



# THE CANADIAN GUNNER

**1985**



## THE CANADIAN GUNNER

Volume 21

Décembre 1985

**Captain-General, Royal Regiment of  
Canadian Artillery**  
Her Majesty the Queen

**Colonel Commandant, Royal Regiment  
of Canadian Artillery**  
Brigadier-General W.W. Turner, CD

**Senior Regular Gunner**  
Major-General D.R. Baker, CMM, CD

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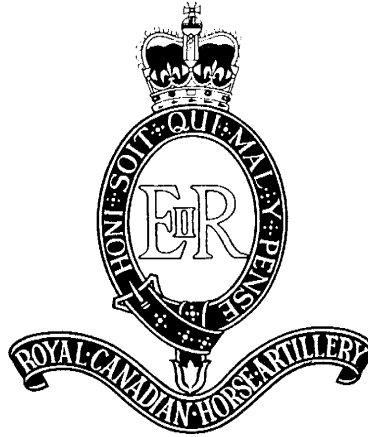
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**BRIGADIER-GENERAL W.W. TURNER, CD**

**THE COLONEL COMMANDANT'S MESSAGE  
BRIGADIER-GENERAL W.W. TURNER, CD**

I will begin by expressing my gratitude to the Commander of CFB Shilo, Colonel Mintz, the Editor-In-Chief, Lieutenant-Colonel Trimble, and the staff of "The Canadian Gunner" for their time and effort spent in producing this year's edition of our "regimental yearbook". To appreciate this publication in its true perspective one must serve outside a unit to gain the full measure of its effect on morale. My many thanks for continuing this splendid tradition.

I wish to take this opportunity as well to thank all ranks of our Regiment for giving me the singular honour of serving as your Colonel Commandant for these past seven years. It has indeed been the highlight of my career to meet and speak with the many Gunners of our Regimental family during my visits across the country and overseas.

Looking back over the years, it is apparent that the fortunes of our Regiment are ascending. In some ways, these are obvious, with the projects involving Low Level Air Defence and Land Reserve Modernization. In the years to come, these programmes will increase our effectiveness in discharging our responsibilities "Quo Fas et Gloria Ducunt".

In addition, other advances also are readily apparent. Our standards of training have improved. There has been a positive effect from the integration of training support between the Regular and Militia components. These trends, enhancing cooperation, integration and training must continue.

Throughout our history our Royal Regiment has experienced good fortune and bad. The one constant factor that has always seen us through difficult times has been the quality of our Gunners — at all rank levels. Our most precious resource always has been and always will be "Those Who Serve the Guns". Above all else, we must never neglect their leadership, training and welfare. To do so would be an aberration of our responsibilities. I know in the years ahead you will carry on this, our noble regimental heritage and sacred trust — Our Duty.

My very sincere Best Wishes to all members of our Regimental Family. Good Luck. God Bless.

  
*Colonel Commandant*

W.W. Turner  
Colonel Commandant  
The Royal Regiment of Canadian Artillery

**MESSAGE DU COLONEL COMMANDANT  
BRIGADIER-GENERAL W.W. TURNER, CD**

Permettez-moi d'abord d'exprimer mon appréciation au Colonel Mintz, le Commandant de la BFC Shilo, au Lieutenant-colonel Trimble, éditeur en chef, et au personnel qui produit "The Canadian Gunner" pour le temps et les maints efforts déployés envers la production de cette édition de notre "journal annuel régimentaire". Il suffit de servir à l'extérieur du régiment pour apprécier cette publication à sa juste valeur, et en réaliser pleinement l'effet sur le moral. Mes remerciements chaleureux de continuer cette tradition splendide.

Je désire profiter également de l'occasion pour vous remercier tous, membres tous grades de notre Régiment de m'avoir accordé l'insigne d'honneur de vous servir en tant que Colonel Commandant pour les sept dernières années. Ce fut en effet le point culminant de ma carrière d'avoir l'opportunité de rencontrer et de parler aux Artilleurs de notre famille Régimentaire lors de mes visites d'un bout à l'autre du pays et outre-mer.

En jetant un regard sur les années passées, il appert que le destin de notre Régiment est sur une courbe ascendante. Ceci est clairement visible dans les projets de Défense Aérienne à Bas Niveau et de Modernisation des Réserves Terrestres. Dans les années à venir, ces programmes augmenteront notre capacité à remplir nos responsabilités "Quo Fas et Gloria Ducunt".

D'autres avantages ne sont pas aussi évidents à l'oeil non exercé. Nos normes d'entraînement se sont améliorées. Des résultats positifs ont été obtenus par l'intégration de l'appui à l'entraînement entre les composantes Régulière et Milice. Ces orientations qui rehaussent la coopération, l'intégration et l'entraînement doivent se poursuivre.

Depuis le début de notre histoire, le Régiment Royal a connu bonnes et mauvaises fortunes. Le principal facteur de stabilité qui nous a permis de faire face aux périodes difficiles a été la qualité de nos Artilleurs — ceci à tous les grades. Notre ressource la plus précieuse a toujours été et sera toujours "ceux qui servent les canons". Avant tout, nous ne devons jamais négliger leur leadership, entraînement et bien-être. Si nous le faisons ce serait là une déviation de nos responsabilités. Je sais que dans les années à venir vous saurez suivre la bonne voie, notre noble héritage et mandat sacré — notre devoir.

Mes vœux les plus sincères à tous les membres de notre famille Régimentaire. Bonne chance. Dieu vous garde.

W.W. Turner  
Colonel Commandant  
Le Régiment Royal d'Artillerie Canadienne



**COLONEL JOHN A. MACINNIS, CD.  
DIRECTOR OF ARTILLERY**

#### **MESSAGE FROM THE DIRECTOR OF ARTILLERY**

I am privileged today to use this forum for the first time to address you as the Director of Artillery. Initially, I would be most remiss if I did not express, on behalf of all of us, our thanks to my predecessor, Colonel D.B. McGibbon, for his contributions to the Royal Regiment over the past two years — not only as Director of Artillery, but also as the Director of Land Requirements. Many of the tremendous strides we have made in the equipment procurement process are directly attributable to his efforts. Our many thanks.

This year also marks the completion of Brigadier General W.W. Turner's appointment as our Colonel Commandant. General Turner's record of service over the past 48 years speaks for itself. As the Colonel Commandant, he has laboured untiringly on behalf of the Royal Regiment. His travels to visit gunner units have taken him to gun platforms, command posts, and observation posts across the country and overseas many times over. Behind the scenes, he has actively participated in the deliberations of the Artillery Council, the Royal Canadian Artillery Association, and the Conference of Defence Associations. To General and Mrs. Turner we offer our sincere thanks and our very best wishes for the years ahead.

My other duties this year have related to the Reserve Force Development Plan. This is in fact an umbrella project encompassing the three environmental studies. Of these, the Army's contribution — The Land Reserve Modernization Plan — strives to redress many of our equipment shortfalls in the Militia. May I add a note of caution at this point. These plans have several necessary hurdles to pass, and given the required lead time for equipment procurement, it will be several years before results are apparent. In the interim, it is imperative that we continue to train to the maximum extent with the equipment available.

Training is of no less importance in the regular component. We have reached a point in time when almost half our sergeants, for example, have less than 18 months in rank. Promotion at other rank levels has been almost as dramatic. All of us must realize that we as a regiment are

#### **MESSAGE DU DIRECTEUR DE L'ARTILLERIE**

J'apprécie la possibilité de pouvoir utiliser ce média pour communiquer avec vous pour la première fois en tant que Directeur de l'Artillerie. D'abord, je serais fautif si je n'exprimais pas, en notre nom à tous, nos remerciements à mon prédécesseur, le Colonel D.B. McGibbon, pour ses contributions au Régiment Royal au cours des deux dernières années — non seulement comme Directeur de l'Artillerie, mais aussi comme Directeur des Besoins en Ressources Terrestres. Plusieurs des très grands pas accomplis dans le processus d'acquisition d'équipement sont directement attribuables à ses efforts. Nos grands mercis.

Cette année marque également la fin du mandat du Brigadier-général W.W. Turner en tant que notre Colonel Commandant. Les titres de service du Général Turner durant les 48 dernières années sont fort éloquentes et nécessitent peu de commentaires. Au titre de Colonel Commandant, il s'est dépensé sans compter pour le Régiment Royal. Ses tournées pour visiter les unités d'artillerie l'ont amené aux positions de pièces, aux postes de commandement et aux postes d'observation maintes fois au pays d'un océan à l'autre et outre-mer. Dans les coulisses, il a participé activement aux délibérations du Conseil de l'Artillerie, de l'Association de l'Artillerie Royale canadienne, ainsi qu'aux conférences des Associations de Défense. Au Général ainsi qu'à son épouse Madame Turner, nous offrons nos plus sincères remerciements et meilleurs vœux pour les années à venir.

Cette année, mes autres attributions se sont rattachées au Plan de Développement des Forces de Réserve. Il s'agit en fait d'un projet regroupant les études des trois éléments. De celles-ci, la contribution de l'Armée — Le Plan de Modernisation des Réserves Terrestres — s'efforce de corriger plusieurs de nos insuffisances en équipements dans la milice. Permettez que j'apporte ici une note de mise en garde. Ces plans ont inévitablement plusieurs obstacles à surmonter, et connaissant le laps de temps nécessaire à l'acquisition d'équipement, plusieurs années s'écouleront avant que nous puissions constater les résultats. Dans l'intervalle, il est impératif que nous continuions à nous entraîner dans toute mesure possible

very much in a learning posture. We must strive against all obstacles to regain the levels of technical and tactical expertise which have been eroded. I do not view this situation as damaging in the long term, as innovative ideas spring from such circumstances. In the short term, however, we cannot afford to rest on our laurels of years gone by. We must re-establish the levels of experience and unobtrusive competence for which the Royal Regiment has always been renowned. I know that you will respond to this challenge in the year ahead as you have always done!

In closing, I wish to thank the Editor in Chief, Lieutenant Colonel G.W. Trimble, and his staff for their superb efforts in producing this year's edition of "The Canadian Gunner."

Colonel John A. MacInnis, CD  
Directory of Artillery

avec l'équipement disponible.

L'entraînement ne se révèle pas d'importance moindre pour la composante régulière. Nous en sommes maintenant au point où, par exemple, la moitié de nos sergents ont moins de 18 mois en grade. Les promotions aux autres grades ont presque été aussi dramatiques. Nous nous devons tous de réaliser qu'en temps que régiment nous sommes en posture d'apprentissage. Nous devons nous efforcer, et ce, contre tout obstacle, de rétablir nos niveaux d'expertise technique et tactique qui se sont érodés. Je ne considère pas cette situation comme dommageable à long terme, car des idées innovatrices germent en pareilles circonstances. A court terme, cependant, nous ne pouvons pas nous permettre de nous reposer sur nos lauriers des années passées. Nous devons rétablir nos niveaux d'expérience et de compétence pour lesquels le Régiment Royal a toujours été réputé. Je sais que vous saurez répondre à ce défi dans l'année qui vient comme vous avez toujours su le faire!

En terminant, je tiens à remercier l'éditeur-chef, le Lieutenant-colonel G.W. Trimble, et son personnel pour leurs superbes efforts dans la production de cette édition du "The Canadian Gunner".





## 1985 RCA AWARDS

MMM

Capt MF Bonnet, MMM, CD  
CWO CF Pollock, MMM, CD

*Best Wishes from*

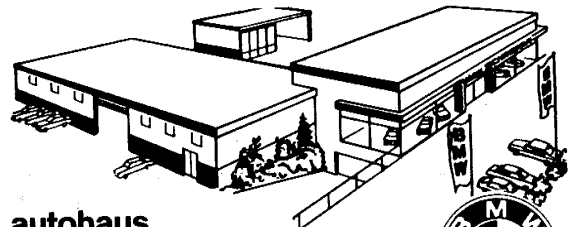
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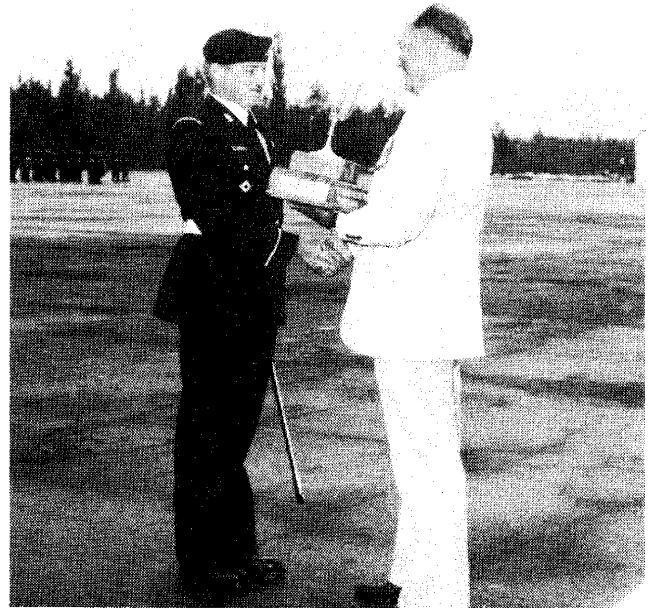


**OFFICER CADETS AT THE ROYAL MILITARY COLLEGE OF CANADA WHO ARE ARTILLERY**

| RANK | INITIALS | NAME       | YEAR |
|------|----------|------------|------|
| OCdt | J.A.     | Bachynsky  | 4    |
| OCdt | D.M.     | Clarke     | 2    |
| OCdt | J.G.     | Congdon    | 4    |
| OCdt | J.G.     | Coppard    | 2    |
| OCdt | S.F.     | Gallagher  | 2    |
| OCdt | S.M.     | Gallagher  | 1    |
| OCdt | G.M.     | Gashgarian | 4    |
| OCdt | M.K.     | Graham     | 2    |
| OCdt | J.S.     | Horeth     | 2    |
| OCdt | G.S.     | Jepson     | 4    |
| OCdt | M.B.     | Johnstone  | 3    |
| OCdt | T.C.     | Lannan     | 2    |
| OCdt | P.R.     | Learmonth  | 1    |
| OCdt | D.E.     | Loucks     | 3    |
| OCdt | S.M.     | Millett    | 4    |
| OCdt | W.S.     | Molaski    | 2    |
| OCdt | J.P.J.   | O'Brien    | 3    |
| OCdt | W.F.     | O'Brien    | 4    |
| OCdt | M.P.J.   | Perreault  | 4    |
| OCdt | D.O.     | Rintjema   | 1    |
| OCdt | M.A.     | Rouleau    | 3    |
| OCdt | W.R.H.   | Speake     | 4    |
| OCdt | R.A.     | Toscano    | 3    |
| OCdt | U.J.F.   | Wolanski   | 2    |

**STAFF MEMBER WHO WAS ARTILLERY AND IS PAYING INTO THE REGIMENTAL FUND**

LCol                      A.H.C.                      Smith                      Director of Administration



*OCdt M.P.J. Perreault, RMC, receiving the Award for placing 1st in the Third Phase Practical Course. Presenting the Award is LCol J.E. DeHart.*

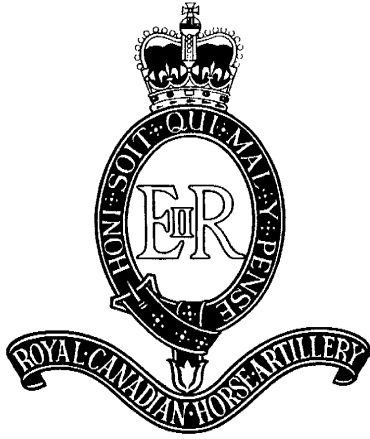
**STAFF MEMBERS WHO ARE CLASSIFIED ARTILLERY**

|      |      |         |                 |
|------|------|---------|-----------------|
| Capt | H.   | Downing | ULO             |
| Capt | S.D. | Gribbon | 7 Sqn Cdr       |
| MWO  | E.R. | Coombs  | Drill Sgt Major |



**GUNNERS AT THE ROYAL MILITARY COLLEGE OF CANADA**

**Back Row:** MWO E.R. Coombs; OCdt J.P.J. O'Brien; OCdt J.A. Bachynsky; OCdt D.M. Clarke; OCdt S.F. Gallagher; OCdt G.S. Jepson; OCdt W.F. O'Brien and Capt S.D. Gribbon  
**Front Row:** OCdt M.A. Rouleau; OCdt J.G. Congdon; OCdt G.M. Gashgarian; OCdt P.R. Learmonth  
**Missing from photo:** OCdt J.G. Coppard; OCdt S.M. Gallagher; OCdt M.K. Graham; OCdt J.S. Horeth; OCdt M.B. Johnstone; OCdt T.C. Lannan; OCdt D.E. Loucks; OCdt S.M. Millett; OCdt W.S. Molaski; OCdt M.P.J. Perreault; OCdt D.O. Rintjema; OCdt W.R.H. Speake; OCdt T.A. Toscano; OCdt U.J.F. Wolanski; Capt H. Downing.



## FIRST REGIMENT: A YEAR IN REVIEW

### JANUARY: CANADIAN CHILL

On 1 January 1985, snow blanketed Lahr. It wasn't a normal snowfall lasting only three or four days, but rather a Canada-like storm that shocked Europeans into their worst winter in 40 years.

Temperatures dipped to record lows as the Regiment spent the first month of the new year completing regimental courses and preparing the guns for a February jaunt to their Bavarian resort, Grafenwöhr.

### FEBRUARY: GRAFENWOHR, USA?

Affectionately known as Graf, this American-administered training area is situated about 100 kms Northeast of Nürnberg. Its most unusual quality is its phenomenal similarity to an American base in the USA. Budweiser has a monopoly on the beer industry and an all-American hamburger restaurant is the favourite lunch time hot-spot for the soldiers.

The sojourn at Graf for 1 RCHA was in Camp Kasserine. It was the base camp for 12 bone-chilling days that forced the quartermaster to distribute toe-saving mukluks. What began as a normal practice camp became a surprise winter indoctrination, complete with pneumonia, frost-bite and numerous cases of influenza.



"C" Battery preparing for Graf — January 1985.

The inclement weather did not impede the training goals of exercise "RENEGADE JESTER". On the contrary, it increased every soldier's "sense of urgency". Warmth was generated by hard work such as setting up an arctic tent and lighting a Coleman stove in less than five minutes.

A significant objective met by the Regiment was the qualifying of new observation post technicians and basic

technicians. In spite of the cold, the first exercise of the year was a success.

### MARCH: MISSION FELDBERG

Over 120 soldiers from 1 RCHA participated in the 4 CMBG Ski School. Their mission was to "conquer and control" the rugged German landscape known as the Feldberg. The "execution" was not as easy as initially believed for although it was simple for every soldier to conquer the Feldberg (one only had to ride a "T"-Bar or chairlift to the top and immediately claim rights over the peak of the Black Forest mountain) controlling the Feldberg was definitely an arduous affair that required a great deal of skill and a degree of insanity. Getting down the slope was an up-hill battle!

The best break dancing skier was Gnr "Quasimodo" Preston. While descending the slopes, this man was able to spin on his head, back, posterior and skis, often at the same time! His greatest feat earned him his nickname; his body buckled over and his ears rang like church bells when he tested his slalom ability in a tree line.

Best dressed skier was Sgt "Steve Podborski" St. Martin. No one could match this immaculately clad soldier whose appearance in a grey and red ski suit with coordinating toque and turtleneck turned many a frauline's head before he had even put his skis on.

The faster skier, unofficially clocked at a smooth 60km/hr, was Gnr "Kamikaze" Hartery who adored any slope that exceeded a 45° angle. Gnr Hartery exemplified a true thrill seeker.

### APRIL PART I: MORE SWEAT . . . LESS BLOOD

In keeping with the unit's concept that our first job as soldiers is to ready ourselves for war physically, mentally and technically, "A" Battery and "B" Battery each deployed to Camp Vogelsang for a week of infantry training. Camp Vogelsang (in English — "Birdsong"), is located approximately 400km Northwest of Lahr. At the main gate there is a large billboard which states the Aim of Training conducted therein; "More Sweat . . . Less Blood". Controlled by the Belgian Army and utilized by all NATO Forces based in Germany, Vogelsang has outstanding ranges and training facilities. "A" and "B" Batteries used these facilities to train at section level. Point systems were devised for skill at arms, section tactics, field craft and patrolling a week of intense competition between sections ensued.

In "A" Battery, Sgt J.V. Labrie lead his section to first place; a week later MBdr H.K. Wight did the same in "B".

A lot of Sweat . . . and **NO** Blood.

### APRIL PART II: FLASHPOT

Once a year, one battery of the Regiment is afforded the opportunity to provide live fire training to two other 4 CMBG units — 444 Tactical Helicopter Squadron and "D" Squadron of the RCD. "C" Battery was chosen for Exercise Flashpot '85. The training was conducted in Munster during the period 1-12 April.

The exercise allowed the aircrew of 444 and soldiers of the RCD to practice live what they have studied in considerable depth — the engagement of targets and artillery fire control. The training, however, was as much a benefit to "C" Battery, at the gun end, as it was for the "shooters".

Three 105mm howitzers, (the Regiment owns four), were employed as the fire unit. For all concerned it was like meeting an old friend. Over 1200 rounds of all ammunition types were fired, a lot of ammunition for three guns to fire in peace time. The training value and experience gained was proportionally great.

In the midst of all this firing, there was some time for

relaxation: a trip into Hamburg — to visit the fair.

For the gunners of "C" Battery there is no doubt that "Exercise Flashpot" was a memorable highlight of 1985.

#### MAY: GUNNERS IN ITALY

Living in Lahr provides gunners of the First Regiment with the opportunity to visit Canadian War Cemeteries that are located throughout Europe. The experience of walking on the battle grounds of our fathers and reading the inscriptions on the headstones of their fallen comrades is deeply moving.

During the first week of May, a 50-man Guard of Honour from 1 RCHA participated in numerous ceremonies throughout Italy to commemorate the sacrifice of Canadian soldiers in the Second World War. Our soldiers heard many war stories from Canadian veterans making a pilgrimage to Italy with the Department of Veteran Affairs.

The 11-day tour was filled with formal ceremonies, receptions and speeches. One of the most touching moments was unplanned. It occurred when Capt R.H. Matheson and his father, the Honourable J.R. Matheson visited "Duck Valley" by the Moro River, South of Ortona. There they located the actual spot where Judge Matheson was critically wounded over 40 years earlier, while serving as a FOO in "A" Battery.

Every soldier had different feelings while touring Italy. The lessons of military history, the rugged battle grounds and the intimate stories from the veterans will remain with them always.

#### WATCH OVER THEM, ITALIA

The wind unfurled our red maple leaf  
As uncased she became by her guard  
A sword was drawn from a silvery sheath  
Tears and memories were felt through the yard.  
The guard of honour marched on with the band  
They positioned themselves by the cross  
Last post filled the air, then the silence began  
To commemorate our country's great loss.  
The words that were read by the vets who still live  
They believe in the truth of their end  
"No greater gift can a man ever give  
Than to lay down his life for a friend."  
\*\*\*

Our flag fell limp as the wind did cease  
And our hearts were mellowed with peace.

D.P.M., Rimini, Italy  
May 1985



Gunners at Italy — The Honourable J.R. Matheson visits the grave of the first Canadian gunner killed during the Italian Campaign.



"Our Red Maple Leaf" in Italy — the colour party during 'Last Post'.

#### JUNE PART I: THE FIRST AND FINEST AT MUNSTER

From end May until mid-June, the Regiment left garrison routine and deployed North to the Munster/Bergen Hohn area. The three weeks of training included the refinement drills on the laser range finder and on the MiliPAC, as well as the annual competition for the coveted Elkins Trophy.

The winning "view" in the OP Competition for the Elkins Trophy was from "C" Battery, "E" Troop led by Capt S.L. Nickerson.




The Quick Action Competition was also won by "C" Battery. Capt J.P. Girard called the shots from the OP, while Lt A.J. Howard and "F" Troop provided the firepower.

In the Best Gun Competition, the leadership of MBdr H.K. Wight and the hard work of his detachment earned "B" Battery's "(25C)" the privilege of flying the CO's pennant.


The winner of the Elkins Trophy was "C" Battery, under the command of Maj D.N. McLaughlin.

