

# Newscaster

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

June 1996

## Elections

Dayton Overview  
Last Minute Field Day Plans  
Year End Wind-up

Date: **Jun 10, 1996**  
Time: 7:30 p.m.  
Place: Sturgeon Creek Regional Secondary School

### Other Important Dates:

Articles: Produce them all summer long

WARC: June 11 - Marathon Pre-Race Meeting  
June 16 - Marathon  
June 23,23 - Field Day  
Sep 9 - Meeting

WSC: Jun 13 - Breakfast  
Sep 12 - Picnic

ARES: Jun 18 - 2Mtr Bicycle Mobile Safety  
Jul 16 - Lightning Protection  
Aug 29 - Meeting - Rules of Order

Other: June 28-30th - Black Hills HamFest  
July 12,13,14 - 33rd. International HamFest  
Aug 3-5 - Camp 807 - Dryden  
Sep. 7,8 - 2nd. MARM Hamfest

WARC: Executive for 1996			
Past President	Barrett Filbert	VE4ABA	338-2441
President	Richard Kazuk	VE4KAZ	895-4778
Treasurer	Rick Lord	VE4OV	896-0631
Vice-President	Jeff Dovyak	VE4MBQ	694-8146
Secretary	Roxanne Byron	VE4ZF	257-8525
Membership	Keri Kazuk	VE4KER	895-4778
Flea Market	Jim Ross	VE4AJR	256-6366
Program	Rob Kaufmann	VE4GV	488-0077

### Words from the President of WARC: by Richard, VE4KAZ

As I am writing this the sun is shining, the sky is clear and it is 26°C. Yes, I am still in Winnipeg, and it looks like summer has finally arrived!

June is election time for the WARC Executive. Contact any member of the current WARC Executive for nomination purposes.

The Manitoba Marathon is fast approaching (June 16). If you are interested in helping out, please contact Kay Quinn VE4YF. And don't forget Field Day June 22/23 at the Boy Scouts of Canada Camp Amisk (just across from La Barriere Park) on Waverley South of the Perimeter Highway. Field Day is a chance to come out and see the different aspects of amateur radio and to get some hands on experience. I hope to see a lot of you there.

The second weekend in July is the International Hamfest at the International Peace Gardens. It is a great weekend of camping, hamming and festivities for the whole family, with a flea market attended by Burghardt.

That's all for this year. I would like to thank the WARC Executive for all of their help over this past year. I would also like to thank all of the volunteers who help make WARC the great club that it is.

On behalf of myself and the Executive, I hope that everyone has a great, and safe, summer. Remember to take your ham equipment with you wherever you may travel \_ you don't want to miss out on those interesting contacts. `73. See you in September.

### Weather Watchers Wanted

Manitoba ARES is looking at working with Severe Weather Centre of Environment Canada in implementing a CanWarn System in the Manitoba region. If you are interested please call your ARES emergency co-ordinator or VE4MBQ. or VE4DJM

## **Winnipeg Senior Citizens Radio Club** **released by Alf, VE4ALF (President -96)**

First, please make a note that the JUNE breakfast is being held at the NORLANDER INN on Pembina Highway. During this event, a survey will be taken of your preferences as to the place(s) you want to meet for the breakfasts; the results of this, plus the answers we receive from the questionnaire in 'SPARKS', will determine the future meeting place(s) for the breakfast. Your input is very important, as we want to have large turn-outs at these monthly breakfasts. So see you all on JUNE 13th, 9 a.m., at the Norlander. Same good food, same good price, same wonderful camaraderie. You owe it to yourself to BE THERE! The last breakfast held (on a trial basis) was at the Garden City Inn, and had one of our biggest turn-outs yet - 33 in total! Let's see if we can equal this on June 13th.

The big Spring clean-up at the Club has happened (May 25), and many showed up to do a real fb job. You should see a sparkle next time you visit. Thanks to those that helped out.

The Canadian Red Cross is trying to set up special frequencies (a la CFARS) outside the ham bands so that emergency traffic can be handled without general QRM and deliberate jamming. The HQ station in Ottawa (VA3CRC) is presently licensed, with the callsign VCR888. VE4WSC (the official Manitoba Red Cross-affiliated station) has signified, at the last Board meeting, that we are in support of this initiative and objective. More on this later.

