



The Canadian Amateur

JANVIER & FÉVRIER 2010

Canada's Amateur Radio Magazine

La Revue des RadioAmateurs Canadiens

EMAIL ADDRESS FOR TCA: TCAMAG@YAHOO.CA

VOL. 38 NO. 1

Editor / Rédacteur en chef
Alan Griffin
Email: <tcamag@yahoo.ca>

Translation / Traduction
Noël Marcil, VE2BR
René Levesque, VE2CNJ
Daniel A. Lamoureux, VE2KA
Serge Langlois, VE2AWR
Claude Lalande, VE2LCF
Ante Laurijssen, VA2BBW
Alan Bulley, VA2UK
Donald Courcy, VE1CY

All correspondence, submissions, advertising subscription inquiries should be sent to :

The Canadian Amateur
720 Belfast Road,
Suite 217
Ottawa, ON, Canada
K1G 0Z5
Tel. 613-244-4367;
1-877-273-8304
Fax 613-244-4369
<tcamag@yahoo.ca>
Website: <www.rac.ca>

La correspondance, les communications et les questions relatives à la publicité et aux abonnements doivent être adressées à :

The Canadian Amateur
720 rue Belfast
Bureau 217
Ottawa, ON, Canada
K1G 0Z5
Tel. 613-244-4367;
1-877-273-8304
Fax 613-244-4369
Courriel :
<tcamag@yahoo.ca>
Site Web : <www.rac.ca>

Printed in Canada by
St. Joseph Communications
Ottawa, ON, Canada

Imprimé au Canada sur
les presses de St. Joseph
Communications
Ottawa, ON, Canada

Publications Mail Agreement
No. 40028682
Registration No. 09866
Return Undeliverable
Canadian Addresses to
Circulation Department:
217-720 Belfast Rd
Ottawa, ON K1G 0Z5

NATIONAL & INTERNATIONAL

RAC Board of Directors & Executive	4
RAC President's Message	9
Un message du président de RAC	9
Second Notice to RAC Members Residing in the Ontario Region	13
Deuxième notification aux membres de RAC résidants dans le région du Sud de l'Ontario	13
A Discussion about Mobile Hands-Free Operation, Norm Rashleigh, VE3LC	19
Canadian Amateur Radio Advisory Board Meeting	27
Rencontre consultative sur la radioamateur Canadienne	27
Section Manager Election Notice	67

NEWS

Canadian Experiments at 500 kHz Authorized	7
Expériences sur 500 kHz autorisées au Canada	7
New Alberta/NWT/Nunavut Director Elected	7
RAC Section Manager Election Results	7
Croft Taylor, VE3CT, Appointed to Hall of Fame	7
Ed Frazer, VE7EF, appointed Chair of Board of Trustees for Hall of Fame	7
New RAC Executive Announced	7
L'annonce de nouveaux membres du Comité exécutif	7
VE6NM Celebrates a Milestone	8
ARRL Presents Stance on BPL to FCC	8
IARU Says To Get Ready for WRC-12	8
Ham Radio in Space: Time Sharing on SO-67	8
New Secondary Allocations for Norwegian Radio Amateurs	8

TECHNICAL

Technophile: How to Spray Paint Homebrew Radio Equipment – Lee Jennings, ZL2AL	11
Antennas and Transmission Lines, David Conn, VE3KL	15
On The Bench: Tips for the Shack, Frank Merritt, VE7FPM	26
QUA – A Topical Digest, Bob Eldridge, VE7BS	28
To the Stratosphere & Beyond on 10 GHz: Part 2, Barry Malowanchuk, VE4MA	33
A Better Way to Label Your Homebrewed Creations, Ed Swynar, VE3CUI	42
Introducing Microcontrollers to your Amateur Radio Club, Dave Green, VE3TLY, David Conn, VE3KL and Mike Kelly, VE3FFK	43
A Solderless PL-259 Connector, John White, VA7JW	50

DEPARTMENTS

TCA Advertising Index	2
Feedback / TCA Editing Policy	5
Silent Keys	6
RAC QSL Bureau System	6
Welcome New Members	47
Bienvenue aux nouveaux membres	47
Defence of Amateur Radio Fund	58
Coming Events	71

OPERATING

Six Metres and Down, Dana Shtun, VE3DSS	12
ARISS: Do you know this logo?	21
29 MHz and Up, Peter DeWolf, VE3YYY	22
Book Review: "Recollections of a Radio Receiver", Gerry O'Hara, VE7GUH	24
DX'ing with Hammond, Gary Hammond, VE3XN	30
Regulatory Roundup, Jim Dean, VE3IQ	32
Interference to 2 metres, Graham Stafford, VE3FHM	40
Fresh On The Air – Adventures for the New and Beginning Ham, Phil Boucher, VE3BOC	41
Questions and Answers – For Beginning and Everyday Hams	48
Amateur Radio Operators Take OPP's 100th Anniversary to the World	49
Club Corner – News From and About Clubs, Ralph Webb, VE7OM	52
Special Prefixes for the 2010 Winter Olympics	52
RAC Canada Day Contest 2009 Results, Bart, VE5CPU, Sam, VE5SF and Bruce, VE5RC/VE5QRP	53
2010 Canadian Contest Championship	58
2008 Canadian Contest Championship Results	59
The Sports Page – The Canadian Contest Scene, Paul Piercey, VO1HE	60
Au plaisir de communiquer avec le Québec de l'Espagne!, Micaël Venne, VA2BAD/VA2VEN	65
Section News – The RAC Field Organization Forum, Doug Mercer, VO1DTM	66
Victoria Radio Club Celebrates 80 Years, Les Saul, VE7GBT	72

Coming Events Procedures

To have your event included in TCA please send your information directly to <tcamag@yahoo.ca>. The deadline for the next issue of TCA is March 15.