During the practice camp, the Regiment was honoured with visits from distinguished guests including BGen J.K. Dangerfield, Commander 4 CMBG; the Honourable J.R. Matheson and Mr. D.S. Baker, the Canadian Counsel General of Hamburg.

The practice camp ended with a CO's Exercise which practiced all aspects of gunnery and soldiering. The Regiment's final exercise of the training year was also LCol G.J. Oehring's final exercise as Commanding Officer.



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Lt W.E. Tait, MBdr H.K. Wight and MWO J.A. Maillet, "Move Orders".

### JUNE PART II: ADVENTURE TRAINING

After Munster, Adventure Training became the major activity. "B" Battery's "C" Troop lead by Lt S.A. Beare, participated in a 300km cycling excursion called Exercise "Canadian Pursuit". Twelve soldiers travelled through parts of Belgium and Holland to study the Canadian Army's role in the Battle of the Scheldt.

Exercise Delta Thunder was organized by "D" Troop, "B" Battery. The gruelling 100km expedition on the Mosel River was a challenge under the direction of Capt J.J.S.B. Proulx. The twenty soldiers made many "wine-growing" acquaintances as they paddled their assault boats down-river!

Although the Nijmegen Marches do not begin until mid-July, Capt J.P. Girard and a troop of soldiers decided to commence 21 days early. They marched to Holland! Through five countries and over 530kms these keen soldiers made history! Besides being the first troop since the Second World War to cover such a distance through so many countries on foot, they continued their adventure by completing the Marches.

### JULY: A CHANGE OF COMMAND

It is an honour to serve the guns, but to command 1 RCHA is perhaps the greatest honour for a Canadian Gunner. On 5 July 1985, LCol G.J. Oehring, a distinguished soldier, handed over command of the "First and Finest" to LCol J.E. Miller, 38th Commanding Officer in 114 years. The 90-minute parade was reviewed by BGen J.K. Dangerfield who inspected the four batteries of the Regiment and a troop of Panzerartilleriebataillon 295 and witnessed the signing of the change of command documents.



The Regiment Changes Command 5 July. LCol J.E. Miller is the 38th CO in 114 years.

One of the highlights of the event was the colourful 25 pounder gun drill executed by an energetic detachment of senior NCO's. LCol Oehring was afforded the opportunity of firing his last round with the Regiment. The ex-CO took over the Number 3 position of the old gun and pulled the firing mechanism.

Two batteries changed command in July. On 4 July, Maj D.N. McLaughlin handed "C" Battery to Maj P.V. Nielsen. On 12 July, Maj F.B. Brake gave command of "A" Battery to Maj D.L. Ross. NATO's Secretary-General Lord Carrington witnessed the signing of the change of command document for "A" Battery. Finally, newly promoted LCol M.K. Jeffery handed the job of DCO to Maj J.J. Fraser.



NATO's Secretary-General Lord Carrington witnesses the Change of Command of "A" Battery from Maj F.B. Brake to Maj D.L. Ross.

### AUGUST: NATO'S LARGEST MEDIUM REGIMENT

It was a windy day in Winnipeg when the gunners of "Z" Battery, 1 RCHA gathered together to board SF761 bound for Germany. The August 10th flight that delivered the former 3 RCHA soldiers to Lahr was uneventful but



Gnr D.R. Dudar, "A" Bty, perfecting lines of communications at the OP, Graf — August 1985.

when the 707 touched down “controlled pandemonium” set in as they were swept up by sponsors and escorted to a reception at the South Marguerite. There, LCol Miller officially welcomed “Z” and presented Maj R.J.M. Selman with the BC’s pennant.

Only twelve days later “Z” Battery deployed as part of the Regiment to Grafenwöhr. They began developing SOPs while overcoming the shock of firing at a “postage stamp” sized impact area. The honour of firing the first round went to Sgt D.B. Johnstone’s detachment, “(45C)” at 1050 hrs on 26 August.

With the establishment of “Z” Battery; 1 RCHA is now the largest medium gun regiment in NATO!



“Z” Battery loads a German train for the first time, August 1985.



MBdr P.R. Todd, “A” Bty, digging-in the BC’s party in Graf.



“B” Battery boards the train bound for Grafenwohr in August 1985.

### SEPTEMBER: SOLO SABRE

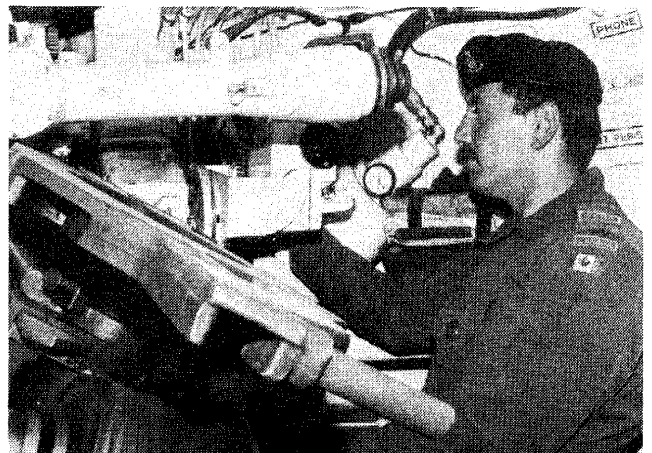
With a series of tactical night moves, 1 RCHA and the rest of 4 CMBG began Fallex in early September. Exercise Solo Sabre concentrated on the tactics of the Brigade in the defensive role. Digging became the order of the day; well concealed trenches were scattered over every gun position.

Capt M.L. Klimaszewski grasped the essence of the lessons we learned during the exercise:

- “Show me a dead man and I’ll show you someone who didn’t know the password.”
  - “Free runners are anybody’s target.”
- and the motto of infantrymen, which applies to all soldiers:
- “I dig, therefore I am!”



Gnr B.E. Cardiner on sentry duties during Exercise Solo Sabre.



Gnr C.N. Proccilo, leveling bubbles — Exercise Solo Sabre

## OCTOBER PART 1: NEW COLOURS

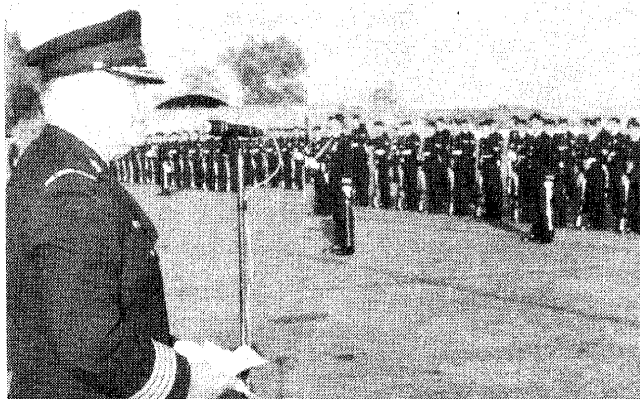
"In Eighteen Hundred and Seventy-One

An era began round the nine pounder gun . . ." and the era continues: the First Regiment received new Colours that were dedicated in an hour-long ceremony at the South Marguerite on 21 October.

Father R. Bazin and Padre J.W. von Schmeling dedicated the new M109A2's at a parade attended by over 300 spectators.

Throughout October, the soldiers of 1 RCHA worked long hours preparing the old guns, M109A3 Howitzers, for shipment to Canada. In Valcartier, 5e RALC will use these 17-year-old guns to support the Canadian Air Sea Transport Brigade.

"Peace is our aim", stated BGen W.W. Turner, Colonel Commandant, in his address before witnessing the first roll-past of the M109A2's. "We can be justifiably proud of our traditions and distinguished service to our country", he added, urging the soldiers to "continue to improve professional gunnery knowledge and always stand together as a united regimental family".



The Colonel Commandant addresses the Regiment during Dedication of New Colours. "Peace is our Aim".

## OCTOBER PART II: SAINT BARBARA

Celebrations for St. Barbara began six weeks early this year. The gunners of 1 RCHA were honoured to present a stained glass window of their patron saint for installation in St. Paul's Chapel, on 21 October.

In response to an invitation from the Chapel's community, the Regiment donated funds necessary to design and create the beautiful portrayal of this holy martyr. The work was carried out by Otto Peters of Paderborn. The six month project directed by Maj R.H.M. Burnford culminated in a church parade on the same day that the Regiment changed its Colours.



BGen W.W. Turner witnesses the dedication of the St. Barbara stained glass window for St. Paul's Church in Lahr. The project was directed by Maj R.H.M. Burnford.

## NOVEMBER: LOYAL SOLDIERS

Once a year every battery gears-up for the Annual Technical Inspection and the Commander's Inspection. Headquarters Battery is always guaranteed the biggest headaches. It has the responsibility of conducting pre-inspections on every vehicle in the Regiment.

Maj R.G. Kyle, BC HQ, will remember 1985 as the year in which the Inspections occurred, egads, twice!

In his speech to the officers following his inspection, BGen J.K. Dangerfield stated that although he congratulated everyone's efforts in the Regiment, he especially recognized the hard work of our Gunners and Bombardiers.

The success of the Regiment indeed rests with this loyal group of soldiers.



"A" Battery being inspected by BGen J.K. Dangerfield during November's ATI.

Ice, Wind, and Snow; a carbon copy of the March inspection.

## DECEMBER: SPECIAL CELEBRATIONS

On 4 December, St. Barbara Day festivities were organized by "Z" Battery. A Harrier-race won by "A" Battery in the morning was followed by two hockey games in the afternoon. The Gunner/Bombardier team clobbered the Master Bombardiers 11-2, while the Sgts/WO's team squeaked by the Officers, 7-6.

Two weeks later on 18 December the final event in the Regiment's calendar occurred; the Men's Christmas Dinner. Turkey and dressing, chorale ensembles and



The traditional carving of the turkey. LCol J.E. Miller and CWO D.A. Guttin. Men's Christmas Dinner 1985.

impromptu piping made the traditional dinner a colourful success.

The highlight of the festivity was the promotion of a noteworthy MBdr to Sgt. The CO presented the Regiment's "Ebony Prince", MBdr C.R. Bremner, with Sergeant hooks. Sgt Bremner immediately joined the Sr NCO's and Officers in serving the men the delectable meal.

\*1985 is now a memory\*

#### IN MEMORIAM

This article, in its entirety, is dedicated to Gunner Donald H. Hunt who was killed when hit by a car early Saturday morning, 2 November 1985, while crossing a road near the main airfield gate of CFB Lahr.

Gunner Hunt enrolled in the Canadian Forces on 7 February 1985 and joined the First Regiment upon completion of his TQ3 training at the RCA Battle School in July.

As a detachment member in "C" Battery, Gunner Hunt was a hard working soldier who aspired to a long career in the Artillery.

Gunner Hunt was returned to his home of Nelson, B.C. for burial services on 9 November.

\* STAND EASY \*



Capt M.D. Hodgson using the laser. "Shooting was never so easy".



Sgt D.V. Tibbel, Capt R.P. Belway and Gnr A.J. Bennett, "One lousy beer between the three of us".

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## IN MEMORIAM

### **Bombardier John S. Hunter** (Oakville, Ontario)

*The First Regiment regretfully announces the tragic loss of one of our soldiers, Bombardier John Hunter. Bombardier Hunter died instantly as a result of an automobile accident the morning of Saturday, 29 March, 1986. The Regiment and all ranks offer their prayers and deepest sympathies to the family and friends of our comrade. May he forever rest in peace.*

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## 2 RCHA

The year 1985 saw little change in the routine of the Second Regiment Royal Canadian Horse Artillery. To say that the regiment was busy is a bit of an understatement. In 1985 we again demonstrated to the fullest the military principle of flexibility, as the unit had members spread as far afield as Australia and Portugal, as well as moving intact to Cyprus in the fall.

After a well deserved Christmas block leave the officers and men of 2 RCHA returned to the challenge of what the new year had in store for them. During the month of January most of the unit carried out the inevitable winter-warfare training, while one small contingent (tired of the same old thing) migrated south to Fort Bragg, North Carolina. This contingent, consisting of E Bty (Para) complete and a number of D and HQ Bty personnel undertook a small unit exchange with the 2/321 Airborne Field Artillery of the 82 Airborne Division. While in the USA, the members were given familiarization training on American equipment, weapons and techniques. The highlight of the exchange for the Canadians was the awarding of the coveted American wings.



*E Bty (Para) arrives back in Petawawa, via 2 USAF C-141 Starlifters, from a three-week Small Unit Exchange in Fort Bragg, N.C. (13 Jan - 1 Feb 85).*

While our troops were basking in the "balmy south", the American members of the exchange were learning why one doesn't wear jungle boots in Petawawa in January. The few officers and men of E Bty (Para) remaining in Canada treated the US gunners to an interesting time learning Canadian equipment and its use in winter warfare.

From the 14-18 January D Bty held its first major exercise of the year, Ex "Frosty Nights". This outing was designed to educate the soldiers in a non-tactical winter

environment. The emphasis was on training of a competitive nature such as snowmobile races, ice-fishing derbies and cross-country skiing.

During the month of February E Bty (Para) was engaged in a TALEX to practice their quick rig procedures. This involved long hours travelling between Petawawa and Trenton in preparation for "jumping the guns" onto DZ Anzio.

D Bty meanwhile was carrying out Battery level live-fire training on the familiar Petawawa ranges. After numerous workups the battery headed for the field to support the 8 CH Recce Squadron in a series of small exercises geared to train the recce troopers in indirect fire procedures.

March continued to be a busy month for the members of E Bty (Para). The 4th of March saw their departure for Texas as part of the Airborne battle group. While in the American south-west, the battery took part in numerous exercises with their US allies and "enemy". One exercise in particular was of relevance in light of the regiment's upcoming UN tour; Ex "Nimrod Caper" was held, to practice UN duties, from 5-9 March.



*An E Bty (Para) L5 comes into action during Exercise BORDER STAR in Texas (1985).*

Back in Petawawa the remainder of the regiment was busy preparing for the upcoming exercises in the spring. Throughout March and early April a number of regimental CPXs were held to ensure that all CPs were trained to a high standard for "RendezVous 85".

In late April it was D Bty's turn to leave the country. On 22 April the BCs and two FOO parties flew to Portugal to participate in Ex "Ardent Ground 85". The two and one-half weeks spent in "sunny" Portugal were a rewarding experience for the small Canadian contingent, both militarily

and culturally. As with every preceding Ardent Ground, the exercise was a complete success for D Bty.

By end April the regiment deployed complete to Suffield, Alberta for RV 85; except for 35 men who were burdened with the task of packing their swimsuits and summer clothes to prepare for AUSCAN Bond 85 in Australia. This year 2 RCHA was chosen for this annual exchange between Australia and Canada, and the unit set out to make the most of it. After a long, tiresome journey (with overnight stop in Hawaii) the troop arrived at Townsville, Queensland to receive a warm welcome from its host unit, 107 Fd Bty, 4 Fd Regiment RAA. While in Australia the 2 RCHA gunners were subjected to a scope of training not normally given to Canadian troops, such as jungle warfare and the setting up and occupation of a Fire Support Base (Vietnam style). Upon the completion of all scheduled training the gunners dispersed to the four corners of Australia on a well deserved two weeks leave before returning to Canada in early July.

Meanwhile, back in ranch country, Ex "RV 85" was off to a fast and furious start. Battery training quickly progressed into regimental level training. On 5 May the Australian half of AUSCAN Bond 85 arrived in Suffield and the majority were immediately swallowed up by D Bty. After the Aussies were successfully integrated, the regiment took part in the Commander Divisional Artillery's exercise from 13-17 May. On 18 May the entire unit pulled up stakes and moved north to Wainwright to take part in a series of dry brigade and divisional exercises which lasted until end-month.

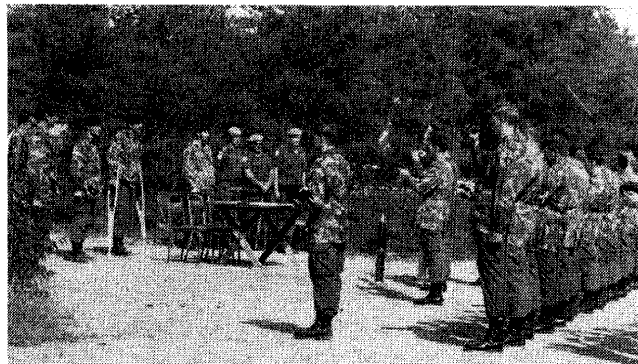


*Capt Tim Justice reluctantly gets cammed by Sgts Don Labossiere and Pierre LeClair in preparation for his last jump with E Bty (Para) on DZ SPUD in Suffield.*



*Newly promoted MBdr Mirk receives the Commanding Officer's Trophy from LCol R.B. Mitchell, Commanding Officer, Second Regiment, Royal Canadian Horse Artillery, for being Gunner of the Year.*

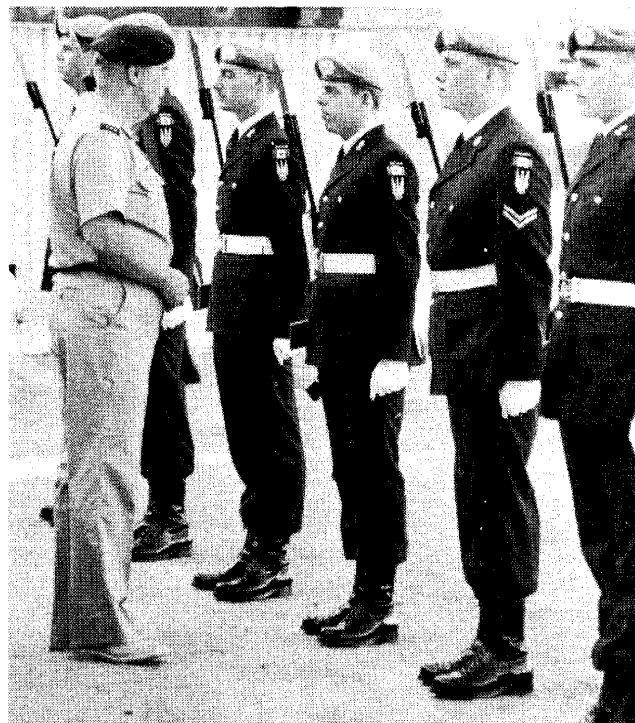
In early June the greater part of the regiment departed for Petawawa to begin preparations for our tour in Cyprus. As part of the move back the Australian contingent was treated to a cross Canada tour between 4-13 June, as they drove our newly acquired ILTIS across the prairies to Petawawa.



*E Bty (Para) Change of Command. Maj D.J. LeClair hands over command of E Bty (Para) to Maj P.J. Kramers.*

Upon the regiment's return home the Cyprus recon party almost immediately set out on its appointed task (to go where 2 RCHA had never gone before). While the recon party sunned itself in Cyprus the remainder of the unit worked feverishly day and night to complete its preparations for Cyprus; reorganizing as an infantry battalion, putting guns and vehicles into storage and carrying out countless administrative duties.

The regiment was back at it once again after block leave in July, trading in its green and maroon berets for blue. The next month saw the members of 2 RCHA and 3 Commando, Canadian Airborne Regiment training for Cyprus in many different forms. Starting off with small arms refresher training, the unit progressed to practicing OP techniques, come-along holds and Internal Security measures. The peacekeeping training culminated with a three day exercise, which turned the regimental lines into a buffer zone complete with OPs, CPs, "Greek" and "Turkish" soldiers.



*The Colonel Commandant, BGen WW Turner, inspects the Quarter Guard provided by F Bty during his visit to Cyprus (22-25 Oct 85)*

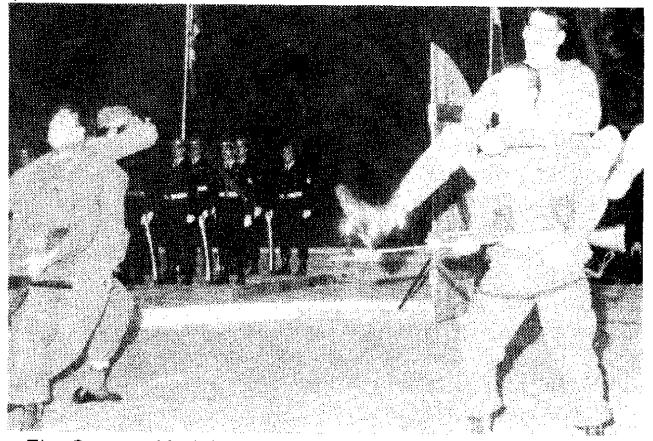


*The Colonel Commandant in the Peace Garden. From L to R: LCol RB Mitchell, BGen WW Turner (Ret'd) Mrs. WD Wellsman, Col WD Wellsman, Maj PJ Kramers.*

On 27 August the advance party finally embarked on its long-awaited journey to Cyprus and Operation Snowgoose 44. As the advance party soon discovered, there were many things that were much different than at home. Drivers had to accustom themselves to driving on the "wrong" side of the road, the language barrier prevented easy communication and the heat necessitated that many acclimatise themselves accordingly.



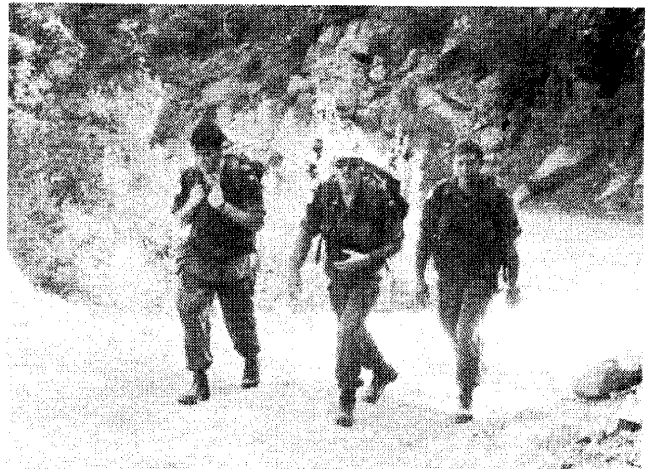
*The ceremonial guard during the Cancon Medals Parade. The guard is being led by Sgt McCormick of F Bty.*



*The Cancon Medals Parade (10 Jan 86). The unarmed combat display during the ceremonies.*

The changeover with the Vandoos was effected with few problems and soon gunners were manning the line OPs, providing escorts and of course repainting everything that didn't move. In a very short time 2 RCHA was complete on the ground and quickly took charge of the situation.

As this is 2 RCHA's first tour in Cyprus, it has been and will surely continue to be a rewarding experience. The island has proven to be a great training ground for leadership skills at the junior NCO, senior NCO and officer level, as well as a veritable semi-tropical paradise for those interested in getting away to the beaches.



*The Cancon March (28-29 Sep 85). Part of the 2 RCHA team during the event. From L to R: Capt Townend (Sigo), Capt Jackson (Mainto) and Lt Wykurz (AO 3 CDO)*



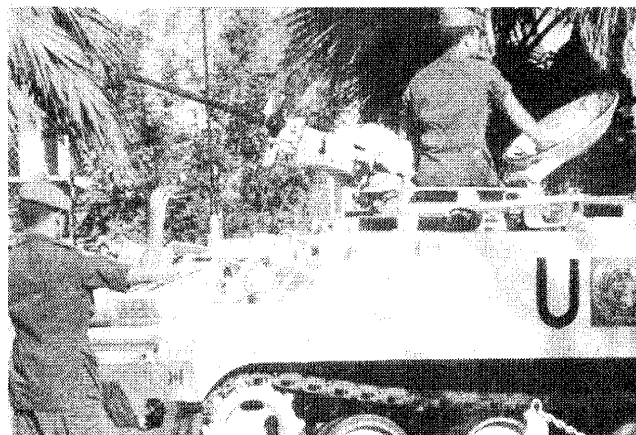
*The RSM, CWO of Pollock, and two gunners from F Bty, standing by entrance to Wolseley barracks.*

Up to this point in time the tour has been a tremendous success and the regiment expects nothing but the same in the months to come.

The year 1985 has been an interesting, yet extremely hectic time for 2 RCHA. The regiment persevered, however, accomplishing all it set out to do and more. In the past year the Second Regiment, Royal Canadian Horse Artillery shot well, trained hard, played hard and truly lived up to the motto of the Royal Regiment: UBIQUE QUO FAS ET GLORIA DUCUNT.



