



The

NEWSCASTER

The Official Publication of the Winnipeg Amateur Radio Club

May 2003

Free to Members

Propagation explained?

By Adam, VE4SN

Date: May 12th, 2003

Time: 7:30 p.m.

Place: Sturgeon Creek Regional Secondary School

Other Important Dates:

Articles: April 29th - May Newscaster deadline

WARC: June 9 - Field day/Marathon primer
June 15 - Manitoba Marathon

WSC: June 9 - 20th Anniversary of WSCRC

ARES: May 10th - CanWarn Spotter training

Other: June 15th - 25th annual Manitoba Marathon
July 11-13 - 40th Annual International HamFest
August 1-3 - Camp 807 Dryden, Ontario

Nets: Daily 01:00 UTC	MB Evening Phone net 3760 KHz
Daily 01:30 UTC	Prairie traffic Net (CW) 3660 KHz
Daily 02:30 UTC	Aurora #2 net 7055 KHz
Daily 14:30 UTC	MB Wx Net 3743 KHz
Weekdays 9:00am	Seniors morning net 147.390 MHz
Wed. 9:00 pm	Six Meter net 50.238 MHz.
Thursday 9:00pm	MRS Net 147.390 MHz +
Sunday 9:00pm	MRS Net 147.390 MHz +

The President's Call **By Louis, VE4PLJ**



As I write this article it is snowing once again. I thought spring was here. I guess this was winters last kick at the cat. Well our last meeting was home brew night and we had 4 entries on display. Good work to those four people. We almost had to cancel the flea market this year. But thanks to Ruth VE4XYL for a great job of selling the tables. I will have a report in the next news letter on how the flea market went. If you all remember a couple months ago we handed out a survey. But we had a poor turn out. We only got 12 back. On April 15th VE4HAY sent out the survey by e-mail and in one day I received 4 back. This I think is great and it's nice to see a member take a matter in to there own hands. This is a perfect example of volunteering. Way to go Derek. We only have two more meetings. Lets see if we can have a big turn out for the remaining meeting. Spread the word. Or bring a friend or family member. Heck talk your whole family on coming. Make it a family affair.

From the Planning Chair: **Glen, VE4GWN**



Home Brew night had four entries they were:

Kent Hasse VE4KEH,
Tom Higgins VE4ZV,
Ed Horton VE4EIH, and
Dick Higgins VE4RHG.

WARC: Executive for 2003

Past President	Darcy Wilson	VE4DDW
President	Louis Gaudry	lcgaudry@mb.sympatico.ca
Vice-Pres	John Pura	ve4qv@rac.ca
Secretary	Ruthie Maman	rmaman@mb.sympatico.ca
Treasurer	Fred Venema	fvenema@shaw.ca
Membership	Mark Blumm	ve4mab@rac.ca
Program	Glen Napady	ve4gwn@rac.ca
Director at Large	Rick Allan	rickalla@mts.net

All four won \$25.00 for there efforts. As usual the discussions around each of the projects was very informative. The descriptions of the projects are in the minutes of the meeting so I will not repeat them here. I'm writing this about 7 hours after the flea market. I would like to thank Ed, VE4EIH for coordinating this event. I don't have the list of everyone who helped, but I thank each and every one. I believe the list of winners of the door prizes will be listed somewhere in this issue of the News Caster, but I will congratulate Fred, VE4TRO for winning the radio world gift certificate. May 12th will be Adam, VE4SN giving an introduction to propagation. This is the presentation that I originally tried to get Adam to give in October when he was booked to teach at the Basic Class, at VE4WSC. Elsewhere in the issue there are proposed changes to the WARC By-laws. Please read them as we will be voting on them during the June meeting. We will also be voting for at least one member to the board of directors, so please show up so we can have a quorum. I'm still working on next falls program, so suggestions are always appreciated either by e-mail ve4gwn@rac.ca, phone 831 8082, or on the VE4WPG repeater.

Minutes for W.A.R.C. April 14th, 2003
Submitted by Ruthie, VE4CRS

Meeting called to order at 1935 hours. Introductions followed. 40 members were in attendance.

Motion to accept minutes of February meeting as printed in Newscaster by Tedd VE4VID seconded by Dick VE4HK. Carried.

Business Arising from Minutes

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

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

Flea Market:

- Report from Ed VE4EIH that all is ready for Flea Market. Special draw for \$100.00 donated by Radio World.

Trailer:

- Announced that Derek VE4HAY is continuing on his own to refurbish trailer, and anyone who wishes to volunteer to help is welcome. This is not a club project.

Treasurer's Report - Fred VE4FV

Report for February, March to April 14, 2003.

