



News-caster

The Official Publication of the
Winnipeg Amateur Radio Club
Winnipeg Senior Citizens Radio Club

February 1998

MINERAL EXPLORATION GEOPHYSICAL TECHNIQUES

(Using Radio to Find Gold)

BILL HOOD, VE4RR

Date: **February 9th, 1998**
Time: 7:30 p.m.
Place: Sturgeon Creek Regional Secondary School

Other Important Dates:

Articles: Feb.. 25 - March Newsletter article deadline
Mar. 31 - April Newsletter article deadline
WARC: April 13 - Home Brew Night
April 19 - Spring Flea Market
June 27-26 - Field Day

WSC: Breakfast meeting @ Garden City Inn

ARES: Feb.. 14,15 - Sled Dog Races
Feb. 17 Meeting - 735 RCS
Mar 17 Meeting - 435 SAR Sqdn
Apr. 21 Meeting - Portable HF set-up
May 19 Meeting - Severe Weather Video

Other: April 16 - MRS Annual Meeting
June 21 - Marathon
April 24, 1998 - WARC Home East & Flea market

Words from the President of WARC: by Norm, VE4EH

February! The only relief from the winter doldrums, aside from the WARC meeting (which is lively and invigorating) will be Valentines Day. However, spring is rapidly approaching and it is now time to build that component for Home Brew Night 13 April 98. In order to cover the spectrum of Home Brew items, there will be no hierarchical judging this year. Prizes will still be available but, in order to be eligible you must have a home brewed item on display.

There are two awards that must be responded to this year and I would like some input from the membership. If you have a deserving candidate for either the "KEY MAN AWARD" or the "HAM OF THE YEAR AWARD" please let me know at our monthly meeting or phone me at home. Your input is definitely appreciated.

ALL MEMBERS INTERESTED IN CLUB JACKETS PLEASE GIVE ME YOUR NAME AT THE NEXT MEETING OR PHONE ME AT HOME. CURRENTLY THERE ARE TWELVE NAMES ON THE LIST.

A little background on our guest speaker. Bill VE4RR is a native Manitoban currently employed by Pro Am Exploration as a geologist. His presentation will focus on mineral exploration geophysical techniques. The venue for this presentation will be Manitoba and should prove interesting, not only from an electronic point of view, but also, from a geophysical perspective.

Winnipeg Senior Citizens Radio Club Edited by Gil Frederick, VE4AG, Len, VE4LEN & Paul, VE4OPC.

At the special General Meeting called for Monday, January 12, 1998, a meeting solely to discuss the Club Constitution amendment, the final approved form resulted. This Amended Constitution will be printed and sent to all members with the next mailing of the 'Sparks' newsletter, expected to be the middle of February.

WARC: Executive for 1997-98			
Past President	Richard Kazuk	VE4KAZ	895-4778
President	Norm Coull	VE4EH	885-1692
Treasurer	Rick Lord	VE4OV	275-6980
Secretary	Ruth Mills	VE4XYL	837-6915
Vice-President	Larry Burkhardt	VE4LRB	487-0509
Program	Dave Wood	VE4KU	895-7067
Membership	Dan Michaelis	VE4SYG	339-3018

The next monthly breakfast will be held on Thursday, Feb. 12, at the Norlander Inn, 1792 Pembina Hwy. beginning at 9 a.m. Members, spouses and friends are welcome.

At the first Board meeting of the year, much business was accomplished, and the following Committees were set up. Committee heads are shown in brackets.

- Inventory (Alan, VE4ALN)
- Public Relations (Gil, VE4AG)
- Technical (co-position: Ebe, VE4ZI and John, VE4CCW)
- Education (Adam, VE4SN)
- Computer (Harsha, VE4SAI)
- Health & Welfare (Lila, VE4LIL)
- Phone (Bert, VE4AND)
- Security & Housekeeping (Colin, VE4JCM)
- Membership (Norman, VE4EH)
- Archives (Ed, VE4YU)
- Recording (Norm, VE4EH and Tom, VE4TSM),
- Club Rules (George, VE4GJF; Joe, VE4WF; Adam, VE4SN; Bob, VE4RJH; George, VE4GNG; David, VE4DAR and Bryan, VE4IQ).

Two very important portfolios remain unfilled: Social and Program. Volunteers are urgently requested.

One member requested that his name be removed from the roster; and we gained another member in the person of Otto Pestyk, VE4OKP (xyl-Elizabeth) - leaving our present membership standing at 178.

