executive for 1994/95

President: Barret Filbert - VE4ABA  
Vice-Pres: Richard Kazuk - VE4KAZ  
Secretary: Dick Maguire - VE4HK  
Treasurer: Gary Smith - VE4YH  
Past Pres: Dave Panting - VE4EF  
Program Chairman: Rob Kaufman - VE4GV  
Membership/News caster: Keri Kazuk - VE4KER  
Flea Market: Alan McIlwain - VE4AKM  
Members at Large: Jeff Dovyak - VE4MBQ (Wpg EC)

### Notes from your Editor: by Derek, VE4HAY

The weather is warming, so if anyone has not installed that new antenna yet, you had better hurry up. You know the saying, it performs best when installed in the colds of a Winnipeg Winter. Thank you to Tom, VE4AKI for his product review this month. As well as for the 2 other articles he has submitted. Also a thank you to Ed, VE4YU for his article on Field Day. I hope that this will explain what Field Day is all about and why as Amateurs we wait for this day each year. I hope everyone carefully reads this article and will plan on attending. The more that attend the better it will be. Please make it a family affair, get everyone involved. It may be your hobby, but the whole family shares it with you.

As you may have notice, I have been receiving the RAC e-mail edition just before I put this newsletter to print. So now everyone is informed with the latest breaking news. And with that please look for the Special bulletin about EMCAB-2 that RAC posted. I (and all my co-workers and friends) have received a letter from my MP and the Minister of Industry explaining the Governments position on EMCAB-2. This just goes to show you that your voice does count. Yours and the many voices of RAC and it's members who sponsored the write in campaign.

### Words from the President of WARC: by Barret, VE4ABA

It sure is good to see that RAC (Radio Amateurs of Canada) the voice of hams in this country, have been successful with Industry Canada in the opposition of radio frequency interference control explained in the EMCAB-2 document. EMCAB-2 has now been put on hold by industry Canada until further notice "Bravo!!"

Also to mention the 220MHz band, one of the few primary allocated band we have, will be left alone. RAC encourages use of the band, as it will probably be the

most wanted by commercial companies in the future. There is a repeater downtown that supports 220 (224.94MHz with a minus 1.6Mhz split). It's a no-frills machine, open to all hams.

A big thank you goes out to RAC for the support and I think all of us should support RAC as well. Become a member now.

Last months meeting was very interesting thanks to Allen, VE4AKM and his ni-cad battery review. The turn out was very good, lets keep it up.

## **Winnipeg Senior Citizen's Radio Club. released by Adam, VE4SN (President - 95)**

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### **Board of Directors:**

John Agar, VE4EI  
Ruth Breckman, VE4RMB - Phone Committee  
Bill Davis, VE4WU - Health & Welfare  
Albert Diamond, VE4AX  
Tom Faulkner, VE4PEG  
Mike Fedak, VE4ABV - Social Committee  
Lila Forrester, VE4LIL - Health & Welfare (Chair)  
Harvey Hanson, VE4CK  
Harsha Godavari, VE4SAI  
Lorne Kristjansson, VE4RLK - Computers  
Colin McBeath, VE4JCM - Housekeeping  
Jim Ross, VE4AJR - Finance Committee  
Eberhard Schumann, VE4ZI - Technical  
Arch Tingley, VE4AAI - Membership

### **Committee Heads**

Sandy Sandwith, VE4SZ - Training & Education  
Gil Frederick, VE4AG - Public Relations  
Sam Schneider, VE4KS - Security  
Tom Mills, VE4SE - Red Cross Emergency

Discussed at the January 18 Board meeting was the consideration of an EC for the Club.

### **News of Interest:**

Membership is actually 156 - a miscount was made by our membership chairman (he being a very optimistic person, hi!) A new BBS called SCIP, a service for seniors, is being set up here in Winnipeg. Our club will be involved in this when it is up and running. For further information, see Harsha, VE4SAI. The Blue Sky FreeNet will soon be another vehicle which we will have access to; and perhaps be a listed 'topic' on this board. New members are encouraged to attend the daily activities at the clubrooms - come and make yourself known - familiarize yourself with the equipment and its operation -

get involved in whatever activity interests you. This is YOUR club - make good use of it.

The latest ham radio course of instruction is now in session. A large number have enrolled (16 or so), with at least 6 taking the CW portion as well. Adam, 4SN, expressed his pleasure at the calibre of the teaching under Sandy, VE4SZ, and knew this class would gain tremendously from Sandy's expertise.