Thanks to the following who made equipment and/or parts donations to the Club recently: Clare Nesbitt, VE4NL; Kirby Nesbitt, VE4NU; Keith Hood; Larry Whittaker, VE4SW (son); and Dave Jones, VE8DAV.

Our Club membership now stands at 164, with the acceptance of 2 new members: Bill Shipley, VE4BYL and Rudy Peters, VE4RP.

Although this is a future Club activity, date has been set for the annual PICNIC. On September 12th (a Thursday), at the St. Vital Park regular site, we will once

Comments or if you just want to reach us :

**Newscaster Editor**  
**Winnipeg Amateur Radio Club**  
**C/O VE4WSC**  
**598 St. Mary's Road**  
**Winnipeg, MB R2M 3L5**

<http://www.freenet.mb.ca/amradio>

again hold this looked-for affair, so mark your calendars now.

Congratulations go to the following who took the Basic + 12 w.p.m. classes, and passed: Alan, VE4ALN; Bill, VE4BYL; Gladys, VE4GLA; Don, VE4MCL and John VE4SEM. The next course in the Fall will see a new book used, called "Ham Radio Made Easy", which helps newly licensed Hams to get acclimatized quickly.

Again we want to mention the computer lending program run by Harsha, VE4SAI. Seniors, especially those with Ham licences, can obtain a DOS-based computer, including software, for up to four weeks. This enables the user to see what use one could be in his personal life before buying one. If you are interested, call the Club at 233-3122 and leave a message.

John, VE4EI, advises that the Club now as an IP number for TCP/IP packet, using VE4IP on 145.69s: 44.135.125.55

All members will have received their copy of 'Sparks' by the time this is being read - hope you enjoyed it, and will consider giving your editor material for the late Fall issue.

Lastly, if you are a senior, or over 55 and retired, and not yet a member of VE4WSC, please consider joining. We have lots to offer you. See Arch, VE4AAI for an application.

## **MINUTES for W.A.R.C. - May 13, 1996**

Sorry but the minutes did not make it by press time. Copies will be available at the meeting for member approval.

## **ARES Committee Report**

***Comtelco Electronics***  
**1456 Logan Avenue**  
**Winnipeg, MB, Canada R3E 1S1**

**Authorized Kenwood Dealer**

**MFJ \* Chushcraft \* Alinco \* Valor**  
**Sangean \* Aor \* Uniden \* Optoelectronics**

**Canada Wide Mail Orders**

**Phone (204) 774-9313 Fax (204) 772 3550**

## Applied Communications & Electronics

2-414 Westmount Drive, St. Boniface.  
204-253-3963

### Specials on 2 meter Antenna's Contact us for your Larsen or Sinclair Antenna needs.

Specializing in service and repair of Communications equipment, two-way radio and marine electronics. We invite all our friends and customers to drop in and visit. Please call Gerry, VE4ACE for more information. See our ad in the 1995 Fall blue book (inside rear cover).

**HF-VHF-UHF  
Commercial-Amateur-CB-Shortwave-Scanners  
Installations-Repairs-Modifications**

**by Jeff, VE4MBQ**

Seventeen members provided amateur communications for the 10K 6th annual Physio Fit Run Saturday May 4/96 at Assiniboine Park. Thanks to all operators, special thanks to Yori Tsuji for the use of his portable repeater and generator, and to Richard Kazuk for the use of his pop-up antenna mast.

In recognition of National Emergency Preparedness Week thirteen members participated in a mock aviation accident Saturday May 11/96 at Little Mountain Park. Guest observers included Paul VE4AEY and Clayton VE4CLY from Interlake ARES.

Twenty-four members provided amateur communications for the 10K Olympic Day Run Sunday May 26/96 at Pan Am Stadium. In addition to the "usual" positions that are covered at this type of event (race director, co-ordinator, water station, traffic marshals, net controllers, etc..). We also were able to arrange for a liaison operator to attend the University of Manitoba police office and for a liaison operator to accompany the supervisor of the Winnipeg police traffic escort. Any traffic motor vehicle problems reported by ARES operators on the course were quickly attended to. Thanks to all operators, special thanks to the University of Manitoba Amateur Radio Society for the use of the VE4UMR repeater.

Winnipeg ARES has scheduled twenty member-volunteers to provide amateur radio communications for the Run For Light in support of the Manitoba Blind Sports Association on Friday, May 31

at Assiniboine Park. This event is a 5 k run and a 3k walk done in the dark. This will be our first dark operation.