Harsha has started his computer course, with 12 students attending.

The proposed budget for 1998, prepared at an Executive meeting Jan. 9/98, was tabled and accepted. A motion to allow Associate memberships was defeated. Norm, VE4EH and Gil, VE4AG were appointed to audit the 1997 books. The next Board meeting of the club will be held at 9:30 a.m. on Wednesday, Feb.. 18/98.

ARES Committee Report



by Jeff, VE4MBQ - Winnipeg EC

Our January meeting featured City of Winnipeg Emergency Program Coordinator Mark Bennett who gave us a final review/wrap-up of last spring's civic flood operations. The ARES sweatshirts that were ordered at the DEC97 meeting were distributed. Thanks to Dick and Mariska Maguire for coordinating the sweatshirt order. We still have a couple extras if you missed out on the order.

Current WARES members and other ARES units are reminded that we have several ARES clothing items available for purchase:

- Baseball Caps
- Reflective Vests
- Sweatshirts
- Golf Shirts.

The briefing for those operators volunteering for the Festival du Voyager Sled Dog Races will be TUESDAY 10FEB98 7PM at my union office:

216-819 SARGENT AVE.

The actual Sled Dog Races will be held Saturday and Sunday 14 & 15 FEB98. Please make arrangements to purchase or borrow an ARES vest for this event if you do not have your own!

Our next regular monthly meeting is Tuesday 17FEB98 730PM at Sir William Stephenson Library 765 Keewatin Street. 735 Communications Regiment (Reserve) has been invited to send out a representative to tell us about their role.

MINUTES for W.A.R.C. January 12, 1998 Submitted by Dick, VE4HK

Meeting called to order 7:36 p.m., Norm VE4EH presiding. Each person in attendance introduced him or herself. 61 in attendance. VE4EH welcomed all in attendance

Minutes of November 1997 and December 1997 meetings approved as printed in the Newscaster

- moved Jeff Dovyak VE4MBQ
- seconded Dan Michaelis VE4SYG
- Carried

Correspondence - No correspondence

Treasurer's Report -

Auditor's report as prepared by Gary Smith VE4YH -refer to accompanying report

Move acceptance of auditor's report

moved Derek Hay VE4HAY
 seconded John Foster VE4JNF
 Carried

Rick Lord VE4OV reported that balance as of December 31, 1997 was 4688.23. Add approximately \$500.00 in memberships received since the mail strike ended.

Programs -

- ◆ Lee Smith VE4ANC announced that tonight's program will be a presentation by Brian Johnstone of Industry Canada. He will be speaking about changes at Industry Canada.
- ◆ Upcoming programs February "Use of electronics, global positioning, etc. in geomagnetic surveying." This program will focus on the possible mine site between Winnipeg and Selkirk. This presentation should be very interesting.
- ◆ Home brew night is coming up in April. Last year, the program was opened up to anything of interest to amateurs, including home brew equipment, and computer programs applicable to amateur radio. The doors will open even wider in 1998. Home brew night will be more informal, with no judging. There will still be prizes available. The executive has added a new category, to include repair work performed by an amateur.
- ◆ Other upcoming meetings will include a presentation on AM operation on 160 and 75 meters.
- ◆ VE4ANC extended a very warm "THANK YOU" to everyone who assisted with putting CKVN on the air last month.
- ◆ VE4EH spoke about Brian Johnstone, and emphasized that everyone should show proper respect, and be polite.

Membership -

- ◆ Dan Michaelis VE4SYG reported that memberships were still straggling in. The club now has 232 members, as opposed to approximately 240 at this time, one year ago.
- ◆ VE4EH announced that the executive made a small adjustment to the membership year. Beginning this year, any members who renew at the April Flea Market would receive membership for the balance of the present year, and the following year.
- ◆ RAC has a new program for affiliated clubs. It affects insurance for clubs and individual members. Further information is available on the Internet. There is no cost to affiliate.

Announcements -

- ◆ VE4EH announced that Field Day will be June 27 and 28. A chairman is required. The executive would like to hold Field Day at Falcon Lake, using the hotel.
- ◆ Ed Henderson VE4YU spoke about the planned HamFest for April 1999. Ed Henderson VE4YU, Adam Romanchuk VE4SN, and Michael Markmann VE4MJM are on the HamFest committee. They will require a great deal of assistance. VE4YU advised that he has done some research re location and dates. The International Inn meets the criteria. The best date is Saturday, May 29. This is the first available date to expect good weather. There will be no conflict with Dayton.
 - ◆ There will be a banquet Saturday evening.
 - ◆ The group will require a good number of meetings to set the HamFest up.
 - ◆ VE4YU showed a possible layout for the flea market, and venues for forums. The normal rent for the necessary meeting rooms would be \$750.00 per day. Ed can get a special rate of \$350.00, if he books soon.