Revenue: - \$135.00
 Expenses: - \$1,031.23
 Bank Balance: - \$4,974.75

Programs - Glen VE4GWN

Home-brew night: - slips to fill out by participants.
 May: - Adam VE4SN – presentation on propagation
 June: - yearly wrap-up, including: - by-laws, Flea Market report, Marathon and Field Day updates and elections. One position on executive to be filled. Suggestions for presentations are always welcomed.

Membership - Mark VE4MAB

There are 149 paid members.

RAC - Adam VE4SN

Was asked to do a survey if any schools or organizations are conducting Ham Radio classes. Discussion by members re Winnipeg organizations conducting classes and whom to ask.

ARES and Marathon - Jeff VE4MBQ

Jeff addressed concern expressed at Jan 2003 WARC meeting regarding lack of recognition of Amateur Radio volunteers at the MB Marathon. Marathon organizers are inviting people who have been volunteering for at least 20 years to "Unsung Heroes Dinner" 29 May. Representing Amateur Radio will be Dick VE4HK, Tom VE4SE, Ed VE4EAR, Kelly VE4XT and Al. VE4AJO. There may also be some recognition for some Amateur Radio organizations. Jeff will report at JUNE WARC meeting on this issue. Richard

Parkside Appliance & Electronics



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John, VE4JNF

386 Belvidere Street 885-9278
<http://www.escape.ca/~ve4jnf> ve4jnf@escape.ca

VE4KAZ and Jeff VE4MBQ will also be attending as members of the Marathon Technical Committee.

64 Amateurs have registered as Marathon volunteers. Still in need of 10 – 16 operators. Contact Robert VE4RST ASAP, telephone 982-9600, or email: - fphysio@mb.sympatico.ca

MB ARES now running HF Readiness Net twice a month (2nd and 4th Sunday of the month), 1600h local. NCS is Wayne VE4WR, back-up NCS is VE4WWO. The net is run on 7070 and 3735 kHz and VHF (VE4EDU and IRLP to Dauphin Network).

ARES will be holding CANWARN Spotter Training SAT 10 MAY, 4th Floor 123 Main St – PSC. Basic/Refresher Spotter Training at 0900h, Advanced Spotter Training 1300h – register with Jeff by 23 APR. You do not have to be an ARES member to be a CANWARN Spotter.

VE4WWO Net Controllers meeting 06 MAY. Several new controllers needed this season. You must be an ARES member to be a CANWARN Net controller (ID card/security concerns). Summer Severe Wx Season runs 12 MAY – 07SEP with someone on call 0930-1730h and 1730-2130h daily. The on-call Net Controller has an Environment Canada pager, keycard to access the building, and a parking pass. If interested contact Jeff ASAP.

Next WPGARES General Meeting is Tue. 15 APR 1900h Sir Wm Stephenson Library.

Newscaster - Derek VE4HAY

In need of articles for Newscaster. Meantime getting articles from Australia.

DX Sleuths - Adam VE4SN

Nothing doing!! At bottom of solar cycle. Propagation almost nil. Some US Hams not talking to Canadians. Some discussion re same. S



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Field Day - Louis VE4PLJ

There is no coordinator for Field Day.

Suggestion to make Field Day and Flea Market coordinator part of the executive. Discussion followed. Pointed out that WARC members need to take part and volunteer for different WARC activities. Executive plans and suggests.

International Ham Fest, - Rich VE4RA

40th anniversary year of Ham Fest. Dick VE4HK volunteered to help. There will be fantastic prizes: - HF rigs, 2m radios, etc. Expecting large participation. Event well advertised. Great place to meet hams.

New Business - Louis VE4PLJ

Reported following action items: -

Survey – only 12 members participated. Being compiled and taking suggestions into consideration.

By-laws being reviewed and revised as necessary. Suggestion for change will be presented at May meeting and voted on at June meeting.

Mall display that was planned fell through due to unsuitable mall venue.

Cadet presentation went well. Member volunteers involved.

Looking into doing summer open-house/festival/display at park venue.

WARC archives at WSC organized and locked.

Investigated better insurance rate for next year.

Intensive investigation of trailer option.

Looking into purchasing HF rig and/or PA system. At moment checking out prices. No decision will be made without bringing options to members for approval. Estimated cost of PA system in use this evening \$800.00.

Looking into ordering WARC personalized badges.

Radio Sponsorship at Flea Market.

Discussion followed particularly re purchasing HF rig, badges, public demonstrations, possibly purchasing antennas, PA system. Tabled for now. PA system in use now was donated to WARC by Derek VE4HAY.

Business meeting adjourned at 2015h.

Home Brew Night Participants

Kent Hasse VE4KEH Portable HF Antenna. A simple and portable HF vertical travel antenna.

Tom Higgins VE4ZV. Gell cell charger capacitance meter.

Ed Horton VE4EIH. 2m rabbit antenna. Rabbit ears modified for 2m use.

Dick Higgins VE4RHG. 144/440 SAR and FS meter, 440 HT J-Pole.

