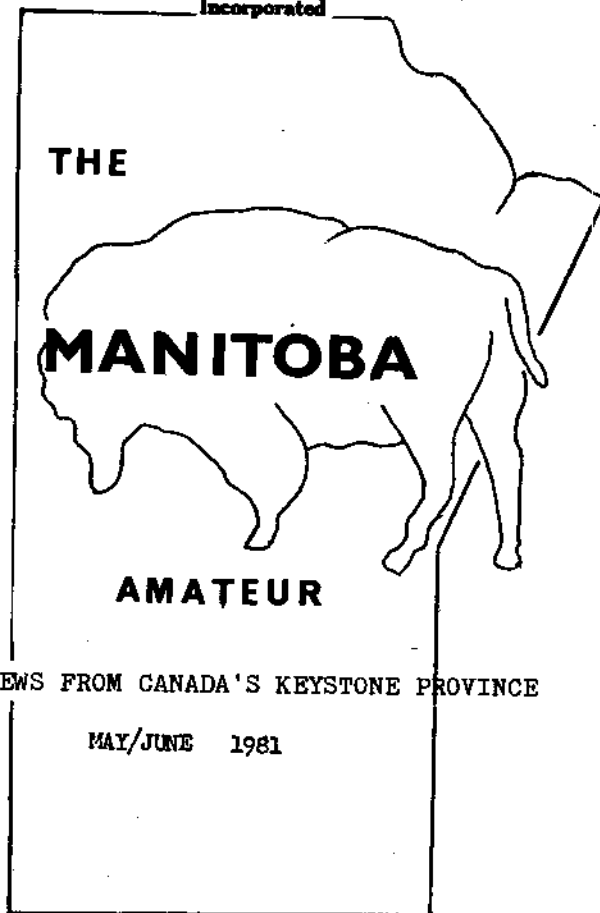


Amateur Radio League of Manitoba



Incorporated



The Amateur Radio League of Manitoba Inc.

The object of the League is the advancement of Amateur Radio within the Province of Manitoba, Canada, by such means as may be appropriate, including the holding of conferences, exhibitions, hamfests, contests and the making of representations on behalf of the League and its members to government, or other authorities, groups or individuals.

Presidents Message

Dear fellow VE4's,

Normally I should be addressing a few remarks to you at this time concerning the recently held CARF National Symposium, which was hosted by us and widely advertised in the past few issues.

In spite of this fact, that we advertised the symposium as a forum for the discussion of current issues by all Amateurs, regardless of whether they were affiliated with CARF, CRRL, ARLM, WARC or any other organization or not, the attendance was, by any criterion, disappointing. Less than fifty Amateurs attended the event and, of those, only a handful were from Winnipeg. Why?

I can't help but feel that the subjects chosen for discussion were, for the most part, interesting and relevant - certainly those who did attend have expressed agreement with the choice and generally found the forums productive. The DOC was particularly well represented but were surprised to find that there was such a poor turnout, most noticeably to discuss the issue of current importance to them, illegal interference and its control. They apparently were looking forward to our help in this area.

Can it be that we whose hobby is perhaps more involved with communication than any other, lack effective communication between ourselves?

To those who attended the symposium I would like to express my thanks, as a Manitoba Amateur, for your help in at least opening up some discussion on these areas of interest to all Amateurs. In particular I would like to pass on sincere gratitude to Len, VE4QL and Don, VE4NI, for the flawless arrangements carried out to ensure the success of the symposium. I'm certainly sorry that I was forced to miss it.

'73,

Noel, VE4CF.

FOR SALE : I.R.C.s (International Reply Certificates/Compons)
 \$0.35 each, 30 for \$10.00, \$30.00 per 100.
 Contact Noel, VE4CF, at C69-C436,
 or 30, Mackie Bay, Winnipeg, R2Y 1V7

Manitoba Modulations

Here is the news from Canada's Keystone Province. Attention all VE4's and other interested parties, here is the news YOU have sent into your magazine.

The news from Portage la Prairie has been submitted via Peter, VE4AEZ.

Portage La Prairie

Well, quite a few electrons have gone down the wire since the last magazine- and Portage hams have been up and doing. Dave, VE4AHG and Bud, VE4AHB wrote for their phone privileges. Dave missed one or two questions on Regs, but will clean up that in June. They've both been busy putting in a crop, so hamming has had to take a back seat except for a bit of two-meter activity which they can take out to the fields with them.

Shane Moore wrote his theory in April and got his Amateur ticket. Pretty good for age 11, Shane, but then you just had to make the Moore's an "all ham family"! If you contact VE4NM one of these evenings on C.W. you could get Ron, Cathy, Shawna or Shane, and you better be up on your code. Those harmonics sport a mean fist.

Martin, VE4AU, back from Hawaii, keeps that new Kenwood 830 well ciled up on all bands and also works two-meters. With his home made QUA61 he can access most of the repeaters and its only 15 feet up! wait till he really gets it up there on his new 55 foot tower.

Barb, VE4XB is pretty busy looking after an active family, and is presently away to Cub camp looking after a lively bunch at Rock Lake. Don't pick up so many of those bootleg calls Barb - you'll give Chris ulscers trying to find them in the call book.

Peter, VE4AEZ calls into the morning weather net fairly regularly, after putting up doublets for 80-40 and 20 on a small city lot, he's just waiting to add verticals for 10 and 2 and then the birds will be walking around 9th St. N.W. because it isn't safe to fly! He recently purchased an Atlas 210 and is busy winding up a transformer for an A/C power supply and building up a C.W. break-in and monitor unit with Ron, VE4NM. They are still perfecting their rabbit hunting technique. Ron has also been bagging bigger game,

.....continuing next page.....

You know ladies!!! it would be very nice to have a CLARA member's point of view in the MANAM. If any of you would care to comment I'm sure all other members of ARLM and even those who are potential members would appreciate a few words.....

PlaP news continuing.....

having knocked over a bear with a muzzle loader dating back to around 1850. He molds his own musket balls out of scrap lead. That bear sausage tastes O.K. Ron.

Joe, VE4ADJ, your Editor - still doesn't have an H.F. rig but gets on two-meters when time permits. You better get that rig soon Joe - judging by what we saw at the auction, good rigs aren't getting any cheaper.

Portage has been enjoying good rains and almost daily showers, which have been quite a relief to farmers and gardeners after the dust storms we had earlier. Which reminds us of a story. A valley in the Tennessee hills had suffered heavy rains and a flash flood, so a local paper sent out a reporter to check on the damage as he was sitting on the front porch of a local mountaineers home, aiming questions, they were looking out at several feet of dirty water still washing over the front lawn just below them. The reporter noticed a straw hat drifting with the flow. When he looked again, he saw the hat moving upstream. Rubbing his eyes, he watched while the hat made several passes back and forth, the length of the house-yard. Did you see that, he asked the hillbilly, excitedly as he pointed to the perambulating sombrero. Oh, said the mountain man unconcernedly, thats just my paw. He said yesterday he was going to mow that grass today come hell or high water!

Well see you all at the Peace Garden!

'73

Peter, VE4AEZ

Whiteshell-Whitings

After the cancellation of the Whiteshell Cross-Country Ski-fest in February, the snow vanished quickly from the Pinawa scene. I was in Arizona, QSOing regularly with VE4GB/W5 in Mission, Texas, and VE4JA and VE4GJ back in Winnipeg, and wondering why I was there and not in Manitoba enjoying the early Spring!