Motion -

Move that Winnipeg Amateur Radio Club allocate \$2000.00 for 1999 Convention (HamFest). The \$2000.00 will be reimbursed from proceeds of the event.

Moved Ed Henderson VE4YU
 Seconded Adam Romanchuk, VE4SN
 Discussion
 Carried

New Business -

- ◆ VE4EH noted that 10 people have requested new Club jackets. He asked that anyone interested in a jacket see Norm very soon.
- ◆ VE4EH asked for a volunteer to announce WARC meetings on the MRS 2 meter nets, Sundays and Thursdays. VE4SYG volunteered.

Adjourn - 8:14 p.m.

After a coffee break, Mr. Brian Johnstone, of Industry Canada, made a very interesting and illuminating presentation, updating everyone about what is happening with Industry Canada. He answered many questions after his presentation.

RAC Bulletin #98-01, 04, 05, 06
Reply-To: rachq@king.igs.net

Bulletin 98-01E

RAC SEEKS YOUR VIEWS ON CALL SIGNS

The Call sign Working Group (CSWG), a joint Industry Canada/RAC committee, has filed its report with the Canadian Amateur Radio Advisory Board (CARAB) recommending the policies and procedures that should be used in the future administration of Amateur Radio station call signs. RAC has been asked by Industry Canada to seek the views of amateurs concerning this important report. RAC will welcome comments and responses to the CSWG Report by Canadian amateurs before making any formal proposal to Industry Canada.

RAC recognizes that there are widely varying views on how station "call-signs" should be administered. RAC believes call signs are not administered in a uniform method across the country. RAC seeks to endorse policies which ensures that the final published rules and guidelines are clear and straightforward and that there is a commitment to authorizations that are uniform, evenhanded and in-tune with the needs of the majority of Canada's amateurs.


Here is a "Summary of Recommendations" of the CSWG Report:

As a result of the extensive consultations with radio amateurs across the country and of input from Industry Canada regarding the administrative ramifications of various current policies, the Call Sign Working Group presents the following specific recommendations:

- 📖 Practice of unique call signs for each province or territory
 - Continue the current practice of allocating specific prefix blocks for each province or territory and assign new blocks if required to accommodate changing circumstances, such as the creation of Nunavut or other new divisions of territory.
- 📖 Portability of call signs from province to province
 - Require amateurs who register a change of principal residence to acquire a call sign representative of their new prefix area if it is different from their current one.
- 📖 Assignment of two letter vs. Three letter call signs
 - Allow only amateurs who have attained all four qualification certificates to apply for two letter suffix calls whether it be a new license or application for re-assignment. Assign only one such two letter suffix call to any particular individual, and do not assign such calls to repeater or strictly digital stations. Additional prefix blocks should not be made available for assignment specifically to satisfy requirements for two letter calls.
- 📖 Four letter and one letter call signs
 - The current policy of assigning four letter suffix calls only rarely on an exception basis for temporary events be continued. Single letter suffix calls should only be assigned to recognized clubs, not individuals, at this time.