Winnipeg ARES is not required to provide communications for this year's Duck Race. The continued high river levels will prevent the "ducks" from going into the river. We might well be involved next year though. Preliminary contact had been made with the 1996 Canada Day committee for Winnipeg - we might get involved on Canada Day!

Dick Maguire attended the Emergency Preparedness College in mid May for the Emergency Telecommunications Course. Jim Ross and Robert Stegmaier are scheduled to attend the Manitoba Emergency Management Course in early June. The educational opportunities afforded to us by the City of Winnipeg and Manitoba Emergency measures are deeply appreciated.

The May meeting featured a presentation on Severe Weather by meteorologist Pat McCarthy from the Severe Weather Centre at Environment Canada. A business meeting followed with wide ranging discussions. Upcoming events include providing communications for the Terry Fox Run Sep 22/96. it would be a treat to have the Terry Fox operators confirmed by the end of June. (hi hi)

The next three meetings at St John Ambulance 535 Doreen Street \*\* at 1900hrs.

June 19 Bicycle Safety & considerations for 2m bicycle mobile - by Dick VE4HK

Jul 16 Lightning protection for amateur radio equipment - by Mike VE4KLM

Aug 20 Rosner's Rules of Orders for efficient meetings - by David VE4DAR

\*\* location subject to change due to renovations. Changes will be on the MRS 2 mtr net.

### **RAC NEWS BULLETIN INTERNET EDITION - 1 MAY 1996**

#### **Manitoba Marathon - Meeting June 11**

The pre-race meeting will be on June 11/96 at the Manitoba Sports Federation 2.nd floor - 200 Main Street. Free parking underground (bring up your parking pass to be validated). The meeting will start at 7:00 pm. Please try to attend so you can pick up your information pack. We will be using tactical callsigns this year. This will be explained at the meeting.

## Issued at RAC Administrative Office

### **RAC 1996 BOARD MEETING IN OTTAWA**

The Board of Directors of Radio Amateurs of Canada met in Ottawa on April 19 and 20, 1996 for its 6th meeting.

#### ***Executive***

RAC Midwest Director Dave Panting, VE4EF, was elected First Vice-President of the RAC Executive by the Board of Directors. Former First Vice-President, Tim Ellam, VE6SH, continues to serve as a Vice-President on the Executive and has assumed the role of General Counsel. His primary responsibility will be to look after the legal and regulatory affairs of RAC and its associated companies and to provide assistance to the President on special projects and other administrative matters.

Rick Lord, P. Eng., VE4OV, of Winnipeg, was appointed to carry out Mr. Panting's unexpired term as Midwest Director.

#### ***RAC News Bulletin***

As of the end of June 1996, the monthly RAC news bulletin, distributed by regular mail, e-mail, packet, Usenet and the RAC Home Page, will no longer be monthly as a matter of course, but will be produced and distributed only when warranted by news developments.

### **SENIOR DISCOUNT FOR QST**

Radio Amateurs of Canada have been advised that starting on April 1st, 1996, the discount given to seniors on their subscription to QST will be permanently discontinued.

### **Mail Order Distributors by Rick, VE4OV**

Rick has compiled this list of mail-order Distributors who supply a catalogue to hams who wish one. Some of these companies charge for the catalogue, but most who do charge will offer a credit on the first purchase for the value of the catalogue. In no particular order:

Burghardt Amateur Centre  
182 North Maple  
P.O. Box 73  
Watertown SD 57201  
1-800-927-4261  
cost: free

Atlantic Ham Radio  
368 Wilson Ave.  
Downsview ON M3H 1S9  
1-416-636-3636  
cost: free

Norham Radio Inc.  
4373 Steeles Ave. W.  
North York, ON M3M 1V7  
1-416-667-1000  
cost: free

Icom Canada  
3071 # 5 Road, unit 9  
Richmond BC V6X 2T4  
1-604-273-7400  
cost: free

Kenwood Electronics  
6070 Kestrel Road  
Mississauga, ON L5T 1S8  
1-416-670-7211  
cost: free

Yeasu USA  
17210 Edward Road  
Cerritos, CA 90701  
1-310-404-2700  
cost: free

Skyware  
Box 64590  
1942 Como lake Ave.  
Coquitlam BC V3J 7V7  
1-604-944-1790  
cost: \$2.00