A handout brochure is being prepared, with the help of many members, including Keith, VE4BC, Ruth, VE4RMB, and Tom, VE4TSM, which explains the reason for the existence of the Winnipeg Senior Citizens' Radio Club, gives the current activities that are being offered, including those in the public service, and a brief history of this organization. Any member with a good background in the full history of this group, please contact Gil, VE4AG, who is preparing the brochure.

Next meeting of the Board of Directors: 3rd Wednesday in February - the 15th.

### **Tax-deductible receipts**

Anyone receiving a receipt for a 1994 charity donation to the Winnipeg Senior Citizens' Club, please check that your receipt shows the Seniors' Club NAME, ADDRESS and POSTAL CODE. Some receipts may have been issued without this important and necessary info for tax-deductible consideration. If you have such a receipt, please check with treasurer Tom, 4TSM, for action to take.

### **Monthly breakfasts - update**

Notice is given that a SMORG table will be available at the WSC monthly breakfasts, beginning with the FEBRUARY 9 breakfast. Breakfast cost is \$1.99 + beverage + tax. Those on a special diet can order from the regular menu.

### **NCStations for the 9 am (147.39) Seniors' Net,**

as arranged by Jim, 4AJR (NM).

February 6: VE4OPC, Paul

February 13: VE4AJR, Jim

February 20: VE4SM, Scott

February 27: VE4RHG, Dick

All are invited to join this happy morning net. After a brief preamble, the net controller usually begins with his very personal and thought-provoking 'editorial', and all are invited to check in and discuss any current affairs - with the addition of an anecdote, witty saying, or bit o' wisdom. So, no matter who you are, or where you are, please check in to this 'start the day with a smile' net.

### **SENIORS' ATV REPEATER IN OTTAWA**

*from the RAC news service comes this:*

Bill Westbrook, VE3EKA, chairman of the seniors' video repeater committee of the Pioneer Amateur Radio Club in Ottawa, reported that on December 13, 1994, a video signal was put on the air for the first time on 914 MHz, from the video repeater VE3TVA, using the newly installed antenna at CJOH. VE3TVA in Ottawa operates on 439.250 MHz receive, 914.000 MHz transmit.

### **ARES Committee Report by Jeff, VE4MBQ**

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Our December meeting at the City of Winnipeg EOC was very well attended. Emergency Coordinator Mark Bennett gave a thorough overview of emergency preparedness as it relates to Winnipeg. Our January meeting with Frank Caldwell (who would act as the Public Aid Coordinator if the EOC swings into action) had a sparse turn-out - hopefully a bit of fresh snow and icy roads will not be a big barrier to an emergency response by Winnipeg ARES. The February meeting is Tuesday 21 Feb., 1900 hrs. at St. John Ambulance HQ, the guest speaker will be inspector Eric Hrycyk from Winnipeg Police Service.

Mark Bennett has recently provided individual letters for Winnipeg ARES members to present their employers with - hopefully the member will be able to leave his regular job in the event of a communications emergency. Winnipeg ARES will be providing amateur communication for the 1995 Winnipeg International Airport Airshow, June 10 & 11. The assistance of non-ARES volunteers would be greatly appreciated. New amateurs as well as "old" hams are welcome to participate in this great operating experience. A 2m handheld radio and twelve hours of your time each of the two days is required. Sign-up sheets will be available at the next ARES and WARC meetings.

The following supporters of Winnipeg ARES deserve special mention:

Doug VE4DUG for providing a laminator and pouches for our ID cards, Bob Mallette at Kellett Copy Centre for producing Tactical Message Forms, and last but not least Rick Scott at Garden City Radio Shack who readily agreed to lend me a HTX-202 when mine was down once I explained my involvement in ARES. I guess we will be looking at acquiring a couple of reserve handhelds someday.

### **Hints & Kinks by Ralph, VE4RY**

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If you need an antenna switch, try using good quality toggle switches. If the leads are kept short and power levels are 100 watts or less they work quite well, even at VHF.

One I built for HF has an SWR of 1.2:1 and one I use to compare VHF antennas is at worst 1.3:1, which isn't that far off what you'd get with ceramic switches. I think the power level is the most important consideration. Also, Try to keep the connecting wires as short as possible and separated and not parallel to each other, if possible.