All participants received prize of \$25.00 each.

Thanks to all who participated.

WPGARES
Jeff Dovyak VE4MBQ

Our April meeting featured a short video appearance by Wayne Warren VE4WR who was unable to attend the meeting but wanted to give us some information about "Operation Blow" (an exercise held in Altona last fall).

WPGARES members are staffing VE4WWO for the Manitoba ARES Readiness Net, 2nd and 4th SUN of the month. Thanks to VE4s ACX, KEH, MBQ who have volunteered so far for Exercise 32. Some photos of WPGARES members participating in Exercise 29 - SKYWARN Recognition Day can be seen on the "Amateurs in Action" section of the RAC web-site <http://www.rac.ca>

WPGARES is celebrating Emergency Preparedness Week <http://www.emergencypreparednessweek.ca/index.html> this year by training/education. TUES 06 MAY is Natural Hazard Preparedness Day - quite appropriate since we will be holding the VE4WWO CANWARN Net Controllers Meeting at 1900h Prairie Storm Prediction Centre (PSPC) 123 Main Street that day. We are still looking for a couple of new CANWARN Controllers - if interested please get in touch ASAP. SAT 10 MAY will see us co-hosting CANWARN Spotter Training at PSPC.

WPGARES had a very successful fundraising operation at the recent WARC Flea Market. Thanks to Dick VE4HK and Mariska VE4MMG for getting things organized. Thanks to VE4s: DWG, MAQ, SYM, MMG, HK and MBQ for working the booth. Thanks also to Wayne VE4WTS for renewing our display board. Speaking of fundraising and support, Rogers AT&T Wireless is donating paging service for the EC's and AEC's pagers (3 pagers total).

It is not too late to volunteer for Amateur Communications for this year's Manitoba Marathon SUN 15 JUN. You can get in touch with Robert VE4RST if interested, 982-9600 or e-mail: ftphysio@mb.sympatico.ca The Marathon is probably the largest on-going Amateur operation in Manitoba, an excellent experience for your first or twenty-first public service event ! Please register by THURS 08 MAY.

We plan to enjoy July and "only" be occupied with CANWARN and emergency call-outs and then start getting busy again mid-August with the NWIRA 100th Anniversary Regatta at Winnipeg Rowing Club 21-23 AUG, we are still in need of a few volunteers each shift (0530-1300h Thus, Fri., Sat; 1230-2000h Thus and Fri.; 1730-2000h Thus and Fri.). Mid-June we will start recruiting volunteers for Terry Fox Run SUN 14 SEP and Parkinson Superwalk SUN 21SEP. You

can register now for any of those three events thru MBQ if you are ready to sign-up.

Our next General Meeting is TUE 20 MAY 1900h at Sir Wm Stephenson Library 765 Keewatin Street. Ed Richardson VE4EAR will be coming to talk to us about the Trunked Radio System that Winnipeg Fire-Paramedic Service will be moving to. We will likely be making a decision on whether to increase annual dues (effective 01 JUNE 2003) or expect each member to sell a quantity of raffle tickets annually to pay for public damage, liability, and property insurance coverage that we have recently obtained

Winnipeg ARES Silent Auction April 27, 2003
By Dick, VE4HK

Winnipeg ARES held another very successful Silent Auction, during the Winnipeg Amateur Radio Club Inc. Spring Flea Market today. Preliminary numbers indicate that WARES raised \$225.00, which is very good!

Mariska VE4MMG divided the donated prizes into 9 different lots, put them in wicker baskets, and covered them with cellophane. We received many favourable comments on the packaging, and the presentation of the cards, showing the contents of the lots.

The prize winners were:

- Lot 1 and Lot 9 Cal, VE4XQ
- Lot 5 Bill, VE4AAZ
- Lot 2 Ron, VE4SR
- Lot 6 Ross, VA4RMM
- Lot 3 Bruce, VE4KQ
- Lot 7 George, VE4GHR
- Lot 4 Tom, VE4HQ
- Lot 8 Tom, VE4AER

Thanks to the following Amateurs who donated prizes for the Silent Auction - VE4DL, VE4DAR, VE4KU, VE4KEH, VE4HK, VE4MMG, VE4CRS, VE4SYM, VE4TRO, VE4RST, VE4FR, VE4CLK, VE4YH, VE4MGR

Thanks also to Jay Anderson of Prairie Storm Prediction Center (The Weather Office), and BJ Madsen VE5FX, Midwest Director of Radio Amateurs of Canada for their donations. Thanks to Sue VE4SYM, Don VE4DWG, Bob VE4MAQ, Jeff VE4MBQ, and Mariska VE4MMG for looking after the ARES table, and selling silent auction tickets. Another thank you to Wayne VE4WTS for the very creative job he did with our new display board. Finally, a big THANK YOU to everyone who purchased tickets for our Winnipeg ARES Silent Auction