Amateur Elect. Supply  
5710 W. Good Hope Rd.  
Milwaukee, WI 53223  
1-800-558-0411  
cost: \$5.00 US

Universal Radio inc.  
6830 Americana Pkwy.  
Reynoldsburg OH 43068  
1-800-421-3939  
cost: \$1.00 US

Amateur Radio Supply  
5963 Corson Ave S. #140  
Seattle, Wash. 98108  
1-800-457-2277  
Cost: \$2.00 US

#### ***Magazines & Kits:***

The Canadian Amateur  
Radio Amateurs of Canada  
P.O. Box 536  
Kingston, On K7L 4W2  
1-613-634-4184  
cost: \$36.00/year includes RAC membership

CQ  
 CQ Communications Inc.  
 76 North Broadway  
 Hicksville, NY 11801-2953  
 1-516-681-2992  
 Cost: \$33.75/year US

Radio Fun  
 Box 4926  
 Manchester, NH 03108  
 1-800-257-2346  
 cost: \$27.90/ year US

QST  
 American Radio Relay League  
 225 main Street  
 Newington CT 0611  
 1-203-666-1541  
 cost: 57.75/year US

73  
 P.O. Box 58866  
 Boulder Co 80322-8866  
 1-800-289-0386  
 cost: \$43.16/year US

Ramsey Electronics (kits)  
 793 Canning Pkwy.  
 Victor NY 14564  
 1-716-924-4560  
 cost: free

*(ed. the following are URL address extracted from the VE4 Callsign Area homepage.)*

**Radio Manufactures & Vendor Companies**

- "http://11204.87.235.3/AEA"
- "http://www.alinco.com"
- "http://www.icomamerica.com"
- "http://www.accessnv.com/kenwood/amateur.html"
- "http://www.kantronics.com"
- "mailto:7206.1763@compuserve.com" MFJ
- "http://www.mot.com/" Motorola
- "http://www.sony.com:80/"
- "http://www.yaesu.com"
- "http://www.cyberspc.mb.ca/~comtelco">Comtelco Electronics - 40 Channels
- "http://www.interlog.com/~ahr" Atlantic Ham Radio
- "http://www.burnabyradio.com/ham/brc.html" Burnaby Radio
- "http://www.com-west.com/com-west"
- "http://www.osha.igs.net/~durhamradio"
- "http://www.elkel.qc.ca"
- "http://www.norham.com"
- "http://infoweb.magi.com/~testequi" W..J. Ford Surplus Supplies

- "http://www.net.comart/marcom/bmstr.html" AAE Bandmaster
- "http://www.pics.com/gilfer/" Gilfer Shortwave
- "http://hamradio.com/" Ham Radio Outlet
- "http://www.juns.com/radio" JUN'S Electronics
- "http://www.radioinc.com/" Radio City
- "http://www.csz.com/sarrio.html" Raymond Sarrio Company WB6SIV
- "http://itre.ncsu.edu/radio/RadioCatalogSW.html#HamRadio" The Short wave Radio Catalog Ham Radio Page
- "http://www.qrz.com/qrz\_cd.html">The QRZ Ham Radio CDROM

**TRANSMISSION LINE LOSS TABLE**

**D AND E WELDING**

Aluminium, Galvanized, Steel & Various Other Metals  
 102 Devos Road  
 Garage Door #24 A & B, Winnipeg, MB

Specialized Welding Repairs of  
 Antennas and Towers  
 Custom Built Aluminium Cabinets  
 for Repeaters or Ham Shacks

**Ernie Vosper Ph:(204) 261-3099**

**FOR COAXIAL LINE**

[by N8XRA@WB8H.#SEMI.MI.USA.NA](mailto:N8XRA@WB8H.#SEMI.MI.USA.NA)