The Wolseley Gate Guard. From L to R: CPL Broszman and Gnr Doran of F Bty Manning C-40.



The Recce Troop in action. From L to R: Sgt McCarron, Bdr Racine, MCpl Shirley.



The Scuba course. (From L to R): Sgt Flett, Gnr Nowe, Gnr Freeze, taking part in the training.

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### 3 RCHA

Nineteen Eighty Five, the Year of the largest RV (approximately 14,000 troops), and Year of rebuilding and reshaping for the Third Regiment. Certainly, it was a year of dynamic and significant change for the members of the Home Station Regiment. Events such as the above mentioned RV85, the Commanding Officer's Change of Command, Eurofill, the CF Pistol Team Championship, the formation of H Battery, Regimental Schools, and Exercises LIMBER GUNNER 8501 and 8502 all kept the Regiment driving the body and shooting the foot.

The year started off in Rogers Pass with 2Lt David MacPherson and a detachment of soldiers entertaining the beginning of a new year as "SNOW PUNCHERS".



*3 RCHA's combat clerks on the trail again.*



AVCON — G Bty — 330 rds  
 Top L to R — Gnr Patterson, Gnr Sparks, Gnr Norwood, Lt MacPherson  
 Bottom — MBdr Cox, Gnr Leclair, Bdr Roesler, Bdr Bremner

Christmas leave was an enjoyable one, and then came the familiar routine of January and Regimental School. In conjunction with Regimental School, U Battery ran a Basic Blowpipe Course, and what else do you do in Shilo during January? Winter indoctrination of course.

G Battery went north to Watchhorn Bay for Exercise Long Night to conduct its winter indoctrination, and a good time was had by all. J Battery went to Turtle Mountain (just north of the International Peace Gardens), to enjoy their romp in the infamous Manitoba cold.

J Battery also had the opportunity to participate on Exercise BRIM FROST in Alaska with the Americans. Lucky J Battery! Alaska was actually warmer than Shilo during EX BRIM FROST.

This brings us up to EX LIMBER GUNNER 8501 which was in essence a warm up for RV85. Once again the sharp eyes and finely honed skills of the U Bty gunners managed to negate the skillful flying of the 21C as he flew SGA (slow ground attack) runs against blowpipe positions.

No sooner had LIMBER GUNNER finished when 3 RCHA found itself whisked away by road, rail, and air to RV85 where G, J, and RHQ Btys deployed to CFB Suffield and U Bty to CFB Cold Lake. In Suffield, the Regiment had its (mettle) tested with the likes of 90 Km moves, more ammunition than it could carry (for a change), new and strange ranges that put everyone's map reading abilities to the test and of course the hinted-at threat of the many Auffield rattlesnakes. It was there at Suffield that 3 RCHA participated in the largest Canadian Divisional Artillery shoot since Korea. From Suffield to Wainwright, the Regiment changed roles, altered uniforms and became COMRADES in order to act as enemy force for the Brigade. At the end of EX RV85, EX FINAL CHECK was carried out. This was a live fire exercise in which the infantry combat teams conducted battle runs. Parts of G and J Batteries combined to produce a composite battery to support the combat team battle runs with live fire support.



*OK Miss, do you see the one who did it?*

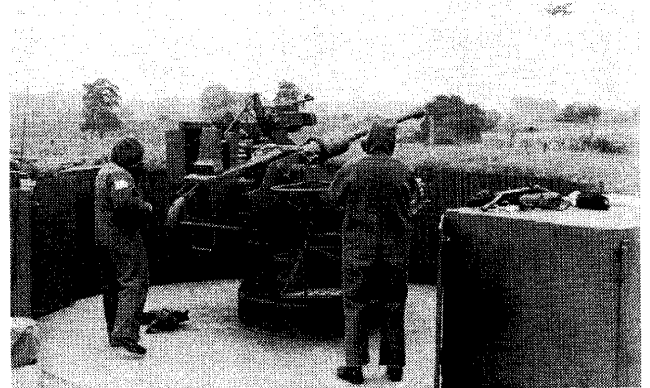


*Sgt Tibbel critiques his detachment after winning the Nol Anti Tank competition.*



*3 RCHA's secret weapon during RV 85*

Now it is time to delve into the reshaping and rebuilding that was mentioned earlier. Summer and the posting season were the culprits in these matters. LCol GWA Trimble relieved LCol BE Stephenson of his command of the Third Regiment, bringing with him almost an entire new staff. Maj Rick Hoyland moved into the position of 21C (to the great disappointment of U Bty, as Maj Hoyland does not fly SGA), Maj Dennis Hartnett assumed command of J Bty, Maj Tim Mooney moved from RCPO to BC U Bty, Capt John Gosbee entered the Regiment as RCPO, Capt Paul Kearney was welcomed with open arms by Maj Davis as the new BK RHQ, and all the BKs changed.



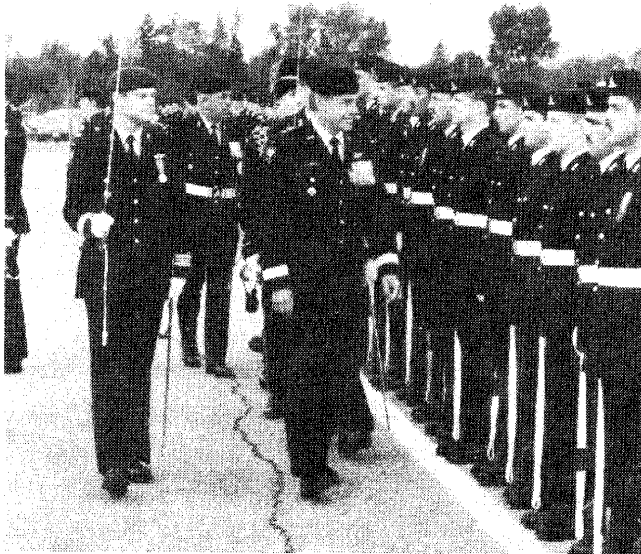
*Baden Soellingen-U Bty's Air Defenders assist 128 AAD Bty in manning the guns and protecting the airfield.*



*LCol B.E. Stephenson authorizes the U Bty change of Command*



*Maj R.J.M. Selman signs over his command of J Bty to Maj D.G. Hartnett.*



*BGen C. Milner inspects Z Bty*

All of these new people only scratched the surface of the rebuilding of the Third Regiment. Maj John Selman and MWO Arnold Furber had the honour of hand picking a battery worth of soldiers to comprise the new Z Bty. This, along with the regular postings to Germany and the attached postings to the RCA Battle School, and the formation of H Bty (another gun Battery), left the Regiment a mere shadow of its former self. The new CO (LCol GWA (Bill) Trimble) was not discouraged. In fact, he met the challenge head on with enthusiasm and set about helping the RCA Battle School train the (approx 300) new gunners the Regiment required. This was miraculously undertaken while the Regiment's own training was still in progress.



*LCol Trimble leads 3 RCHA for the first time during the Change of Command parade.*



*BGen C. Milner observes the signing over and acceptance of 3 RCHA*



*Speeches for the outgoing (LCol Stephenson) and the incoming (LCol Trimble) COs during the 3 RCHA CO's change of Command parade.*

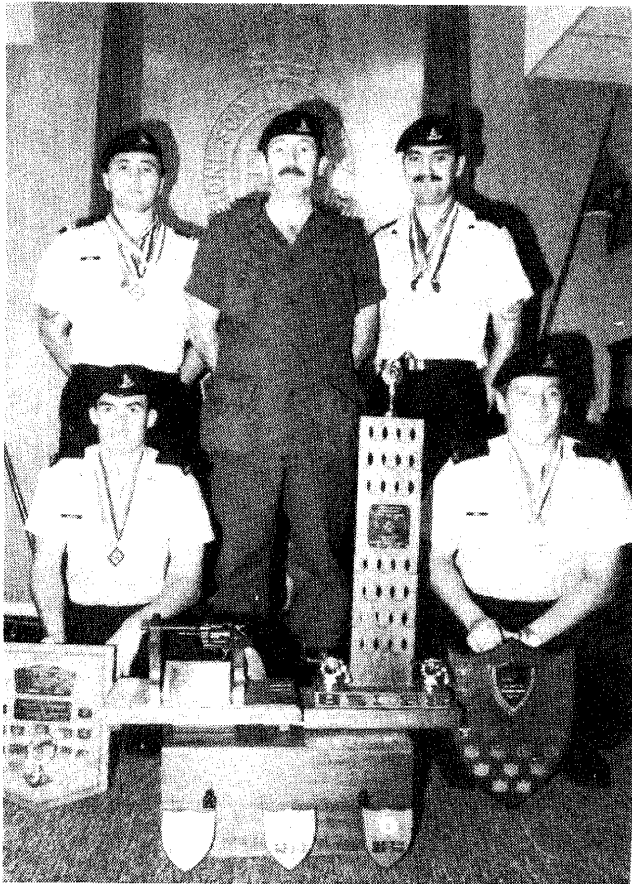
July and August were busy with the Regiment's normal summer activities; training with the Militia (NRQS), adventure training, recruiting demonstrations, and of course holidays. And for those who were not tasked as increment staff at the RCA Battle School, the holiday period was a relaxing one.

September and the whirlwind of Regimental School took over with Capt Gosbee (RCPO) losing hair and sleep trying to make everything in the Regiment work and still supply the RCA Battle School with enough increment staff.

Lt. Ross Robinson opened AVCON in November to carry on the tradition of 3 RCHA gunners at Rogers Pass, B.C. This tradition has been an excellent one as we gunners have developed many new friends and comrades with the Parks Canada personnel in Rogers Pass. November also saw the coming and going of EX LIMBER GUNNER 8502. It was a very much shortened and modified version due to the lack of personnel in the Regiment.

Regimental sports helped build Esprit de Corps and camaraderie, and always the best battery was the one each individual belonged to (regardless of what anyone else said). The Year 1985 saw, however, a few notes worthy of mention; 3 RCHA's Pistol Team not only won the 1 CBG Championship, but the FMC and the CF Pistol Team

Championships as well. It was the first time an artillery unit has ever won this distinction. The Regiment also formed the majority of the CFB Shilo Soccer team which won the Prairie Regionals for the third year running.



The CO proudly shows off his champions

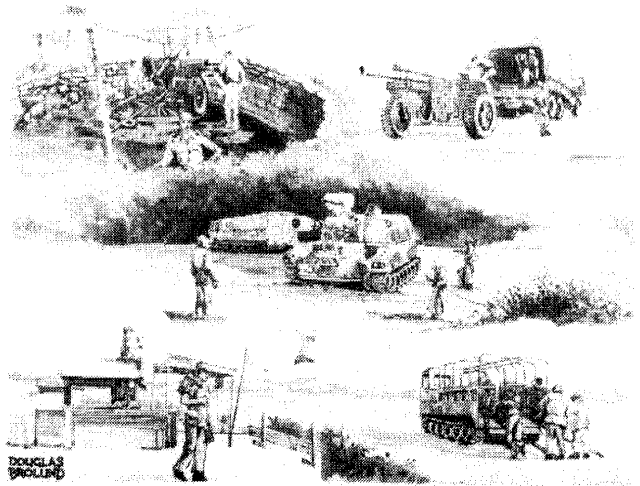


Shilo scores another one to go onto the Prairie Regional Championship circle. Gunner Blackbird on the right demonstrates how it's done.

December brought on the dreaded OEI (while the BCs wintered in Fort Sill), and the much needed Christmas block leave. The OEI tightened everyone's springs just that much more and the block leave unwound everyone just as it was designed to do.

Looking back on the year, it was a great experience for all in the Regiment, but, not unlike many great experiences, it was one that should only happen once in a lifetime. Here's to 1986, and may it be half as good as 1985. UBIQUE!

## NOTICE TO ALL GUNNERS ESPECIALLY PAST G BATTERY GUNNERS



G Battery recently commissioned a 45 x 60 cm water colour painting by a Brandon artist, Douglas Brolund. The painting depicts the four howitzers that the Battery served from 1953 until present and also acknowledges the Battery's UN duty.

Prints, appropriately captioned, are available for \$10.00 per print. A few of the first 100 (numbered) copies are still available, in addition to the further 100 (unnumbered) prints.

Prints can be ordered by forwarding payment to G Battery 3 RCHA, CFB Shilo, Manitoba, R0K 2A0

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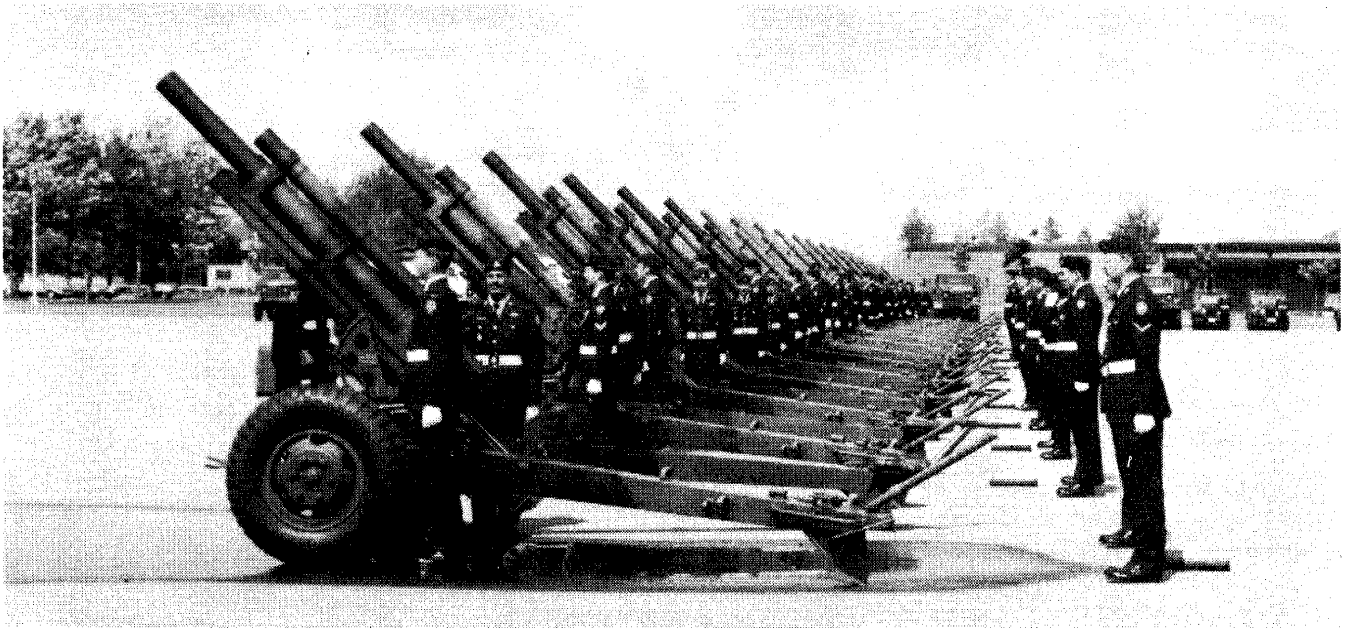
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## 5 RALC



L'année 1985 fut une des années les plus exigeantes dans l'histoire du régiment, autant sur le côté opérationnel que sur le côté de la vie en garnison. Entre le mois de novembre 84 et juin 85, le régiment participa à neuf exercices dont cinq étaient du tir réel où le régiment tira plus que 14,000 obus. Les derniers six mois de l'année 85 furent consacrés uniquement à la transition d'un régiment motorisé à un régiment mécanisé dans le but d'être opérationnel pour juin 86.

Le plus gros évènement de l'année fut RV 85, où le régiment a su répondre à l'appel avec la bouche de ses canons. Sans vouloir trop insister, le régiment était le seul régiment qui a gardé 18 obusiers en action en tout temps. Aussi il a gagné la plupart des ajustements divisionnaires. Mais la tâche qui a vraiment mis à l'épreuve nos connaissances fut celle où nous avons appuyé tous les groupes batailles de l'Armée canadienne lors de l'exercice ANTILOPE. Sur cet exercice de tir réel, le régiment tira plus de 540 obus par jour sans aucun incident majeur. Lorsque le cessez-le-feu sur l'exercice fut donné, les fantassins et les blindés ont su que Dieu était sur le côté le plus fort. Aussi le proverbe "Nous ne sommes pas les meilleurs mais les meilleurs ne peuvent nous battre" résonnait dans les oreilles de nos frères des autres unités.

Durant cette même année, le régiment effectua le premier tir M109A3 le 12 avril 1985, sous l'égide du Bgén Reid qui était aussi présent lors du premier tir de 105mm le 6 février 69, lorsqu'il le Gén Cndt du 5e Groupement de

Combat maintenant le 5e Groupe-Brigade du Canada. Le régiment fut également l'hôte pour la visite du Chef de l'Etat-Major, le Gén Thériault le 13 juin 85 lors de l'exercice ANTILOPE!

D'autres faits saillants de l'année 85 qui ont une place spéciale dans l'histoire du régiment furent la célébration du deuxième anniversaire du Droit de Cité de la Ville de Québec le 9 juillet 85 où le régiment a paradé dans les rues de Québec, avec une garde montée sous le commandement du Lcol R.A. Dallaire, et devant l'Hôtel de Ville de Québec sous la présidence de Monsieur Jean Pelletier, Maire de la Ville de Québec.

Le 12 juillet 85, le régiment fit ses adieux au Lcol R.A. Dallaire qui avait commandé le régiment dupuis le 11 février 1983, et à notre SMR, l'AdjuC Claude Hautcoeur qui a été SMR pour quatre ans. Le régiment accueillit le nouveau Commandant le Lcol J. Trépanier et le nouveau SMR l'AdjuC Robitaille. 18 coups des 18 obusiers 105mmC1 du régiment marquèrent ce changement de commandement alors que quatre coups de 25 lbs marquèrent le départ du SMR sortant.

Durant cette parade, on fit la remise des trophées aux gagnants des trois compétitions inter-batterie qui ont eu lieu à Suffield durant RV 85.

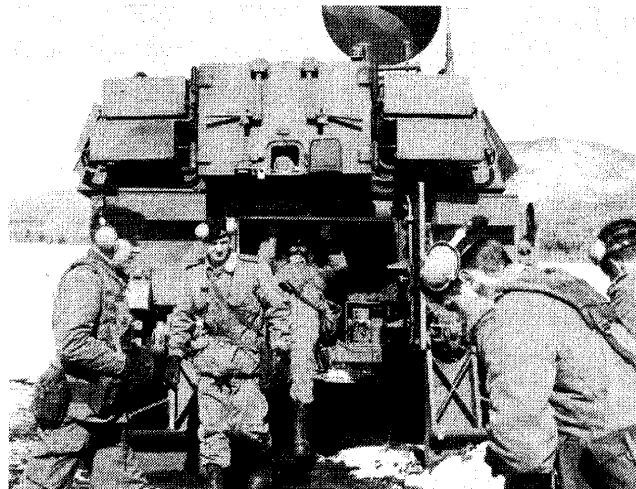
Le 4 décembre 85 n'était pas seulement la fête de notre patronne Ste-Barbe, mais fut aussi une journée pour signifier notre respect à un de nos héros, le SSgt G. Walick qui a péri durant le feu qui ravagea les ruelles de Québec et

St-Sauveur. Lors de cette cérémonie nous avons parmi nous le Maire de la Ville de Sillery, Mme M. Delisle, le représentant du Maire de Québec, Monsieur P. Morency et le Gén Cmdt James Gervais, Commandant du 5e GBC. Une garde d'honneur de 50 hommes de la Bie X sous le commandement du Comad X, le Capt Réjean Coté, le détachement de 9 lbs sous la direction du Sgt Fecteau, et également un détachement de 25 lbs sous la direction du Sgt Tolley participèrent à la cérémonie dans le Cimetière du Mount Hermon à Sillery où le SSgt Walick fut enseveli en 1889.

Le 6 décembre 85, le régiment fut témoin de la parade de graduation de 120 nouveaux artilleurs. Les gradués avaient complété leur cours QM3, et le Lcol J. Trépanier consentit à les accepter au sein du régiment. Le Lcol Dallaire était présent et il s'adressa aux gradués leur souhaitant la bienvenue dans la famille des artilleurs au nom du Directeur d'Artillerie. La remise des trophées au meilleur candidat de chaque cours, et la remise des "insignes" d'artilleur complétèrent la cérémonie.

Malgré toutes les activités déjà couvertes, le régiment n'oublia jamais son but principal, soit devenir un régiment mécanisé opérationnel pour le 1er juin 86. Durant les mois de septembre 85 à mars 86, le régiment a réussi à qualifier 504 artilleurs avec l'assistance de 140 instructeurs, sur tous nos véhicules chenillés, soit les M109, M113 et sur notre flotte de véhicules motorisés. Cette tâche ardue monopolisa les efforts de tous ne laissant que très peu de temps aux autres activités.

Le 1 novembre 85, nos premiers six M109A3 arrivèrent de l'Allemagne. Depuis ce temps, 14 autres sont arrivés et maintenant la mécanisation du régiment est devenue une réalité. Les outils, pièces de rechange et autres équipements ne cessent d'arriver confirmant dans nos esprits la réalité de cette transformation. Ce fut une année chargée d'activités et d'événements spéciaux et tous les membres du régiment ont su répondre à l'appel. Le régiment a su gagner le respect de tous les militaires qui ont eu l'honneur de faire appel à ses canons. Avec la transition à la mécanisation le 5e RALC sera en mesure de répondre aux appels avec une plus grande puissance de feu et avec plus de flexibilité. UBIQUE!



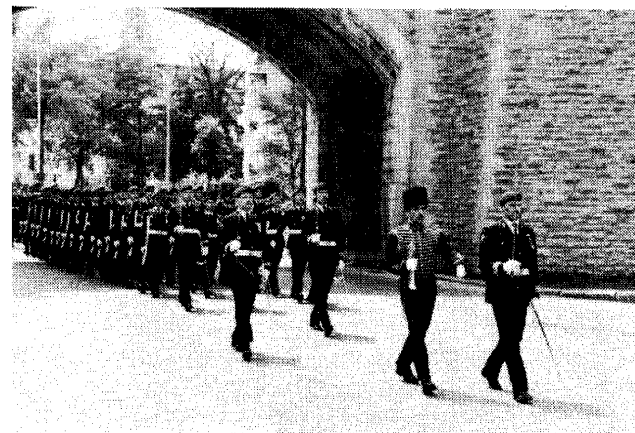
*Les artilleurs Power, Touzin, Pigeon et Bdr Jodoin préparent les munitions pour le premier coup historique du régiment.*



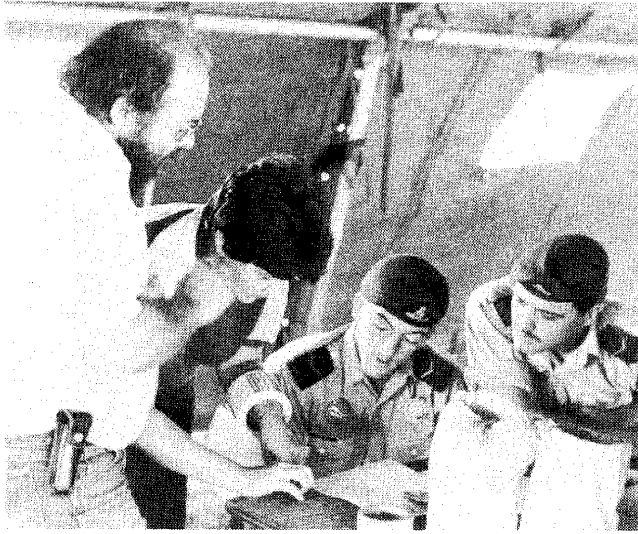
*Défilé de nos couleurs. Lors du Droit de Cité dans la Ville de Québec le 9 juillet 85.*



*Mission de tir une pièce — 1 coup Tir efficacité. Premier Tir M109A3 — 12 avril 85.*



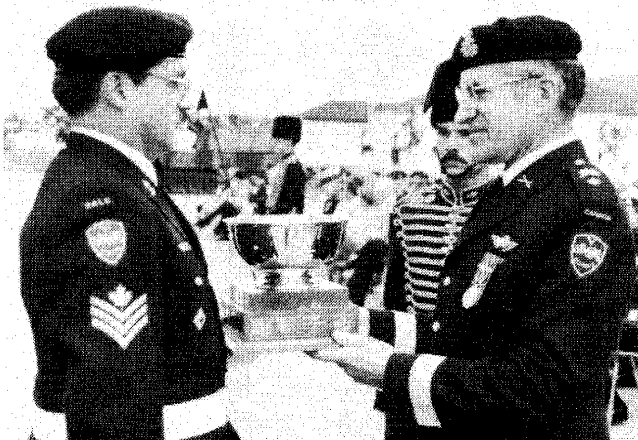
*Le Lcol Dallaire en tête du régiment entrant dans la Ville de Québec le 9 juillet 85. Par la porte St.-Louis.*



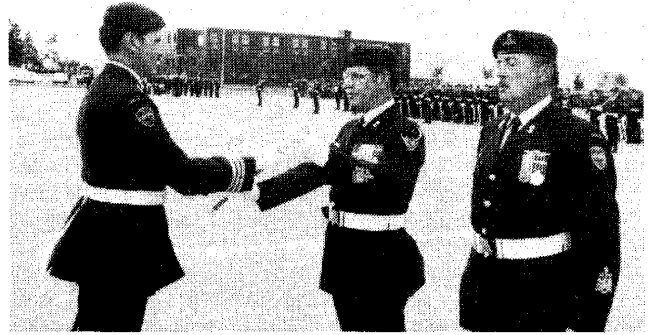
Les Artilleurs Verreault et Milton supervisent l'inscription des citoyens de Québec lors du marchethon pour la Fibrose Kystique. 13 août 85.