The trip South was quite a surprise. Despite the weak Canadian dollar and the rising cost of everything, especially gasoline, we still managed to keep our vacation expenses 25% inside budget without stinting on the good things in life!

I managed to bring back some chip capacitors from MHz Electronics for VE4QK. If Dick hasn't lost them, they are about the size of grains of sand, I wonder if he has figured out how to use them!

The whole trip went well until I was preparing to leave Grand Forks on the final leg home. It was then that I ran into car problems. This turned out to be a solid-state ignition problem, and before it was cured it cost me a few bucks! To those of you with solid-state ignition systems I would recommend spending \$4.00 on a spare ballast resistor. The investment could save you a towing fee and more!

Ham radio in Pinawa has been fairly quiet in recent weeks. John, VE4AHT has a home brew quad on the roof of the Staff Hotel, and Dale, VE4AED is getting active on RTTY, but the major activity appears to be

.....continuing next page.....

Here is another reminder that the Deadline for all publications is December 20th or is it January 20th no....no.... it September 20th.

off the air, with work on the CARRO balloon package, and assembly of repeater linking equipment occupying most of us, in particular Sam, VE4AKR.

Field day is coming up and Don, VE4AES threatens to operate QRP on CW from his back yard and show us all how it should be done! Perhaps I'll try single-handed mobile operation just so as not to be outdone.

'73,
Jim, VE4FK.

Here are some statistics which we forgot to include under the "Statistics Count" section.....Sorry about that chief.....

REPORT OF THE MANITOBA A.R.R.L. EVENING PHONE NET. For MAY 1981.

Number of Sessions.....	31		
QNI Total Check-ins.....	755		
QTC Formal Traffic during net.....	19		
QTC Formal Traffic by the Individual Stations are as follows:-			
VE4PG 48	VE4AAD 15	VE4LB 6	VE4NE 3
VE4UM 41	VE4CR 12	VE4NM 6	VE4ADS 2
VE4TE 27	VE4LD 10	VE4AJE 4	VE4AFO 2
VE4ACX 23	VE4AED 7	VE4AAT 3	VE4JA 1
VE4FK 18	VE4AAU 6	VE4JP 3	TOTAL= 237.

Conditions on the net frequency have been very poor about 40% of the time and this has affected the number of check-ins and traffic.

Jack, VE4JA has been in Saskatoon owing to a bereavement in his family. We extend our deepest sympathy to him.

Charlie, VE4GB, we understand, has been having rig trouble and has been off the air for a week or two.

Doug, VE4JP is at present in Iowa on business.

John, VE4LU we understand is kept very busy and hasn't been able to check into the net recently.

Congratulations to Malcolm, VE4MG/QST on the occasion of the birth of a baby daughter. Malcolm is doing a fine job announcing bulletins from CRRL and CARF using the call VE4QST five minutes before net time.

'73
Bill, VE4CR

Here is just a little added attraction which comes to us via The Toronto Star via Shirley, VE3BRE via VE3TOT, the Ontario Trilliums.

Ripley's: It Happened in Canada.

Humboldt, Saskatchewan was an important telegraph relay between Eastern Canada and Edmonton. Kathleen Weldon, the first woman telegrapher in the North West Territories sent the first telegraphic dispatch from here 100 years ago - August 1878

-oOo-

The weather could really be described in one word "WET" these past weeks but don't let it stop you from sending in your anecdotes, your historical articles (by the way we still haven't received any historical articles, aside from Malcom, VE4QST...there must be some other history buffs)

Thompson Topics



Contrary to popular belief, there are a number of more or less active Amateurs in Thompson. I count thirteen, most of whom are members of the now two and one-half year old Thompson Amateur Radio Club (TARC). The club was born when a number of Thompson Amateurs got together at the home of Tony, VE4YY in December, 1978. Meetings are held monthly in members homes during the Winter months (most of the year here). The new clubs first and most ambitious project was an amateur radio display in this city's largest shopping mall in March of 1979. Operating stations on CW and SSB were featured along with receive-only RTTY and SSTV, many showings of one of the ARRL's movies and numerous informational displays including one by the DOC. Eighty-two QSO's including a number of DX stations were worked from the club station VE4TRC. Public interest was keen and favorable press coverage was received. It sure was a lot of work though, especially moving Webb's, VE4IE models 15 and 19 TTY's from his basement to the mall and back. Erecting and dismantelling antennae on the roof of the City Center Mall was no picnic either. It gave us something to talk and laugh about at club meeting for years afterwards. The clubs present officers are: President-Glenn, VE4GN; Vice-President-Cliff, VE4XR; and Secretary-Treasurer-Al, VE4DK. Club station licensee is Glenn, VE4GN. Our mailing address is: P.O. Box 23, Thompson, MB.

This winter a CW net was started with Tony, VE4YY as net manager. It meets Sundays at 23:30 (Mondays at 00:30 in Winter) on 3755. Anyone reading us is invited to check-in. The call up is NMN (Northern Manitoba Net). We are still waiting for our first out-of-town check in.

Through the effort of Al, VE4DK assisted by Tony, VE4YY, a two-meter repeater is now on the air. It operates on 146.34-146.94. It's temporarily located at Tony's QTH and is operating without a duplexer. The antennae are not up very high so its range is rather limited. After a suitable burn-in period, a permanent location offering increased coverage will be sought. A future issue of The Manitoba Amateur will contain greater technical detail on the repeater. All visiting Amateurs with two-meter equipment are invited to use the machine to contact the few similarly equipped Thompson hams.

On April 12, 1981 at 04:40 several local hams were using the repeater when they were called by VE7AXH in Prince George, B.C., who heard the repeater and replied on the repeater output frequency. VE7EMR and VE7ENP were then worked, the Prince George stations using their repeater and Al, VE4DK and Tony, VE4YY used our machine, VE4TPN. The opening lasted about twenty minutes. The distance between Prince George and Thompson is about 1050 Miles. Perhaps our repeater range is not as limited as we first thought. There was aurora at the time but the propagation mode that caused this extra-ordinary opening is unclear at this time. Al, VE4DK solicits comments as to what happened that night.

Thompson's newest Amateur is VE4AR. Welcome to Thompson Bob.

'73 to all.
Glenn, VE4GN

Turtle Mtn. News

Charlie, VE4LB

7

The Turtle Mountain Amateur Radio Club news has been supplied by Charlie, VE4LB via tapes. Charlie hopes to contribute every issue providing there is a sufficient amount of items.

Charlie and his associates offer congratulations to all those who participated in their Field Day and hope that all had a good weekend.

Hamfest '81 will be coming up in July 11 and 12th but if you plan to come on the Friday you could probably be assured of a good time. The camping facilities and accommodations are good and we hope for a fine weekend. The Boissevain Centennial Celebrations are also being held on that weekend so you may wish to participate in that but, be forewarned, that accommodations in that town will be scarce around that time.

Melita has a new Amateur; Bob Scott, VE4AJQ who received his call in mid-May and with the help of VE4BD Bob is heard QSOing with VE4LB and VE4BD on 3765 Khz at 1230. Bob's signal isn't too strong yet but hopefully changes will be made and we will have a much better signal from that Souris River town.

For the past couple of weeks VE4LB has been in the Brandon region and one of the highlights was an afternoon visit with VE4ID and VE5QM-Roland of Bellegarde.