Cable type RG/U	Frequency in MHZ						
	10	50	100	200	400	1000	3000
6A	.04	1.90	2.70	4.10	5.90	9.80	23.00
8,8A,213	.55	1.30	1.90	2.70	4.10	8.00	16.00
Belden 9913	**	.64	1.00	1.60	2.50	4.50	**
Belden 9914	**	1.10	1.60	2.40	3.50	6.00	**
Belden 9888	.60	1.20	1.70	2.70	4.20	7.80	14.20
Belden 8214	.60	1.20	1.70	2.70	4.20	7.70	14.20
8X	1.10	2.50	3.70	5.40	8.00	13.50	26.00
9,9A,9B,214	.66	1.50	2.30	3.30	5.00	8.80	18.00
11,11A	.66	1.60	2.30	3.30	4.80	7.80	16.50
14,14A,217	.41	1.00	1.40	2.00	3.10	5.50	12.40
218,219	.24	.62	.95	1.50	2.40	4.40	9.50
Belden 9915	**	.60	.80	1.20	1.90	3.50	**
34,34B	.32	.85	1.40	2.10	3.30	5.80	16.00
55B,223	1.20	3.20	4.80	7.00	10.00	16.50	30.50
58	1.25	3.15	4.60	6.90	10.50	17.50	37.50
58A,58C	1.40	3.30	4.90	7.40	12.00	24.00	54.00
59,59B	1.10	2.40	3.40	4.90	7.00	12.00	26.50
62,62A	.85	1.90	2.70	3.80	5.30	8.70	18.50

\*\* - No data available (all values are DB per 100 feet)

**Camp 807**  
by VA3RGA

The Dryden Amateur Radio Society is hosting Camp 807 & would like to invite all VE4's to this years event. It will take place Aug 2-4, 1996 at the Birchland Trailer Park, two miles west of Dryden on Hwy 17. Birchland has complete hookup, indoor washrooms & showers.

There will be a sheltered flea market & BBQ area. Rates are \$14.00 for basic service - \$16.00 for full hookup.

Registration is Friday Aug 2. Saturday evening will feature BBQ Steaks. Cost is \$8.00 per person. For those who do not wish to camp there are hotel/motels nearby. For more info please packet. VA3WGB@VE3EEX, or VA3RGA@VE3EEX or e-mail wbirnie@moosenet.net. phone (807)-937-5721

To register send your name, call, address, # in party # a cheque to:

Camp 807  
C/O Dryden Amateur Radio Society  
P.O. Box 368  
Dryden  
Ontario  
P8N 2Z1

**WORKED ALL WINNIPEG AWARD**  
by Dick, VE4HK

The "WORKED ALL WINNIPEG AWARD" is sponsored by the Winnipeg Amateur Radio Club Inc., and is awarded to an Amateur Radio Operator in recognition of his/her outstanding achievement in having accomplished two-way radio communications with the required number of VE4 radio stations located within the City of Winnipeg, Manitoba, Canada.

The award is a beautiful certificate, on parchment paper stock, with drawings along the borders, showing many of the attractions of the City of Winnipeg, along with provincial emblems.

**THE RULES ARE AS FOLLOWS**

Stations WITHIN Manitoba, including the City of Winnipeg, must work at least 25 different Winnipeg stations.

Stations OUTSIDE Manitoba, but within the North American continent, must work at least 15 different Winnipeg stations.

**M.A.R.M. Second Annual  
HamFest  
September 7 & 8, 1996  
Manitoba Agricultural Museum  
Grounds  
Austin, MB**

Flea Market Commercial Displays, Computer Fest, Radio Controlled Aircraft Demo. Saturday Dinner & Dance. Ladies & Kids activities, Rabbit Hunts, Food Concession, tours of the Museum.

For more info or to register contact:  
Dave Snyder, VE4XN@VE4BBS.#hwd.mb.ca.noam  
204-728-2463

Stations OUTSIDE the North American continent must work a minimum of 10 different Winnipeg stations to qualify.

Any band or mode may be used, but all contacts between two individual stations MUST BE DIRECT CONTACTS. (repeater contacts are not allowed) If a SINGLE MODE and/or a SINGLE BAND are used for all the qualifying contacts, it will be noted on the award.

All contacts from January 1, 1956 are acceptable.

QSL cards are not required. A certified COPY of your log book (with signatures of two other Hams who have checked your log) is all that is necessary. This copy should be mailed, together with \$2.00 or 6 IRC's, to cover the cost of the certificate and postage, to:

"WORKED ALL WINNIPEG AWARD" Custodian  
c/o Dick Maguire VE4HK  
598 St. Marys Road  
Winnipeg, MB R2M 3L5

**Amateur Radio -  
An `Operator's' Viewpoint**

**WARC members renewing RAC membership**

Please ensure that you quote WIN102 when renewing or beginning your RAC membership. The Winnipeg Amateur Radio Club receives a commission from RAC each time a member uses WIN102.