Le Maire Jean Pelletier tire le coup de départ pour le marchethon.



Le Bgén Gervais remet le Trophée Tir en Embuscade au gagnant le Sgt Vaugeois et son détachement 35B.



L'AdjuC Hautcoeur remet la canne Régimentaire au Lcol Dallaire.



Le Capt Théberge reçoit le Trophée Mise Action Rapide des mains du Chef de l'Artillerie Divisionnaire le Bgén Wheatley.



Le Capt N. Brault reçoit le Trophée du Tir à Vue du Bgén Beaudry.



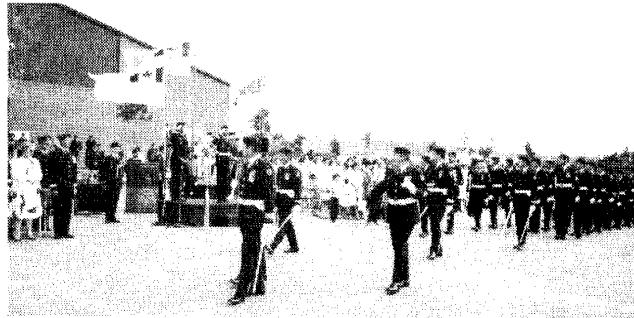
Le Lcol Dallaire remet la canne du Régiment au nouveau SMR, AdjuC Robitaille.



Lcol J. Trépanier prend en main le 5e RALC le 12 juillet 85.



Bgén James Gervais a présidé la Passation de Cmdt entre le Lcol Dallaire et le Lcol Trépanier.



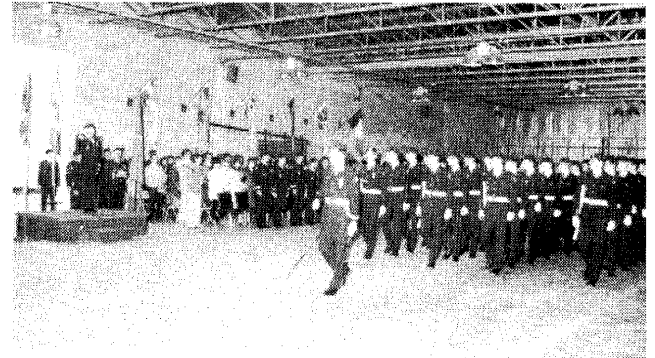
Le nouveau Cmdt du 5e RALC défile avec le régiment.



Premier M109A3 du régiment. De gauche à droite: AdjM Chamberland, AdjM Bernier, Bdr Hagge et Clark et le Lcol J. Trépanier — 1 nov 85.



Déchargement de nos premiers six M109A3 — 1 nov 85.



Graduation de nos QM3 6 déc 85. Le Capt Boissonneault donne le salut au Cmdt 5e RALC.



Le Lcol Trépanier inspecte nos gradués.



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## LA BATTERIE X

La Bie X débuta son entraînement hivernal par l'exercice "NEZ ROUGE" dans la région des Bois-Francs. L'exercice fut un franc succès autant sur le plan militaire que sur les bonnes relations avec les citoyens de cette belle région du Québec.

Le fait le plus marquant de l'année 1985, pour la Bie senior du 5e RALC, fut sûrement "RV 85". La Bie débuta ses préparatifs par l'exercice "PIERRE PRECIEUSE" où elle fut soumise à toutes les étapes de la guerre afin de finaliser les procédures de déploiement et mousser l'esprit d'équipe.

Puis, le 16 avril 85, c'est le grand départ et la Bie s'élance vers les Plaines de l'Ouest. Les exercices se succèdent à un rythme effarant, "PROUD WARRIOR", "SYNDROME GAGNANT", "FINAL CHECK" et "ANTILOPE".

Fait à souligner, durant l'exercice "SYNDROME GAGNANT", la Bie fut attaquée par un bataillon d'infanterie appuyé par un escadron de chars. La Bie X s'est farouchement défendue jusqu'au dernier canon mais fut finalement submergée par le nombre. Nos pertes ne furent pas vaines, car l'avance fut arrêtée et l'ennemi dû se regrouper au grand désappointement du Cmdt actuel qui était alors G3 de la Force Rouge. Les artilleurs de la Bie X ont mis fin à ce qui aurait pu être une complète débandade pour nos alliés.

Durant les compétitions, la Bie X fidèle à sa réputation, démontra à nouveau sa vitesse d'exécution en remportant la mise en batterie rapide, sous le contrôle du Capt Théberge CT B, le Lt Magnan OT et avec l'Adj Caron SMT B.

Finalement le retour, le 21 juin tout est terminé et on rentre à la maison.

Une fois à Valcartier, plusieurs parades nous attendent, changement de commandant de la brigade et du régiment et enfin deux semaines de vacances bien méritées.

A peine revenue de vacances, la Bie passait trois jours dans la Beauce, à St-Sébastien, pour une démonstration. La population locale fut enchantée.

## IN MEMORIAM STAFF SERGEANT WALICK

The 4th of December on St-Barbara's Day, 5 RALC and especially "X" Bty, returned honour to one of our heroes, SSgt George Walick, tragically deceased on 16 May 1889. SSgt Walick gave his life during the great fire of 1889. This fire destroyed more than 500 houses and 4000 citizens were rendered homeless. "B" Bty, then garrisoned at "La Citadelle", answered the call for assistance from the Mayor of St-Sauveur. Members of "B" Bty helped by evacuating citizens and fighting the fire.

On May 16 1889, at around 5 o'clock, SSgt Walick and his Battery Commander Major Short, entered a house located at the corner of St-Sauveur and Ste-Gertrude streets to blow it up with a barrel of gun powder. This was to create a corridor to bring the flames under control. Unfortunately, a spark coming from a neighbouring house, touched the barrel and they both perished.

On Monday 20 May 1889, the biggest funeral ever seen in Quebec took place for the burial of SSgt Walick. Prime Minister Mercier, the Mayors of Quebec and St-Sauveur, the chiefs of police and the fire departments, judges and citizens of all ranks payed their last respects to this hero who gave his life for the citizens of Quebec and St-Sauveur.

To commemorate SSgt Walick's action, the Royal Canadian Artillery Non-Public Fund paid for the renovation of the Mount Hermon (Sillery) cemetery monument dedicated to this hero. "X" Bty of 5 RALC was in charge of the ceremony and the protocol.

The ceremony began at 1400 hours at the St-Michael's Anglican Church in Sillery. The guests meditated under the good words of the protestant and catholic padres, Major Cosman and Capt Hamel. LCol Trepanier, our Commanding Officer, then mentioned the historical facts surrounding the heroic action of SSgt Walick. Then the guests moved to the cemetery to honour SSgt Walick.

The unveiling of the renovated monument began with the firing of a 9 pounder followed by the first call, two minutes of silence then réveillè and the firing of a 25 pounder. Many guests participated in this dedication. The Mayor of Sillery, Mrs. Margaret Delisle, unveiled the monument, Mr. Jean-Paul Morency, Vice-President of the Executive Council of Quebec City laid a wreath of flowers. Brigadier-General James Gervais, Commandant du 5e Groupe-Brigade du Canada, the senior military representative, was present and he also laid a wreath of flowers in the name of all members of 5e Groupe-Brigade du Canada.

The ceremony ended with a reception in the St-Michael's Anglican Church community hall, where our Commanding Officer presented a regimental plaque to Mrs. Delisle, Mayor of Sillery.



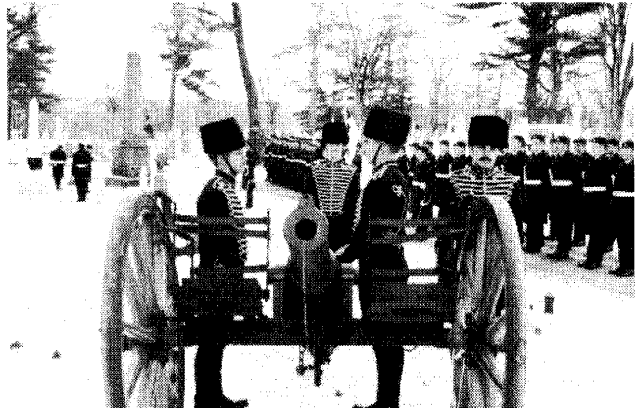
Bie X: Déplacement hélicoptéré EX NEZ ROUGE. Quel Froid!



Bie X: EX ANTILOPE: Bdr Jodoin, Art Martin et Art Richer creusant une tranchée.



*Bie X: RV 85, les sous-officiers seniors de la Bie X exécutant une salve d'honneur à l'occasion du départ de plusieurs membres de la Bie.*



*IN MEMORIAM SSGT WALICK: une garde de 50 hommes et un coup de canon de 9 lbs, servi par le Sgt Fecteau, les Art Picotin, Aubut et Perron.*



*Mme Delisle, Maire de Sillery, dévoile le monument rénové du SSgt Walick.*



*Nos invités d'honneur reçoivent le salut général: M. Morency, représentant de la Ville de Québec, Bgèn Gervais, Commandant 5e GBC et Mme Delisle, Maire de Sillery.*

## LA BATTERIE Q

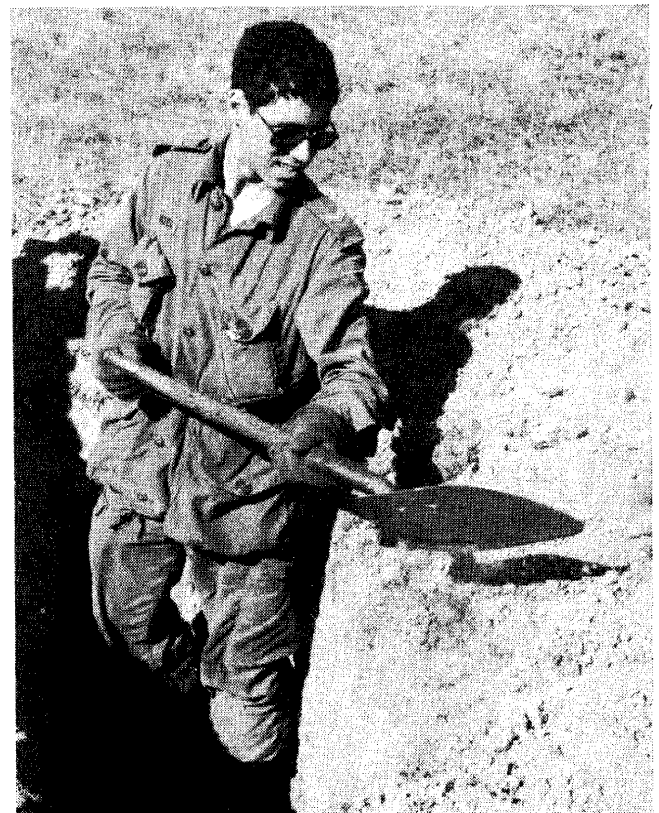
La Batterie Q débuta son année d'entraînement par une dure session d'introduction à la guerre hivernale, du 14 au 16 janvier 85. Puis le 21 janvier on se dirigea vers Victoriaville pour l'exercice NEZ ROUGE.

Le déplacement se fit par route et le voyage fut sans incident. Mais une fois sur place, le froid mordant et les tempêtes de neige intermittentes ont rendu toute l'opération des plus difficile. Les inconvénients de l'hiver se sont vite faits sentir, doigts gelés, véhicules pris et moteurs qui refusent de démarrer.

L'évènement le plus marquant fut sûrement une attaque hélicoptérée sur notre position. La Bie Q était alors à compléter l'étape finale d'un déplacement par hélicoptère. Lorsque le dernier Chinook déposa le sixième canon, 14 hélicoptères ennemis surgirent derrière nous et assaillirent notre position. L'ennemi avait suivi les Chinook et pu ainsi facilement trouver notre position. Les 32 artilleurs présents sur la position furent totalement submergés, non sans combattre farouchement, par les 112 fantassins ennemis. Résultat, dévastation totale de la position, quelle leçon!!!

A la fin d'avril, la Bie s'est déplacée, avec le Régiment, vers l'Ouest pour RV 85. L'exercice fut un succès et chacun tira d'immenses leçons de ce grandiose entraînement. La Batterie Q se permit même de remporter le tir à vue sous les ordres du Capt Brault, l'officier de tir.

After RV 85, members of the bty were anxious for a new thrill, Adventure Training. Exercice "PAGAIÉ HEUREUSE II" was a canoe exercise testing physical and mental endurance through the wonderful Mauricie National Park. The bty left on 12 August for a 76 Km trip by canoe including 18 Km of portage in very rough terrain. A funny story happened when Capt Brault, in a "special manoeuvre", hit Bdr Toupin's canoe. The final result, Bdr Toupin and Gnr Lafontaine went overboard and had a little taste of the cascades cold water. This year was a real challenge but next year with the mechanization and Norway, it will be even more exciting.



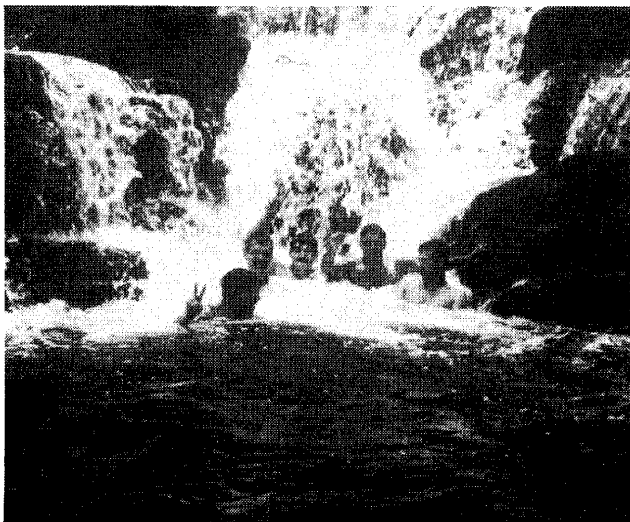
*Le principal souvenir que les artilleurs conservent de RV 85 est sans aucun doute le creusage des tranchées.*



*Les portages ont souvent mis en épreuve l'endurance physique des membres de la batterie.*



*Le Parc National de la Mauricie est un site enchanteur pour le canot-camping.*



*Quoi de mieux qu'une bonne douche au pied d'une cascade après un portage de 6 Km.*

## **LA BATTERIE R**

Malgré son jeune âge, la Bie R a suivi le Régiment au cours de toutes ses péripéties durant l'année 85.

D'abord "NEZ ROUGE" où la Bie a appris tous les inconvénients et les misères de la guerre en hiver, mais nous avons quand même su en tirer des leçons très profitables.

Puis le 12 avril, une étape très importante dans l'histoire de notre jeune batterie, le premier tir des M109. Ce moment marqua la date officielle du début de la conversion à une batterie mécanisée.

En avril, nous entreprenons l'étape majeure de l'année, "RV 85". Même si le niveau des activités fut intense, le personnel de la Batterie R a toujours su garder un bon moral ainsi qu'un haut niveau de compétence. C'est ainsi que le Sgt Vaugois remporta la compétition de tir à vue et devint le chef de détachement pouvant arborer avec honneur le fanion du Commandant. RV 85 a permis à la Bie de s'enrichir de l'immense expérience d'une concentration d'entraînement de cette envergure.

In November, the battery sponsored a visit by employees of Canada Arsenals. It was, indeed, very interesting to talk with people making our ammunition. A real meeting between the makers and the users. Certain employees with over twenty-five years with the Crown corporation had never seen the firing and the effect of their product, which they work on day in and day out.

Some of them had the opportunity to fire the guns and the impression was shared between amazement and fear. Various types of missions and ammunitions were fired to give the visitors a little taste of the gunner trade, everyone left the Regiment delighted. This day was also significant because we fired the last 105mm round down range on the morning of 28 November, the next round fired by the Regiment will be 155mm.



*Des gens refroidis par la température mais bien heureux de leur journée auprès des artilleurs de la Batterie R.*



*Des visiteurs prêts à entreprendre une journée à l'extérieur.*



*Un des travailleurs s'initiant au fonctionnement du laser.*

## LA BATTERIE V

Quatre exercices majeurs, une passation de commandant de batterie et trois cours régimentaires ont bien rempli l'itinéraire de l'année pour la Batterie V.

La Bie V débuta l'année dans la région des Bois-Francis avec l'exercice NEZ ROUGE. Beaucoup de misères qui resteront longtemps gravées dans notre mémoire, mais surtout beaucoup d'expériences sur les manoeuvres hivernales.

After NEZ ROUGE, 35 members of the bty left Valcartier for Exercice OCCUPATION FACTICE II with 129 AAD Bty in Germany. The aim of this exercise was to familiarize our gunners with their role in support of CFE. NBCW training was a big part of that exercise and everyone came back better soldiers for the experience.

Aussitôt revenue de l'Allemagne, les préparatifs pour RV 85 débutèrent et le 24 avril nous nous retrouvions à Wainwright pour le plus grand exercice des deux dernières années. Le fait marquant de RV 85 fut sûrement l'Exercice "MAPLE FLAG" qui se déroulait à la BFC Cold Lake. Trois sections de Blowpipe (71-72-73) se sont alors déplacées pour se déployer autour de la piste d'atterrissage. L'exercice dura quatre jours et nos 12 détachements ont pu engager des centaines d'appareils de toutes sortes.

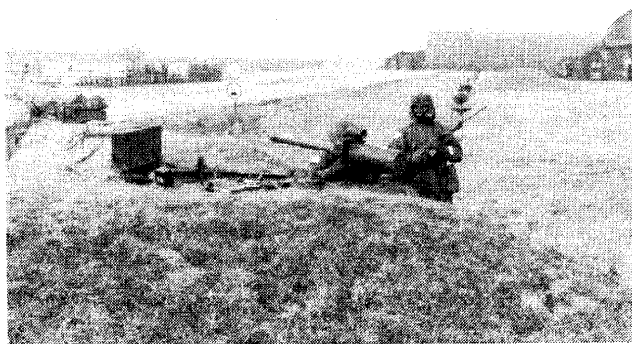
Ce fut une expérience sans pareil, pour nos artilleurs, de pouvoir poursuivre un nombre si varié d'aéronefs. Ce fut également une excellente opportunité de pratiquer physiquement nos talents pour l'identification d'aéronefs.

Then we were back to Valcartier for all the change of command parades, with our new BC, Maj Richard.

In October, the bty went to Gagetown to complete the live firing of Blowpipe missiles and support two air defence courses. During this exercise we had the opportunity to meet representatives from all the Canadian Air Defence units, thus renewing the feeling of belonging to a regimental family.



*NEZ ROUGE 85: Quels souvenirs!*



*Déploiement de la Bie à la BFC Lahr, en Allemagne de l'Ouest.*



*Un critère primordial avec la 129 AAD Bty, l'entraînement GNBC. Quelques membres de la Bie "V" reçoivent de l'instruction sur l'équipement NBC.*



*Un des préparatifs en vue de RV 85. Les membres de la Bie "V" se font inspecter par le GCmdt du 5e GBC, le Bgén J. T. Liston.*

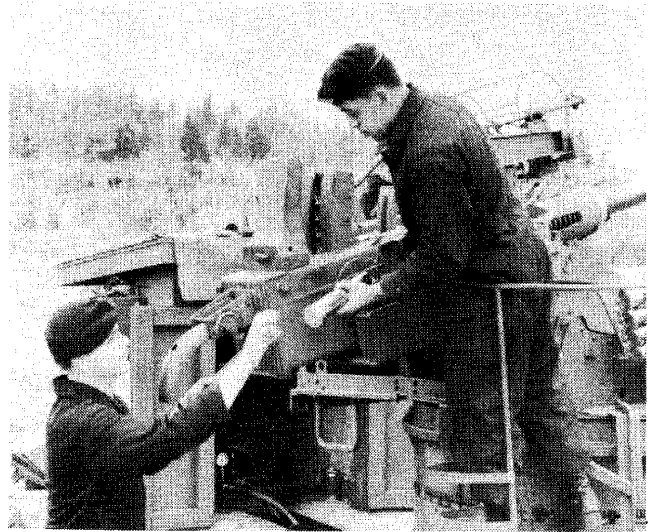


*RV 85: Bien que certain déploiement était difficile, aucun déploiement était impossible. Le Bdrac Monast que l'on voit, démontre l'ingéniosité de la Bie "V".*





La Bie "V" formait la garde d'honneur pour le Général Thériault lors de sa visite durant RV 85.



Un des trois cours régimentaires dont la Bie V était responsable: le cours de canonnier 40mm Boffin niveau élémentaire. L'Art Jacques (gauche) et l'Art Diaz (droite) pratiquent le maniement des munitions sur le Boffin.



Défilé des détachements de missile blowpipe lors du Droit de Cité le 9 juillet 1985.



Changements de Comdt de Bie: le Maj A. Richard CD (gauche) regarde le Maj Lemieux CD (assis) qui transfère la Bie V de façon officielle au Maj Richard. Le Comdt du 5e RALC, le Lcol R.A. Dallaire (droite) témoigne de ce changement de Comdt de Bie.

#### LA BATTERIE ETAT-MAJOR

Il semble bien que personne ne soit vraiment conscient du rôle important que joue la Batterie d'Etat-Major au sein d'un Régiment d'Artillerie. Pourtant la batterie a participé à tous les exercices et a donné le support nécessaire à la réalisation de toutes les activités opérationnelles logistiques ou administratives du Régiment.

D'abord NEZ ROUGE, où nos mécaniciens ont réussi à maintenir en opération notre flotte de 180 véhicules sous des températures de -30°. Puis la batterie a livré une bataille sur trois fronts, supporter un exercice régimentaire, l'inspection annuelle de la Brigade et le départ du Régiment pour RV 85.

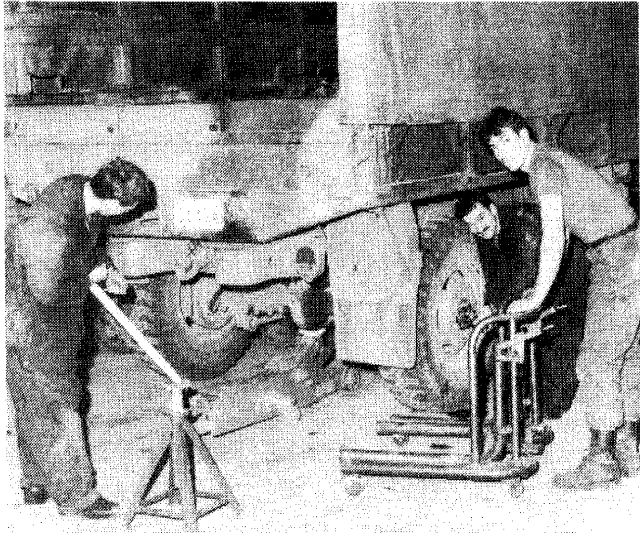
Pendant RV 85, la Batterie d'Etat-Major a réussi à approvisionner le Régiment pendant deux mois en carburant, nourriture, naphta, pièces de rechange et équipement de toutes sortes. On dit BRAVO si un plan de feu est à temps et que les cibles sont neutralisées. Dans ce cas-ci, la batterie était à temps et a rencontré tous les besoins opérationnels du Régiment, "BRAVO".

