



Cover

Royal Military College
Painting by Molly Lamb Bobak.
Morrison Collection



RMC AND THE
PROFESSION OF ARMS:
LOOKING AHEAD AT CANADA'S
MILITARY UNIVERSITY



"MILITARY KNOWLEDGE
AND SCIENTIFIC
PURSUITS..."

ROYAL MILITARY COLLEGE:
THE FIRST 125 YEARS

3 LETTERS TO THE EDITOR

ROYAL MILITARY COLLEGE 125TH ANNIVERSARY

5 RMC AND THE PROFESSION OF ARMS:
LOOKING AHEAD AT CANADA'S MILITARY UNIVERSITY

Dr. John Scott Cowan

13 "MILITARY KNOWLEDGE AND SCIENTIFIC PURSUITS ..."
ROYAL MILITARY COLLEGE: THE FIRST 125 YEARS

Ross McKenzie

STRATEGY AND DOCTRINE

21 STRATEGIC THINKING IN DEFENCE

Lieutenant-General Kenneth Pennie

29 AN ILLUSTRATIVE CANADIAN STRATEGIC THREAT ASSESSMENT

Dr. James S. Finan and Brigadier-General W.D. Macnamara

35 2020 VISION: CANADIAN FORCES OPERATIONAL-LEVEL DOCTRINE

Commander R.K. Taylor

POLICY

43 SUPPORT FOR INTERNATIONAL INVOLVEMENT IN CANADIAN
PUBLIC OPINION AFTER THE COLD WAR

Dr. Pierre Martin and Dr. Michel Fortmann

RECRUITING AND RETENTION

53 MILITARY MANNING AND THE REVOLUTION IN SOCIAL AFFAIRS

Major Jeff Tasseron

OPERATIONS AND TRAINING

63 THE MILITARY TRAINING ASSISTANCE PROGRAM

Andrew Rasiulis

HISTORY

65 "SINK THE BASTARD!": FRIENDLY FIRE
IN THE BATTLE OF THE ATLANTIC

Dr. Alec Douglas

75 COMMENTARY

Professor Martin Shadwick

76 BOOK REVIEWS

Canadian Military Journal / Revue militaire canadienne is the official professional journal of the Canadian Forces and the Department of National Defence. It is published quarterly under authority of the Minister of National Defence. Opinions expressed or implied in this publication are those of the author, and do not necessarily represent the views of the Department of National Defence, the Canadian Forces, *Canadian Military Journal*, or any agency of the Government of Canada. Crown copyright is retained. Articles may be reproduced with permission of the Editor, on condition that appropriate credit is given to *Canadian Military Journal*. Each issue of the *Journal* is published simultaneously in print and electronic versions; it is available on the Internet at www.journal.dnd.ca.

ISSN 1492-465X



How to Contact Us

Canadian Military Journal /
Revue militaire canadienne
Royal Military College of Canada
PO Box 17000, Station Forces
Kingston, Ontario K7K 7B4
Fax: (613) 541-6866
E-mail: mail@journal.dnd.ca



2020 VISION:
CANADIAN FORCES
OPERATIONAL-LEVEL DOCTRINE



**SUPPORT FOR INTERNATIONAL INVOLVEMENT
IN CANADIAN PUBLIC
OPINION AFTER THE
COLD WAR**



**"SINK THE BASTARD!":
FRIENDLY FIRE IN THE BATTLE OF
THE ATLANTIC**

CANADIAN MILITARY JOURNAL

www.journal.dnd.ca

Editor

John Marteinson
(613) 541-6000 ext. 6148

Assistant Editor

Dr. Guy Monette
(613) 541-6000 ext. 6148

Contributing Editor

Professor Martin Shadwick

Publication Manager

Monica Bland
(613) 541-6000 ext. 6837

Production

Canadian Forces Training Materiel Production Centre
Production Manager: Sandi Howell
(204) 833-2500 ext. 6426

Graphic Design: Michael Bodnar

Text Editors:

Karine Beaudette
Jonathan Côté
Julie Linge
Jocelyne Sayak

Editorial Board

Lieutenant-Colonel David Bashow

Major Michael Boire

Lieutenant-Colonel Peter Bradley

Captain Andrew Godefroy

Major John Grodzinski

Lieutenant-Commander Greg Hannah

Professor Michael Hennessy

Lieutenant-Colonel Bernd Horn

Professor Hamish Ion

Chief Warrant Officer Bert Lapointe

Major David Last

Dr. Chris Madsen

Professor Brian McKercher

Dr. Paul Mitchell

Major (ret'd) Jean Morin

Lieutenant-Colonel John Moyer

Dr. Scott Robertson

Professor Stéphane Roussel

Professor Joel Sokolsky

Colonel Randall Wakelam

Commander Deborah Wilson

Lieutenant-Commander Ian Wood

Editorial Advisory Board

Chairman

Brigadier-General J.J.R. Gagnon

Members

Dr. J.A. Barrett, Dean of Continuing Studies RMC

Dr. Serge Bernier, Director History and Heritage

Dr. Douglas Bland, Queen's University

Colonel Michael Boomer, representing DCDS

Dr. John Cowan, Principal, RMC

Colonel Deborah Davis, CFC

Colonel R.M. Gervais, representing DG Log

Dr. Ronald Haycock, RMC

Dr. Michael Hennessy, RMC

Professor A.J. Hyatt, Univ. of Western Ontario

Captain(N) Kevin Laing, representing CMS

Colonel Douglas Langton, representing VCDS

Professor Albert Legault, Université Laval

Dr. B. McKercher, Chairman War Studies, RMC

Brigadier-General (ret'd) D. Macnamara, CFC

Professor Danford Middlemiss, Dalhousie University

Dr. Ingar Moen, representing CRAD

Brigadier-General G.W. Nordick, representing CLS

Dr. Dean Oliver, Canadian War Museum

Dr. Joel Sokolsky, Dean of Arts, RMC

Mr. Scott Taymun, representing DGPA

Colonel Kenneth Watkin, representing JAG

Colonel R.M. Williams, representing CAS

NOTE TO READERS

As a bilingual journal, readers should take note that where citations in endnotes are translated from their original language, we will use the abbreviation 'TOQ' at the end of the note to indicate that readers can find the original citations in the other language version of the *Journal*.

NAVAL CAPABILITIES

I read with interest Commander Peter Haydon's article, "What Naval Capabilities does Canada Need?" In fact, I read it twice. In my first run through I was looking for definitive answers to the question posed in the title. Not finding them, I read through the article again, looking for a hidden message. I didn't find anything that time either.

I agree completely with most of his points, particularly that the Navy needs to sell itself better, and that politics is the ultimate decider on the direction policy will take. But I do not agree with his proposal that the best course of action is maintaining the status quo. His desire to retain "a good workable little fleet" is much the same as the "multi-purpose, combat capable" policy maintained by the CF. Can we really afford to do nothing different?

If we are to maintain any ability to play a part in influencing affairs outside our territorial waters, I would suggest that we need to decide exactly how we are going to accomplish this task. Having "a good workable little fleet" — as in the one we have right now — does not in my opinion contain the wherewithal to make any kind of significant impact. If we look at what our allies are concentrating on — the littorals — it becomes clear that, if anything, "a good little fleet" will be less useful in the near future than it was in the past. Force projection in the littorals would seem to be the way ahead, yet the CF as a whole has little ability to participate. In the end, it comes down to size.

As Commander Haydon asserts, the bottom line is how much the country is willing to pay. History shows us that, except in time of war, the answer is just enough to get by. Therefore, should we maintain the status quo, or put our money into more limited, yet more practical capabilities that will be of greater value?

Ian Hunt
Major
Canadian Forces Liaison Officer, US Marine Corps

LEADERSHIP AND MILITARY EDUCATION

Having read the excellent article by Dr. Ronald Haycock, "The Labours of Athena and the Muses", in the Summer 2001 issue, I would like to add a personal comment on higher education in the Canadian Forces.

I joined the Forces under the Officer Training Plan in 1983, and I was posted under the UTPO plan to attain a BA in history at the University of Manitoba. I look on this time as being one of the most enlightening in my career. We should never dismiss the importance of civilian universities in any discussion of undergraduate — or graduate-level education for the CF. Their style, quality and influence of these institutions are fundamental aspects of what Lieutenant-General Morton pre-

scribed as a solid grounding in political, economic, social, cultural impacts and trends that effect the security of Canada.

During the past 10 years, I attended the Canadian Forces Command and Staff College, gained an MA in War Studies from RMC, and then attended the year-long US Air Force Air War College where I gained a second MA in International Studies. However, on completion of this education, I was dismayed to discover there was little reason to stay in the CF if I wanted to



Photo courtesy of Jack Chiang

employ my new-found knowledge. As Dr. Haycock pointed out, there have been numerous studies that endorse education and which propose innovative ways of managing those who undertake higher education. But, in my experience, the personnel system simply has no idea of its value, as it appears neither to acknowledge those individuals that have graduate degrees nor to conceive of innovative and challenging ways to employ them.

One quickly finds, if you look elsewhere, that there are plenty of organizations and businesses around the globe that recognize the value of higher education. This inevitably gives rise to the retention problem discussed elsewhere in the Summer 2001 issue. Thus, the CF, and ultimately the nation, lose the skills and intellect they spent valuable time and resources to develop.

If the senior leadership of the CF do not heed Dr. Haycock's message, there is little reason to believe the situation will change in the future. But, if the time has come for the CF to stop being only a tactical-level force and start leading at the strategic-level of war, as several senior officers have argued, I can think of no better place to start than with educational commitments and programmes that are realistically funded and which become central to the CF's core values.

Ronald Blank
Lieutenant-Colonel (ret'd)
International Staff, NATO Headquarters



CONFERENCE ON ETHICS IN CANADIAN DEFENCE

THEME: THE DEFENCE TEAM AND SOCIAL RESPONSIBILITY

Speakers will include:

Hugh Segal, well known policy thinker and commentator
Dr. Rusworth Kidder, Institute of Global Ethics
Keith Norton, Chief Commissioner, Ontario Human Rights Commission
Ann Medina, broadcast journalist and producer

**OTTAWA CONGRESS CENTRE
CAPITAL HALL**

14-15 November 2001

**MEMBERS OF THE CANADIAN FORCES (REGULAR AND RESERVE) AND
DND CIVILIAN EMPLOYEES ARE INVITED TO ATTEND
TD COSTS TO BE BORNE BY UNITS**

For further information contact the Conference Administrator, Ms Astrid Hoffmann,
at (613) 992-0393 or Departmental e-mail +DEP@OTTAWA-HULL



**Canadians grieve the terrorist attack on the
United States on 11 September 2001.**

DGPA Combat Camera Photo by: Sgt. Dennis J. Mah, ISD01-6730