VE4KIL is in full operation though some minor adjustments have to be made. Thanks to NOAFD, VE4AIE and VE4RO we now have a solid state repeater on the air and providing good coverage. As of two weeks ago VE4RO was off the air awaiting parts for his HP transceiver and we hope that he will be back on the air soon with his usual strong signal from the Lena district.

VE4BD and VE4LB attended the May meeting of the B.A.R.C. in their new meeting place at Assiniboine Community College. The atmosphere was most pleasant and about two dozen were in attendance.

On behalf of T.M.A.R.C. we would like to wish you all a good summer and hope you will spend it in our region particularly the weekend of July 11 and 12th.

-oOo-

Here are some for sale items: Contact Noel, VE4CF or phone 889-8436.

1. TEN TEC Century 21 Transceiver, CW only- \$320.00.
2. HEATHKIT 2036 2 meter fully synthesized transceiver complete with power supply - \$350.00.

-oOo-

I would like to thank Peter, VE4PG for all his assistance and input and am truly sorry we could not print his article on CW and CW Nets. We will definitely print this information in the September/October issue.

Remember to send your information in about two or three days prior to the designated deadline it will help to get the magazine to you faster.....Thanks, Joe, VE4ADJ.

Brandon News + Hamfest Info.....

The following newsbriefs and Hamfest information has been supplied by Dave, VE4XN who is a regular contributor to the MANAM.

First, the local VE4BDN News: - - - - - ...

The Brandon Amateur Radio Club now meets in the Conference Room at the Assiniboine Community College the first Tuesday of every month at eight in the evening.

The club plans to have an emergency practice session this fall to find out our weak points in providing communications in cases of emergency in our community. This possibly will include the hospitals and Police. We also plan again this year, an Amateur station operating at the Threshermen's Reunion July 22, 23, 24, and 25th of this year.

Its Brandon's centennial year in 1982 and hopes are to sponsor an award to honor the event. Details will follow later.

Our club has updated Charlie's, VE4LB's two-meter rig to an ICOM IC22. Joe, VE4JF sports a new TR-7850 which sounds real nice. Reg, VE4RW is now active again - good show Reg.

Dave is treasurer of the International Hamfest and is also Secretary/Treasurer of B.A.R.C.

The International Hamfest is to be held at the American Lodge Site at the International Peace Gardens on July 11th and 12th.

SATURDAY JULY 11TH.....

Mobiles and Talk-in stations meet at 3910 Khz SSB and 146.94 Mhz on Simplex for talk-in and event announcements.

REGISTRATION is from 12 AM to 6PM at the main lodge. FEES are \$10.00 for Amateurs and \$5.00 for XYL's and non-hams while children are FREE.

Two-meter TX HUNT is at 1:00 PM on 146.52 Mhz. Meeting place is the front of the lodge. BC TX HUNT for kids starts at 2 PM and it also meets in front of the lodge. SCAVENGER HUNT: 3 PM to meet in front of the lodge. 4PM to 6PM: SWAP TABLE, PRIZE DISPLAY, EYEBALL. 6:30 PM to 8:00 PM: "donated" items HAM AUCTION with the proceeds going to Hamfest funds-deposit items at the lodge.

PARTY AND DANCE: LIVE MUSIC 9PM FREE DANCE: Bring your own bottle; ice and mix available at the lodge.

SUNDAY ----- JULY 12TH.....

FREE PANCAKE BREAKFAST to those registered at 8:00 AM. CHURCH SERVICES available at the chapel. MEETINGS as desired, BY GROUPS:- 9AM to 11AM, Post your times and meeting places at the registration desk---announcements made on 146.94 Mhz. MOBILE JUDGING:- 11AM to 12NOON at the PARKING LOT in front of the lodge. MICROWAVE DISPLAY 11AM to 12NOON at lodge, courtesy Manitoba Hydro, with Home Economist Val Lindenbergh in attendance-with a presentation. BC TRANSMITTER HUNT for KIDS 12 NOON in front of the lodge. 75 METER TX HUNT 1 PM to 2PM meeting in parking lot in front of the lodge with the RULES being as in the official Hamfest Program. XYL and HARMONIC ACTIVITIES, at the lodge 1PM to 2:30PM"- BINGO SCAVENGER HUNT GAMES AND PRIZES. QL CONTEST (quick left foot); TWO METER TX HUNT 2PM to 3PM FRONT OF THE LODGE. FINAL REGISTRATION: 12PM to 3PM LAST CHANCE FOR PRIZES, "HAM OF THE YEAR" VOTING. ORGANIZATIONAL MEETING: 3PM, "Ham of the Year" Awards, ELECTION of the 1982 Hamfest Committee, DRAWING for PRIZES.

DEADLINE : SEPTEMBER 20TH.

VE4QST

VE4QST continues to broadcast bulletins from CRRL, ARRL and CARF at 23:35 on 3765. This will be suspended during July and August while CRRL and CARF take a break. ARRL bulletins will continue likely when

bulletins are asked for during M.E.P.N. The regular schedule will resume in September. CRRL bulletins are received Special Delivery mail two at a time. They are post-dated and cannot be read before the date on the bulletin. These are usually broadcast on Sunday, condition permitting. CARF bulletins are copied by VE4MG who copies VE3TCA both on SSB and CW on transmissions received at this station on Sunday. This bulletin is received in the mail sometime the following week. It is usually broadcast the day after receipt, the Monday, conditions permitting. I usually copy W1AW twice a week; usually Wednesday night and Saturday afternoon is sufficient to keep up. Only bulletins relevant to Canadian Amateurs are read of these. Thursday and Saturday nights these bulletins are read, conditions permitting.

VE4QST also works contests and DX. Contrary to popular opinion, the rest of the world does not seem to know that these call are CRRL/ARRL. I get comments about "nice call letters", etc. So far there has been no deluge of QSL's either, but response from DX remains to be seen. I also have to repeat the call several times for some people. They can't believe it is correct.

Submitted by Malcolm, VE4MG/VE4QST

Special. Events. Stations

One of the off-shoots of copying W1AW for VE4QST has been advance information on a number of special events stations that were operational in the U.S. over the past several months. This information was passed along to stations who copy VE4QST on 80 Meters. The end result has been a collection of certificates and commemorative QSL cards. In January, I worked KOLTC/O, Operation Icebox, billed as the coldest spot in the Continental U.S.A. by W1AW. The Icebox Gang were in two fish houses, each on a different band, on Rainy Lake. The certificate had a photo of the operators and included both the temperature when I worked them plus the wind chill temperature as well. On Valentine's Day, I QSO'd Valentine, Texas, N5D0/5. I am still awaiting my QSL for that one, the longest wait yet-three months up to time of writing. The Birthplace of America DX-pedition WA0VVM/O, so named because of the Viking Runestone found near Alexandria, Minnesota, featured a replica of the Viking monument erected to commemorate the Viking find on their certificate. Probably one of the better known special events stations was WB4ICJ operating during the launch of the space shuttle.....
.....Continued overleaf.....

Remember the Deadline for September/October Issue is September 20th. Does anybody have any historical interests in Ham Radio, if you have send them in to be published, you can have them back.....I promise.

Their certificate included a diagram of the space shuttle and included the Zulu time worked to two decimal points. I took photos of the station when I was there in 1977, but this was the first time I had QSO'd them. I stumbled across W5RRR, Houston Control, during the flight and anxiously await their QSL. I worked the Aberdeen, Mississippi Festival which I came across by accident, AF5V. Likewise while looking for another station I came across W8LC at Mount Clemens Train Depot in Michigan where Thomas A. Edison learned Morse Telegraphy. That certificate included a picture of a steam train at the depot in the olden days, along with the historical data of Edison's involvement with the depot. Having visited Edison's home, now a museum in Fort Myer's, Florida, and also being a history buff, this is one of my favorites. I have managed to find most of the stations announced via W1AW and VE4QST.