Back from RV 85, the battery was involved in "Droit de Cité de Québec", a Brigade change of command and a regimental change of command parade. After six months on exercise and about 14,000 rounds later, we were granted three weeks of well deserved leave.

Then in September our busy life restarted. The new BC, Maj Hidiroglou, began his new function by Exercise "PETITE MERE VII" at CFB Gagetown. This exercise was to support the militia during their practice camp where we had the privilege to be visited by the Colonel Commandant, BGen W.W. Turner, CD.

Prior to the mechanization, the bty supported the biggest regimental school in the history of this Regiment. The fall regimental school comprised the following courses: 4 gunners M109, 3 x driver M109, 3 driver tracked, 2 driver wheeled, 1 basic technician, 1 OP technician, 1 basic communicator, 1 blowpipe operator, 1 gunner Boffin and 3 TQ3 courses. What a challenge!

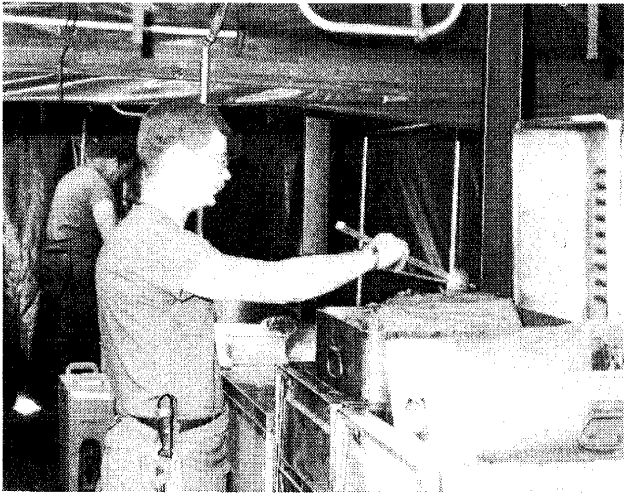
In November, the big event finally happened, our first M109A3 arrived and this meant long hours to support the transition to a fully mechanized regiment.



*Un travail d'équipe est nécessaire quand il faut travailler sur un MLVW.*



*La section du Bureau Régimentaire est prête pour la revue du Gén Cmdt.*



*Nos cuisiniers, durant RV 85, nous ont fourni des repas exceptionnels.*



*Durant RV 85, le sous-officier de la finance du régiment, le Cplc Ladouceur prend cela au sérieux.*



*Le BGén Liston, Gén Cmdt du 5GBC inspecte la Troupe des Signaleurs sous l'oeil attentif du Lcol Dallaire.*



*Ex NEZ ROUGE, l'OPCR soit le Capt Grossinger, semble rêveur — "Mon équipe est prête pour RV 85".*

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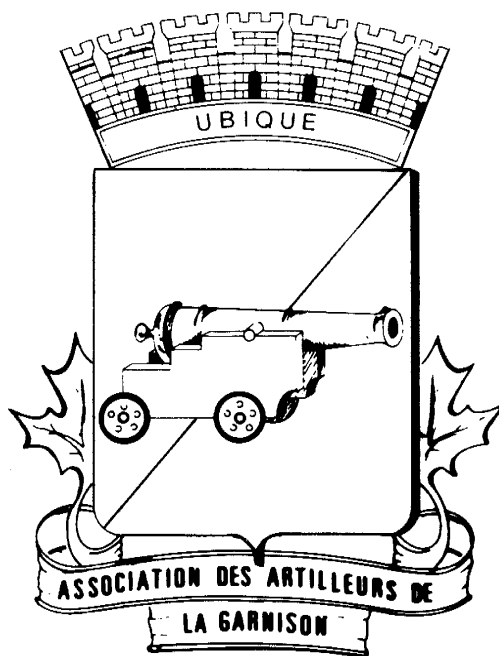
Beaucoup d'étapes ont été franchies, mais il reste encore beaucoup à faire. Pour cela, nous avons besoin de la participation de tous les artilleurs et nous sollicitons votre adhésion à Votre Association; en communiquant avec votre bureau régimentaire ou directement à l'adresse suivante:

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Merci de votre participation et

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Le Président  
LCol Gustave Préaux, CD



**UBIQUE**

**“L'ASSOCIATION DES ARTILLEURS  
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## 26 FIELD REGIMENT RCA

Another busy year was had by 26 Field Regiment both in training and social events. 26 Field consists of RHQ, 71 Bty and the Band located in Brandon and 13 Bty located in Portage la Prairie.

### Ex and Trg

This year we had the opportunity of sending quite a few members of our unit on training with the Regular Force. In January and February we sent six personnel to Alaska as a FOO party in support of 2 PPCLI. We also sent 27 personnel to Exercise RV 85 in various positions. As last year, the training was highlighted with the week long exercise Limber Gunner with 3 RCHA, and the supporting of GATES (German Army Training Establishment Shilo) with their graduation exercises Black Bear. The RCAA Competition was fired in April. Other training conducted was BMT/GMT in January until April, NBCD/First Aid in February, a District CPX in March and of course, NRQS in July and August. The training was intense but everyone seemed to survive and enjoy.



Air Lift Howitzer by Chinook on Exercise Limber Gunner 8501.

### NRQS and Exercise Prairie Thunder II

This year as in the past, NRQS was again supported mainly by members of 26 Field Regiment. With students and staff, we had a total of 42 personnel working at Shilo. As well as personnel, all our equipment was used at the school. When NRQS was over we moved straight into Exercise Prairie Thunder II from 17 - 24 August. This year a bivouac area was set up in the southern part of the Shilo ranges and everything evolved around that. 26 Field Regiment had 40 personnel attend, forming one Bty and the remainder of Prairie Militia Area forming the rest of the Regiment. A winter NRQS was held October to November with 26 Field Regiment supplying 16 personnel.

### Inspections and Salutes

On 4 May 85, the District Commander conducted his annual inspection. The annual Technical Inspection was conducted by CFB Portage at 13 Bty on 29 January and CFB Shilo at 71 Bty during October. The District Staff inspections were held on 22 October in Portage for 13 Bty and on 2 November in Brandon.

26 Field Regiment did four salutes this year, all in Winnipeg. Victoria Day 24 May, Governor General visit 17 June, Dominion Day 1 July and Remembrance Day 11 November.

### Social Activities

The levee started off the year again, the mens' Christmas dinner ended it. In between, there were

occasions for the Regiment to salute the guns. We helped 116 Independent Field Battery in Kenora celebrate their freedom of the city on 1 and 2 June. We had our 37th annual military ball in November and, of course, St. Barbara's Day in December.

The year was tough and long but 26 Field Regiment struggled through and is looking forward to 1986. Till then to all gunners, from 26 Field Artillery Regiment — UBIQUE!



Manitoba Militia District Commander's Inspection on 4 May '85.



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## 116 INDEP FD BTY RCA(M)

1985 was a very busy and eventful year for northwestern Ontario's gunners. The unit conducted five live fire exercises and participated in several others in support of other units. The battery also celebrated its centennial in 1985.

### Training Activities

1985 provided a variety of training opportunities for the battery. January saw the first of three winter warfare exercises. The weather cooperated with a vengeance, as temperatures plummeted to  $-54^{\circ}\text{C}$  and winds picked up to 70 kmph at times. Despite this, by employing the proper precautions, the battery was able to construct defensive positions and conduct recce patrols without a single case of frostbite or other cold weather injury. The following two exercises weren't quite as cool, but the requirement of climbing up and rappelling down 50m cliffs during a 25 km Snow Shoe March with toboggans made them just as challenging.

March saw the culmination of the Basic Military Training Course which began in January, in an 11 day session with the recruits barracked in the armouries, and the battery's small arms qualification shoot at CFB Shilo. This shoot saw battery members firing rifles and SMG's by day and by night, with flares and starlight scopes, as well as machine guns, rocket launchers and grenades. Despite the snow and freezing temperatures, the spirits of the gunners were very high, as they even managed to make the mundane task of shoveling 2m of snow out of the butts enjoyable, by instigating an impromptu snow sculpture contest. Bdr Ivey's rendition of a "water closet" took first place by acclamation.



*The battery conducts periodic rappel training in the local area.*

No sooner had the battery returned to Kenora than it was time to head back to Shilo for Exercise Limber Gunner, in support of 26 FD Regt's Op Tasked Battery. This was followed immediately by Ex "Manitoba Midnight", the CPX for Manitoba militia district, at which the battery provided an FSCC and regimental headquarters for the Brigade Level Exercise.

In April, the battery travelled to Shilo once again for exercise "BLACK BEAR" in support of the German Army, giving us an opportunity to conduct a live fire exercise without using up our own ammunition allocation. Also in April, the battery began a TQ1 Basic Artilleryman Course, which climaxed in another exercise "BLACK BEAR" in June.

During the summer months, the unit sent a number of personnel away to courses or on staff positions, and garnered top marks on the Maj Qual Block 12 course by Capt (now Major) Lamb, the CO, and on the Senior NCO course by M/CPL (now Sgt) Paul.

When the battery resumed local training in the fall, a much larger than usual crop of new recruits started coming in the door, promising a large BMT course come January. A TQ2 Artillery Communicators course began in October, and the battery participated in Ex "RAVEN WING" a target grid procedure exercise for the non artillery units of Manitoba district.

As December rolled in, it was again time to begin winter indoctrination training amid the swirling snows of northwestern Ontario.

### Social and Ceremonial Events

The social and ceremonial year was opened with the New Year Levee, with over 150 military personnel and civilian dignitaries in attendance. This was followed in February by a salute for the opening of the Manitoba Legislature and by the 37th Annual Officers Military Bonspiel. In March the 28th Senior NCO Bonspiel was conducted. In April and May, the battery fired two salutes, for the closing of the Manitoba Legislature and for the official birthday of the sovereign on June 1, the battery celebrated its centennial in Kenora by receiving the Freedom of the City, and hosting the centennial ball. Later that month, the summer stand down barbecue hosted by the junior ranks was its usual resounding success. In June, the battery also fired a salute for the visit of Her Excellency the Governor General to Winnipeg.



*The Commanding Officer Capt. John Lamb, now Major, leads the battery to the Town Hall.*

As the autumn months approached, the unit once again resumed its busy training schedule, but still found time to provide honour guards in five locations on Remembrance Day and to host the annual Wild Game Dinner, which featured such local dishes as buffalo, moose, deer, bear, beaver, duck, fish, wild rice and assorted vegetables and desserts. A particularly successful St. Barbara's Day mixed guest night followed and the social year wound down with the traditional men's Christmas dinner.

### Personnel

1985 was a year of considerable personnel change for the 116th. The most significant change was the influx of new recruits which almost doubled the size of the unit. This increase in unit size has given all unit personnel new responsibilities and has given NCOs and Officers the opportunity to exercise their tactical skill with full detachments and troops for the first time in years.

Some key personnel also changed. Capt Dan McCuish left after two years as RSSO for the sunny climes of

Gagetown on the IG course. He was replaced by Capt Lee Spencer from 1 RCHA. The RSS Chief Clerk, Sgt Leo Perry, retired to Gagetown, and was replaced by Sgt Chuck Sinclair, who at one time served as a member of this unit. After the customary culture shock, both are settling into the unit well.

In conclusion, 116 Independent Field Battery looks forward to its second century in Kenora and wishes all gunners "GOOD SHOOTING" from the wilds of north-western Ontario. UBIQUE.

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## 119 AD BATTERY RCA

In July 1985, the Minister of National Defence authorized the formation of 119 Air Defence Battery RCA. With a stroke of a pen, the latest addition to the Royal Regiment of Canadian Artillery was born.

### HISTORY

There are not many newly formed units that can claim lengthy histories, however, 119 Air Defence Battery traces its lineage back to the Second World War. 119 Battery RCA was formed during World War Two as part of 26 Field Regiment RCA. The battery was declared operational in October 1942 at Camp Debert, Nova Scotia, as part of the 7th Canadian Infantry Division. In 1943 the battery was stationed at Sussex, New Brunswick, and later that year was moved to Tracadie, New Brunswick. In November of 1943 the battery was de-activated.

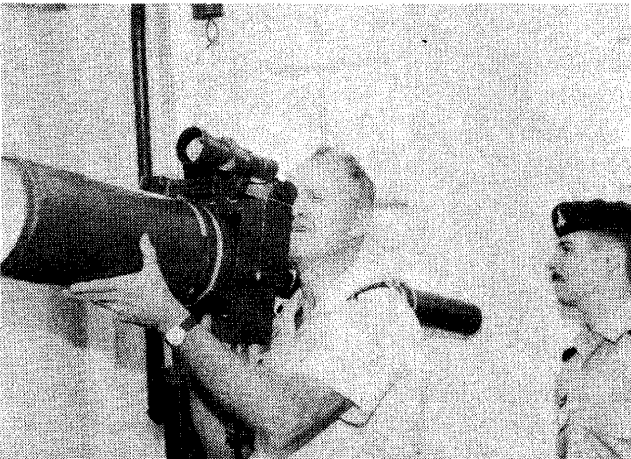
In August 1950 the battery was re-activated at Work Point Barracks, Victoria, British Columbia, as 119 Anti-Aircraft Battery RCA. The battery was designated as a composite anti-aircraft battery consisting of 311 all ranks with two troops of 3.7 inch anti-aircraft guns and a single troop of 40 millimeter bofors guns. The battery was redesignated in May 1954 as 119 Medium Anti-Aircraft Battery (MAA), re-equipped with 90 millimeter anti-aircraft guns and coupled with the M33 Radar/Gun control system. In 1955 the battery was again de-activated.

Thirty years later 119 Air Defence Battery RCA was established at CFB Chatham, New Brunswick, thereby re-establishing the Gunner presence in the Miramichi region.

### POSTING INSTRUCTIONS

In early July 1985, personnel from Germany and various Canadian based units were given the order to move. Posting messages began pouring in to 2 RCHA, and with a few exceptions, all 2 RCHA Air Defence Troop personnel and equipment were moved by road to CFB Chatham.

The majority of the battery was on the ground by the first week in August and was met by the CO Maj J.G.J.C. Barabe, and the BSM MWO Croucher D.R. Our first tasks were to organize our new home (an old hangar built in the early 1950's) and preparing to support the training of the Air Defence Artillery School. The hangar was repainted and reorganized in short order. The tremendous task of sorting out the equipment and ordering all necessary stores kept the BQMS, Sgt Prudhomme J.W. and his assistant, MBdr Hunter J.J., well occupied. Their personal efforts have paid off well indeed, enabling us to provide the necessary support to the School.



*BComd CFB Chatham, Col C. Randell, CD, tries out his hand at using the blowpipe trainer under the supervision of MBdr Murphy.*

### TRAINING SUPPORT

The task of supporting the Air Defence Artillery School has not been easy, since the training areas around Chatham are restricted. Exercises are usually held at the Combat Training Centre CFB Gagetown, a distance in excess of two and one half hours driving time. The route to and from CTC is indelibly engraved in the minds of all drivers. The high mileage nature of these taskings takes its toll on our well used 5/4 ton vehicle fleet, but to date our safety record remains excellent.



*Bdr Baudry, a member of the battery vehicle maintenance team, preparing one of the vehicles for inspection.*



*Gnrs Orban and Bilsborrow performing driver maintenance.*

This accomplishment is due to driver awareness and close supervision exercised by the MT NCO, MBdr Cusson J.R.A. By the end of this year it is expected that the total time and mileage spent for training purposes will be astronomical. The wealth of experience gained by the gunners while supporting the Blowpipe Detachment Commander, 6A, Section Commander and 6B Courses has indeed been most beneficial.

### ACTIVITIES

The battery was involved in many activities since its arrival at CFB Chatham. Most notably, the inaugural parade held on 11 September 1985. The parade was commanded by LCol H.P. Mundell, Commandant of the Air Defence Artillery School, and reviewed by the Commander FMC. Once the march past was completed, the official documents recognizing the reactivation of 119 AD Bty RCA and the formation of the Air Defence Artillery School were signed, officially re-establishing a gunner presence in the Miramichi region.

The battery later participated in the Great Miramichi Raft Race, an annual event which attracts entries from as

far away as Toronto. There were close to 100 rafts entered and the winner, the LLAD Lobster, crewed by officers of the school and the battery, captured first place in the speed category. The gunner's team from the battery enjoyed itself so much that nobody knows where or when they finished the race.

In September, the battery held its first annual family day at Middle Island Park just outside Chatham. The event, organized by Sgt Randell H.A., was a resounding success. Families got acquainted with each other and enjoyed the fine food and company.

The battery also participated in the Terry Fox run. The sight of combat soldiers "force marching" the ten kilometer route through the town of Chatham, an event in itself, brought out many spectators. The battery pennant was seen flying for the first time.



*The entire Battery participating in the annual Terry Fox Run.*

In October 1985, V Battery 5RALC, with elements from 128 and 129 AAD Batteries and 1 RCHA AD Troop paid a visit to the battery. The visit wrapped up the live firing practises at CTC Gagetown and gave the gunners a chance to view a future posting prospect. A sports day followed by a barbeque kept the gunners occupied and all too soon they returned to Gagetown.

This Christmas the gunners were invited to the base Christmas dinner. The air force maintains a similar tradition as ours and the gunners enjoyed the company of their air force counterparts.



*Sgt Randell and the SMIG serving the gunners during the base Chatham Christmas dinner.*

### **BATTERY EXERCISES**

In addition to the many taskings from the school and base, including guards of honour, stocktaking boards, and of course duties, the battery prepared itself for its first exercise, appropriately named "FIRST STEP". The exercise included annual classification on small arms and support weapons training. The battery set up bivouac at Hersey corner and enjoyed the cool November air and the excellent company.



*119 AD Bty during its first field exercise at CTC Gagetown — November 1985.*

At the time of writing the battery was preparing for exercise Snowy Owl. This exercise was designed to reacquaint the gunners with the joys and hardships of winter indoctrination and warfare. The air-ground range at Tracadie was selected as the location for this week-long exercise.

### **COURSES**

In addition to our many taskings and exercises the battery also found time to send candidates and instructors to a number of courses. MBdr Kamckey P. packed up and went to CTC as an instructor on the Combat Leader Course. Bdrs Simms G. and O'Malley S. were nominated as candidates for the same course. Bdrs Bourque D. and Morin D. attended the aerial operator course to become qualified aces. MBdr Turcotte attended the First Aid instructor course; MBdr Houghtling, the Combat Intelligence Mens course; MBdr Cusson, the Mobile Support Equipment Supervisors course; and MBdr Babin, the Cross Country Ski Instructors course.



## PROMOTIONS

Congratulations to the following 119 AD Bty personnel on their promotions to the indicated rank:

Bdr Hunter  
Bdr Beausoliel  
Bdr Carpenter  
MBdr Butt  
MBdr Postill

## CONCLUSION

The fact that the battery had just been organized had little effect on the number of taskings it was expected to take on. The short time frame between our arrival and the completion of our first battery exercise meant that a lot of extra hours were put in by all personnel. There was a lot accomplished in a short time, and we are looking forward to more challenges in the future, in particular the receipt of the new weapon systems and our new operational role. The battery expects to increase in size by the next active posting season and is looking forward to welcoming the additional personnel to the home of the "Miramichi Gunners".

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## 128 AAD BTY



### INTRODUCTION

1985! What a year! To be able to put on paper all the events which took place in the unit during these 12 months would take another year. We've come a long way since 1975. With the new Low Level AD project in full swing, motivation is at its peak and morale couldn't be better.

### THE YEAR

"SUCCESSFUL" has to be the appropriate word for 85. At 31 strong with the new CO, Capt R.R. Poirier commanding, the Bty has been kept busy fulfilling its role and maintaining an active training schedule of courses and exercises, not to mention its involvement in demonstrations, parades and visits.

### TRAINING ACTIVITIES

Tactical Evaluation in the spring was very demanding. You never seem to start training too early. Starting in January the Bty was busy training all personnel, including 22 War Task Assigned (WTAs), in all aspects of Airfield Air Defence and survival on the battlefield.

Monthly Starfighter Exercises are designed to practice personnel in preparation for our yearly NATO and National Tactical Evaluations. The evaluation teams are composed

of experts in all aspects of airfield operations and the results from these exercises are most beneficial to our learning process. We worked hard and strived for perfection. With this in mind our ability to survive on the battlefield will no doubt be enhanced. So at least once a month, in the early hours, if you have the opportunity to visit Baden, be careful not to fly over the AD Gunners without proper identification!

### OTHER TRAINING

The Battery had its usual annual training on small arms and this year had the opportunity to fire the M72 rocket launcher in Bergen-Hohne with 2 PPCLI. A long trip but a worthwhile event.

Also in November, Sgt Lee and his Blowpipe Troop went off to Canada to fire Blowpipe. "Can't wait for the new equipment to arrive" was the only printable comment after their return.

The Battery also held its annual "Rally-O" Exercise Watchful Eye, which consisted of two days of events. Day One was designed to practice Bty personnel in driving/map using skills through a challenging 95 mile course of German terrain, and Day Two gave the drivers a chance to really display their driving techniques; changing tires, camouflaging and manoeuvring through several difficult obstacle courses. The results were evident! If you require a skilled driving team, you can't go wrong choosing MBdr Kolter and Gnr Miller.

## VISITS

Just as we were getting over the festive season, the Base Commander, Col D.F. McIntosh, inspected the Battery in January. He was thoroughly satisfied by the operational status of the unit.



*Col McIntosh inspects the battery.*

## PARADES

Many parades and inspections took place in 1985, but the most noteworthy had to be the Change of Command parade on 12 Jul 85. Capt W.D. McRobbie, CD turned over the command of 128 AAD Bty to Capt R.R. Poirier, CD, with Col D.F. McIntosh, CD, as reviewing officer. The parade was followed by a reception which provided the opportunity for the Battery to say good-bye to the old CO and welcome the new.



*Capt R.R. Poirier CD officially takes over command of the Bty from Capt W.D. McRobbie, CD, as Col McIntosh, CD, and BSM Merlin look on.*

## COURSES

Individual training remains a priority, and in 1985 the Battery was able to get the optimum number of gunners on courses. As such the following were qualified: MBdr Trask, MBdr Cray and MBdr Martin as Boffin Det Comds; Sgt McEwan and Bdr Wog successfully completed the Basic French Course; MBdr Trask and MBdr Wittebolle became First Aid Instructors (and very dramatic make-up artists); MBdr Frigault topped the Blowpipe Det Comd Crse; Gnr Rollin passed the Basic Blowpipe; Gnr Neil and Bdr Penney successfully completed the CLC; MBdr Wittebolle became 6A qualified in Gagetown; and last but not certainly not least Sgt Rosenberg (newly promoted while on course) deserves kudos for his outstanding effort in topping the 6A course.

The Bty also conducted a Basic Boffin Course qualifying Bdr Smienk and Gnr Miller with Gnr Loretto as

top student. So all in all it was a busy year for these individuals, the results indicating a lot of ability and hard soldiering.

## VISITS

In Feb the Director of Artillery Col D.B. McGibbon, CD, visited the unit. He was greeted by a quarter guard followed with a briefing, then went on to a reception which gave all the Bty personnel the chance to express their views on upcoming AD events.



*Sgt Lee, Guard Commander, escorts Col D.B. McGibbon, CD, during the quarter guard inspection.*

Also in Feb the Bty welcomed the Air Defence Command and Control Course (C<sup>2</sup>) from Gagetown. Capt Ron Jarrett (IG) was pleased to have his course personnel tour the Bty.

In Oct the Col Comdt BGen (Retd) W.W. Turner, CD took time off from a busy schedule to visit with both 128 and 129 AAD Bty personnel at CFB Baden. Upon his arrival at 128 AAD Bty, the Col Comdt was greeted with a quarter guard comprised of 128 and 129 AAD Bty personnel commanded by Sgt Plemel L.B. of 128 Battery. Both COs had the opportunity to discuss current and upcoming Arty events, followed by a small reception at which the wives had the pleasure of meeting and chatting with Mrs. Turner. All in all it was a pleasant and worthwhile occasion.