**by Ed, VE4YU**

Amateur Radio is a fascinating and multi-faceted hobby. People get involved for a variety of reasons, such as: an interest in electronics, the fun of building equipment, a desire to meet people, the challenge of obtaining a license, a means of keeping in touch with family and friends or competition in making contacts.

I'd have to say that my reasons for getting a license 42 years ago were: an interest in electronics, the thrill of making distant contacts and a desire to meet people. I never really liked to build things, but I have constructed quite a variety of ham radio items over the years out of financial necessity and to enhance my operating.

I built my first 10W transmitter using a single 6AG7 vacuum tube and later, a 150W amplifier using 2 x 807 tubes. I have also built many Heathkit kits but my main passion has always been operating. It didn't have to be DX, although I've always enjoyed the thrill of working that hard to get station. It was, I think, being able to make the contact with the barest of equipment and least desirable antenna system.

I remember getting my phone privileges and building a single 6SL7 cathode modulator for the 10W homebrew transmitter. Using this on AM at 3W output, I thrilled at working 80M AM in Toronto and making some very respectable contacts. My receiver was an SC38C Hallicrafters, which I still have, and it amazes me now that I could have made any contacts using this receiver. I graduated to a Heathkit AT-1 transmitter (35 watts) and using a Windom antenna (off-center fed) I began to work real DX. Of course the sunspot cycle of the mid to late fifties was at its best.

I've had many hours of pleasure with HF QRP, mobile HF and digging out a station I could barely hear through the noise and QRM. CW DX contacts, made while driving at 65 mph on a busy highway, are quite a challenge, but loads of fun for me. Anyone can make contacts with a kilowatt and a 7 element beam at 300 feet, but using 5 watts and a dipole at 25 feet requires some skill, persistence and lots of patience. Give me a few milliwatts of power and a half decent antenna and I'll keep at it until I know I've been heard.

Some people hate contests, and I'll admit that sometimes I don't understand the motives behind those high powered, super antenna and ideally located stations that are always in the fray. They always make the best showing and it does take special skills to do so.

Even for the casual operator, contests are fun. You get to test your operating skills and see how your

station is 'getting out'. You also get to work some of those rarer DX stations that are only visible during contests and you may even provide scarce Manitoba to some logs.

Amateur radio means different things to different people, but regardless of your interest, get active and explore the many facets available to you. It is one of the best hobbies out there, so help keep it alive, get involved!

## ARRL Suggested Standard File Form

### M.R.S. - system changes

Due to the failure of the VE4MAN repeater during a storm a few weeks ago. The whole repeater & controller has been brought off the tower. When it goes back up the tower it will be located 300 feet lower than previous. At the same time the VE4WPG repeater will now be capable of linking into the VE4MAN repeater. We ask that all operators give the system a try and let us know if there is any major differences of coverage. The antenna system for WPG will be upgraded in the near future.

### extracted from Arri FTP site

#### For Submission of Contest Log Data

All files must be in standard ASCII format. All files must be on an MS-DOS formatted disk, 3.5 inch (720-KB or 1.44-MB) or 5.25 inch (360-KB or 1.2-MB). The diskette label should clearly indicate the call sign used, contest name, entry class, and date of the contest. The log data file name shall consist of the call sign and the extension ".LOG". For example: KR1R.LOG. The log file must consist of one line of data per QSO (no more than 80 characters wide), without headers, footers, page breaks or other non-ASCII characters. All QSO data must appear in each line, aligned by columns, and must include the following:

- band: wavelength for HF and frequency for VHF.
- mode: designator such as CW, PH, etc.
- date: in MM/DD/YY or DD/MM/YY format.
- time: 4-digit UTC without colons.
- call sign of station worked.
- complete exchange sent.
- complete exchange received.
- indication of multipliers:
- for example an "\*", section/prefix/zone, or etc.
- points claimed: ALL unclaimed QSOs must be "0" points.

Multioperator, two-transmitter category log in the ARRL International

DX Contest must indicate which transmitter made which QSOs.

In contests that require rest periods, the "times on" and "times off" must be in a separate column. A paper summary sheet is required of all logs, either an official ARRL summary sheet or a close facsimile with a signed contest participation disclaimer. All diskettes become the property of the ARRL and are not returnable.