Most of the information provided frequency and times. The ones I don't always find are missing frequency or in one case, the call of the station was not given. Couple this with the stations bumped into, looking for the others, it makes for some very interesting operating and wall-paper. One station I missed because of a pile-up, another due to a blackout. But most of the stations can be easily worked from Manitoba where and when they say they will be on. The pile-up was on a station at a Civil War fort. Your certificate made you an officer in the Confederate Army. I was sorry I missed that one. The blackout was on the Tulip Festival from Holland, Michigan. So join in the fun, tune into W1AW or VE4QST for all the details or cruise the U.S. sub-phone bands on 15 and 20.

'73,
Malcolm, VE4MG.

-oOo-

We got in touch, via the Post Office with Chris, VE4NE, who looks after the QSL cards. You will generally find Chris, at all the auctions busily handing out his cards. Chris, is doing a great job.

CARF members may send all outgoing QSL cards to the central bureau. The cards should be sorted alphabetically by prefix and numerically by call area. Place small lots in heavy envelopes and address to: CARF National QSL Bureau, P.O. Box 66, Islington, Ont. M9A 4X1

This service is free to CARF members.

Place name, call, address and CARF number in the upper left hand corner.

Chris hopes to be at the Ham Fest at the Peace Gardens this year. Anyone may drop a dollar (\$1.00) in the mail to him and he will supply envelopes, at .39¢ each, and address same. Contact him any-- time on the air for information.

Chris's address is:

G.C. Attwood, VE4NE
17 8th Avenue S.W.
Dauphin, Manitoba.
R7N 1X3

-oOo-

If anyone knows where I can get a pair of crystals for the Neepawa Repeater, let me know.....Joe, VE4 ADJ.....

Canadian Ladies Amateur Radio Association

The following C.L.A.R.A. newsbriefs have been supplied via Malcolm, VE4VG.

The Canadian Ladies Amateur Radio Association (C.L.A.R.A.) is the women's version of CARF and CRRL.

The President for a two year term, 1981-82, is Diana Vander Zande, VY1DV. Diana also serves as Editor of The Clarion, the C.L.A.R.A. news magazine. CLARA at present, operates three nets: Tuesday at 1900 GMT on 14.160; Tuesday (local time) at 0200 GMT on 14.120/14.125, the first, third and fifth (when it occurs) Tuesday of the month; Sunday at 1900 GMT on 28.488. OM's and YL's are welcome to check in. It is quite common to have YL's on from every call area as well as possible DX. For example; Jasmine, G4KFP, checks the 10 meter net.

C.L.A.R.A. will celebrate its 15th anniversary in 1982 with a convention held in Manitoba aboard the M.S. Lord Selkirk. This will bring YL's and OM's from across Canada as well as DX. For example: it is understood that Mavis, VK3BIR plans to attend.

Any YL's interested in joining C.L.A.R.A. could contact VE4ST or VE4PE.

-oOo-

The following is a summary of the minutes of Weather Watch meeting of May 28, 1981 which was submitted by Peter Guenther, VE4PG.

The meeting was attended by Peter, VE4PG and Doug Fysh.

The aim of the meeting was to introduce the Weather Watch program to potential participants and to revitalize interest on the part of past participants. It should be noted that this program is part of the Emergency Measures Organization and any further information can be obtained by contacting EMO 15th floor, 405 Broadway Ave., Winnipeg, Manitoba. R3C 3L6.

The presentation consisted mainly of slides of tornadoes, etc., and their resulting damage. Several charts showed the location of the various surface weather stations in Manitoba and the upper air networks which are used for horizontal and vertical detection of weather conditions. Their supplementary data network consists of satellite photos and radar. It was said that the only sure way to get accurate, on the spot information was through reliable "watchers" on the ground. The Weather Watch program was established to provide AES with such reports of severe weather conditions. The ultimate goal of the program is to prevent loss of life and to reduce property damage caused by weather conditions such as damaging hail, etc. It was said that with weather forecasting it is difficult to predict the initial event of a tornado, for instance, (due to the small space and time scale) but through the reliable reporting of weather conditions its path can be predicted and warnings can be issued to reduce damage and loss of life.....Continued overleaf.....

DON'T FORGET THE DEADLINE: SEPTEMBER 20TH.....

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Several questions arose concerning such things as satellite photos radar range and Weatheradio Canada. Attendees were informed that satellites take weather photos every $\frac{1}{2}$ hour and photos take approximately 20 minutes to reach AES in Winnipeg. The range of the Weather radar located at the Winnipeg International Airport is approximately 120 nautical miles, covering the area east of Kenora, south of Grand Forks, west to Brandon and 120 miles north of Winnipeg. The communication time from a confirmed report to a weather warning is approximately 10 minutes. Weatheradio Canada was then explained as some of the attendees displayed interest in acquiring FM receivers to tune in the weather reports.

AES has essentially 3 main functions:

1. acquisition of information-which is accomplished through their various detection networks including weather watchers.
2. processing of information-which is accomplished by their meteorologists.
3. dissemination of information-which is accomplished by Weatheradio and the commercial broadcast media.

Mr. D. Henry (Atmospheric Environment Service-AES) indicated that the response to the Weather Watch program has fallen off in recent years but that it was not clear whether the reason for this was apathy or the exceptionally hazardless weather conditions that Manitoba has been experiencing. Mr. Henry went on to explain that their recruitment of new weather watchers took into consideration four factors: 1) organization, 2) internal communication, 3) geographical distribution throughout the province, and 4) interest.

The two potential participants who were invited to attend the meeting (Dept. of Agriculture and Amateur Radio Emergency Service) both agreed to participate in the Weather Watch Program. Mr R. Raddatz (AES) suggested that the Dept. of Agriculture get in touch with Mr. A. Martin of the Dept. of Agriculture and Mr. P. Guenther of the ARES to more fully explain the Weather Watch program and the details of reporting.

Thank you Peter, VE4PG for this information.

-oOo-

Here are some handy safety tips:

Do not assume the H.V. is 'off' when your transmitter is on receive. It is common for the H.V. to be on the finals of the tube-type SSB transmitters and transceivers (about 800 volts) when in receive, with the drive biased off (about 120 volts). If you assume the H.V. is "off" YOU might not live to tell about it

Lightening can be very damaging to your radio equipment. Many amateurs disconnect their antennas but leave the power plug unpulled. Don't you make this mistake when lightening is flashing or so might your equipment do likewise. (Courtesy The Ontario Amateur)

-oOo-

In the next issue, Deadline: Sept. 20th, we will publish another Word Search Puzzle which was computer generated to test your skill.

5-27-78

SPECIAL

SYMPOSIUM

SECTION

This special section, as advertised last issue, is brought to you by various ManHams who attended the CARF/DOC Symposium in Winnipeg, Friday and Saturday May 22nd and 23rd, 1981. The MANAM, who like to thank all those who attended and all those who sent in articles so the rest of us could know what it was like.

The first contribution "One Way to Spend a Wet Weekend", was submitted by Jim, VE4FK.

The weekend of 23-24 May was a wet one in Winnipeg--the rain the farmers had been praying for came all in one slug overnight Friday and most of Saturday!