*BGen (Retd) W.W. Turner, CD, assisted by Sgt Plemel L.B. Guard Commander, inspects the quarter guard.*



BGen (Retd) W. W. Turner, CD, signs guest book as Capt J.E.J. Lord, CO 129 AAD Bty and Capt R.R. Poirier, CO 128 AAD Bty look on.

### PROMOTIONS

1985 was quite a fair promotion year. Our hearty congratulations are extended to: MBdr Trask and MBdr Gabriel - 25 Feb 85; MWO Merlin - 2 Jan 85; MBdr Kolter and MBdr Frigault - 26 Jun 85; Bdr Smienk - 1 Oct 85; Sgt Rosenberg - 22 Aug 85; and something worthwhile thinking about for those career minded Gunners! Gnr Pirzek was promoted to Bdr on 3 Sep 85 and for his hard work and dedication was promoted to MBdr less than 2 months later.



Capt McRobbie presents MWO Merlin with his new badges of rank.

### PERSONNEL

Our losses included the following personnel:

|                      |             |           |
|----------------------|-------------|-----------|
| Capt W.D. McRobbie   | NDHQ        | 12 Jul 85 |
| Lt S.D. Cowan        | 3 RCHA      | 1 Sep 85  |
| WO Habing K.R.       | CFB Chatham | 7 Aug 85  |
| Sgt Germain R.J.     | Lahr        | 17 Jul 85 |
| MBdr Carnegie G.L.   | Cornwallis  | 23 Jun 85 |
| MBdr Houghtling M.R. | CFB Chatham | 17 Jul 85 |
| Bdr Graham J.H.      | CFB Chatham | 6 Aug 85  |

Our gains were as follows:

|                    |              |           |
|--------------------|--------------|-----------|
| Capt R.R. Poirier  | CTC Gagetown | 21 Jun 85 |
| WO Hamelin J.      | CTC Gagetown | 6 Aug 85  |
| Sgt Rosenberg C.J. | 3 RCHA       | 7 Feb 85  |
| Sgt Riordan M.P.   | 2 PPCLI      | 17 Jul 85 |
| Gnr Rollin         | CTC Gagetown | 8 Jul 85  |
| Gnr Loretto        | 3 RCHA       | 10 May 85 |
| Bdr Angle          | 1 RCHA       | 1 Dec 85  |
| Gnr Austin         | 1 RCHA       | 1 Dec 85  |
| Gnr Miller         | 3 RCHA       | 1 Sep 85  |

The Battery was saddened by the sudden death of Gnr MacDonald R.B. who passed away on 10 Feb 85. He was a good soldier who is deeply missed by all members of 128 AAD Bty.

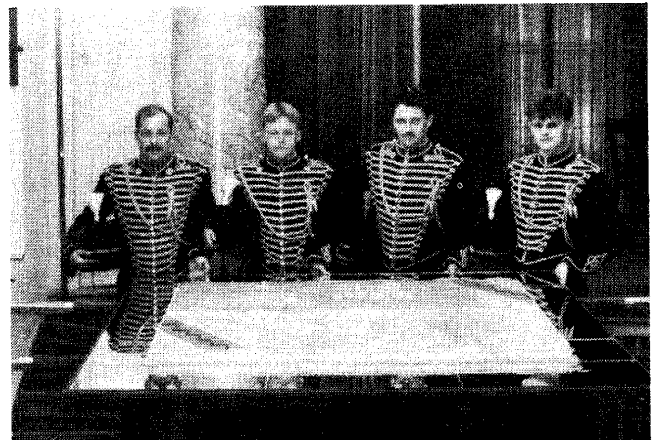
### SOCIAL

The usual Mess Dinners, Bosses Night, Rotation Dance, Sports Events between 128 and 129 Bty, and Christmas Dance took place in 1985. However the most memorable of all social events had to be 128 and 129 AAD Bty's Tenth Anniversary of reactivation — 10 Jul 85. Both Airfield Air Defence Batteries united their efforts in order to properly celebrate the official reactivation of air defence in the Canadian Forces and within CFE.

A three-day weekend was selected to hold the celebrations. We united and prepared for these events which were conducted on 5-6-7 July 85. The first get together was on the afternoon of Friday the fifth when sports competitions were held. With our banners flying high the events went like clockwork. From 100 M and 200 M dashes (carrying a Blowpipe), to the imperial chariot race and finally to the Battery and CO/BSM's Tug of War, all went well with, of course, 128 AAD Bty walking away with the well deserved trophy.

Then on Saturday, 6 July, 128 Bty hosted a Dinner and Dance with the Base Commander, Col McIntosh, as guest of honor. After cocktails, everyone enjoyed a rather superior schweinfest. A good band provided the music and entertained us during and after supper. Col McIntosh addressed us and then cut the infamous birthday cake which gave so many headaches to WO Habing. It was 6' by 4' but of course, the largest door of the gasthaus was 32". Don't ask, but the cake made it in one piece — "red over blue".

On Sunday, in order to recuperate, what better than a Rhine Cruise? "No one got sea sick!" All in all it was a fun-filled weekend which will be long remembered.



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**WRAP UP**

128 AAD Bty is looking forward to the challenges of 1986. It appears as though it will be as busy and demanding as preceding years. We're looking forward to the arrival of the new equipment and a promising future in Air Defence.

We sincerely hope that you have enjoyed reading our account of the year 1985. To all Gunners — Good Shooting in 1986.

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 Terrible!  
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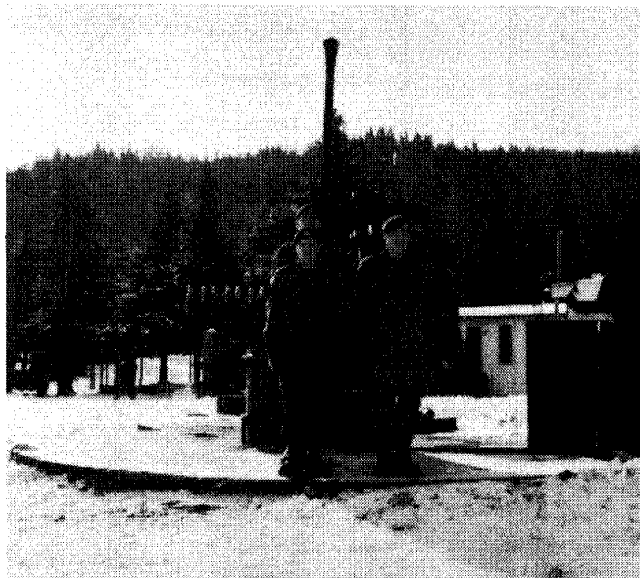
## 129 AIRFIELD AIR DEFENCE BATTERY

Voilà 10 ans que la batterie fut ré-activée suite à la ré-installation de la défense aérienne au sein du Régiment Royal de l'artillerie. Cette dixième année bien remplie se retrouve au milieu de pourparler d'élaborations des systèmes de défense aérienne. L'évolution a continuée de plus belle et en voici les principaux événements.

Les activités se sont succédées sur le plan opérationnel, à l'entraînement et aux divertissements. Un nombre inégal de visiteurs de marque a souligné cette année. La liste est assez longue mais il mérite de souligner les principaux visiteurs.



*Une promotion à bombardier très populaire. Bdr/C Travers avec l'aide des artilleurs Masterson et Labelle félicitent le bombardier Spencer. A popular promotion. MBdr Travers helped by Gunners Masterson and Labelle congratulate Bdr Spencer.*



*Le détachement du Bdr/C Fortin qui a abattu un TATS 50 à la BFC Valcartier en novembre. Le bdr Cloutier "chargeur" et l'art Henry "the killer".*

### VISITEURS

Le Colonel Commandant, général W.W. Turner a eu l'occasion de rencontrer les membres de l'unité conjointement avec la 128 AAD à Baden. Une belle journée un peu fraîche mais remplie de visages radieux.

Le directeur de l'artillerie, le col McGibbon nous a aussi payé une visite tôt durant l'année et a su aiguiser nos appétits concernant le projet LLAD. Quelques semaines

plus tard, la liste des trois derniers concurrents fut dévoilée.

Nul autre qu le Ministre de la Défense Nationale, l'honorable Erik Neilson est venu fouler le sol de la section #2 de Boffin. Après sa randonnée en CF-18, cette visite l'a sûrement convaincu du besoin de nouvel équipement.



*Bdr Lavoie et Lépine lors de quart de garde en l'honneur du colonel commandant.*

*Bdrs Lavoie et Lépine in the Quarter Guard in honor of the Colonel Commandant.*



*Le Bdr/C Lévesque indiquant ses arcs de responsabilités à nul autre que le ministre de la Défense, l'honorable Erik Neilson.*

*MBdr Lévesque describing his arcs to nobody else but the honorable Minister of National Defence Erik Nielson.*

Parmi les autres dignitaires, nous comptons le général Schmidt, commandant FOURATAF; le vice-chef de la Défense nationale le vice-amiral Brodeur, le commandant du commandement aérien le Igen Manson et le mgen MacFarlane.

Si vous désirez vous joindre à cette impressionnante liste de nos visiteurs, ne vous gênez pas et venez nous rencontrer.

### MINI-OP PENDANT

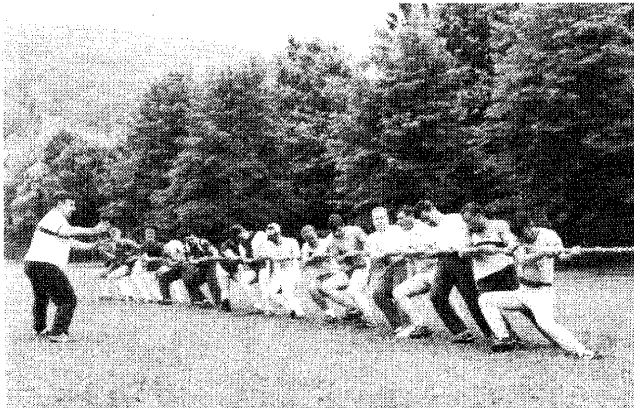
Les deux premières semaines du mois de mars ont vues la batterie se gonflée de 35 membres de la batterie V du 5 RALC. Ces derniers ont eus l'occasion de mettre en pratique leurs connaissances au sein du contexte européen.

Plusieurs heures ont été passées à l'intérieur des habits GNBC et l'entraînement de premier soin en a impressionné plusieurs par son réalisme. Parlez-en au mécano qui accompagnait la troupe. Il a presque joint le rang des invalides.

Profitant de leur séjour dans la vallée du Rhin, une

courte et rapide visite fut faite au site de la bataille de Verdun et à l'ouvrage de MAKELBERG de la ligne Maginot. Cette ligne de défense impressionnante nous a rappelé les plaisirs rencontrés par les artilleurs de campagne.

Les deux semaines furent pleines de travail et de dégustation de houblon. Une belle occasion de rénover nos liens.



*L'équipe de la 129 à son meilleure lors de la journée sportive du 10e anniversaire.*  
129 team at its best during the 10th anniversary sport day.

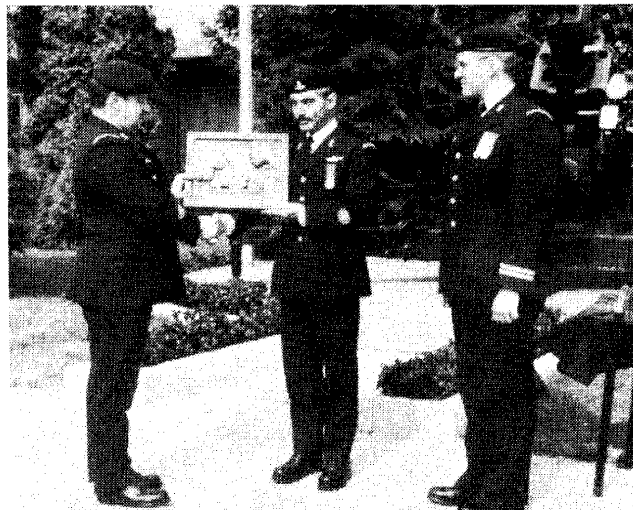


*Déjà 10 ans. Le col McIntosh, commandant de la BFC Baden-Solingen coupe le gateau en présence du capt W. McRobbie, comdt 128 AAD et du capt JEJ Lord, comdt 129 AAD.*  
10 years old. Col McIntosh, base commander CFB Baden-Solingen cuts the cake witnessed by Capt W. McRobbie, CO 128 AAD and Capt JEJ Lord, CO 129 AAD.

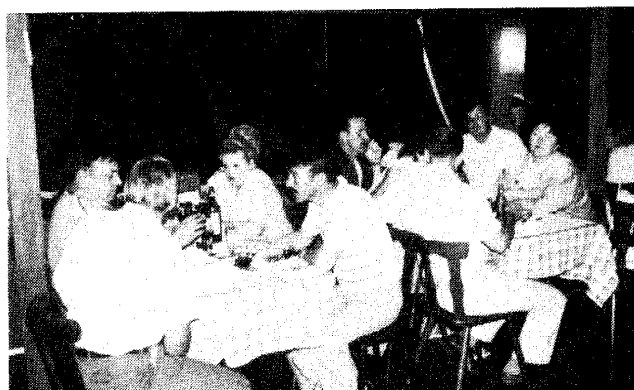
## SECURITÉ

Les actes de terrorisme que vous lisez paisiblement sur les journaux au Canada ont ammenés une augmentation du niveau de la sécurité de la base de Lahr. Etant les seuls représentants des armes de combat à Lahr, si on n'inclus pas la 4e Brigade, notre participation à la sécurité a été des plus représentatives.

En plus des tours de gardes, on a eu l'occasion de voir les membres de la batterie déguisés en policier et dirigeant la circulation à la porte principale.



*Le nouveau SMB, Adjum Tremblay remet une sculpture au SMB sortant, l'adjum Lévesque. Le capt Lord assiste à la présentation.*  
The new BSM, MWO Tremblay presents a souvenir sculpture to the ex-BSM, MWO Lévesque. Capt Lord looks on.



*Le croisière sur le Rhin, quand le vin coulait encore à flot.*  
The Rhine Cruise when wine was still available.

## 10 ANS

L'événement non-opérationnel le plus marquant fut sans contredit celui des célébrations de notre dixième anniversaire de ré-activation lors de la fin de semaine du 5-6-7 juillet.

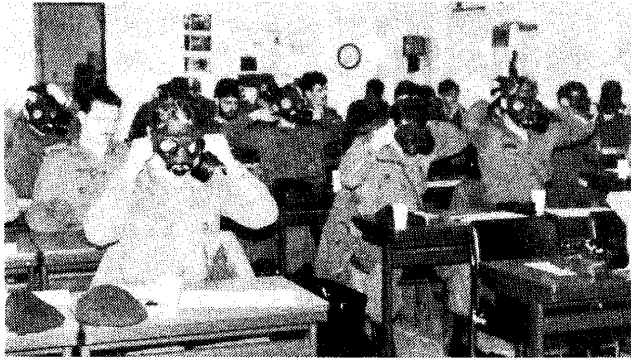
Le tout a débuté par une confrontation sportive amicale avec nos jumeaux de la 128e AAD. Malgré tous nos efforts, mais conservant le dignité de bons hôtes, la 128 remporta les honneurs. Tous se rappellent de la course impériale mais surtout de saut de l'ange inversé avec vrille simple qu'à effectué le CO au cours de la course.

Cet après-midi sportive fut conclue pour un souper-dansant où plus de 200 personnes ont continué à travailler aussi fort que l'après-midi, si on en juge la sueur qui y a coulé.

Le samedi a vu un déjeuner-canadien au champagne au sein d'un décor pittoresque dans la parc de stationnement de l'unité. Les corps y étaient mais l'esprit recherchait Morphée.

En après-midi, nos épouses et amies ont revêtues l'uniforme et furent familiarisées avec les plaisirs des opérations. Finalement, la soirée avec la 128 dans une Gasthaus locale compléta la journée.

Quoi de mieux pour les moeurs que de faire une croisière sur le Rhin pour compléter le tout. Beaucoup de danse, de vin et de bière au début, mais seulement de la danse à la fin... Ces célébrations étaient de haute qualité et on bien marqué nos 10 ans.



"Gaz, gaz, gaz" encore une fois. Les 35 membres de la batterie V goutent au sérieux de la guerre NBC en Europe.  
 "Gas, gas, gas" again. The 35 members of V Bty exposed once more to the seriousness of the NBCW threat in CFE.



Le "col" Henry commandant de la base au dîner de Noël surveillant le col Remy Saulnier au travail.  
 "Col" Henry base commander supervising Col Remy Saulnier at work.



Les Bdr Cloutier et Ouellet "dormant" au travail comme victimes d'un exercice d'écrasement à Lahr.  
 Bdrs Cloutier and Ouellet "sleeping" at work during a crash exercise at Lahr.



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*sont fiers de saluer  
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*de Ste-Barbe*

*et de citer la devise*

*que LOUIS XIV avait*

*fait graver*

*sur ses canons*

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## ARTILLERY SCHOOL

The year 1985 was far from being typical for the Artillery School, not that the School has ever had a typical year. The Corps' continued expansion was paralleled by an increased demand for trained soldiers with both basic and advanced qualifications, which taxed the School's resources to the maximum. For the soldiers of W Battery this meant lots of field time, with most of them getting up two hours before they went to bed, and then greeting themselves coming out of the field as they went to work in the morning. But if you work hard, then you've got to play hard and School members needed no encouragement there. The Gunners hockey team took their divisional title in the Base League and lost a hard fought final series against 2 RCR in some penalty-marred games.



*WO Frank Ripley (Coach), WO N. Fournier, Sgt Terry Wood, Capt Alan McIntosh, Sgt Dave Porter (Asst Coach), Capt Jim Petryk, Bdr M.C. Charron, OCdt Jeff Johnson, WO Ernie Watts, Gnr J.G.F. Rolland, Bdr Donny Oftedal, Gnr Christian Robert Lauzon, Maj Dave Krauter (Mgr)*

**Front Row L to R**

*Gnr Mike Lloy, Sgt Mike Louvelle, WO Eric Dwyer, MWO Norman "Ducky" Walker, WO Jerry Jackson, Gnr Richard "Albert" Cave, Bdr Dan Carroll*

Some outstanding goal-tending by netminder Bdr Dan Carroll for both the School and Base teams frustrated many an opposing player throughout the year. Bdr Carroll has since left the CF and is a goal-tending coach and scout with the Guelph Platers of the OHA. In the CTC Commander's Cup Competition the School placed a respectable fourth, missing the third place spot by only one point. Strong individual performances were posted by Gnr Pinard in the Base Harrier, placing second out of approximately 200 runners, and by the School table tennis team who won the Base championship in their event.

The annual senior NCO-Officer and Gnr-Bdr Hockey games made for spectacular on ice action in mid December. The officers, bolstered by imports Maj Dennis Hall (RA), Capt Heinz Mueller (RAA), Capt Dave Evans (RAA) and CPT Steve Daniel (US Army), who had purportedly been posted here on exchange because of their hockey skills, lost a close game to the Senior NCOs. The officers appealed the decision citing the partisan

refereeing of WO Jackson but to no avail; the final score stood, 6-5. The Gnr-Bdr match was an intensely played game ending in a winning decision for the Gunners.

The School social calendar filled up the spots left empty by training demands through various unit and course smokers, dining-ins, luncheons and general revelry throughout the year.



*Sgt J.L. Theriault serves up some Christmas cheer during the Annual Mens' Christmas Dinner.*

More notable events included a mid-summer mixed-ranks Bar-B-Que and dance, an all-ranks St. Barbara's Day dance and a St. Barbara's Day Happy Hour co-hosted by the Gunners and Engineers on Base.

In 1984, in keeping with St. Barbara's Day celebrations, a tradition was born between the Naval Gunners of the Fleet School, Halifax, and the mud gunners of CFB Gagetown involving the exchange of personnel for the purpose of a gunnery competition. In 1985, the tradition continued with the "swabbies" travelling to Gagetown in mid-July and School members making the return visit to the Osbourne Head Naval Gunnery Range, in December. The group of wayward sailors, led by Capt (N) Davies, Commandant of the Fleet School who travelled to Gagetown, soon found themselves "taking post" on the M109 and C1, and firing both 12 gauge shotguns and 50 calibre machine guns in the air defence role. Associated social events with the Naval visit included the bending of elbows, the swapping of lies and the comparing of tattoos. The School's return trip to Osbourne Head was led by LCol L.A. Branum and the SMIG, CWO Gene Brown, and saw a determined team of Artillery officers and Senior NCOs distinguish themselves well. Both events ended in ties, and many promises were made for more of the same for next year. One can only hope that the Navy's St. Barbarian (see photo) continues to attend and inspire at these gatherings.



*St. Barbarian, patron saint of beer swilling and tattoos.*

Perhaps the year's most important event for the School as a whole, and indeed important to the entire Corps, was the handover of command of the air defence elements of the Artillery School from the Commandant to LCol H.P. Mundell, marking the formation of the Air Defence Artillery School, now making its home in CFB Chatham.



*The Director, Col D.B. McGibbon, returns a salute on the parade marking the passage of command of the Air Defence elements of the Artillery school from LCol L.A. Branum to LCol H.P. Mundell.*

We still see our "cloud-punching" brothers from time to time when they conduct Boffin and Blowpipe practice camps, and portions of their courses in Gagetown. The Air Defenders are still represented in Gagetown by the Air Defence Section which continues to occupy building H-12.

Other changes of note in the School included the promotion of LCol M.B. Morrison, who then left his position as Cig to attend French training. Maj Bernie Saunders arrived at the School in July, formerly being BC U Bty, 3 RCHA, to take over the vacant CIG's spot. Maj Doug Lockridge arrived in Gagetown in August 1985 after a lengthy exchange posting as the Canadian Artillery Liaison Officer at Fort Sill, Oklahoma. Maj Lockridge is readjusting well to Canadian life and very little trace is left of his mid-west drawl. Barry "Bambi" MacLeod's promotion in July made him the youngest (looking) Major in the C.F., and he is now the course IG of the IG course. Former Adjutant, Capt Brian Travis fell two floors to the IG classroom without injuring himself, but unwilling to relinquish command, was accordingly appointed class senior. His replacement, Capt Doug MacLeod, came on strength in July after being RSS in Regina for three years. Capt MacLeod has since made his presence felt (and heard) through the drone of his pipe on various occasions. Other key positions experiencing a turnover were the Chief Standards Officer's spot, taken over by Capt Gary Woloski, fresh off course from Royal Military College of Science, Shrivenham, from Capt Lloyd Sherrard, who now spends his time in liaison with the US Army Field Artillery in Fort Sill, and the training cell was taken over by Capt Mike "Mongo" Mussolum, an IG who was formerly on staff, from Capt John Doyle, who departed to Headquarters, 1 CBG in Calgary.

Returning to the business side, the School also supported three sessions of the Combat Arms Officer Selection Board (CAOSB), providing staff for assessment, administration, lectures on the Artillery, static displays and demonstrations.

These taskings, other external taskings such as providing salute troops, honour guards, firepower demos and training requirements generated internally, all come to a frenzied pitch each summer when combined with the added strains produced by the large influx of students attending officer classification training from May to August. Normal School resources fall far short of meeting these training needs and Militia augmentation in the form of M Battery is required each year to meet this increased load.

### **M Battery**

M Battery is formed every year as part of the Artillery School, and is comprised of soldiers from varying Artillery Militia units from across Canada. This year, M Battery was commanded by Maj Kirk McGeachy of 3 Field Regiment RCA of Saint John. MWO G. McLean, a familiar face in Gagetown, was the Battery Sergeant Major. The addition of M Battery bolstered the ranks of the School by some 137 personnel, all ranks. The Battery quickly shook itself out following the Canada Day weekend and formed into a cohesive, effective sub-unit. The gunners soon found that flexibility and long hours, was the order of the day in meeting field taskings. Consequently, M Battery worked very closely with W Battery, and on many occasions the two batteries combined their efforts to produce composite fire units for a day here or there as the situation demanded.