### **MINUTES FOR W.A.R.C. - Jan 9, 1995**

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Meeting began 7:40 pm Barrett VE4ABA presiding  
Introductions. Between 50 and 75 present.  
Minutes of December meeting approved as  
published in the Newscaster. Moved VE4VQ, seconded  
VE4RBF, CARRIED

#### Business Arising

VE4MP asked what the executive planned to do with all the money in the bank account. VE4ABA replied that he has lined up a public address amplifier (donated by VE4HAY) to use at meetings and flea markets etc.

Correspondence - The only correspondence received was memberships. These were turned over to VE4KER

Treasurer's Report - There was no Treasurer's report, due to the absence of Gary VE4YH our treasurer

#### Committee Reports -

Towers-report from Jeff VE4MBQ, as per copy.

Newscaster Derek VE4HAY stated that his "bin was empty". He needs lots of articles for the Newscaster, or it will be reduced to one page. (semi seriously) He will have a series of articles, published by the Ottawa Valley Mobile Club, as soon as he receives a disc with the information. Ian VE4MUD, a former member of that club, is assisting to acquire the data. VE4HAY thanked everyone who ordered and especially paid for their 9913 coax cable. VE4HAY also congratulated Dave VE4EF, on being elected as Regional Director for Radio Amateurs of Canada.

Classes Rick VE4OV mentioned that the new classes will begin January 22, at Sturgeon Creek. He has

handouts for anyone who is interested. VE4OV also showed us the text, published by the Ottawa Valley Mobile Club, which he uses in his class.

Programs Rob VE4GV noted that the February program would feature Jeff VE4MBQ, speaking about Winnipeg ARES. March is TBA, and April will be Homebrew Night. VE4GV also announced that Field Day is coming soon, and WARC needs volunteers. VE4YU, VE4SN, and VE4ACX are chairing the Field Day committee. The executive of WARC wishes to have Field Day at Falcon Lake. We need lots of help. Jim VE4AJR asked the dates for Field Day. VE4GV replied June 24 and 25. He also advised that Derek VE4HAY, whose family owns the Falcon Lake Hotel, offered an excellent rate for rooms and meals. Lots of other entertainment for family members, including horseback riding, walking, nice beach.

Flea Market Allen VE4AKM stated that the West Kildonan Arena was booked for the weekend after Good Friday. Times TBA. He requested input from clubmembers.

RFI committee VE4ABA brought forward that WARC needs an RFI committee. He requested volunteers. VE4JS volunteered, along with VE4OV and VE4ACX who offered to act as technical advisers.

#### Notices for the Good and Welfare

Al VE4ZB announced that there were a lot of new nets starting. He would like to begin an 80 meter net for CW or SSB QSO's, operating techniques, etc. This net is necessary for new hams. VE4GV stated that even slow speed operators would be welcome to join contests. VE4YU thought that hams should use CW when qualified for HF. VE4AKI added that local hams should establish a local CW calling frequency. After some discussion the group settled on 3650 KHz

VE4ABA advised that VE4JBN and VE4II will be in South Carolina for a 6 month sabbatical

There will be no WAWA QSO Party in 1995

VE4ABA advised that 220 MHz is still a primary ham band. VE4ABA, VE4KV and VE4AAS co-own a 220 MHz repeater, VE4RPT. It is an open repeater, and features no intermod.

Jackets. WARC has three people wanting jackets, so far. We need 12 before the taylor will make them. See VE4ABA or VE4HK if interested

Adjournment 8:35 VE4EN

The meeting resumed at 9:00, with Allen VE4AKM giving his presentation on how to use, discharge and charge Nicad batteries.

Final adjournment 9:45

## **Brandon News** **by Bruce, VE4BWA**

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The results of the Brandon Amateur Radio Club's BARC yearly elections are:

President	Walt Gibbons	VE4OO
V-Pres.	Mike Mudray	VE4OM
Treasurer	Lisa Wilkins	VE4LIS
Secretary	Leroy Hackett	VE4AZ
P-Relations	Bruce Arsenault	VE4BWA
ARES. REP.	Bill Graham	VE4QG
Repeater Rep.	Gerry Gagnon	VE4GX
Social Dir.	Gina Arsenault	VE4NSU

The Brandon club's newsletter, Sparks, might be going out on Packet for those of us who can receive it that way, in an attempt to offset the cost of publishing and/or mailing it out.