The CARF/DOC Symposium opened on Friday evening with a "getting-to-know-you" party, and I was interested to meet, among others, Cary Honeywell, VE3ARS, the Editor of TCA, and Mitch Powell, VE3OT of CRRL. Amateurs from almost every area of Canada were present, but the turn-out from Winnipeg was disappointing, the majority of the Manitoba Amateurs present being from rural Manitoba. In view of the fact that CRRL, DOC and Emergency Planning Canada were represented in force, the poor representation of Winnipeg may not have gone unnoticed, and can have done little to salvage the already tarnished reputation of the Winipeg Amateur radio fraternity.

Work started in earnest on Saturday morning with a workload which was much too much for a one day symposium. Workshops were held on Malicious Interference, Emergency Communications, Experimentation and Regulations and Examinations.

I attended the workshop on Emergency Communications in my capacity as a District Emergency Co-ordinator of CRRL/ARES, and was excited to learn just how highly amateur radio is regarded by Emergency Planning Canada. "Amateur radio is regarded as no more and no less important than any other communication service", is almost a direct quote from a senior EPC representative. I interpret that as meaning that amateur radio ranks with the Military and the Trans-Canada Telephone System.

The workshop on Experimentation appeared to concentrate much of its time on allocations of sub-bands in the UHF spectrum, and personally I didn't find that an inspiring discussion. However, for

.....Symposium contributions continued next page, but first this word from the MANAM.....Do you feel listless, rundown, not yourself....THEN.....Pay your dues and enjoy what Manitoba Amateurs have to say about their area and what they are doing in general..... Contribute to the MANAM.....Deadline for the next issue.... which will be shortly after September 20th.....You guessed it the deadline, with a capital "D" is.....SEPTEMBER TWENTIETH.

those interested in some advanced systems and Moon-Bounce, it is important and some useful recommendations were made to DCC.

This workshop passed a resolution that DCC be urged to reinstate the word "Experimental" in the title of our license. This afforded me some ironic amusement that such a resolution should come out of a symposium in Winnipeg, a city whose amateurs daily demonstrate their complete disinterest in experimentation! Rag-chewing on commercially built, and generally inadequate and inefficient repeaters appears to be the limit of the average Winnipeg amateur's interest in the hobby.

My main impression of the Symposium was that too much had to be crammed into too short a day, and that possibly a better job could have been done with more time available. Also, I would have liked to attend all of the workshops, but because they ran concurrently I had to choose only one.

Many of the visiting amateurs wound up the day by dining at the "Hollow Mug", and enjoying the floor show. I would have to comment that the quality of the food and the standard of the entertainment must make that the best supper deal in the city. Judging by the lack of space in the parking lot, I'm not the only one who feels the same way!

Thanks are certainly due to Don, VE4NI and Len, VE4QL for their trouble and effort in organizing things so well. Thanks also to Alex, VE4??? for keeping the coffee pots going---and Alex, where did you get those delicious doughnuts?

-oOo-

The next article on "Illegal Operations" was transmitted via the radio waves by Harold, VE4AAF.

The Chairman or Chairperson of this workshop was Art Stark, VE3ZS. DCC of Ottawa was represented by Ron Powers, VE3FIN. Representing CERL was John, VE4ADS while the Secretary was Harold, VE4AAF.

The first item discussed was interference on Bands and fringes of Bands.

This is apparently a worldwide problem as these groups can apply pressure politically as lobbyists. Correspondence from DCC indicates that they are in favor of amateurs giving them extra "listening" power. DCC has a mandate to manage the spectrum not to chase offenders. They encouraged assistance in this but do not want to be deluged with reports. DCC knows what is required when violations occur but reports are not sufficient enough to prosecute offenders. DCC must obtain concrete evidence of their own and then prosecution will only occur when all other avenues have been exhausted. DCC gives out information to news media on successful prosecutions. Each Amateur should do as much as he/she can to convince the news media that these occurrences deserve attention.

Proposals were also made concerning teaching and testing. There should be more stress placed upon courtesy and operating procedures.

SPECIAL PREFIXES: were also discussed and it was noted that these special prefixes would be used mainly for contests. This matter was tabled for future discussion as criteria needs to be established for the signing of the special prefixes.

Wallet-sized certificates were discussed but DCC thought that the additional higher costs involved would be prohibitive--besides photocopy's of certificates are sufficient for proof. Amateurs would be advised to carry photocopies of their certificate while using mobile communications as the RCMP has been asked by DCC to make spot checks on mobiles to ascertain whether or not they have a valid

Amateur Radio Certificate.

The next report on the Symposium has been supplied by Don Campbell, VE4NI and Len Herrington, VE4QL who were co-chairmen.

This event is now history, but the discussions and recommendation will direct Amateur Radio policies for the future. In summary the following are the highlights:

The official response to this annual symposium is very favorable. Senior members of the DOC Ottawa (4) and Winnipeg (3) together with Emergency Planning Canada (EPC), Ottawa (2), gave up their weekend to attend. Both groups indicated their desire to develop close association with Radio Amateurs to our mutual advantage.

Friday evening was an informal gathering which, judging from the QRM, was a success in renewing old acquaintances and making new ones. It was planned to make formal introductions at 9.00 PM, but the QRM did not die down until 9.30 PM, at which time several had left.

Saturdays sessions at the Red River Community College saw three workshops well attended:

1. Amateur Emergency Communications (Nets, Etc.)
2. DOC Examinations and Procedures
3. Amateur Research and Technical Development

The fourth workshop, Amateur Illegal Operations was poorly supported. Unfortunately, the DOC were particularly interested in this subject, and in obtaining Amateur assistance in cleaning up non-Amateur illegal operation, which is reaching serious proportions. It is hoped that the Amateur will re-consider his attitude to this subject and support DOC's efforts.

Details of these workshops will be published when the tapes are transcribed. A common observation was that there was insufficient time to effectively cover the subject matter. A two-day symposium is no doubt required. Again, a Plenary Session ran overtime although efficiently handled by Bill Wilson. Participants obviously could have discussed some points in greater depth.

Individual points resulting from the discussions were:

1. International agreement was necessary when licensed Amateurs abused their privileges.
2. Effective judgement and penalties must be imposed on illegal operations.
3. In illegal operation the Amateur must leave the direct action to DOC or other government body.
4. For involvement in emergency operations the Amateur should carry an identity card the same as, or similar to, the Emergency Planning Canada cards.
5. Do's and Don't's for operators in respect of unscheduled accidents should be published.
6. Educational programs on handling emergencies should be provided by the Provincial Societies.
7. Emergency planning is a complex subject and varies greatly from Province to Province.
8. It is recommended that National Nets be expanded rather than new ones be started.
9. The new TRC-24, distributed at the symposium, appears greatly improved, but there was not time to analyze it, although DOC requested an early approval from the Amateurs.

.....To be continued next page.....Amateurs please take note of number seventeen.....When it says Amateur opinion at large it means that we are part of that at large. Have you been hearing "woodpeckers" on CKRC lately.