Many benefits were reaped from this arrangement. The Artillery was able to successfully conduct its summer training and many militia men gained valuable experience during their summer call-out. Many friendships were formed over the Summer months and the officers and men of the School look forward to welcoming back the Battery in 1986. Indeed Field Battery will look forward to their return, as the summer courses they are responsible to run would not occur without M Battery support.

## Field Battery



*A Phase II Officer Candidate Training quarter guard is inspected by the Colonel-Commandant, BGen W.W. Turner upon his arrival at OCT Graduation.*

The responsibility for running Artillery School courses is delegated by the Comdt to Field Battery. Field Battery, in 1985, trained 445 students over a full and varied schedule of Artillery courses. The relatively low number of instructors coupled with eighteen advanced courses run, made for some hectic times within the Battery.



*"Highly irregular Sir, the troops were right behind me when we marched on moments ago."*

Particularly of note, is that unlike other years, two Assistant Instructor-in-Gunnery courses, serials 8501 and 8502, were run and the TQ 6A course run in the fall by Capt Steve Gillies, on loan from 5 RALC, started with 51 students on the common phase, well above the usual course load. In addition to internal taskings, Field Battery also provided IG/AIG assistance teams to the Regiments for Regimental practice camps and to Militia units during their Milcon. Field Battery also brought enlightenment to students at the Armour and Infantry Schools on Artillery concerns.

With only six IGs and 12 AIGs to conduct courses, it is little wonder that the officers and Senior NCOs of Field Battery anxiously await the relief that will come with either a posting message or the graduations of the IG and AIG courses currently under way. The burden was lightened somewhat with the return of Senior Instructor Locating, Capt Russ Hamsey who had been on the Locating IG course at RSA Larkhill, learning the finer points of his trade. Hot on Capt Hamsey's heels was Sgt Kevin Smith, who had been on the AIG Locating course at the same locale. Capt François Juneau, on loan to DRES, returned from Suffield in December after eighteen months in exile working extensively on Remotely Piloted Vehicle (RPV) research. Other major changes in Field Battery were the posting of Maj Rick Wilson to FMC and his replacement as Battery Commander by Maj Dennis Hall, UK Exchange

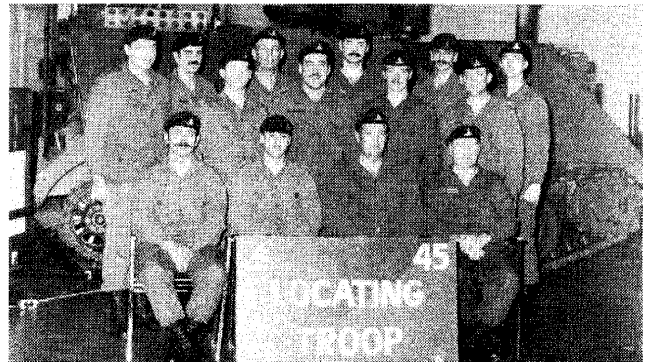


*Visiting Comdt of the Royal Military College, BGen F.J. Norman, listens intently as student tech, 2Lt Morgan dissertates on the MiliPAC while OCdt Wayne Miller looks on.*

Officer and the turnover in the US Exchange Officer position. CPT Bruce Ray returned South of the border and CPT Steve Daniel came on strength from Fort Hood, Texas in July 1985. The preliminary portion of CPT Daniel's posting will be spent as a student on the IG course, to familiarize him with Canadian Artillery doctrine before he actually commences his duties as a full time instructor. Despite this limited relief, the work remains heavy, and this is felt throughout Field Battery, even down on the second floor in Locating Troop. Locating Troop, although it enjoys a certain degree of autonomy, is a sub-unit within Field Battery, and sets the standard in locating throughout the Corps.

### Locating Troop

In keeping with tradition, Locating Troop, Field Battery had a very busy year in 1985. The year began with the troop conducting the Regimental Survey Officer and the Basic Survey courses. This was the first time that these two courses had been conducted together. In the past, the RSO Course had been conducted with the Instructor-in-Gunnery (Field) Course during their survey phase. The RSO students benefitted greatly from the increased opportunity to fill survey command positions in the field. The combined RSO and Basic Survey course proved to be a great success and will continue in the future.



*Locating Troop, Field Battery, 1985*

RV 85 brought the next flurry of activity to the troop with most of the locators involved in some way with the exercise. Artillery intelligence and divisional survey were two of the activities carried out by the troop but the most exciting involvement of the exercise was in the world of remotely piloted vehicles (RPVs).

Defence Research Establishment Suffield (DRES) has for a couple of years, been conducting research into the field of RPVs. During RV 85 an attempt was made to field the RPV troop to support the division and trial RPV concepts. Although the RPV system was not quite ready for RV 85, soldiers of Locating Troop gained experience with RPVs and are waiting for the next trial. The next opportunity for the DRES RPV system will be in May 1986 supporting 1 CBG for Exercise WAINCON 86.



*Bdr Gillis demonstrates the MRA 7 Tellurometer in preparation for the trial in early 1986.*

Additional support to courses was provided for the Assistant Instructor-in-Gunnery (Field) Course during their advanced survey phase and for the Artillery Staff Duties Course during their locating phase.

During the year, the troop undertook an ambitious programme to update survey and sound ranging. For survey, a calculator programme was finished for the HP 41-CV EPROM. Training aids were updated and improved, and notification was received that the troop would trial in early 1986 the MRA 7 Tellurometer, a distance measuring device, as a possible replacement for our aging MRA 3. In sound ranging, the permanent six microphone base along the Lawfield Road more than proved its worth. Finally, work was begun on updating an HP 41-CV computer sound ranging programme and NDHQ began efforts to replace our equipment with new radio-linked sound ranging kit. Locating Troop had a very busy 1985, and 1986 promises to be even busier.

Perhaps the busiest time for the whole School occurs each year during Exercise Nimble Barbara.

### **Exercise Nimble Barbara**

As July came to a close, and most thoughts had turned towards annual block leave, Field Battery, and all of the Artillery School were gearing up for Exercise Nimble Barbara.



*The loneliness of the OP as exemplified by OCdt Bruce, Phase IV officer candidate, towards the end of Ex Nimble Barbara. Nothing but thoughts of graduation, annual leave, and regimental posting.*

Nimble Barbara was the culmination of the summer's training, being a week long live fire and movement exercise. During the period of 27 July to 3 August 1985, the School of Artillery pooled its resources and became, for a week, a three battery regiment. The aim of the exercise was to confirm skills the officer cadets had learned during their phase training in the preceding months. The candidates filled such key appointments as detachment commander and detachment second-in-command, technician, troop leader, forward observation officer and gun position officer. The staff of the School provided gun numbers, command post officers, battery commanders and Regimental Headquarters.

The exercise began with battery-level training and progressed to a Regimental competition day in which the candidates proved their skills at Quick Actions, Open Actions, Small Arms handling and a fault spotting exercise. Next came the climax of the exercise, three days of Regimental level fire and movement. Other points of interest were the occupation of dispersed gun positions by day and night and the use of the "Red Mini" optical rangefinder for battery survey.

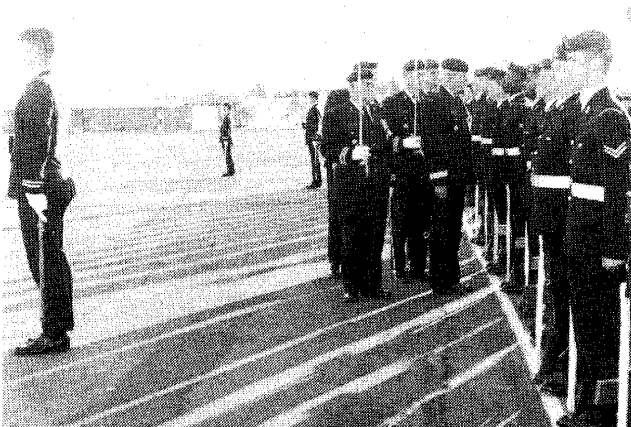


*OP visitors during exercise Nimble Barbara: L to R, Maj Dennis Hall RA; LCol L.A. Branum, Comdt; LCol Lyons, CO 1st Bn, 152 FA Maine National Guard, BGen G.S. Kells, Comd CTC; Dr. Fred Christie, DRES; and Maj Kleves, DCO 1st Bn, 152 FA.*

The exercise went well, and its completion signalled various things to different groups. For the instructors it meant the writing of course reports, for the Phase IV students, a regimental posting, for the Phase II and III students summer vacation and the return to School, and to the officers and men of W Battery, it meant a long awaited and well deserved rest in the form of three weeks summer block leave. Year in, year out, W Battery provides the manpower, the machinery and the muscle that School courses run on, and 1985 was no exception.

### W Battery

1985 found the Battery W doing its best to alter the topography of the CFB Gagetown impact areas. By all accounts they did very well considering most of the rounds fired by the Artillery School left the muzzles of W Battery guns.



*Comd CTC, BGen G.S. Kells reviews the soldiers of M Troop, W Battery, during an Artillery School parade.*

The Battery began the year by taking advantage of the relatively quiet months of January and February to conduct the Battery School. Basic Tech, FOO Tech and Communicator courses, among others were run during this period. While the tasking schedule sometimes takes its toll on W Battery courses, it also provides the opportunity to fire more live rounds when various courses combine their efforts during field exercises.

Unlike the previous year, the BC, Maj Dave Krauter, had a chance to exercise his own Battery. Exercise Snowy Spring (aptly named as the weather would demonstrate) allowed Maj Krauter to put his Battery through its paces

and to see all his men in one place at the same time — a rare opportunity indeed! The Battery learned many valuable lessons which are not always evident in the training support environment. These lessons also include an impromptu crash course in fire fighting.

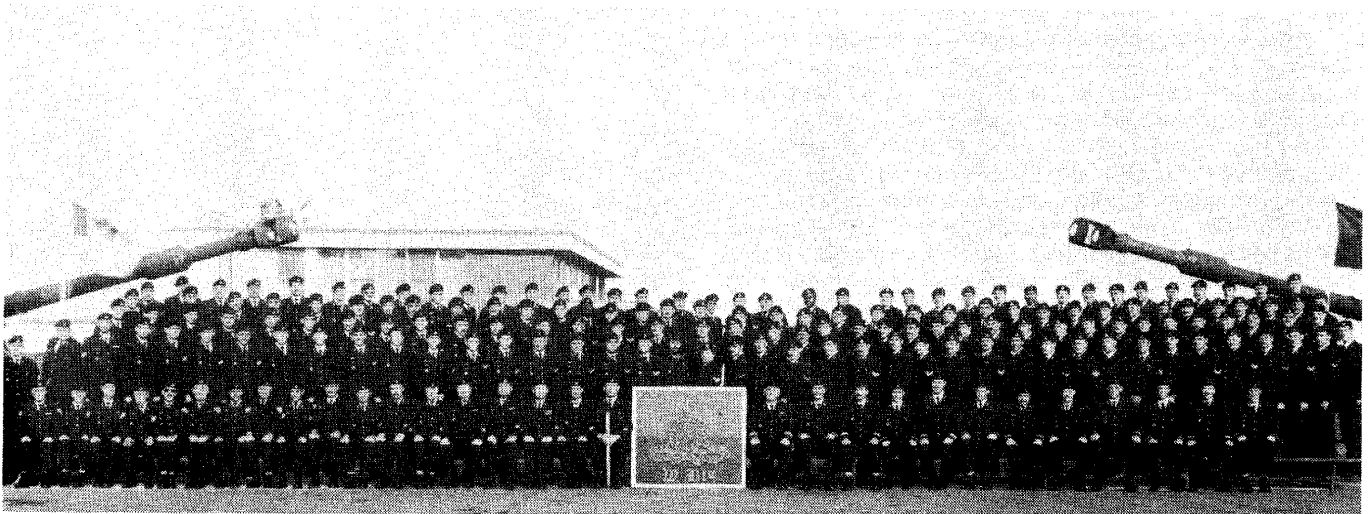
Also during the Spring, W Battery participated in Exercise Chain Mail. This is an annual demonstration of the fire power available at combat team level. The event is presented for the benefit of the Combat Team Commander and Squadron Commander Courses. Although the demonstration itself lasts only several hours, two solid weeks of preparation and rehearsal precede the big day. The highlight of the demonstration is a live fire plan supporting a quick attack.

W Battery had the opportunity to gain hands-on experience with the "latest" in artillery technology. In July, a team from the Directorate of Land Armament Electronic Engineering and Maintenance (DLAEEM) descended upon the School and brought the Gun Alignment and Control System (GACS) with them. Most of us had heard a great deal about the system over its development period and so were most interested in actually using it. Once the battery had a chance to practice with the new kit, the system was demonstrated to a group of potential contractors to illustrate current artillery deployment doctrine. Many interesting ideas were exchanged between technicians and gunners regarding the practicality and future design of various artillery equipments. November saw the DLAEEM team back in Gagetown for further trials.

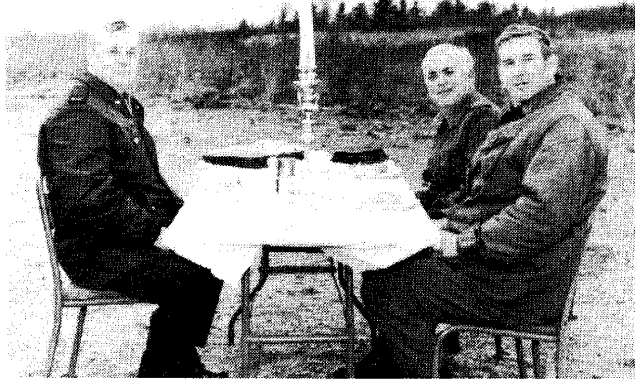
Although W Battery was to support trials on the M114/39 towed howitzer in September, unfortunate technical difficulties intervened. It seems that one of the guns, while in transit on a flat bed trailer, showed an inexplicable yet undeniable affinity for the underside of a low railway bridge in Bedford, Nova Scotia.

In late September and early October, the Battery again prepared to woo the masses with science as we provided fire support for Exercise Mobile Warrior. This exercise is similar in nature to Chain Mail but on a grander scale. Mobile Warrior is a fire power demonstration for the benefit of the Kingston and Toronto Staff Colleges. The audience witnessed fire power of many natures including ground attack sorties by CF-18 aircraft.

The Battery was very fortunate in the Fall of 1985 to be augmented by 54 Militiamen in the form of M Troop. Many of the members had just completed the Summer with M Battery and had no trouble fitting in with W Battery. Also, in November the Battery was fortunate to receive 28 new TQ 3 qualified gunners direct from the RCA Battle School in Shilo. Welcome to the Royal Regiment!



**W BATTERY**



MBdr Fred Aulenback is wined and dined in the Field by BC W Battery, Maj Dave Krauter and BSM W Battery, MWO D.R. Cooper on the occasion of his retirement.

1985 came to a snowy end with the usual festivities, including the annual W Battery Smoker. Members of the Battery can be proud of the volume and quality of training support provided for the School of Artillery and the Combat Training Centre. We can also rest assured that 1986 will hold just as many, and varied challenges.

#### Conclusion

1985 can only be described as a success at the Artillery School. What made it a success was the high level of professionalism and dedication displayed by all who attended or supported courses run here.



LCol L.A. Branum, Commandant of the Artillery School addresses the School at the Mens' Christmas Dinner.

For those who passed through the doors of the School in 1985, the best of luck in your Regiments with your newly acquired qualifications. For those who foresee their being in the Gagetown area in the future, either on course or just visiting, you are always welcome at the Artillery School. With 1986 looming as an even busier year than the last, the School staff look forward to the increased challenge and its continued service to the Royal Regiment.



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## ROYAL CANADIAN ARTILLERY BATTLE SCHOOL

The year 1985 has been an extremely busy one for the RCA Battle School. Recent increases in the establishment of the Royal Regiment of Canadian Artillery have seen a corresponding increase in the workload of the RCA Battle School. A year ago a maximum of three training troops might have been run concurrently. Now with the many vacancies to be filled in 3RCHA due to Eurofill and the reformation of H Battery this year, the School is running anywhere from four to seven training troops at a time. Although the work has at times been arduous, it has been totally satisfying.

Since 1 January 1985, thirteen training troops have successfully passed through the School and seven more are now running. Of the courses completed this year we started with a total of 420 TQ3 candidates of whom 329 became gunners. Overall this gives us a 77% pass rate for the year.



*Being one of the RCA Battle School's most experienced TCs, Lt Paquet has become so proficient at carrying out inspections that he can do it with his eyes closed!*



*Crerar Tp 8501 training for the Olympic badge throwing contest.*

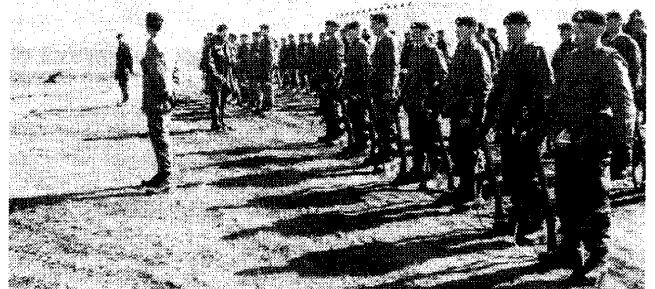
Besides our increased workload there has been a large turnover in our permanent staff in 1985. A total of twenty left the School to move on to bigger and better things while nineteen came to us to take their part in training future gunners. Permanent staff have been

augmented by a large number of increment staff, mainly from 3RCHA. All have done yeoman service for the Royal Regiment. We must not forget 1RCHA, 2RCHA and RCSA which have all supplied members of our increment staff. 5eRALC has done its part as well, taking responsibility for training about 110 TQ3 in Valcartier during the year. We have also received valuable service from a number of Militia personnel who have been posted to the School on Class B service. The RCA Battle School has worked well under this increased workload and that is due solely to the hard work and dedication of our staff, both permanent and increment.

During 1985 we have been concentrating on the indoctrination of our young soldiers in the Regimental way of life. One of the more noticeable parts of this has been the naming of troops. We have undertaken this project in an effort to increase the awareness of all our soldiers of various aspects of Regimental history. This is something which has often been used by other arms and services and we find that it helps to increase the morale of our young soldiers as well as their awareness of history.



*Men from Thelus Tp 8505 wait expectantly for orders from the command post.*

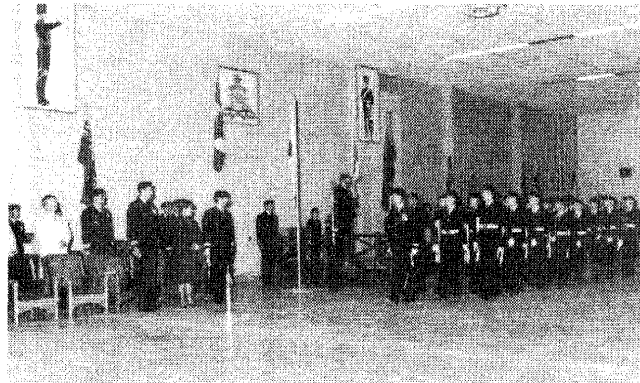


*Thelus Tp 8551 and Chestnut Tp 8502 listen to a few words of encouragement from the CO, Major J.P. Culligan, after they received their cap badges.*

We hope to have available shortly a revised edition of the "Gunners Information Book" which has been used for some years now to aid in this process of indoctrination, and we continue with other parts of it such as visits to the RCA Museum and lectures on certain aspects of Regimental history.

Besides training future gunners, we at the School have been involved in other diverse activities throughout the year. For the first time the School ran a trial serial drivers course after a TQ3 serial in April. In September the School was involved in firing for GATES during its Black Bear exercise. A first for the School was our involvement with 10 Tactical Air Group during mid-November in its FAC exercise. Chestnut Troop, under the command of Lt McKean, supplied both the mark rounds for fighter aircraft and the fire missions for the helicopter borne observers.

For the second year in a row the RCA Battle School was heavily involved in the RCA Junior Officers' Course. We can say with pride that another group of young subalterns have had the pleasure of the accommodations of the E lines in Camp Shilo.



The reviewing officer, Colonel L.T.B. Mintz CD, takes the salute during the March past of Crerar Tp 8506 at their graduation on 25 Oct 85.



Centaur Tp is put through its paces during the drill competition.

Very few people can say that they go game hunting with a 105mm Howitzer. This is definitely not the case here at the RCA Battle School. When Chestnut Troop went out with its intrepid TC, Lt McKean, to do some live firing they did not expect to return with a trophy. At one point in their exercise a Swainson's Hawk flew over MBdr Wallis' gun platform. At that moment the gun was fired and the hawk died instantly from a severe case of concussion. This trophy now sits in a place of honour in the unit medical section for all its admirers to see. The fame of this hawk is widespread. Every morning a line of anxious soldiers wait outside the UMS for a chance to gaze at it.

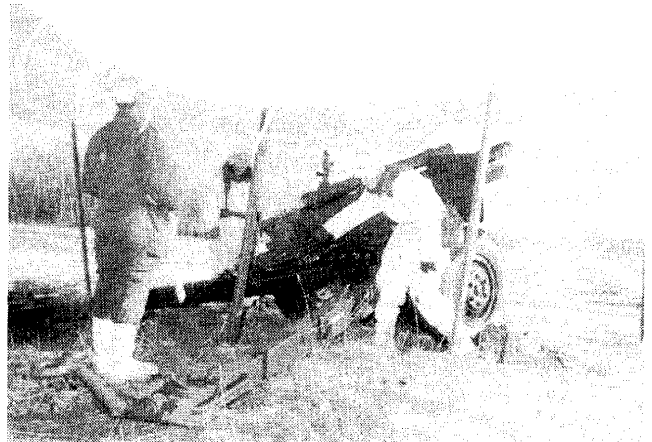
By October of this year we were running six training troops. At the moment seven troops are running. Short term forecasts show that we will be running at least five troops simultaneously throughout 1986 and 1987. Although

we are not able to look far into the future we know that for the next few years we will remain extremely busy at the RCA Battle School. Without any more to do we say aloha from sunny Shilo.

UBIQUE.



The CO, Major J.P. Culligan, inspects Chestnut Tp 8508 during the drill competition.



Gnr Bianco stiffens as the first rounds are fired by Centaur Tp 8509.