- 📖 How long the assignment of the call sign of a deceased amateur should be blocked
 - Do not reassign any relinquished call for twelve month after it becomes available. In the case of a call which becomes available as a result of the death of the amateur any member of the immediate family who is qualified to hold it (i.e.: all four certificates for two letter suffix) and requests the call prior to the expiration of the twelve month period should receive it.
- 📖 Assignment of unacceptable or forbidden suffixes (Q codes)
 - Do not allow the assignment of any new call signs in the QOA to QTZ range.
- 📖 Establish a list of unacceptable suffixes and circulate it to all issuing offices so that it may be uniformly applied.
- 📖 Assignment of VE0 call signs for ships
 - Retain VE0 prefix for assignment to maritime mobile stations only.
- 📖 Personal requests for call sign changes (vanity call signs)
 - Continue the practice of allowing individuals to choose any available call sign that they are qualified for. Do not at this time open any unusual or unique prefix/suffix combinations. Study the vanity call sign gating system currently being implemented in the United States with a view to using the experience they will acquire over the next twelve months to revise this policy in the future.
- 📖 Limits to how many call signs and individual or club can hold
 - Allow individuals or clubs to hold as many call signs as they are willing to pay for, as long as only one of them is a two letter suffix call and all of them represent the prefix area of the principal residence.
- 📖 Assignment of call signs for new amateurs
 - In areas where it is feasible for IC to provide a list of available calls, allow new amateurs to select the three letter call sign of their choice. In areas where a list cannot be supplied, allow the new amateur to submit up to three choices for a three letter suffix call sign.
- 📖 Special prefixes for significant events
 - Restrict the application for temporary special regional or national prefixes to recognized amateur radio clubs or organizations, not individuals. Review and revise the existing Industry Canada eligibility document (RPC 2-8-01) and ensure it is applied uniformly across the country, with a view to reducing the number of special prefix assignments that will result.
- 📖 Special event call signs
 - Assign unique call signs to celebrate or commemorate special events only to recognized amateur radio clubs or organizations, not individuals. Applications for these calls should be subject to

the normal annual fee and remain assigned to the applicant until the next routine renewal cycle.

 Permanent use of "C" block prefixes

- Do not consider the permanent use of "C" block prefixes.

A complete copy of the report, in both English and in French, can be obtained by sending a SASE business envelope to:

"The CSWG Report"
 RAC Headquarters, 720 Belfast Road
 Suite 217, Ottawa, ON
 K1G 0Z5.

It is also available for download from the RAC Web site at: <http://www.rac.ca/ftpsite.htm> RAC will review all submissions before making a final recommendation for Industry Canada's determination. The closing date for responses from Amateurs is February 28, 1998.

Bulletin 98-04E

Callsign e-mail addresses for all Amateurs

Any licensed Canadian amateur radio operator can now have an e-mail address of the form "callsign@rac.ca". This means that you will no longer have to advise all your contacts of any new e-mail address if you change your Internet service provider. Canadian amateurs will not have to keep track of dozens or hundreds of e-mail addresses. Just remembering the callsign is all they will need.

RAC is able to offer this free service thanks to the volunteer help and support of Information Gateway Services (IGS) of Kanata Ontario, and in particular the work of Rene Kahle VA3RDK. Rene developed the E-mail aliasing software, and set up the server hardware (IGS also donates server space for the RAC and ARAS web sites that contain much useful information for Canadian amateurs).

If you wish to obtain a callsign e-mail address, simply send a message to "alias@rac.ca" with "callsign=realaddress" in the body of the message. For example, if my callsign were VA4KP and my real (current) e-mail address were "ham@qsy.ca", I would send a message to "alias@rac.ca" with the following in the body of the message: "VA4KP = ham@qsy.ca" Any subsequent mail addressed to "VA4KP@rac.ca" would be redirected by the IGS server to "ham@qsy.ca". Of course it goes without saying that such mail would NOT go anywhere near RAC headquarters nor be seen by RAC officials. And of course any mail addressed directly to "ham@qsy.ca" will also be delivered as in the past without passing through the IGS server. To obtain more details, send a message to "alias@rac.ca" with the word "help" on a single line in the body of the message.

The e-mail aliasing service is currently set up on a trial basis. If it works well and amateurs find it useful, it will remain available for all who wish to use it.

Bulletin 98-05E

OPERATING REQUIREMENTS IN THE USA

RAC has been advised that Canadian amateurs visiting in the United States have been heard operating on SSB in the 14.120 to 14.150 MHz. portion of the 20 metre band. All amateurs are reminded that while in the USA, foreign amateurs (including Canadians) must observe U.S. regulations, including sub-bands. U.S. amateurs are not authorized to operate phone below 14.150 MHz. Canadian amateurs who can operate 20 metres in Canada (that is, holders of Basic plus 12WPM Certificates) may operate phone between 14.150 and 14.350 MHz. while in the USA.

Bulletin 98-06E

SUPPLEMENTARY BULLETIN - OPERATING IN THE USA

Further to RAC Bulletin 98-05E, RAC has now been advised that Canadian amateurs visiting the south-east United States have been heard operating portable and mobile on 75 metres SSB between 3725 and 3750 kHz. Amateurs intending to operate in the USA are again reminded that while in the USA, foreign amateurs (including Canadians) must comply with U.S. regulations, including sub-bands. U.S. amateurs are not permitted to operate phone below 3750 kHz.