10. Restoration of an oral examination was requested but the DOC would not agree at this time, and pointed out that a clause "handicapped" would cover special cases, and educational backgrounds.
11. The new code requirements were considered an improvement, and the sending requirement at both applicable speeds approved.
12. Restrictions by "mode" should be removed and "bandwidth" used, but no limit be specified above 2300 Mhz.
13. Packet restrictions on 220 Mhz be removed.
14. A committee of Amateur Research to be established reporting to DOC.
15. ATV bandwidth above 432 Mhz to be changed from 4 to 6 Mhz.
16. The first 100 Khz on VHF/UHF bands to be limited to weak signal (DX) situations, and no specific bandwidth be quoted.
17. The proposed plans for 220 and 432 Mhz bands be publicized, and assessed by Amateur opinion at large.
18. Details were given on Amateur signal leakage into cable operators cables. This is a responsibility of the latter, and can be due to poor installation of the TV cable.

From a statistics point of view, 48 registered or attended. All call areas VE1 through VE7 were present. Other than CARF and ARLM representatives, CRRL, Nsara, RSO, Calgary ARC and North Okanagan ARS were officially represented.

The outstanding feature of the symposium was the degree of participation by all who attended. Our guests from DOC, both in Ottawa and Winnipeg, and the Ottawa representatives from the EPC, were most helpful in their candor and their interest in all that took place at the symposium.

We are indebted to Dale Johnson, VE4AED and Barry Malowanchuk, VE4MA, for leading the session on "Amateur Research and Development" including ways of encouraging Amateurs to take a greater interest in the spectrum above 148 Mhz.

The other sessions were lead by Amateurs from out of town:

Croft Taylor, VE3CR- Emergency Communications

Art Stark, VE3ZS- Illegal Operations

Peter Driessen, VE7BBQ- DOC Examinations, growth of the Amateur Service, etc.

We particularly appreciate the work of Bill Wilson, VE3NR, CARF President, who lead the discussions during the Plenary Session. The contributions of Mitch Powell, CRRL President, were both interesting and very helpful. The work of our secretaries: Dick Holder, VE4QK, John McFerran, VE4JY and Harold Pehr, VE4AAF aided the discussion leaders in their presentations at the Plenary Session. We also acknowledge the keen interest and important contribution of John Gowron, VE4ADS, during the sessions, and for his acting as secretary of the Plenary Session. John has been left with the onerous task of completing the minutes of the main session.

It was a remarkable occasion, and regretably one that will not be repeated in Winnipeg for a number of years. We missed those who were directly involved locally in the education of future Manitoba Amateurs, and those who had an interest in ARES, who could have made an important contribution to the discussion on Emergency Measures. Those who came showed a strong interest in the proceedings and had the opportunity to learn a great deal from the discussions with our visitors.

End of Symposium News.....

Bits of Knowledge Gleaned from Other Sources

The following bit of information was published in ZERO BEAT and now comes to you through the MANAM.

Microwave radiation killed a New York telephone company technician as the State's Workman's Compensation Board ruled. This decision is believed to be the first official finding of its kind.

The supervisor, who worked with TV relay equipment on the Empire State Building's 87th level, died of "abnormal premature aging", according to Dr. Milton Zaret, a radiation specialist and Professor at NYU's medical school. The supervisor, who lost his sight, hair and coordination before dying at 58, had worked at the Empire State installation for eight years.

This next bit is brought to you by THE ONTARIO AMATEUR.

There is a distinct possibility that the AMSAT Phase 3B satellite may carry a Mode M transponder with 1260 Mhz Uplink and a 430 Mhz Downlink if it can be installed in time. AMSAT now publishes a magazine: ORBIT. The annual cost of membership in AMSAT is \$16.00 while the lifetime membership costs \$200.00.

This bit of valuable information has been purloined via World Radio via THE GROUNDWAVE.

A valuable booklet on the conversion of 11-meter transceivers to 10 meters is available for the cost of postage from: Certified Communications, 4138 S. Ferris, Fremont Michigan. 49412. Just about any questions you may have are covered in the booklet, even clues as to which CB rigs convert well and which convert badly, if at all. Proof of your possession of an operating license compatible with the conversion you plan to do must be provided.

I found this bit in an old ZERO BEAT.

At the clubs meeting in January, 1981 a very interesting and informative talk on "direction finding" was given by Steve Chisolm, VE7KZ, ex-VE4AI. It states and I quote....."Steve gave very good explanations as to why and how of direction finding as well as demonstrations with direction finding equipment." It looks like Steve is becoming very active in this club.

If you own an ICOM hand-held transceiver there is now a 5/8 wave gain antenna with BNC termination available. For further information write or phone: VoCom Products, 65 E. Prospect, Suite 111, Prospect Heights, Illinois. 60070-1-312-459-3680. It costs \$24.95. It's a telescoping whip which extends from 8 inches to 47 inches. The matching coil is also the base spring.

Are your neighbours worried about your rig interfering with their "entertainment". If this concerns you, the Department of Communications has a very well done pamphlet on TVI.

Did you remember to pay your dues???? I did.

.....Tidbits Continued.....

This tidbit was supplied by the CARF News Service and concerns a very tough problem.

The CSA (Canadian Standards Association) has released its recommendations for the writing of standards for Electromagnetic Interference and Electromagnetic Compatability. CSA is also requesting industry support because it anticipates potentially serious EMI and EMC problems concerning the use and abuse of the radio spectrum and the reliability of industrial, commercial and domestic electronic equipment. Let it be known that CARF also supports this.

-oOo-

CRRL News

Membership in the CRRL has been increased to \$30.00 yearly due mainly to increased costs. However for this \$30.00 you will receive: QST Journal, Awards, QSL bureau, Low cost insurance, Technical information service, Operating aids, Training aids, Publicity assistance and Government liaison.

As a result of WARC '79, the Amateur service will be receiving new bands at 10, 18 and 24 Mhz. 10 Mhz will be Amateur on a secondary basis. 18 and 24 Mhz will be Amateur on a primary basis. CRRL, in a meeting with DOC has submitted a proposal asking that these bands be made available on January, 1982 rather than the late 1980's as originally planned by DOC.

The CRRL Advanced Amateur Licensing Manual is now available through the CRRL. It cost \$9.00 and is obtainable by writing to: Canadian Amateur Radio Licensing Manuals, 3275 West 22nd Street, Vancouver, B.C. V6L 1N1 or to the CRRL, Box 7009, London, Ontario. N5Y 4E9.

Maybe you didn't know it but Bert Anderson, VE4AP operates a mobile OSCAR station and is active on all bands from 160m to 23cm. VE4APO writes....."if ever there was an award for Elmer of the Year, this man would leave all others behind."

-oOo-

As Editor I am interested mainly, in news, viewpoints etc., which affect the Manitoba Amateur (our namesake magazine). Feel free to give an opinion on the running or publication of this magazine as it is yours, you make it possible, you paid for it.

Soon we will be issuing a questionnaire as to what interests you the Amateur. It will be sent out in a future issue. Unfortunately I cannot send a stamp so that it won't cost anything to send it in but the budget is tight and a stamp is only 17¢ and your opinion counts and the total results of the survey will be published. This magazine will try to publish the news that you want to hear.

-oOo-

I sure hope your busy collecting items for the next auction, no word on when it will be held but remember the Deadline: September 20th.

CARF News for Manitobans

The following is news from the CARF News Service with commentary by Malcolm, VE4MG.

The provincial repeater societies get on the alert. The Canadian Radio Relay League have asked that repeater operations be established in the top portion of the 10 meter band. The sub-allocations proposed to the DOC by CRRL are 29.52 - 29.58 Mhz Repeater inputs; 29.6 Mhz Simplex Operation; 29.62 - 29.68 Mhz Repeater outputs. The repeater societies have given excellent coverage for 2 meters throughout the province and they will soon gear up if permission is granted on this one.