## **VE's Hall of Fame** **by Blake, VE4AFF**

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RAC is establishing a Canadian Hall of Fame. anyone may be nominated and all nominations are confidential. Manitoba has produced many outstanding hams, both living and silent key, and I would imagine most of us can think of someone worthy of this honour. If you have someone in mind please contact me and I will be happy to forward as many forms as you require. When speaking to amateurs in rural Manitoba please let them know as well.

One of my duties as Section Manager is to submit a report for RAC magazine. I would appreciate hearing from anyone who would like something included in the article. These need not be sanctioned RAC activity but anything to do at all with ham radio, wether it be an interesting QSO or unusual propagation or contact with another amateur other than by the airwaves, as on a vacation or trip. I would ask those club members that read article and subsequently talk to hams outside of Winnipeg to pass the word along to them as well.

## **RAC NEWS** **Received via E-mail**

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### **BRIEFS**

*Source: ARRL newsletter.*

The November 1994 edition of QST at 272 pages was said to have set a record for size.

W1AW has reoriented its beams for 10,15 and 20 metres to provide better coverage of the southeastern states. The 120 foot tower now has upper antennas on those bands pointed west and lower beams, fed in phase, pointed south.

### **INFORMATION ON YOUR RADIO LICENCE MAY BE SHARED**

The Ottawa Valley ARC bulletin reports that Industry Canada will release to the public all information that appears on radio licences to facilitate frequency co-ordination between users. A fee for this information may be charged. Exceptions are made when information relates to national security, to federal, provincial or municipal police operations or operations pertaining to foreign governments and embassies.

The release of licence information is said to be of benefit to Amateurs using bands shared with other services who want to co-ordinate Amateur frequencies with those of other services on the band.

### **RAC CALGARY CONVENTION NETS A PROFIT**

*From Calgary ARA Key Klix*

Ken Oelke VE6AFO reports that the final audited figures are in and the RAC first national Convention resulted in a profit of more than \$13,000. The postal box has been closed and mail is now being delivered directly to the office. Please address your mail to: Radio Amateurs of Canada, 614 Norris Court, Unit 6, Kingston, Ontario K7P 2R9.

### **FREE GEOMAGNETIC FORECASTS**

*From the Pioneer ARC Teleparc*

Energy, Mines and Resources Canada, Geophysics Division, studies solar activities from its Algonquin Park facilities and prepares regular reports which are available to the public free of charge. Those receiving these reports will get a review of geomagnetic activity affecting the polar cap, auroral, and sub-auroral zones for the period as well as a prediction for the next period.

Seventy-two hour forecasts are also available by calling (613) 992-1299 in Ottawa for a recorded message. You can direct calls for information on available services to (613) 837-3527.

### **25TH ANNIVERSARY FOR AMSAT**

According to a report in The Hamilton Amateur last November, AMSAT recently celebrated their 25th Anniversary. The Radio Amateur Satellite Corporation is a scientific, educational non-profit corporation devoted to providing satellites for the Amateur Service and disbursing information on how to use them to hams all over the world.

Robin Haighton VE3FRH is the AMSAT Area Coordinator for Ontario. He recently spoke at a meeting of the Hamilton Amateur Radio Club.

### **RESULTS OF SCARBOROUGH ARC MEMBERS SURVEY**

When asked if they normally attend club meetings, 97.5% of those responding to a recent SARC members survey said they did. 65% said they would like to hear better speakers at those meetings. Just 10% said the business portion of club meetings needed to be shorter. About 80% of this club's membership is over 50 years of age, and 50% have been licensed under 10 years.

While 15% report an involvement in packet radio, none of the respondents said they are currently involved with ATV, moon bounce or direction finding. HF holds the greatest interest for club members with 32.5% involved. VHF is close behind with 30% involved. UHF users amount to 15%. CW is of interest to 12.5%. 12.5% said they were interested in operating as a club in other contests.

Only 5% said they wanted to see family events like dances, while 42.5% said training/building workshops are important to them. 75% said they thought the club should have a construction project.

The survey indicated that 77.5% of those responding like technical articles in the club bulletin. About 50% said they like articles regarding legislation affecting the hobby. General topics are of interest to 60% responding while home brew is found interesting by 52.5%. RAC news is of interest to 35%. The survey covered a wide range of topics with only a representative sampling being mentioned here.

An article separate to survey results in their bulletin said that the club membership has been on a steady decline for some time, dropping by almost 50% over the last three years. There are 84 members listed on the current club roster.