*SAMPLE FILE:*

```
20 CW 15/02/92 0001 UW9WA 599 MA 599 100 * 3
20 CW 15/02/92 0001 UZ1AWJ 599 MA 599 200 * 3
20 CW 15/02/92 0002 OZ1IKW 599 MA 599 100 * 3
20 CW 15/02/92 0003 UZ9XWT 599 MA 599 100 3
20 CW 15/02/92 0003 UZ4WWA 599 MA 599 200 3
EOF
```

## AMATEUR RADIO "Q-SIGNALS" FOR CW USE ONLY

Extracted from the ARRL FTP site:

QNA Answer in prearranged order.  
 QNC All net stations copy.  
 QND Net is directed.  
 QNE Entire net stand by.  
 QNF Net is free.  
 QNG Take over as net control station.  
 QNI Net stations report in.  
 QNM You are QRming the net.  
 QNN Net control station is [call sign].  
 QNO Station is leaving the net.  
 QNP Unable to copy you.  
 QNS Following stations are in the net.  
 QNT I request permission to leave the net.  
 QNU The net has traffic for you.  
 QNX You are excused from the net  
 QNY Shift to another frequency.  
 QNZ Zero beat your signal with mine.  
 QRG Will you tell me my exact frequency?  
 QRH Does my frequency vary?  
 QRJ Are you receiving me badly?  
 QRK What is the intelligibility of my signals?  
 QRL Are you busy?  
 QRM Is my transmission being interfered with?  
 QRN Are you troubled by static?  
 QRO Shall I increase power?  
 QRP Shall I decrease power?  
 QRQ Shall I send faster?  
 QRS Shall I send more slowly?  
 QRT Shall I stop sending?  
 QRU Have you anything for me?  
 QRV Are you ready?  
 QRX When will you call me again?  
 QRY What is my turn?

QRZ Who is calling me?  
 QSA What is the strength of my signals?  
 QSB Are my signals fading?  
 QSD Is my keying defective?  
 QSG Shall I send messages?  
 QSK Can you hear between your signals?  
 QSL Can you acknowledge receipt?  
 QSM Shall I repeat the last message?  
 QSN Did you hear me?  
 QSO Can you communicate with me?  
 QSP Will you relay?  
 QST General call preceding a message.  
 QSU Shall I send or reply on this frequency?  
 QSW Will you send on this frequency?  
 QSX Will you listen?  
 QSY Shall I change frequency?  
 QSZ Shall I send each word more than once?  
 QTA Shall I cancel message?  
 QTB Do you agree with my counting of words?  
 QTC How many messages have you to send?  
 QTH What is your location?  
 QTR What is the correct time?

## The Origin of SOS & MAYDAY From KS9K & NB9C - DX Cluster

*(extracted from The Saskatoon Amateur Radio Club's Feedline)*

Records Indicate that a British vessel used radio as early as 1899 to summon aid. The first radio distress call came from an American vessel has been traced to 1905. But radio operator Jack Binns made headlines in 1909 when he stuck to his post on the stricken steamship Republic to send the distress signal then in use, "CQD:.. In 1912 the ill fated Titanic flashed the same call.

Before the turn of the century there was no real special; radiotelegraph call for emergencies at sea. One pioneer operator simply sent the letters "HELP" in code. In 1903, Italy suggested "SSSDDD" as an international radio emergency call. By 1914, a number of ships engaged in Atlantic trade were equipped with "wireless", as radio was known, and they requited land telegraph operators for sea duty. The operators resorted to the landline general call "CQ", meaning "attention all stations". In 1904, the Marconi company add the letter "D" to signal distress.

Meanwhile, German ships had been using "SOE", and in 1906 Germany recommended these letter as an international distress call. This combination was deemed unsatisfactory to radiotelegraphy because the final dot was often obliterated by static or other interference. The American delegation to an international conference



suggested "NC", which is the call for help in flag signaling. However, international agreement was reached on "SOS", which became effective in 1906, though "CQD" continued to be used by British ships for some years thereafter. For radiotelephone purposes, or voice transmission, the international distress call is "MAYDAY", which corresponds to the French phrase "M'aider" meaning "help me". It was adopted from a British proposal approved by an international convention in 1927. It has since been used by military as well as civilian ships and aircraft. In 1963, an international telecommunication conference agreed that the distress signals "SOS" and "MAYDAY" should be used in space communications.

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

---

Well it's the end of another year for the Winnipeg Amateur Radio Club, and what a year it has been. I know that I was certainly busy with the newscaster and the development of the VE4 CallSign HomePage.