It is understood that a group of Winnipeg Amateurs are very interested in QRP operation-communicating with only a few watts. They may be interested in joining a new club, the "VE QRP Amateur Radio Club" which is interested in both operating and home-brewing. For information on the club send an SASE to Lou Vermond, VE3QRP, 83 College St. W., Guelph, Ontario. N1G 1S2

Amateurs in Manitoba as elsewhere in Canada are waiting with bated breath to see if the FCC in the U.S. will allow U.S. phone operations down to 14.150 Mhz. If this goes ahead, we will see some terrible congestion from 14.00 to 14.150.

It is almost impossible now to work rare DX on 20 meters CW for the simple reason that the U.S. stations simply dominate if they have skip. VE4 could become very rare on 20 simply for the reason no one can find us buried in the QRM.

October 17 and 18 is the twenty-fourth annual jamboree-on-the-air, sponsored by the International Scouting movement. Now would be the time to contact your local troop to see whether or not they would like to participate via your station.

The June issue of 73 Magazine has an excellent article illustrated with a number of color shots, on the Manitoba-based Canadian Amateur Radio Research Club's 1979 stratosphere balloon repeater venture. Author is Jim, VE4PK. Congratulations Jim, I understand that it is quite an article.

73 Malcolm, VE4MG

-oOo-

Just a short note to Malcolm: Congratulations on your being a father on May 28th. Her name is Amy Dawn who was 9 pounds in weight. Grandparents are Ted, VE4TT and Bubbles, VE4ST.

-oOo-

DUES are only necessary if you want to keep your membership in the ARLM and if you want to keep receiving your VE4 Callbook and the MANAM. They are only \$4.00 and the money is put to a very worthy cause.....you see I want to take the wife to the Bahama's next year and we need the money.

Canadian
Amateur
Radio
Federation

CARF Information
can be obtained by
writing:

CARF Box 356

Kingston Ontario

K7L 4W2

The DOC has announced the dates for Amateur examinations in 1982: February 10, April 21, June 16, and October 20. The corresponding closing dates for applications are: January 13, March 24, May 19, and September 22.

During the recent flight of the space shuttle, engineers at the Florida launch site and the Houston control center set up Amateur stations to give minute-by-minute reports on Columbia's progress. The Cape Canaveral group, operating under the call WB4ICJ, are mailing out special QSL cards for the occasion. They must be something different as they are asking for 8 1/2 x 11 self-addressed and stamped envelopes. Both stations were very popular.

Full operating privileges may soon be available to foreign Amateurs who want to operate in Japan. A bill being considered by the Japanese government would lift the present restriction which limits foreign Amateurs to the operation of club stations only under the supervision of a Japanese Amateur. If passed, both Canadian and Japanese Amateurs would benefit. The Radio Act requires true reciprocity in the granting of Canadian privileges to foreign Amateurs. When DOC learned of the Japanese restriction last year, it had to discontinue efforts to reach a reciprocal operating agreement. Hopefully DOC will resume negotiations when the Japanese bill is passed

-oOo-

REMEMBER: The staff and management of the MANAM are taking a well deserved rest for July and August. The next edition of the MANAM will be published shortly after the deadline date of September 20th. If you have any contributions over the summer please send them in at least two or three days BEFORE the deadline date.

All forthcoming issues will be limited to twenty-eight pages due to budgetary considerations.

Always remember this maxim: "Do right and well and let the world sink."- Herbert.

The Continuing Story of INTERFERENCE

Interference.....what a thorn in the side of your average amateur radio operator. This fellow makes you TV watchers think your neighbor with the antenna farm is interfering. They ask themselves..."what is that 'beep-beep' coming across on 'Little house on The Prairie'...they didn't have radio's then did they?

But, here it is Part Three in the continuing story of INTERFERENCE.

Interference Correction - External to Equipment.

1. Check connecting cables. Replace long ones with shorter ones wherever possible. (or as they say in governmental circles ASAP)
2. If RFI is noticed only when the tone arm of the phono is touched by hand, a ground wire between the tone arm and the preamplifier ground is necessary. Use a flexible lead which will not restrict the movement of the tone arm. If the phono headshell is bakelite or plastic, a small piece of foil or metal between the cartridge and the headshell, grounded to the tone arm metal or changer metal base will help, if insufficient shielding of the cartridge is the cause.
3. If RFI is noticed only when the microphone is hand-held, a ground wire between the microphone shell and the preamplifier ground is needed. A "buzz" recorded on the tape from a hand-held microphone may also be caused by a defective or poorly shielded microphone. Before attempting to ground the tone arm and/or microphone, one should ensure that there is no A/C leakage to the preamplifier ground. If such leadage exists, contact the equipment manufacturer for further instructions.
4. Interference may be due to long speaker cables. In extreme cases of strong RFI, the interference may be noticed when the radio equipment is "OFF". Replacing unshielded speaker cables with shielded ones and/or installing capacitors across speaker terminals and/or winding leads through a torroid will usually cure the problem. Capacitors should be selected with care, as too large a value could deteriorate the frequency response of the system. Most amplifiers can tolerate fairly large capacitors across the speaker terminals before oscillation occurs. However, it is advisable to check for oscillations with an oscilloscope to prevent a case of blown speaker voice coils. This check must be made with the speaker cables connected or if the cable capacitance per foot is known, a capacitor simulating the cable capacitance must be added. To prevent damage to the output stages, DO NOT operate the amplifier with the speaker cables disconnected unless you are sure that the amplifier has a load resistor across the output stages.
5. Once the capacitance at which oscillation starts is known, the TOTAL MAXIMUM capacitance MUST NOT be more than HALF of that at which oscillation starts. As the point of oscillation is a fixed value for the individual amplifier, and the length of speaker cable is fixed depending on the installation requirements, the RFI filter is only variable. (With special thanks again to THE GROUNDWAVE)

Next issue the story continues....Isn't this just like watching "As the Stomach Turns" on afternoon television????????

-oOo-

SUMMER is here, have fun but remember to think about the MANAM and be aware of the deadline.

Technical Oscillations

The following technical article was supplied by The Canadian Amateur and was sent to that magazine via Tim, VE5ADL.

Amateurs that build their own equipment do so for two reasons:

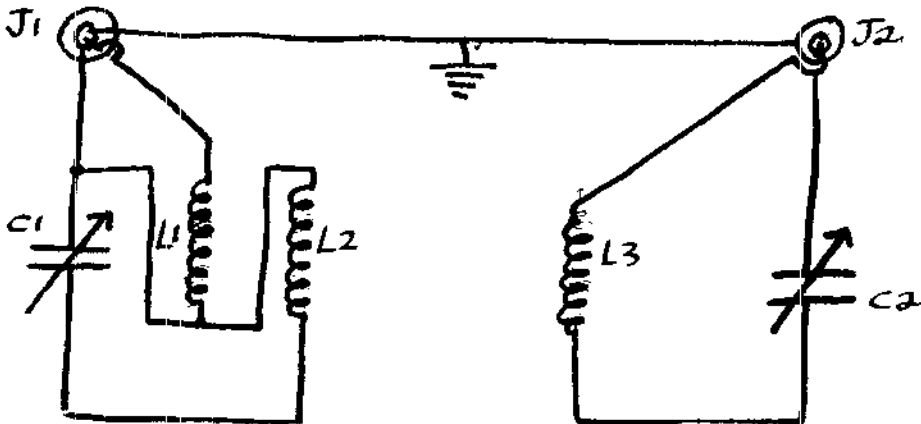
1. To save money.
2. For fun.