### **SCANNER AIDS POLICE**

Two Ottawa men didn't get away with their crime thanks to a little luck and someone monitoring the police frequency. The crime involved the theft of an automated teller machine in Kingston containing almost \$75,000. Damage to the machine itself was estimated by the bank's insurance company at more than \$45,000.

No one saw the theft in progress but a motorist with a scanner heard a report of the theft around 1 a.m. Passing a shopping centre the motorist observed a suspicious white car and white van leaving the parking



lot. He followed the suspect vehicles and eventually phoned in their location to police. Police caught up with the vehicles near Prescott where they recovered the bank's machine. When arrested one man confessed to stealing the ATM and also implicated his accomplice.

## **PACKET SYSOPS ASKED TO PASS ESPERANTO COMMUNICATIONS**

*From HaGAL-Israel Ham News*

Esperanto is an International language invented by Eliezer Zamerhoff in Russia more than a century ago. Zamenhoff, a witness to the violence around him, came to the conclusion that the maladies of human society were caused by people not understanding each other, and devised a simple and precisely logical language that he proposed as the universal mode of communications. It is used for communications in every field of science, art and culture. Being one of the easiest to learn, it gives those who may not use one of the "official languages" the opportunity of communicating in an un-national neutral language.

A faithful group of hams continue to use Esperanto and there is even a contest in Esperanto. Often it is used in packet communications. System operators not familiar with Esperanto have been known to kill the messages.

Using Esperanto in Amateur radio began in its earliest years. The IARU, at its congress in 1925, strongly recommended the use of the language to enable all hams to communicate with each other. Except for a current group of devotees, this recommendation was never fulfilled.

An estimated 500 hams continue to communicate with each other using Esperanto and they recently appealed to packet sysops to not reject traffic where the topic is indicated as "Espera@" or "Esperant".

## **2M Simplex Net starts in Winnipeg** **By Sean, VE4SDW**

Just a quick little announcement that Mike, VE4LKM and myself have started a **Simplex** net and we welcome all those who can check in.. The frequency is 146.460 MHz, with 146.430MHz. being the back-up. Nets are held Wednesday's at 20:00. The purpose of the net is to prove what can be accomplished on simplex. While the net is suggested to Winnipeg, parties, we do encourage check-ins from outside the city. Please remember that you may not hear all portions of the QSO, so please route all contact through net control. With out this routing, you may be doubling with other fellow hams.

## **Product Review - Ten Tec-Scout** **By Tom, VE4AKI**

If you are looking for a compact CW/SSB, medium power, good performing HF rig you may want to consider the Ten Tec Scout.

The Scout is a very unique radio from the people in Tennessee. It is an unusual blend of new & old technology creating a combination of features, performance and price that is difficult to beat.

The first unique aspect of the Scout (model 555) is that it is designed as a monoband rig but can operate on all HF bands from 160m to 10m by changing a simple plug in module. These modules are inserted from the front of the radio, without tools in a matter of seconds. The Scout, when purchased, comes with one module of your choice. Additional modules are produced separately. Therefore you can purchase the radio with only the bands you wish and you can expand your coverage at a later date. The most popular modules are for 40m, 30m and 20m.

This rig is not microprocessor controlled in the sense that other rigs are. The V.F.O. in this rig is a P.T.O. or Permeability Tuned Oscillator. This is a type of oscillator that varies the inductance of a tuned circuit to generate the frequency of operation. Ten Tec have years of experience with this system and they are regarded very highly. This rigs micro-processor is used to monitor and correct if necessary the output of the P.T.O., to drive the large digital display and it incorporates a keyer function for CW operation. The keyer speed a can be varied between 5 and 50 W.P.M. and the speed can be displayed in the display. A straight key can also be used.

There is no mode switch, you just hit the key for CW or hit the mic button for SSB. The most impressive feature of this rig, in this operator's view, is the continuously variable bandwidth "Jones" filter. The ability to select the precise bandwidth necessary for the conditions, especially on CW makes it a joy to operate. The filter is continuously variable between 2500hz and 500hz. The audio quality of this radio both in receive and transmit gets high marks as well.

Ten Tec have a reputation for excellent QSK (or break-in) keying on CW and this rig is no exception. The lack of relay noise and the ability to hear activity on frequency while sending enhance CW operation to a great degree.