Contest Calendar

May, 2003

AGCW QRP/QRP Contest		1300Z	May 1
IPA Contest	CW	0000Z	May 3
MARAC County Hunters Contest	CW	0000Z	May 3
10-10 Int. Spring Contest	CW	0001Z	May 3
Indiana QSO Party		1300Z	May 3
ARI International DX Contest		2000Z	May 3
New England QSO Party		2000Z	May 3
		1100Z	May 4
IPA Contest	SSB	0000Z	May 4
VOLTA WW	RTTY	1200Z	May 10
Oregon QSO Party		1400Z	May 10
FISTS Spring Sprint		1700Z	May 10
CQ-M International DX		2100Z	May 10
Anatolian	RTTY	1800Z	May 16
His Maj. King of Spain Contest	CW	1800Z	May 17
Baltic Contest		2100Z	May 17
CQ WW WPX Contest	CW	0000Z	May 24
VK-ZL Trans-Tasman	Phone	0800Z	May 24
QRP ARCI Hootowl Sprint		2000L	May 25
MI QRP Memorial Day	CW	2300Z	May 26
Six Club WW Contest		2300Z	May 30
Great Lakes QSO Party		0000Z	May 31

June

VK-ZL Trans-Tasman Contest	CW	0800Z	Jun 7
IARU Region 1 Field Day	CW	1500Z	Jun 7
ANARTS WW RTTY Contest		0000Z	Jun 14
Portugal Day Contest		0000Z	Jun 14
WW South America	CW	0000Z	Jun 14
Asia-Pacific Sprint	SSB	1100Z	Jun 14
West Virginia QSO Party		1600Z	Jun 14
ARRL June VHF QSO Party		1800Z	Jun 14
All Asian DX Contest	CW	0000Z	Jun 21
SMIRK Contest		0000Z	Jun 21
AGCW VHF/UHF		1600Z	Jun 21
Kid's Day Contest		1800Z	Jun 21
Marconi Memorial HF		1400Z	Jun 28
ARRL Field Day		1800Z	Jun 28
QRP ARCI Milliwatt Field Day		1800Z	Jun 28
His Maj. King of Spain Contest	SSB	1800Z	Jun 28

National Special Events Prefix

Thanks to the generous financial support of the Signalers Club of Canada, I wish to inform all, that Industry Canada has authorized the use of a "Special Event Prefix" to celebrate the 100th Anniversary of Military Communications in Canada.

Industry Canada letter of January 28, 2003, file # 6202-2, authorizes the use of a special call sign prefix for ALL CANADIAN AMATEURS during the period of 1 July 2003 to 31 August 2003.

Special Event Prefixes will be:

XM for all VE's

XL for all VA's

XN for all VO's

XO for all VY's

i.e. my call is va3trm, I can use xl3trm during that period of time

I encourage all hams to use this special prefix and to pass this on to all hams in your area, especially those with club newsletters.

For more information pertaining to the other celebrations planned for the 100th anniversary visit the web page at www.commelec.2003.ca/

GB4CEB

At the suggestion of Sam Kennard, an avid Amateur Radio Op who is a member of the Sigs Club and lives in England, and at the request of the Sigs Club, the Radio Society of Great Britain (RSGB) "Special Events" call has been assigned for the year 2003 to Sam Kennard, (G4OHX), to be used during the following periods for the purpose shown below.

He will be operating from England using VOICE and MORSE on the 80 - 40 - 30 - 20 -17 - 15 - 12 and 10 metre bands for the periods 1 - 28 Feb and 1 - 28 Aug 2003.

His purpose is to make as many world-wide contacts as possible, to inform others of and about the upcoming 2003 Canadian National Reunion and other C&E Centennial Events.

The times at which he will be active on our behalf are dependent on band conditions, but he will bear in mind the time differences around the world, so hopefully, the call will find its way into many Canadian Radio Amateurs' log books, besides the log books of other contacts around the world.

He will be sending a special QSL card to everyone he makes contact with and the Royal Signals Amateur Radio Society, (of which he is a member), has allocated special membership number "F222" to him for this exercise.

NOTE: This "Special Event" is sponsored by the Signalers Club of Canada.

News from the Net

**** TWO LICENCE LEVELS PROPOSED**

The Wireless Institute of Australia will propose to the Australian Communication Authority two licences in Australia.

Low power all mode all band entry licence.

Unrestricted Licence to existing Licensees - Details TBA.

PZK pleased with new band allocations

Poland is the latest to get the 50 MHz band and will be a sought after "new one" by the DX community.

The IARU radio society PZK Polski Związek Krotkofalowcow (PZK) reports that SP radio amateurs can only use 6-metres as a secondary allocation shared with government radio services.