MDECG is on the verge of BANKRUPTCY!
by Terry, VE4TR

With great reluctance, we regret to inform all USERS, that the MDECG is on the verge of BANKRUPTCY! With the decline of MEMBERSHIPS over the last few years, it doesn't take long for the funds to disappear.

Club Jackets

Have you seen those nice club jackets that your fellow hams have been wearing. Wish you had one so you could fit in. Well now is your chance

The Winnipeg Amateur Radio Club jacket is once again on sale. Please see the Club President, Norm, VE4EH if you are interested in a jacket. price will depend on how many confirmed orders are received.

With the mass system failures we have experienced in 1997, we are in a financial glut. With only a handful of memberships in, it doesn't come close to covering the normal expenses, dues, insurance, etc., without having any failures.

The majority of the users of the Network are in Winnipeg and we only have moderate support from there with far greater support coming from outside Winnipeg.

We understand that there are other groups also asking for membership but they all stand alone and do not support each other financially.

With the oncoming year and expenses that far surpass our bank balance, I fear this is the last year to the network as we know it.. We have depleted the account and will only be able to cover License and Corporation fees. And unable to cover insurance costs, thus forcing us to Close the system down forever.

This network was originally developed in 1987 by myself, Terry Ryshak VE4TR, Murray Johnstone VE4TV, Mike Sanders VE4MS, Jim Townsend VE4CY, and kind support from Bill Bowman VE4UB, for which he allowed his VE4 Call sign database to be used for publishing the Call Book, and getting the network underway.. With his kind support in the Groups infancy and expertise in the mode, we had expanded rapidly, and I would personally like to thank him for all his help in the past! In 1993, the group lost the rights to publish the Call book, this hurt the group immensely for funding, as there was little financial support from the User base, and slowed the progress down immensely. In 1995, we held a Raffle for a fund-raiser for the Group, with sparse support for the endeavor, but we showed a minimal profit for it, we were also able to procure a 50/50 grant from the government, this allowed us to upgrade the back-bone to run at 9600Bd..

These past few years we experience some system failures due to USER abuse, and this caused the group further losses. And most recent a complete System loss in Minnedosa area, due to an accident from negligence on the site owners' property. Thus leaving us unable to even cover the costs for the Insurance deductible! With the maintenance of this equipment and losses from abuse, we are now ready to declare bankruptcy. I am sorry for being the bearer of this sad news.

This is a list of Members of the MDECG Group, who have paid their 1998 membership of 20 dollars. This gives a Radio Amateur full usage of the nodes: VE4PKT, VE4NOD, VE4ECG, VE4NET, VE4BDG, VE4BRC-4 and their sub-nodes. This membership also gives the member input to the direction of the group within the Manitoba Packet Lan Network.

Callsign	Name	Location	Donations
VE4AKA	Martin Boyd	Winnipeg	

VE4DRC	Dale Chevalier	Landmark
VE4UA	Werner Schwager	Winnipeg
VE4WCB	Bob Pelletier	Brandon
VE4XN	Dave Snyder	Brandon

This is a List of 5 Members as of January 20, 1998.

For those that want to remit Membership / Donations for the group, please forward a cheque or money order to the following address.

M.D.E.C.G. Inc.
123 - 4th St. N.W.
Portage La Prairie, MB
R1N 2G1

Please remember, if there is no support for the group and it's endeavors, this will be the final year for the system, and it will vanish forever.

The choice is yours, please choose wisely??

RAC Winter Contest **By Ed, VE4YU**

The following people were participants at VE4RAC
Adam VE4SN, Ed VE4YU, Hill VE4TP, Jerry VE4SVB

The stats for the event are as follows:

952 total QSOs =
553 Canadian + 375 DX + 24 RAC Prefix
80 Multipliers for score of **540,800 points**

VE4TT SILENT KEY **by Mike, ve4ms@ve4ms.#mor.mb.can.noam**

To : ALL@MB

On 19th January 1998, John Doney VE4TT passed away at the Winkler hospital. Funeral was at the Wiebes Funeral Home in Morden Friday January 23 at 10:30 am.

C.L.A.R.A. **by Pat VE4PLG**

Extracted from Jan, Feb., Mar 1998 Clarion.