Sound pretty good so far but does it have any flaws? No serious flaws in my estimation. Although it

required some adjustment of the SWR metering balance (SWR meter is built in by the way) upon receipt, this was carried out under warranty and returned promptly. My only other nit-pick is that the RF output level control must be accessed through a small hole in the bottom of the case. I operate at various levels from 5W QRP to 50W (it's maximum output). But it is only a minor annoyance. The built-in SWR meter is only accurate at the 50W level but space for more controls on a rig this size (about the same size as a 2M multi-mode) is hard to find.

After only a few months of operation, I feel that Ten Tec has a real winner. There is a selection of accessories to tailor the rig to your application be it a mainstation, portable or mobile rig. A better combination of size, features and cost is hard to find. Check it out.

*(the author is in no way affiliated with Ten Tec, nor any of its agents, distributors. He has received no remuneration for writing this article. He just feels that this a superior product that deserves to be mentioned.)*

### **Tower Committee Report by Jeff, VE4MBQ**

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There was much discussion but little hard data at a recent WARC Executive meeting, similar in nature to the discussion at an earlier general meeting with respect to amateur radio towers, City Bylaws, federal jurisdiction, etc. It appeared that no one had recently checked with the City of Winnipeg to find out their position. Consequently, I have had several discussions recently with the City of Winnipeg Zoning Department and with Industry Canada.

I spoke with Bob Fabris, a zoning Development Officer with the city of Winnipeg (986-5140). He said that the past each area of Winnipeg was covered by a different set of zoning bylaws (prior to Unicity or the amalgamation of Metro Wpg, St. James, Tuxedo, St. Boniface, St. Vital and so on). Some of the old zoning bylaws included restrictions on radio towers, some prohibited them outright (a zoning variance would be required). The City has been bringing in a set of unified zoning bylaws to encompass the entire City. Currently the City makes no attempt to regulate or confine the height of an amateur radio tower. However the antenna tower is deemed to be an accessory structure to your residence and must comply with the Accessory Structure Regulations: Must be behind the house (not in a side yard), must be at least three feet away from the house, and at least two feet away from any property lines. A City of Winnipeg Building Permit is required to legally install or erect an accessory structure. The cost of the building permit is tied to the value of the project, the minimum fee is \$ 22.00. You should have a written plan of what you want to install (including a simple sketch)

and a copy of your station licence when you go for the building permit. A written letter from an Industry Canada Radio Inspector confirming your eligibility to erect and make use of an amateur radio tower would smooth the process.

I spoke to Barry Dear, a Radio Inspector with Industry Canada (983-7144). He said that Industry Canada does not really issue a certificate saying that someone can have a tower, but I got the impression that if a licensed amateur writes to Industry Canada asking for written confirmation that a tower can go up they will get a written response. Mr Dear cautioned that amateurs should be sensitive to concerns that their neighbours have before erecting a tower. He indicated that Industry Canada would likely support an amateur with a fifty foot tower whose neighbours object, but would likely support the neighbours who do not want a hundred foot tower in a residential area. In other words, according to Mr. Dear your amateur licence does not licence you to put up whatever you want.

It would seem to me that the City's requirement is not unduly restrictive (how much are you willing to spend to save twenty-two bucks?). Sketch your installation, write down the specifics, and call Bob Fabris to arrange to apply for a building permit.

The bigger question I guess is can Industry Canada make up rules as they go, or decide on installations on a case by case basis? That is probably the type of question that RAC ought to get clarified and published in TCA.

It would seem prudent to contact the City of Winnipeg Zoning Department (particularly Bob Fabris) and Industry Canada (Barry Dear, Dan Kerr, or Brian Johnstone) prior to purchasing and erecting a tower that may embroil you in a dispute with your neighbours, the City, and Industry Canada - after all, isn't amateur radio supposed to be a fun-filled hobby????

#### **This Space Could Be Yours.**

If you have a product or a service you wish to let other HAM's know about. Please contact any WARC executive member about advertising space.

**RAC SPECIAL NEWS BULLETIN**  
**02A-95 AMENDED INTERNET EDITION**  
**28 JANUARY 1995**  
**Issued at RAC Administrative Office**

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**EMCAB-2 APPLICATION PUT ON HOLD**

The President of RAC, Farrell Hopwood, VE7RD, is pleased to announce that following consultations with RAC, officials at Industry Canada have placed the application of EMCAB-2 on hold until further notice.