PZK also advises that the new Polish national radio frequency allocation table also gives that country's radio amateurs access to 136kHz in line with a growing trend of amateur radio gaining a low frequency band. *Wireless Institute of Australia - WIA Victoria*

The World Radiocommunications Conference

Recent regional meetings in Asia and the Americas in the lead up to this year's World Radiocommunication Conference give continued hope to the IARU's claim for a harmonized 300-kHz amateur band in the vicinity of 7 MHz.

The issue of a harmonization of the 7MHz allocation was first raised at the World Radiocommunications Conference 1992, recommended at 2000 conference, and has agenda status for decision at the conference being held this July and August in Geneva.

The IARU is seeking a harmonized or uniform worldwide 40-metre band. The Asia region is in support, so are at least a dozen countries in the Americas, and those in Europe. Various options to achieve the goal are still be considered, including a three-stage phased in approach that could see all the ITU regions gaining access to 7000-7300 kHz by the end of 2009.

During this period on option is for HF broadcasters to migrate upwards to 7300-7550 kHz worldwide.

While the Australian ACA, and the United States FCC are yet to agree on the proposition, they are somewhat bound by the regional vote on the matter. The WIA and ARRL are continuing to lobby them on the issue.

The ACA wants the status quo, citing Australia's heavy use of frequencies above 7300 kHz and other reasons for not wanting the Amateur Service to have an expanded primary allocation at 40 metres. Australian radio amateurs have 7000-7100 primary, and 7100-7300 as a secondary allocation.

The recent Asian and Americas regional meeting also supported changes to ITU Article 25 which if passed at the

World Radiocommunications Conference in July, will end mandatory Morse code tests for amateur licensing.

Likewise ITU Article 19 which will free up the restrictions on the configuration of amateur callsigns has also gained support.

ITU Region 2 which includes the Americas is seeking to have the band 135.7 to 137.8 kHz allocated to its radio amateurs, to bring them into line with Region 1, Europe, which already has that band available.

The specific issue of an amateur LF band is not on the WRC03 agenda, but it could still get an airing at the conference if delegates agreed that was prudent. *Wireless Institute of Australia - WIA Victoria*

Free Amateur Radio course

Learn about Amateur Radio with our FREE Internet correspondence course.

<http://www.wiansw.org.au/html/Amateur%20Radio%20Correspondence%20Course%20by%20Internet>

Wireless Institute of Australia - WIA New South Wales

Internet Radio Linking Project

There are now over 2000 Worldwide Ham radio Repeater and Simplex Internet Voice Gateways.

Traveling Hams are remind to take their handhelds with them when travelling aboard as many cities around the world now have their VHF and UHF repeaters and some VHF/UHF simplex radio channels linked to Internet Voice Gateways.

This makes it possible for hams to keep in touch with ham friends in other cities by using the local Internet Voice Gateway in the city they are visiting.

Internet Voice Gateways on repeaters or simplex channels also come in useful when there is no H.F. propagation so friends can keep in touch across the word.

There are three separate linking systems IRLP Echolink and eQSO.

For a list of cities and countries where the links are available and for further information please email Ian at g3zhi@totalise.co.uk or visit Ian's web site at www.ukirlp.co.u - *Wireless Institute of Australia - New South Wales*

VK's to go to 2 tier licence model

Motion 020901A Moved VK3 Seconded VK2

That it be WIA policy that it seek implementation of an Entry Level Licence with access to a majority of bands to the determined, all modes with low power, to facilitate entry into the Amateur Radio Service. Vote: VK1, VK2, VK3, VK4, VK5, VK6 and VK7 (unanimous) The WIA also supports a two-tier licence system in Australia, an Unrestricted licence, and an Entry Level Licence. - *Wireless Institute of Australia Western Australian Division*

Ham Radio in Space - Project Eagle on hold:

Plans to launch one of two new ham radio satellites have been put on hold. The reason for the setback can be traced to one word: Funding.

The bird in question is named Project Eagle. It, along with the Project Echo ham-sat is one of two birds that AMSAT had previously announced for development.

According to AMSAT North America President Robin Haighton, VE3FRH, the current levels of contributions to the amateur satellite organization are not enough to pay for building and launching both future satellites.

One of two projects has to be put on hold and furloughing Eagle has been the decision. Up until now AMSAT North America had been working on both new satellites simultaneously. While ECHO is still on schedule for possible launch later this year, the launch of Eagle has been delayed indefinitely. - *Tasmanian Division of the Wireless Institute of Australia*

Digital VHF activities taking place in South Africa:

50 MHz : centered around 50.250, the WSJT modes FSK441 (meteor scatter), JT44 and JT6M; Saturday and Sunday mornings from 05h00. Various stations active.

144 MHz : centered around 144.200, every night between 20:00 and 20:30 SAST, as well as on weekend mornings; Philip ZS4PV is looking for callers on CW, SSB and JT44.