Both of these advantages are useless without friends to supply the necessary parts. (at greatly reduced cost of course)

An example of this is antenna matchers and tuners both which require toroidal cores (try to find those in Portage la Prairie) and special inductors, which often have to be stolen.

The following schematic is of a QRP Antenna Matcher which uses only four components and three "roll your own" coils.

The diagram explains it all.....



J1 and J2- Female, 50-239 Connectors

C1 and C2- 150 to 300 pF Trimmer Capacitors

L1, L2 and L3- Number 22 wire, $\frac{1}{8}$ inch diameter form. Close-wound around common center, each coil is 6 turns, total length is $\frac{3}{4}$ inch.

Even though the deadline for the next issue is SEPTEMBER 20th, it's not that far away. But don't worry, I'll probably remind some of you with another letter.

Did you know that the fine hair from a cow's ear is used to make "camel hair" brushes?????????

The Financial Situation

AMATEUR RADIO LEAGUE OF MANITOBA FINANCIAL STATEMENT. 1980

INCOME

Dues.....	\$690.00	
Auction: Commission and Donations.....	142.03	
Auction: Catering.....	41.26	
Interest.....	155.57	
Miscellaneous.....	15.50	Total= \$1044.36

EXPENDITURE

Printing: MANAM.....	\$273.47	
Printing: VE4 Callbook.....	80.38	
Postage and Stationary.....	173.34	
Call Books: USA and Foreign.....	41.90	
Miscellaneous.....	14.75	Total= \$583.84
Balance: excess income over expenditure.....	460.52	

BANK SUMMARY

Opening bank balance as of January 1, 1980.....	\$1305.47	
Excess income over expenditure.....	460.52	
Cheque not cleared.....	27.90	
Term deposit (matured).....	1000.00	
	Total= 2793.99	
1979 cheques cleared in 1980.....	85.00	
	2708.99	
Correcting balance.....	2.10	
	Total= 2711.09	
December 31, closing bank balance:		
Savings account.....	\$1861.05	
Chequing account.....	850.04	
	Total= 2711.09	

The preceding has been supplied by Len, VE4QL.

I thought that it would probably be a decent idea if the MANAM held a contest. Now, what kind of contest. Now, that's a real poser ain't it ?

Well...it looks like Bert beat you guys at the auction again this year. Better luck next time.

Remember that DEADLINE: SEPTEMBER 20 TH.....

Statistics Count

Report of the Manitoba A.R.R.L. Evening Phone Net.

March, 1981.

Number of Sessions.....31
 QNI Total Check-ins.....1129
 QTC Formal Traffic During Net 59
 QTC Formal Traffic by the Individual Stations;

VE4PG...102	VE4ID...26	VE4AAD...15	VE4LB...11	VE4AFO..6
VE4RO...81	VE4AJE..25	VE4HA...12	VE4FK...8	VE4CR...4
VE4AEJ..60	VE4JA...22	VE4NE...12	VE4NM...7	VE4ADS..3
VE4TE...29	VE4ACX..19	VE4AAU..11	VE4AED..6	VE4CF...3
VE4JP...9	VE4LN...3	VE4AEE..2	VE4EN...2	VE4WG...2
VE4XN...2	VE4BE...1	VE4HH...1	VE4JF...1	VE4ST...1
VE4TT...1				

TOTAL =481.

Band conditions were fairly good except for a few nights when propagation was very poor. Both Eastern S.S.B. and U.S. C.W. QRM on the net frequency has been quite severe at times.

Check-ins have increased to some extent but the traffic by the individual stations has increased by approx. 81% compared to February.

Edwyn, VE4EF and Jim, VE4FK have returned from a holiday in the Southern U.S.

APRIL, 1981.

No. of sessions.....30
 QNI Total Check-ins.....875
 QTC Formal Traffic During Net.38
 QTC Formal Traffic by the individual Stations:-

VE4PG...65	VE4FK...20	VE4CR...4	VE4BF...1
VE4RU...38	VE4AAD..16	VE4EN...3	VE4YQ...1
VE4TE...29	VE4XN...8	VE4MG...3	
VE4AJE..28	VE4LB...7	VE4NM...3	
VE4HR...24	VE4NE...5	VE4AAF..1	
VE4JA...22	VE4AFO..4	VE4ADS..1	

TOTAL= 303.

Band conditions have been very poor for about 35% of the month as far as the net is concerned and both check-ins and formal Tfc. have decreased considerably as compared to March.

Charlie, VE4GB has returned from the Southern U.S. A number of stations have indicated that they will not be able to check into the net due to a heavy work load on the farm.

Following a review by Ron, VE4NM and others an up-to-date roll call was printed and mailed to all net controllers and their alternates in April by Bill, VE4AFO. Bill does a very fine job.

'73

Bill, VE4CR. Secretary.

Editors Comments

I have been recently informed that membership in the ARLM has not been growing as fast as the Amateur population has. I would like to make a few suggestions as to why this decline has been allowed to happen. You may understand that these comments are my own and do not necessarily reflect the views of the ARLM executive.

Before I commence my commentary I would like to point out that when Malcolm, VE4MG was the Editor of the MANAM he left us a standard by which all Amateur club magazines should be judged and we as Amateurs should be grateful for all the work that he has done and is doing.

There have been basically two things missing of previous MANAM's and they are:

1. Local News.

In the past with exception as I have mentioned, there has been more concern for national events in our magazine then there was for the local Amateur. I have noticed that most other club magazines have a lot of local news, bantering etc and this is what I feel that a club magazine should be concerned with. Don't get me wrong, there are many national news and events happening that concern the Manitoba Amateur which must be included in our magazine.

2. Appreciation.

Appreciation or the lack of it is another very important issue which has caused a stir among our local Amateur population. I submit that this is also the cause for the declining membership. I think that a lot more Amateurs would have contributed a lot more if their efforts were somehow more recognized.

I do not think that these two items are true today and I feel that with more local news and some degree of appreciation this decline in the ARLM membership will turn into and incline.

I do not feel that the MANAM can fully accommodate all interests or satisfy the needs of all Amateurs in Manitoba. It can however, provide an overall view, with some details, of what ManFams are concerned with. This can only be accomplished by individual Amateurs sending in their contributions on a regular basis. It is also very important that you mail your articles so that they arrive two or three days before the deadline. This gives me time to compile, type, collate etc., all the articles into the 28 pages I am allowed and then send them away to be photographed.

If anyone has any cause to disagree or add to these statements please feel free. If you desire your replies to be published say so and it will be done.

Since this is the Symposium issue I would like to say that I was sorry that I was unable to attend as it looked like a very interesting show.

Good Luck in your new writing careers!

Joe, VE4ADJ

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Western;
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TVI; Ted Timlick, VE4TT, 1317 Magnus Ave, Winnipeg. R2X ON9
Bob Pettit, VE4OP, Box 506, Brandon. R7A 5Z4

From ARLM.
Box 475,
Winnipeg,
Manitoba,
R3C 2J3

To Amateur Radio Station



R.Holder, VE4QK,
725 Oak Avenue,
Beausejour, MB,
ROE 0C0

ARLM MEMBERSHIP APPLICATION FORM

Detach and mail with \$4.00 fee to; ARLM, Box 475, Winnipeg, MB, R3C 2J3

Name; _____ VE4 _____

Address; _____

Area; Eastern _____ Western _____ Northern _____ (check one)