At a meeting on 25 November, 1994, with Mr. Michael Binder, Assistant Deputy Minister (Spectrum, Information Technologies and Telecommunications), RAC Executive members Jim Dean, VE3IQ, and Ken Pulfer, VE3PU, again voiced opposition to EMCAB-2, Issue 1, and expressed particular concern that the document had been released before completion of the development of measurement procedures, acquisition of measuring equipment and preparation of guidance to field offices on the application of EMCAB-2.

Mr. Mike Connolly, Director, Spectrum Management Operations, noted that EMCAB-2 was intended to be an instrument for use as a last resort in resolving interference problems, but acknowledged RAC's concerns that under the circumstances there was potential for premature and improper application. RAC has been advised that instructions were issued to Industry Canada's Regional Offices in mid-December that use of EMCAB-2 is to be put on hold until further notice.

RAC will continue to press for the withdrawal of EMCAB-2, Issue 1. In the meantime, radio amateurs should report any application of EMCAB-2 to interference problems to RAC's Vice-President of Government Affairs, James Dean, VE3IQ.

**CQ... CQ... FIELD DAY**  
**by Ed, VE4YU**

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The air is filled with the sound of Morse code and voices repeating callsigns, signal reports and 'CQ FIELD DAY'.

In the background is the putt putt of the generator and the ground is covered with tents, tables, lawn chairs, radio equipment, miscellaneous paperwork, knapsacks and makeshift antenna systems. This is the annual Radio Amateur's FIELD DAY, an ARRL/RAC event that takes place the third weekend in June each year.

We are all aware of the importance of being prepared to deal with civil, national or international emergencies. We are indeed fortunate that we do not experience many in this part of the world. Radio Amateurs are renowned for the services they render world-wide in emergency situations. This comes naturally since we are equipped, trained, available and ready whenever the need arises. Experience as to how to conduct oneself, how to pass information efficiently and how to 'get on the air' quickly under less than ideal conditions is not easy to acquire. But we have the annual FIELD DAY event to fill this void and in the process provide fun, comradery, a sense of achievement and a way of getting to know the others in your group better.

This year the Winnipeg Amateur Radio Club will be taking part in FIELD DAY exercises and everyone is welcome and encouraged to take part in this FUN event. You don't have to know Morse code or even operate the radio if you don't want to, but you can help set up the equipment and antennas etc., you can log for the station operators or you can just observe the activities. No matter what part you play you will be learning what it takes to establish communications under basic conditions without reliance on domestic power and you will see what can be accomplished with the combined efforts of a dedicated bunch of Radio Amateur operators. This year's WARC FIELD DAY will take place on the weekend of June 24/25, 1995. The tentative location is at Falcon Lake.

We are planning to set up three working HF stations and at least one VHF station. The object of the exercise, besides getting experience and having fun, is to contact as many stations as possible and exchange some basic information. All modes of communication such as SSB, CW, Packet, FM etc. will be employed. Under the club callsign, VE4BB, anyone can operate the equipment, regardless of class of license. We are planning on a good deal of family and group oriented activities as well so that everyone can have a good time.

All we need to make this year's event a memorable one is YOU! Try to take part whether it be as a casual observer or as a sleeves-rolled-up active participant. But please DO TAKE PART.

Details on the plans will be forthcoming in the next three months. Heading up this year's committee are:

Yori	VE4ACX	453-3786	
	Adam	VE4SN	339-3316
	Ed	VE4YU	694-0667

We welcome any input, suggestions etc. that will make this a club activity to remember. Enjoy Amateur Radio - BE AN ACTIVE PARTICIPANT!



## **Proposed Canadian H.F. Band Plan** **by Greg, VE4GH**

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To all licensed radio amateurs of Canada. Please take a moment to review the following proposed HF Band Plan for Canadian amateurs. these frequencies and modes are presented for discussion purposed only. Input from all concerned amateurs is welcome in the formulation of a Canadian Band Plan.

The final plan will be determined prior to September, 1995. There will be a meeting for Region 2 of the International Amateur Radio Union in September of 1995 at Niagara Falls, OT. This will be the first meeting hosted in Canada. A Canadian position on HF frequencies will be presented at that time.

Adherence to the Canadian Amateur Band Plan is voluntary. Please send all concerns, changes, comments by March 31, 1995 by fax 697-0562 or via Snail mail to:

Greg, VE4GH  
411 Ralph Ave W.  
Winnipeg, MB R2C 2E8

Please do NOT phone your comments, as written comments are preferred.