I want to thank all those closet writers who finally broke down and submitted me an article or two. See I told you it was easy to do, just pick a topic that is of interest to you, and once you get the first few lines done the rest just seem to flow out. So now that summer is here all you other writers will have plenty of time to put some thoughts to paper. Remember that it's your newsletter. You decide what goes in and what stays out. That is, unless, I have to do the searching for articles, then it's my choice. So unless everyone is interested in the same areas of amateur radio that I am, you better start writing.

To help in the editing of the newsletter I am offering Free Diskettes to anyone who submits an article for the Newscaster. This will help me out in the re-typing phase. And I won't mis-spell your articles this way. Graphics can be in a variety of formats.

With summer finally here (at least today anyway it's 26 C as I type this), it time to start thinking about all the summer activities that amateur radio offers. There are the many HamFest's, the 33rd. International HamFest at the Peace Gardens on July 12,13,14, the Black Hills HamFest June 28-30th, Camp 807 will be in Dryden this year on Aug 3-5 and locally there will be the 2nd.annual MARM Hamfest on Sep.7,8

Other than the hamfeststhere are other activities like the Manitoba Marathon on Fathers Day morning. I'm not sure how long amateurs have been providing communications for this event, but I have helped out

every year since I have been licensed. And believe me it's a lot of fun. Never mind the warm feeling you get when you do community service like this. If you missed the Marathon there are a lot of smaller runs and events that can use amateur radio communications to help them out and to provide safety to participants. If you are interested in helping out for any of these events or others please contact Jeff, VE4MBQ and let him know you would like to help out.

Well tomorrow (as I type this) is the Amateur Radio Blood Donor Clinic that I arranged. If all goes well we will have this a few times a year. So if you missed out this time around you will get another chance in the Fall.

Contests happen all summer long and they are not just for those who are HF qualified. There are a number of VHF & UHF contests as well. And don't forget Field Day on June 22 & 23. (see the back page for a small list of activities that will be happening). Check the ARRL contest calendar from last months newscaster, or check into the VE4 Callsign area home page and then access both ARRL & RAC homepages for a listing of contests. Also for you Canadians at heart there is the Canada Day contest. Why no see if you can raise all the RAC stations that will be operating.

For you VHF & UHF'ers don't forget about working the meteor's during the first week of August. VHF & UHF ducting should be good to the south this year as the jet stream will be hovering over Winnipeg, brings along all those low pressure systems which lead to those enormous ducts for several hundred miles. Also remember to get up early in the morning to work the temperature inversions. For those of us with HF ability the sun gods also tell me that propagation is starting to rise once again. So tune up those HF rigs, get those antennas up in the air, turn on the air conditioner and talk up a storm. See you all in September.

## **73**

### **Have a safe and enjoyable summer**

You can submit articles to me via the internet as: derek@facs.mb.ca or ve4hay@ve4umr.ampr.org or via packet as: ve4hay@ve4kv.#wpg.mb.ca.noam. I can also be reached on MWCS or at my home number 257-1420.

**Field Day - June 22-23/96**  
**Boy Scouts of Canada's - Camp Amisk**  
**(just across from La Barriere Park)**  
**on Waverley South of the Perimeter Highway.**

**3 HF Stations** will be set-up and operating on **20 meters, 40 meters, & 80 meters**. **One station** will always be set aside **for beginners** who wish to get their feet wet on HF. Other than the simple di-pole & inverted 'V' antennas, there will also be a **6 element tri-bander beam** (with a 40 meter add-on). As a special attraction there will be an **8 foot weather balloon** which will hold up a long wire. Besides the HF stations there will also be **VHF, UHF,** and **ATV** stations. To kick the event off there will be a **Bar-B-Q** lunch just prior to the start time of 1200 hours (local time). And if enough interest exists by the following morning the crew who worked the night shift operating will be making a **pancake breakfast**.

If you would like to see what Field Day is all about, here is your chance. Come on out and operate for an hour or more. To book your operating times or band selection please call Rob Kaufman, VE4GV at 488-0077. Also **help is still required** for the **set-up** on Saturday morning as well as the **tear-down** on Sunday afternoon. As well as various functions and other duties. a couple of laptops are also needed for the logging at each station, and if you happen to have a generator they could really use its capabilities.

Parking is available for RV's and for camping. Because this is a city park it's B.Y.O.B.