Some YL nets to look for on the HF bands,
-Brazilian YL net Wednesday at 1930gmt on 14.248 MHz
-European YL DX net Thursday at 1800gmt on 14.243 MHz
-YL Open House Wednesday at 1900gmt on 14.288 MHz
-Tangle net Thursday at 1800gmt on 14.297 MHz.
-CLARA net Thursday at 1700gmt on 14.120 MHz

- CLARA net Monday at 0001gmt on 3.750 MHz
- EasternCan. CLARA net Tues at 1400gmt on 7.055 MHz
- WesternCan CLARA net Tues & Fri 0300gmt 3.740 MHz

You don't have to be a CLARA member or even a YL to participate in the nets, just ask Gil VE4AG.

There is a CLARA and family HF contest coming up in March. It is open to all licensed amateurs. Just call CQ CLARA

CW March 17,1998 1700Z to March 18,1998 1700Z
suggested frequencies:-14.033 21.033 7.033 3.688

PHONE Mar. 17,1998 1700Z to Mar. 18,1998 1700Z
suggested frequencies:-14.120 14.285 21.300 7.200
3.775 3.900

Logs must include: Date, Time(GMT), Frequency, Mode, Call Sign of contact, contact name, contact QTH, and whether a CLARA member or Family member.

SCORING

Each station may be contacted twice per band ...once in each mode. Cross band contacts will count as a SSB contact for both stations.

1. Contact with CLARA Member (inc. CLARA- CLARA)5 points
2. Contact with CLARA family member, OM, son, etc..2 points
3. Contact with a YL non CLARA member3 points
4. Contact with an OM (includes OM to OM)1 point

MULTIPLIERS

1 for each CANADIAN PROVINCE or TERRITORY (13 possible) and 1 for each ARRL DX country contacted.

POINTS CLAIMED - (contest points) x multiplier

Logs are to be received by the Contest Manager no later than April 17, 1998 and should include call sign, address and claimed score. Please enclose a SASE (Canada only) if logs are to be returned. CONTEST MANAGER: Jeanne Gordon VA3WX, 478 Donegal Drive, Burlington, Ontario L7L 2M7.

GOTA

Guides on the air 1998 will be February 21st and 22nd. arrangements have been made this time for Canada to be on the air the same weekend as other World Association of Girl Guides and Girl Scouts (WAGGGS) countries. GOTA is sponsored by CLARA. If you can't find a group of Guides to work with, maybe you can join us with a relative or neighbour who is a member of Girl Guides. If you don't have Guides in your shack, you can still help by dropping by the GOTA frequencies and talking to stations calling CQ GOTA until a station with Guides comes along. The GOTA suggested frequencies are 80 m - 3.733 or 3.933; 40 m - 7.088

or 7.188; 20 m - 14.133 or 14.188 or 14.288; 15 m - 21.360; 10 m - 28.988. Note the 33s and 88s. Two meter operation can be fun if you know there will be other Guides on frequency. Look for Helen VE2YAK as VE2GGQ, the official GOTA station for VE2 land.

Reciprocal Operating and Third Party Traffic Agreements and Arrangements in the Amateur Radio Service Extracted from the RAC web Site

RIC-3, Issue 6, September 1, 1997

Spectrum Management

Radiocommunication Information Circular

Radiocommunication Information Circulars are issued for the guidance of those engaged in radio communications in Canada. The information contained in these circulars is subject to change without notice. It is therefore suggested that interested persons consult the nearest district office of Industry Canada for additional details. While every reasonable effort has been made to ensure accuracy, no warranty is expressed or implied. As well, these circulars have no status in law. Additional copies of this or other circulars in the series are available from any office of the Department. Comments and suggestions may be directed to the following address:

Industry Canada
Radio communications and
Broadcasting Regulatory Branch
300 Slater Street
Ottawa, Ontario
K1A 0C8
Attention: DOSP

via e-mail: spectrum_pubs@ic.gc.ca

All spectrum publications are now available on the Internet at: <http://strategis.ic.gc.ca/spectrum>

Reciprocal Operating Agreements and Arrangements

Canada has negotiated a number of reciprocal operating agreements that allow Canadian radio amateurs to operate their stations while temporarily visiting other countries, providing they obtain the necessary authority. Canadians who wish to operate radio apparatus in countries that participate in the CEPT Recommendation T/R 61-01 or recognize the International Amateur Radio Permit (IARP) can obtain permits from the Radio Amateurs of Canada, Inc. prior to leaving for those countries. In the case of other countries with which Canada has reciprocal arrangements, Canadian amateurs are advised to contact each administration well in advance of departure in order to obtain the necessary permit or license. There is one exception, and that is with the United States of America. Canadian amateurs do not require any

special permission to operate their stations in the United States.