Details for setting up the WSJT software can be found on <http://www.qsl.net/zr6dxb/Digital/wsjt.html> and the software can be found at

<http://pulsar.princeton.edu/~joe/K1JT/> A simple digital soundcard interface can be found at

<http://www.qsl.net/zr6dxb/PROJECTS/Soundcard/Soundcard.htm>

For assistance in getting going on VHF digital, interested parties can contact Hal ZS6WB at zs6wb@telkomsa.net or Barry ZR6DXB at zr6dxb@mweb.co.za - *The South African Radio League*

The Golden Antenna of the town of Bad Bentheim

In Germany there is a town supporting amateur radio amateur radio. It is Bad Bentheim, directly at the border to the Netherlands.

Since 1982 the presentation of the Golden Antenna of the town of Bad Bentheim has been one of the highlights during the last weekend in August there.

Amateur radio enthusiasts from the Netherlands Antilles, from Bolivia, India, Armenia, Rumania, Hungary, Italy, Belgium, The Netherlands, Turkey, Switzerland and Germany previously received this prize. Last year the trophy was handed over to OM Eric Mackie 9Z4CP from Trinidad &

Tobago. With their amateur radio stations they all helped people in an emergency, caused by accidents or natural catastrophes. Their health or life was in danger or poverty was looming. All recipients of the prize were honoured for their intensive personal and unselfish risks. They established and maintained radio contact without which urgent humanitarian help would not have been possible. See www.dnat.de

If you, dear reader, know of any amateur radio enthusiast (HAM) or group of enthusiasts whose utilization of amateur radio technology is connected to humanitarian work, please write your proposal before June 1st 2003 to:

The town of Bad Bentheim
P.O. Box 1452
48445 Bad Bentheim
F.R. of Germany
E-Mail: butke@stadt-badbentheim.de

The jury evaluating these nominations consists of experienced men , such as the President of the IARU Region-1 and the Presidents or Chairmen of the Dutch and German amateur radio societies.

The town of Bad Bentheim will again invite prize recipients to the 35th German-Dutch Amateur Radio Days and take over the costs for travel and accommodation .

Do help us with your suggestions showing to the public the importance of amateur radio in emergency cases.
Bad Bentheim, February 2003

Signed


Guenter Alsmeier
Mayor of the Town of Bad Bentheim.
More info by: DC9XU@DARC.de
- *The South African Radio League*

**DIAMOND
IMAGE**

Floyd Rolph VE4 FDR

835 Cavalier Drive Tel: (204) 888-3227
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Across

2. Island transporter
5. Big waves when it's up
9. Six - type of numeral
11. Rower
12. Gratitude (abbr.)
13. Key state (abbr.)
14. Big storm
17. Sleeping place aboard
18. Past tense of taking food
19. Steer by these at night
21. Place to come ashore
22. While or like
25. Iron (chemical symbol)
26. Most important DXing tool
30. Overcast or murky
32. Animals that make reefs
34. Wound wire
36. Line to control an antenna
38. Receiver (abbr.)
39. Excel (abbr.)
40. Water in the center of an island
43. Short, violent storm
45. Seven of these in a week
46. Type of water in the sea
47. Liquor popular in the Greek islands
49. Association of common purpose
50. To spear
54. A dead parrot is an ___ parrot
55. Just ___ it
56. Without fat
57. Assistant to the captain
60. Point of land
62. Over the bounding
64. Four-legged beast of burden

65. Mexican peninsula
66. One of something
67. Davy Jones has one
69. Seaman's head gear
71. Radio
73. What a pileup sounds like
76. A ship's depth below the water
77. Amateur
79. Steer a vessel
81. Those who buried treasure
82. Russian (abbr.)
83. Protective barrier around islands
84. Teletype (abbr.)
85. Working lots of stations quickly


Down

1. Poor or unsatisfactory
2. A wave that comes ashore
3. Location
4. An old, unstable vessel
5. Like a rock
6. What hams generate
7. Stay on top of water
8. Close to
9. USA shortwave broadcasting service (abbr.)
10. Award for island chasers
14. Caused by tides
15. Common occupant of Antarctic islands
16. Birds build these
20. Clams and crabs shed them
23. End of message
24. Opposite of flotsam
25. Transport gear using a flying ___

27. Standby (prosign)
28. Wild scurry
29. TV island namesake
31. District attorney (abbr.)
32. Robinson's last name
33. Chopping tool
35. State of New Orleans (abbr.)
37. Runs the generator
41. Sailor's drink
42. Wood laminate layer
44. The final courtesy
48. Inflatable boat
49. Tropical nut
51. Not out
52. Old Man (abbr.)
53. King of the sea
58. Repeat (abbr.)
59. Type of ship or bird
61. Tropical tree
62. The Ancient One
63. ___, hah!
64. Flyers
65. Resting spot
66. He's listening where?
68. Nautical map
70. Of birds
72. Infra-red (abbr.)
74. Continental abbreviation
75. Mend a sock
77. Punch
78. Permitted
80. Boat for pulling

Solution-

http://www.remote.arrl.org/news/puzzles/2003/04/14/1/072_solution.png



Camp 807
Dryden, Ontario
August 1st – 3rd,
2003

For over twenty years, the Amateur Radio clubs in various Northwestern Ontario communities have taken turns hosting this annual family event. The Camp 807 Hamfest incorporates the three favourite things of Northwest Ontario Hams - camping, barbecues and Amateur Radio!