### **160 Metre Band - Maximum bandwidth 6 KHz.**

1.800 - 1.840 MHz.	CW, Digital
1.830 - 1.840	<i>DX Window</i>
1.840 - 2.000	CW, SSB, SSTV Wide band modes

### **80 Metre Band - Maximum bandwidth 6 KHz.**

3.500 - 3.580 MHz.	CW only
3.580 - 3.635	Digital
3.620 - 3.635	<i>Packet</i>
3.635 - 3.725	CW
3.725 - 4.000	SSB, Windband Modes
3.725 - 3.800	<i>DX Window</i>

### **40 Metre Band - Maximum bandwidth 6 KHz.**

7.000 - 7.035 MHz	CW only
7.035 - 7.050	Digital
7.040 - 7.050	<i>International Packet</i>
7.050 - 7.100	SSB
7.100 - 7.120	Packet within Region 2
7.120 - 7.300	CW, SSB

### **30 Metre Band - Maximum bandwidth 1 KHz.**

10.100 - 10.130 MHz.	CW only
10.130 - 10.150	Digital
10.140 - 10.150	<i>Packet</i>

### **20 Metre Band - Maximum bandwidth 6 KHz.**

14.000 - 14.070 MHz.	CW only
14.070 - 14.095	Digital
14.095 - 14.100	Packet
14.100 - 14.112	CW, SSB, Packet shared
14.112 - 14.350	CW, SSB
14.100	<i>Beacons</i>
14.225 - 14.235	<i>SSTV</i>

### **17 Metre Band - Maximum bandwidth 6KHz.**

18.068 - 18.100 MHz.	CW only
18.100 - 18.105	Digital
18.105 - 18.110	Packet
18.110 - 18.168	SSB, Wideband modes

### **15 Metre Band - Maximum bandwidth 6 KHz.**

24.890 - 24.930 Mhz.	CW
24.920 - 24.925	<i>Digital</i>
24.925 - 24.930	<i>Packet</i>
24.930 - 24.990	SSB, Wideband modes

### **10 Metre Band - Maximum bandwidth 20KHz.**

28.000 - 28.200 MHz.	CW
28.070 - 28.120	<i>Digital</i>
28.120 - 28.190	<i>Packet</i>
28.200 - 29.300	SSB
29.300 - 29.510	Satellite
29.510 - 29.700	SSB, FM, Repeaters

## **Common courtesy** **By Derek, VE4HAY**

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Now that the Manitoba Repeater Society has a series of repeaters linked to various other repeaters and systems, it has become very obvious that a number of our fellow hams are kerchunking these repeaters. If you are one of these ham please remember that not only are you kerchunking the local repeater, but you are also kerchunking 8+ other repeaters and 100's of radio monitoring those repeaters.

The only possible reason to kerchunk in the first place is to test your rig if it is transmitting (use a dummy load for this). The other reason would be to test if the repeater is transmitting. For that one second transmission it is suggested that you also send some audio along with your transmission. This should be your call sign.

The network administrators are always monitoring the links for a repeater that may not be functioning properly. And if there is kerchunking, it is very hard to know if it is an un-greatful ham or a malfunction on a link radio.

# ADVERTISERS PAGE

Please contact any executive member for more information.

## Radio Amateurs of Canada

Questions About RAC

Contact the Regional Director  
Dave Panting, VE4EF  
63 Gosford Ave.  
Winnipeg, MB R2M 4N8  
(204) 257-8525  
dave.panting@mwcs.mb.ca

## MDECG RAFFLE

The Manitoba Digital Communications Group is holding a raffle to raise funds for backbone upgrades. They plan on upgrading the current 2400 baud backbone to 9600 or better (4 times it's current level). Please remember that even if you don't connect directly to the MDECG system, if you have read or sent any messages out of Winnipeg, then you have used the system. (most likely). The draw is only 2 weeks away. For more information please contact Neil, VE4NGM (204-476-3406) or Terry, VE4TR on packet.

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B513 BNC male x UHF fem. ....	3.00
B517 BNC chassis mount .....	2.50
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R804 "N" male x UHF fem. ....	4.00
R821 "N" fem. panel mount .....	3.50
R822 "N" male gold/silver .....	7.00
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Contact Gary Smith VE4YH  
Ph: 661-4158

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