CEPT Permit (Recommendation T/R 61-01)

Canada participates in the CEPT Recommendation T/R 61-01. (CEPT is an acronym for Confrence europeenne des administrations des postes et tlcmmunications, translated as the European Conference of Postal and Telecommunications Administrations.) The CEPT countries that participate in this Recommendation are as follows:

Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Monaco**, Netherlands, Norway, Portugal, Romania, Slovak Republic, Spain*, Sweden, Switzerland, Turkey and United Kingdom.

Note: At present, additional bilateral agreements are necessary with Greece with regard to T/R 61-01.

** Currently, the Recommendation is only implemented for other CEPT countries.*

*** Location of station to be provided to the administration of Monaco.*

Non-CEPT Countries that participate in this Recommendation are as follows: Canada, Israel, New Zealand, Peru and South Africa.

International Amateur Radio Permit (IARP)

Canada is a signatory to the Inter-American Convention of the International Amateur Radio Permit (IARP). Countries that participate in this program are as follows:

Brazil, Canada, Peru, United States of America, Uruguay and Venezuela

☞ General Operating Conditions and Privileges

{ Classes of Permits - The CEPT permit and the IARP are similar. These permits are issued in two classes, Class 1 and Class 2. Class 1 permits are issued to those who hold an Amateur Radio Operator Certificate with Basic and Morse Code (12 w.p.m.)

{ Qualifications, while Class 2 permits are issued to those amateurs who hold only the Basic Qualification. The Advanced and Morse Code (5 w.p.m.) Qualifications are of no consequence to determine the class of the CEPT or IARP permit.

{ Privileges Granted - A Canadian CEPT/IARP permit has no legal status in Canada. It is only effective for Canadian amateurs operating radio stations while temporarily in another country.

Those who hold a Class 1 permit are authorized to use all frequencies and emissions allocated in the amateur

radio service, while those who hold the Class 2 permit are limited to all the amateur allocations above 30 MHz, subject to the provisions of the visited country for the amateur radio service.

☞ Application Procedure

{ The Minister of Industry has delegated the Radio Amateurs of Canada (RAC) to issue these permits. The application for a CEPT Permit requires the name, address, call sign and class of certificate of the applicant, along with photocopies of the station license and operator certificate. RAC has set a fee of \$10 for this permit to cover the cost of administration and handling. The application for an IARP requires the name, address, call sign and class of certificate of the applicant, along with photocopies of the station licence and operator certificate, and a recent passport-size photo of the applicant. RAC has set a fee of \$25 to cover the cost of administration and handling.

All applications are sent to the following address:

Radio Amateurs of Canada
720 Belfast Road, Suite 217
Ottawa, Ontario
K1G 0Z5

Please allow at least four weeks for the issuance of the permit. Failure to submit the proper documentation may result in delays in issuing this permit.

Foreign Amateurs in Canada

Amateurs who are licensed by other administrations participating in the CEPT or IARP programs must apply for the appropriate permit in accordance with the provisions stipulated by their home administrations.

Other Reciprocal Agreements or Arrangements

Canada has concluded other agreements or arrangements with the following countries for reciprocal operating privileges. Canadians are urged to contact the responsible administrations well in advance in order to obtain the necessary documentation.

Antigua and Barbuda, Argentina, Australia, Bahamas, Barbados, Bermuda, Bolivia, Botswana, Chile, Colombia, Costa Rica, Dominica, Dominican Republic, Ecuador, Greece, Grenada, Guatemala, Haiti, Honduras, India, Indonesia, Jamaica, Japan, Malta, Mexico, Nicaragua, Norway, Panama, Papua New Guinea, Philippines, Poland, Saint Lucia, Senegal, Slovenia, Spain, Surinam, Trinidad and Tobago, United States of America*, and Venezuela.

* Canadian citizens holding a Canadian licence may operate in the territory of the United States without having to obtain a permit.

Third Party Agreements and Arrangements

Canada has concluded agreements or arrangements with the following countries to permit the transmission and reception of international communications by Canadian amateurs on behalf of third parties:

Antigua and Barbuda, Australia, Bolivia, Chile, Colombia, Costa Rica, Dominica, Dominican Republic, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Israel, Jamaica, Mexico, Nicaragua, Paraguay, Peru, Saint Vincent and the Grenadines, Trinidad and Tobago, United States of America, Uruguay, and Venezuela.