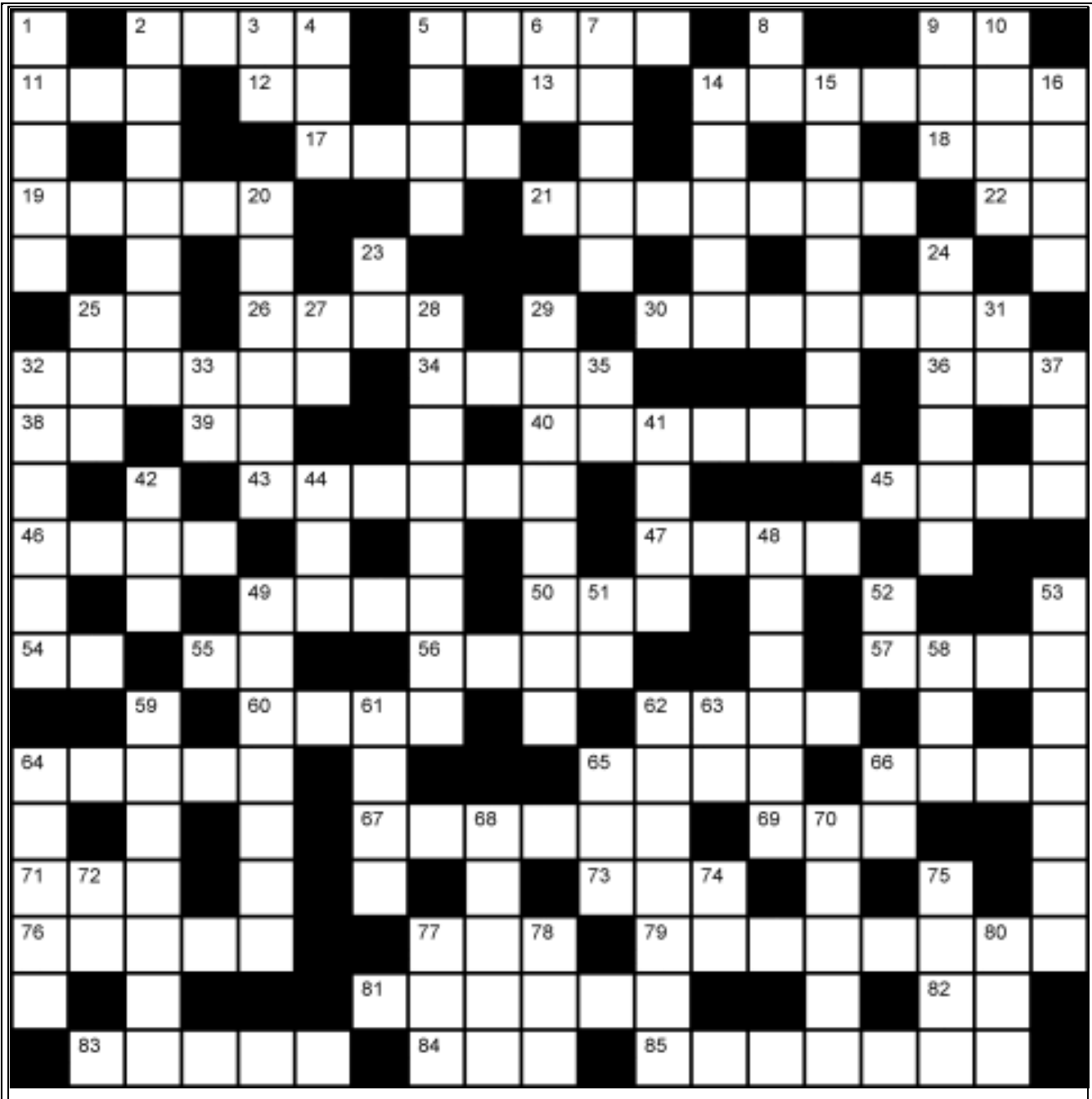
<http://www.arsd.dryden.net/>

RAC Bulletin

<http://www.rac.ca/~racnews/othernotices/racbulletin.htm>

03-001E Bulletin Editor

The RAC Board of Directors has approved the appointment of Bruce Donovan, VE5ND, as National Bulletin Editor. Bruce assumes his duties effective immediately and the bilingual RAC Bulletin Service resumes with issuance of this Bulletin. The Board extends its appreciation to Bruce for volunteering his services and wishes him every success. Thanks also to others who expressed interest in the position.