The History of Amateur Radio Revisited **Condensed and submitted by Ed, VE4YU**

Part 6

Lynn V. Salton became interested in radio in 1910 at the age of 13 while living in Moose Jaw. He began with the usual spark coil - crystal detector set and, like scores of other amateurs across the prairies, he operated without a license. He was seriously considering radio as a career by the time his family moved to Winnipeg. In 1917, while in his third year at Wesley College, he enlisted in the Royal Navy as a wireless operator. After courses in Engineering and a promotion to commissioned wireless officer, he served at Gibraltar, the West Indies and Naval Headquarters in London. Demobilized in early September, 1919, Salton returned to Winnipeg to complete his university studies and graduated as Gold Medalist in Arts in 1920.

Salton was appointed radio inspector for District 4 on June 29, 1920. At a press conference, he pointed out that licenses were required for both sending and receiving sets and that licensees must be British subjects. With appointment of a radio inspector, Winnipeg hams rushed to legalize their operations by securing a license. In 1921, Salton founded the Salton-Foster Radio Engineering Company with partner J. Ralph Foster and was elected a member of the Institute of Radio Engineers early in 1922.

Salton designed and built a 100 watt broadcaster and in February, 1922, he went on the air from his home at 1164 Grosvenor Avenue in Winnipeg, on his assigned wavelength of 420 meters with the callsign CKZC. Canadian stations were licensed to operate in the 400-450 meter band and were issued calls in the CFA(A) - CKZ(Z) series. CBC call signs were granted to Canada some years later by a concordance with the government of Chile, which then held CAA-CEZ.

When CKZC began broadcasting, there were 60 licensed amateurs in Winnipeg and 10 others elsewhere in Manitoba. A considerable number of Winnipegers had bought or built

receiving sets capable of hearing programs from the radio stations springing up across the USA. Salton went on the air on Sunday and Tuesday evenings calling "Hello, hello, this is station CKZC, Winnipeg." He began every broadcast with his favorite phonograph record "El Capitan March". His station was reported heard at a distance of 845 miles.

The unprecedented outburst of enthusiasm for this new form of entertainment, that had swept the U.S. and eastern Canada following the commencement of broadcasting in 1919 by the Westinghouse experimental station 8XK, later KDKA, in Pittsburgh, and by the Marconi experimental station XWA, later CFCF, in Montreal, had now spread to Manitoba.

NEXT MONTH ..

The Winnipeg newspapers get into the broadcasting business.

The above information is taken from a publication available at the Manitoba Archives, produced by George F. W. Reynolds, VE4AJ, who became a silent key in 1996.

- Condensed and submitted by Ed Henderson, VE4YU - 1998

Spring Flea Market **by Pat VE4PLG**

Spring is still a couple of months away but now is the time to start thinking about booking a table for WARC's spring flea market. This flea market will again be held at Heritage Victoria C.C. at 950 Sturgeon Road. Sunday April 19/98 is the date and 10 am to 2 p.m. is the time. Tables are \$5.00 each for members of WARC, MRS and WSC; non-members \$10.00 each. Tables may be booked by phone, call Pat VE4PLG or Dan VE4SYG at 338-3018, in person at the WARC meetings, via MRS nets, or via Manitoba evening phone nets on 80 meters. Tables "MUST" be paid for either at time of booking or by one week prior to the flea market. Tables can be paid by sending a cheque to WARC flea market committee c/o WSC 598 St. Mary's Road, R2M 3L5. At time of booking please tell us if you need power or not.

AMATEUR RADIO for BEGINNERS

Instructor: Larry R. Burkhardt
Electronics Engineer

The current course is already running but, I am now taking names for the next course that will commence

If you who know of anybody (XYL, YL, OM or just a friend) who is interested in taking this course, would pass on this information and have interested parties contact me personally at 487-0509 after 6 p.m.

Upcoming Radio Events

February

- 9-13 School Club Roundup
- 21-22 ARRL International DX Contest, CW

March

- 7-8 ARRL International DX Contest, phone

Editors Ramblings
BY Derek, VE4HAY

Field Day is booked for the Falcon Lake Resort Hotel again. But we still need to have a committee Chairperson. Do you think you can help out. It doesn't take much time,

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John. VE4JNF

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I can be reached at e-mail: ve4hay@rac.ca. or since I am registered packet at the VE4UA packet PBBS where I can be reached at VE4HAY@VE4UA.#wpg.mb.can.noam.

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- MFJ-557** - Code practice oscillator \$37.00
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