By H. Ward Silver, N0AX

03-003E Industry Canada Announces Formation of National Antenna Tower Policy Review Committee

On Friday, March 28 2003, Allan Rock, Minister of Industry, announced the appointment of the National Antenna Tower Review Committee. The Committee, consisting of municipal officials, as well as industry, health and academic experts, will be chaired by David A. Townsend, Professor of Law at the University of New Brunswick. Professor Townsend, you may recall authored a

previous study on towers. The announcement outlines the composition of the committee but does not give the detailed process or target dates for the submission of inputs to the committee. Presumably they have been left to Professor Townsend and his colleagues to establish. Professor Townsend and the Committee will consult with citizens, communities and companies on improvements in the policy and siting procedures for antenna tower placement. This review will examine issues, including:

- a. How can the local consultation process regarding the siting of a specific tower be improved?
- b. What are the most appropriate time frames for the processes of approving and resolving debates surrounding specific tower placements?
- c. What means are available to readily identify whether proposed installations may create radio frequency fields in excess of established exposure limits in areas where people live and work?
- d. What information would most benefit concerned members of the public and how should it be provided?
- e. How and to what extent can tower sharing be utilized in order to reduce the total number of towers?
- f. Can protocols be arranged between local land-use authorities and antenna proponents regarding the planning and siting of antenna structures, visual guidelines and dispute resolution mechanisms?

RAC will participate in the policy review. Comments, suggestions and recommendations pertaining to the technical and operational reasons for amateur towers should be sent to Jim Dean, VE3IQ, RAC Vice-president Regulatory Affairs, at ve3iq@rac.ca.

The complete announcement and background information is available at:

http://strategis.ic.gc.ca/sc_mrksv/spectrum/engdoc/spect1.html

Please note that for technical reasons, the way the Bulletin robots work has changed slightly. You can no longer retrieve archived messages via email. You can still view archived messages on the web.

This is explained in detail at:

<http://rac.eton.ca/racbullemail.htm> Your subscription has NOT been altered in any way, and you do NOT have to take any action as a result of this change.

The Last Word **By Derek, VE4HAY**

Congrat's to Frank Machovec, VE4AHW for being drawn in the RAC member Rewards program, when he renewed his membership. Frank won a Second edition RAC Operators manual

Here are some Web sites to check out:

US Radio Spectrum Chart -

<http://www.ntia.doc.gov/osmhome/allochrt.pdf>

Gibson Girl radio sets (submitted by Gladys, VE4GE)

<http://home.hccnet.nl/l.meulstee/gibsongirl/gibsongirl.html>

RAC Midwest Director Report - BJ Madsen - VE5FX

- ☺ The Affiliated Club Program will be returned to where it was a year ago.
 - ☺ The RAC Youth Education Program is now in place, with a budget, beginning with the school year 2003-2004, with one school in each district.
 - ☺ The Membership Recruitment Program will continue, in an effort to increase RAC membership.
 - ☺ Improvements will be made to the RAC WEB site.
 - ☺ Our reports from the IARU and WRC2003 (the president of the IARU, Larry Price - W4RA - was present as of course were Ken Pulfer and Jim Dean), indicate that:
 - 📖 The International requirement for Morse Code will probably be dropped.
 - 📖 - Industry Canada will then have to decide if Canada is going to drop the requirement as well. (Probably) - no one is willing to predict how this will go.
 - ☺ It's interesting to note that Canadian Amateurs (along with 157 other countries) support IARU on a per-capita ham population basis. The Cdn cost is \$5,100 for 2003. This money comes from RAC's budget. This means that the 7,000 Hams who are RAC members are "generous" enough to fund this critical effort on behalf of the 85% of Canadian Hams who are NOT RAC members. Isn't that nice of us? So, if you are not member yet, this is one reason why you should join.
- RAC is working on these CW & 40 Metre changes for your benefit. Help to support the cause. We will all come out with a better hobby for your efforts.

International HamFest **40th. Anniversary** **July 11-13, 2003**

At the International Peace Garden. This year is the 40th anniversary of the International Ham Fest and this year promises to be the best one yet. Each registrant will receive a monogrammed mouse pad as well as a chance to win one of many great prizes including HF and VHF radios (ht's and mobiles). Come on out for the weekend and take part in all the activities. I am sure there will be a great flea market as usual where one can pick up some great bargains for the ham shack. Let's break all previous attendance records and make this one the best yet. The registration fee is still only \$13.00 Canadian funds.