## POSTINGS OUT

|      |                   | TO              |
|------|-------------------|-----------------|
| Maj  | Lawrence G.R.     | Fort Sill       |
| Capt | Burridge J.S.     | NDHQ            |
| 2Lt  | Thompson S.D.     | 3RCHA           |
| WO   | Abar R.G.         | Retired (Wpg)   |
| Sgt  | Carier J.P.Y.     | 1RCHA           |
| Sgt  | Desroches J.M.    | Gagetown        |
| Sgt  | Gingras R.J.      | Chatham         |
| Sgt  | Gourlay J.A.      | Gagetown        |
| Sgt  | Klein W.          | 3RCHA           |
| Sgt  | Lamore R.E.       | CFS Gypsumville |
| Sgt  | Morrisette J.J.A. | CFS Senneterre  |
| Bdr  | Bellerose J.B.D.  | 3RCHA           |
| Bdr  | Cook B.           | 3RCHA           |
| Bdr  | Dow M.A.          | 3RCHA           |
| Bdr  | Laycox B.J.       | 3RCHA           |
| Bdr  | Marcil D.J.F.     | Release (Que)   |
| Cpl  | Michaud J.P.      | 1RCHA           |
| Bdr  | Sokolovic H.      | 3RCHA           |
| Gnr  | Clair J.G.A.      | Gagetown        |
| Gnr  | Cole T.D.         | 3RCHA           |




**POSTINGS IN**

|      |                 |              |
|------|-----------------|--------------|
| Capt | Lind G.D.       | FROM         |
| Capt | Mouton J.L.M.A. | 3RCHA        |
| Lt   | McKean M.C.     | 5RALC        |
| WO   | Parker J.W.     | 3RCHA        |
| Sgt  | Benoit J.R.     | Gagetown     |
| Sgt  | Blais J.E.      | 2RCHA        |
| Sgt  | Corrigan R.W.   | St-Jean      |
| Sgt  | Houde J.P.      | 1RCHA        |
| Sgt  | Janz L.P.       | St-Jean      |
| Sgt  | Lunan D.D.      | 1RCHA        |
| Cpl  | Barton L.G.     | 1RCHA        |
| Bdr  | Blinn G.A.      | CFB Suffield |
| Bdr  | Crane J.V.      | Halifax      |
| Gnr  | Currie W.F.     | 5RALC        |
| Gnr  | Garbet L.D.     | 3RCHA        |
| Gnr  | O'Neill S.P.    | 3RCHA        |
| Gnr  | Reynolds T.J.   | 3RCHA        |
| Gnr  | Roehl C.A.      | 2RCHA        |
| Gnr  | Sterling T.T.   | Portage      |
|      |                 | 3RCHA        |

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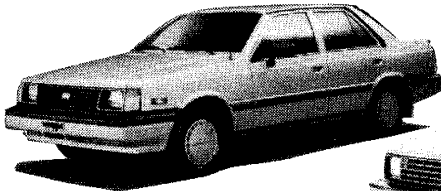
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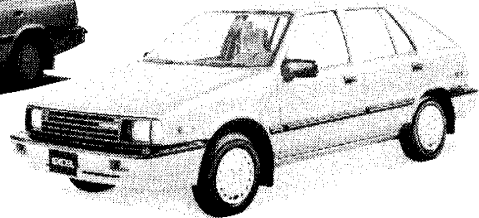
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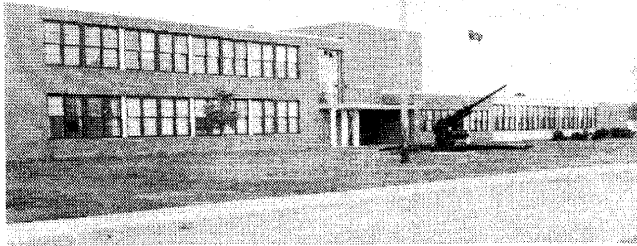
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## AIR DEFENCE ARTILLERY SCHOOL



### THE NEW HOME FOR "BIRD GUNNERS"

After a quarter century, the Royal Regiment can, once again, list an Air Defence Artillery School as part of the Corps. Established on 29 July 1985, the School officially opened on 11 September at CFB Chatham, New Brunswick. The Miramichi area is no stranger to the Artillery. 28th Field Battery was raised in Newcastle/Chatham for overseas service during World War II and many of its former members have personally welcomed the new Gunner presence here on the North Shore.

To mark the opening of the School, an inaugural parade was held with Lieutenant-General C.H. Belzile, CMM, CD, Commander Mobile Command as the reviewing officer. Also in attendance were Colonel J.A. McInnis, D Arty; Brigadier-General G.S. Kells, Comd CTC; and Colonel M.C. Randall, Base Commander CFB Chatham.

The School of Artillery in Gagetown provided a salute troop for the occasion made up of members of W Battery. It was quite a shock to our "light-blue" brethren when the guns fired a general salute on the flight line of an air base.



*Lieutenant-Colonel H.P. Mundell, CD, Commandant of the Air Defence Artillery School signs the document marking the formation of his unit. Assisting him is the Adjutant, Captain J.W. Willis, CD.*

The Royal Canadian School of Artillery (anti-aircraft) was originally formed at Picton, Ontario in 1949/50 and later deactivated in 1960. From 1961 to 1970 "Ack Ack" gunnery virtually disappeared from the Canadian Army. A

rebirth took place in the early seventies with the acquisition of the BLOWPIPE surface-to-air missile system and the venerable but reliable 40 mm Boffin anti-aircraft gun. Twenty-five years after the demise of the School at Picton, the Royal Regiment can be proud of its new addition to the "gunner family".



*Commander Mobile Command, Lieutenant-General C.H. Belzile, CMM, CD, signs the document that officially makes CFB Chatham the home of the Air Defence Artillery School. Behind him is Colonel M.C. Randall, CD, Base Commander CFB Chatham.*



*Commander Mobile Command inspects members of the Air Defence Artillery School, accompanied by Capt K.D. Hynes, CD, IG (AD).*



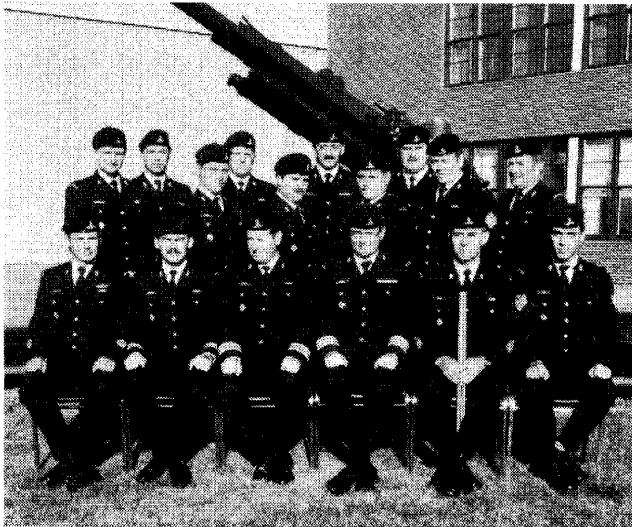
*Colonel J.A. McInnis, CD, D Arty signs the School guest book under the watchful eye of the Commandant.*



*D Arty welcomes the Commander Mobile Command to the Air Defence Artillery School.*

The first few months have been very busy and exciting ones for the School. Since August 1985 several courses have been conducted.

The first course to start at the new School was the Air Defence AIG course, followed by the Air Defence Troop Commander, 6A, and Blowpipe Detachment Commander Courses. 1986 will see the School run twelve courses including the Air Defence IG course beginning in August.



**Assistant Instructor-in-Gunnery Course 8501**

**First Row:** WO Bedore (AIG), Capt Strachan (Course IG), Maj Vanstone (CIG), LCol Mundell (Comdt), CWO Francis (SMIG), Sgt Tupy (AIG)

**Back Row:** A/WO Desmeules, Sgt Bouchard, A/WO Schmidt, A/WO Slack, A/WO Gingras, Sgt Nickerson, A/WO Critchley, A/WO Montague, Sgt Lynch, A/WO White.

The Air Defence Artillery School provides support to CTC Gagetown, as its fourth school. The TATS aircraft are constantly in demand for all arms air defence training. In

addition, over 100 periods of instruction are given each year by School instructors to courses at CTC.

The future, indeed, looks brighter than ever for the Air Defence Artilleryman. With the new weapon systems due to come into service in 1988/89, the Royal Regiment will gain expertise in the high technology world of modern Air Defence Weaponry. The high standards of professionalism set by our predecessors will provide the incentive to meet new challenges with eagerness and pride. UBIQUE!



**Staff and Instructors — Air Defence Artillery School**

**Front Row:** Mrs. Smiley (Secty), MWO Robichaud (BSM Trg Bty), Capt Honour (SI LEME), Capt Willis (Adjt), Maj Vanstone (CIG), LCol Mundell (Comdt), CWO Francis (SMIG), Capt Strachan (IG), Capt Jarrett (Trg O), Capt Hynes (IG), Mrs. Ward (Comdt Secty)

**Back Row:** Gnr Guay, Gnr Parker (Trg Aids), Bdr Otis (Graphic Arts), MBdr Chamberlain (Graphic Arts), WO Habing (Trg WO), Sgt Tupy (AIG), WO Conrad (AIG), Sgt Hicks (AIG), WO Bedore (AIG), MWO (Mr Gnr) Armstrong (Stds), Sgt Wilson (Chief Clerk), Sgt Doucette (NCO i/c Trg Aids)

**Missing:** Capt McAlpine (C Stds O), Capt Pellan (IG), WO Payette (AIG), Sgt Marner (AIG), Sgt Badour (AIG)

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## ROYAL CANADIAN ARTILLERY ASSOCIATION 1985

Shilo was host to the annual general meeting of the Royal Canadian Artillery Association (RCAA) from 19-21 September 1985. It has become customary to hold every other meeting at the Home Station, which gives members a chance to revisit the Museum and stock up on Kit Shop items.

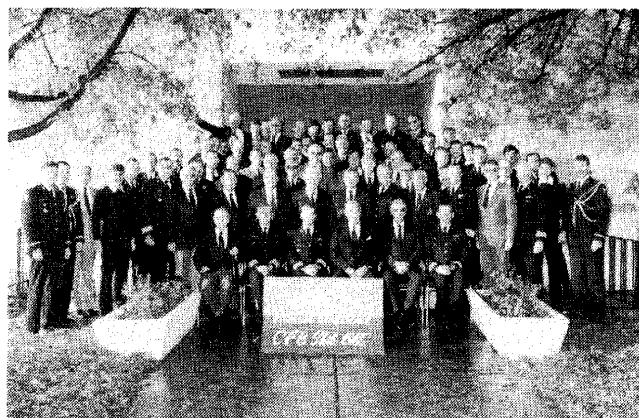
We have made progress in the Royal Regiment in our efforts to brief the younger officers on the objectives, achievements and direction of the RCAA. Whenever possible we have encouraged Commanding Officers to bring junior officers to the meetings, and we have been able to involve them in some of the committee work.

The RCAA was the first of all the service associations to be formed, having been established in 1876 as the Dominion of Canada Artillery Association, under the direction of LCol T.B. Strange. This organization, composed of both Permanent Force and Militia, had as its object "the development of gunnery skill, and the dissemination of artillery knowledge throughout the Dominion of Canada".

In 1904 an Act of Incorporation passed by the House of Commons changed the name to Canadian Artillery Association, and in 1949, again by Act of Parliament, it became the Royal Canadian Artillery Association.

One hundred years later we celebrated with a meeting and Special Guest Night in Ottawa which was attended by the Master Gunner of St. James's Park, the late Field Marshal Sir Geoffrey Baker, GCB, CMG, CBE, MC. The Chief of the Defence Staff, General J.A. Dextraze, was an honoured guest at the dinner.

Much thought and hard work takes place at the annual meetings. The usual result is the adoption of a position paper and a few resolutions on issues which the members feel are important to the Canadian Forces. In recent years we have moved away from the somewhat parochial position of the past, and along with most of the other associations have tended towards resolutions which are intended to benefit the Forces as a whole rather than just the Royal Regiment.



*The Executive and Members of the RCAA 100th Annual Conference CFB Shilo, September 1986*

In 1985 our Position Paper urged the Government of Canada to reaffirm the role of the Canadian Forces in the light of present day resources. We also stressed the need of the total force concept and the Corps structure for our Forces. In addition we recommended the adoption and release of the total mobilization plan which affects industry and the economy in general as well as the purely military aspect. We have been urging this release for several years.

We did put forward one resolution asking that a dedicated artillery command structure at Mobile Command Headquarters be implemented forthwith. This resolution grew out of years of frustration under the present system,

experience of past years and the difficulties with the temporary and hoc command structure which had to be formed for exercise RV 85.

The RCAA, along with the eleven other service associations, is a member of the Conference of Defence Associations which speaks with one voice and has direct access to the Minister of National Defence.

Local Gunner Associations across the country have been invited to become Associate Members of the RCAA for a modest fee of \$50.00 a year. Members of such associations are entitled to copies of The Quadrant. Such affiliations strengthen our Gunner voice in Canada.

The Gunner family, under the leadership of our Colonel Commandant, is stronger now than at any time since World War II. We must do all we can to keep it that way, and to interest our younger Gunners who will soon take over from us.



*The Executive of the RCAA 100th Annual Conference CFB Shilo, September 1985.*

J.E. de Hart  
Past President RCAA 1978-79, and Executive Director  
of the Conference of Defence Associations.

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## **"FIRE MISSION DIVISION" EXERCISE RENDEZVOUS 85**

### **BACKGROUND**

1. RV 85 was third in an ongoing series of FMC controlled concentrations. For RVs 81 and 83 Divisional Artillery Headquarters were established and co-located with FMC Division Main Headquarters. On both exercises the CDA controlled artillery operations but parent Brigade groups retained command over the units. Many valuable lessons were learned during the first two RVs. The CDA's, LCol Schrader (81) and Col Archambault (83), and their staffs, worked hard to establish the ground work upon which the organization for RV 85 could be built. The RV 85 Artillery staff drew heavily upon the experience of its predecessors for guidance in planning the exercise and the headquarters set-up.

### **PLANNING**

2. RV planning is an ongoing and dynamic process. The cycle begins immediately after one RV and the pace quickens as the next one approaches. For RV 85 the intensive planning began with a series of recesses in the Spring of 84. By May, the requirements for individual augmentees, vehicles and equipment had been identified. The detailed planning went on under the direction of the SSO Artillery, LCol N.H. Connolly. As the 1984 posting plot unfolded, the principal staff could be appointed. Both the G3 (BMRCA), Maj H.P. Mundell and the G4 (DAQ), Maj M.D. Capstick were employed in the Artillery Section at FMC HQ. In October 1984 the Commander of FMC appointed BGen H.R. Wheatley as CDA. At the same time it was decided to form a Divisional Air Defence Regiment under the command of LCol Connolly.

3. Once the key appointments were made the detailed training and administrative planning could progress in earnest. The rest of the winter was used to find sources for all of the soldiers and equipment which would be needed. LCol Branum (Commandant of the Artillery School) helped secure the services of the CTC Signals Troop for employment as the Divisional Artillery Headquarters and Signals Troop. As can be imagined, an "ad hoc" brigade size headquarters needs a fair bit of first-line service support. Due to manpower shortages and overtasking in many support trades, it was not possible to make the HQ self-sufficient. 3 RCHA, therefore, took on the task of supporting the HQ.

4. By January 85 the plans were firm, by March the required people and equipment had been found (thanks largely to the militia) and by April the staff was ready to "do it".

### **THE EXERCISE**

5. The Gunners deployed to both Suffield and Wainwright for RV 85. In Suffield the emphasis would be on progressive artillery training. During the first two weeks of May all training was under unit control. This included battery training, regimental exercises and competitions. At the same time the air defence elements participated in the air force exercise MAPLE FLAG at CFB Cold Lake and prepared for a very ambitious programme of live Blowpipe firing. All of this activity would culminate in the CDA's live firing FTX, Exercise PRAIRIE SALVO.

6. On 10 May BGen Wheatley issued the orders for Exercise PRAIRIE SALVO. This exercise was designed to practice artillery procedures at the divisional level. Emphasis was on fire planning, fire and movement and ammunition resupply and dumping. Exercise PRAIRIE SALVO lasted seven days, the pace was fairly hard and

## **"DIVISION MISSION DE TIR" EXERCICE RENDEZ-VOUS 85**

### **APERÇU**

1. RV 85 était le troisième exercice d'une série de concentrations contrôlées par la Force mobile. Dans le cadre de RV 81 et de RV 83, un quartier général divisionnaire d'artillerie était établi et co-implanté avec le quartier général divisionnaire principal de la FMC. Lors de ces deux exercices, le CAD contrôlait les opérations de l'artillerie, mais les groupes-brigades d'appartenance conservaient le commandement des unités. Ces exercices nous ont appris de nombreuses leçons importantes. Les CAD respectifs, le Lcol Schrader (1981) et le Col Archambault (1983), ainsi que leur état-major ont travaillé d'arrache-pied en vue de mettre au point une infrastructure qui servirait à RV 85. L'état-major de l'artillerie de RV 85 s'est largement servi de l'expérience de ses prédécesseurs pour planifier l'exercice et mettre sur pied le quartier général.

### **PLANIFICATION**

2. La planification de RV est un processus permanent et dynamique. Le travail commence dès qu'un RV se termine et il s'intensifie au fur et à mesure que l'exercice suivant approche. Dans le cas de RV 85, le gros de la planification a débuté avec une série de reconnaissances effectuées au printemps de 1984. En mai, on avait déjà établi les besoins en termes de renforts, de véhicules et d'équipement. L'OSEM Artillerie, le LCol N.H. Connolly, était chargé de diriger l'établissement de plans détaillés. Dès que les mutations de 1984 ont été annoncées, on a pu nommer l'état-major principal, le G3 (Major de brigade de l'ARC), le Major H.P. Mundell, comme le G4 (Sous-chef adjoint — quartier-maître et personnel), le Maj M.D. Capstick, étaient tous deux employés à la section de l'artillerie au QG FMC. En octobre 1984, le commandant de la Force mobile nommait le BGen H.R. Wheatley CAD. On décidait, au même moment, de former un régiment divisionnaire de défense aérienne sous le commandement du LCol Connolly.

3. Dès que ces nominations clés ont été décidées, la planification détaillée de l'entraînement et de l'administration a progressé rondement. Le reste de l'hiver fut consacré à trouver les sources d'approvisionnement en personnel et en équipement nécessaires. Le LCol Branum (Commandant de l'Ecole d'artillerie) nous a aidés à obtenir les services de la Troupe des transmissions du CEC à titre de quartier général et troupe des transmissions de l'artillerie divisionnaire. Comme on peut facilement imaginer, un quartier général "ad hoc" de la taille d'une brigade a besoin d'énormément de soutien logistique de première ligne. En raison d'un manque de main-d'oeuvre et d'une surcharge de travail dans certains métiers de soutien, on n'a pu en faire un quartier général autonome. Le 3e RCHA a donc reçu comme mission d'appuyer le QG.

4. Dès janvier 1985, tous les plans étaient au point et, en mars, on disposait du personnel et de l'équipement requis (grâce, en grande partie, à la Milice); en avril, tout l'état-major était prêt à "passer à l'action".

### **L'EXERCICE**

5. Les artilleurs étaient déployés à Suffield comme à Wainwright dans le cadre de RV 85. A Suffield, on devait insister sur l'entraînement progressif en matière d'artillerie. Au cours des deux premières semaines de mai, tout l'entraînement était sous le contrôle de l'unité. Cela comprenait l'entraînement de batterie, les exercices régimentaires et les compétitions. Les éléments de défense

much was accomplished. With the assistance of IG and AIG teams from the School a large number of lessons were learned and re-learned. The Air Defence Regiment practiced the defence of gun positions and also took advantage of the superb DRES ranges to conduct Blowpipe live-firing.

7. During the exercise we received a number of distinguished visitors. The highlight was the visit of the Colonel-Commandant. This visit coincided with the final fire-plan and offered us the opportunity to "roll past" the Colonel-Commandant on the way back to the bivouac area at ENDEX. BGen Turner was joined on the stand by four distinguished retiring gunners: Col Jack Crosman, CWO (Mr Gnr) Doug Wall, CWO (Mr Gnr) Erroll Patrick and CWO D.B. MacDonald. These gentlemen also joined Brigadier-Generals Turner and Wheatley on the dias at the short parade which preceded the Div Arty "BBQ" on 17 May. Both of these events provided us with an excellent opportunity to "bid farewell" to these gentlemen and to thank them for their superb service to the Royal Regiment. The "BBQ" also gave everyone the chance to renew old friendships and swap the inevitable "war stories" generated during the last three weeks of training.

#### **WAINWRIGHT**

8. On 19 May the entire Div Arty began the 450 km move to Wainwright. This move saw vehicles on the road, on low beds and on trains. Soldiers travelled by road in their own vehicles, in buses and on C130 aircraft. Although the G4 was glad that river transport was not available, the wide variety of transport arrangements probably approximated those which would be experienced during mobilization.

9. In Wainwright the emphasis was on all arms training which would culminate in the FTX, Divisional Exercise PROUD WARRIOR. During this exercise, the FMC Division (1 CBG and the SSF) commanded by Major-General A.J.G.D. De Chastelain were to defend BLUELAND against the aggression of BGen Liston's 5e GB Orange (5e GBC). PROUD WARRIOR gave the Div Arty the opportunity to join the Division Main HQ. Again, most artillery procedures were practiced in a general war scenario. The exercise ended on 4 Jun. On 5 Jun the Divisional Artillery was on the right of the line of the Concentration parade and led the march past of approximately ten thousand soldiers.

#### **EXS FINAL CHECK AND ANTELOPE**

10. RV 85 ended with Exercises FINAL CHECK and ANTELOPE. These were combat team live fire attack exercises in Wainwright and Suffield respectively. FINAL CHECK was supported by a battery of 3 RCHA while all of 5e RALC fired in support of ANTELOPE. These exercises practiced all arms in the attack and reduced safety distances added a great deal of realism. Most of our BCs and FOOs participated with their affiliated battle group and could further the process of "gunner education" amongst the other arms.

11. By the end of June RV 85 was over for all of the gunner units. For the first time since the early 1960's an artillery chain of command was exercised in a divisional context. One of the most obvious features of the exercise was the heavy militia involvement in the HQ. Duty officers, technicians, surveyors and drivers were provided by militia units. Without the support of the militia the Headquarters would not have been able to operate effectively. The exercise also demonstrated the need for an artillery chain of command and a permanent headquarters. For both technical and tactical reasons the gunner chain-of-command, proven in war, must be re-established.

aérienne participaient au même moment à l'exercice de l'aviation MAPLE FLAG à la BFC Cold Lake et se préparaient en vue d'un programme très ambitieux de tir réel au Blowpipe. Toutes ces activités devaient mener à l'exercice en campagne de tir réel du CAD, l'exercice PRAIRIE SALVO.

6. Le 10 mai, le BGén Wheatley publiait les ordres en vue de l'exercice PRAIRIE SALVO. L'exercice avait pour objet de mettre en pratique les procédures d'artillerie au niveau divisionnaire. L'accent était mis sur l'établissement de plans de tir, le tir et le mouvement, le réapprovisionnement et la mise en dépôts des munitions. D'une durée de sept jours, l'exercice s'est déroulé à un rythme accéléré et il nous a permis d'accomplir beaucoup de choses. Grâce aux équipes d'instructeurs et d'instructeurs adjoints de tir de l'Ecole, nous avons pu apprendre et réapprendre de nombreuses leçons. Le Régiment de défense aérienne a pu s'exercer à la défense des emplacements de pièces et a su profiter des magnifiques champs de tir du Conseil de recherches pour la défense — Suffield pour tenir des exercices de tir réel au Blowpipe.

7. Nous avons reçu, au certain nombre de visiteurs de marque. Le clou de l'exercice fut sans aucun doute la visite du colonel commandant, laquelle coïncidait avec le tir final, ce qui nous a permis de faire un défilé au moment du retour au bivouac à la fin de l'exercice. Quatre distingués artilleurs qui prenaient leur retraite se sont joints au BGén Turner sur l'estrade: le Col Jack Crosman, l'Adjud (maître canonnière) Doug Wall, l'Adjud (maître canonnière) Erroll Patrick et l'Adjud D.B. MacDonald. Ces messieurs partageaient également l'estrade avec les brigadiers-général Turner et Wheatley lors du défilé précédant le barbecue de l'artillerie divisionnaire du 17 mai. Ces deux activités nous ont permis de saluer une dernière fois ces messieurs et de les remercier pour tout ce qu'ils ont fait pour l'Artillerie royale canadienne. Le barbecue fut également l'occasion de renouer de vieilles amitiés et d'échanger des "histoires de guerre" à la suite des trois semaines d'entraînement.

#### **WAINWRIGHT**

8. Le 19 mai, toute l'artillerie divisionnaire entreprenait le voyage de 450 kilomètres vers Wainwright. Les véhicules étaient déplacés par route, par camions plate-forme ou par trains. Les soldats voyageaient à bord de leurs véhicules, par autobus et à bord d'appareils C130. Même si le G4 était heureux de ne pouvoir compter sur du transport maritime, la très grande variété de moyens de transport utilisés équivalait sans doute à ce qui serait requis en cas de mobilisation.

9. A Wainwright, l'accent était mis sur l'entraînement toutes armes, lequel devait se terminer par un exercice en campagne, en l'occurrence, l'exercice divisionnaire PROUD WARRIOR. Au cours de cet exercice, la division de la FMC composée du 1er GBC et de la FOS et commandée par le Major-général A.J.G.D. de Chastelain devait défendre BLUELAND contre l'agression menée par le BGén Liston et le 5e GB Orange, soit le 5e GBC. Dans le cadre de PROUD WARRIOR, l'artillerie divisionnaire a pu se joindre au QG Div principal. A cette occasion également, on a pu mettre en pratique les procédures d'artillerie dans un scénario de guerre générale. L'exercice s'est terminé le 4 juin. Le lendemain, l'artillerie divisionnaire se trouvait à la droite des troupes de la concentration et à la tête du défilé d'environ 10,000 hommes.

#### **EXERCICES FINAL CHECK ET ANTELOPE**

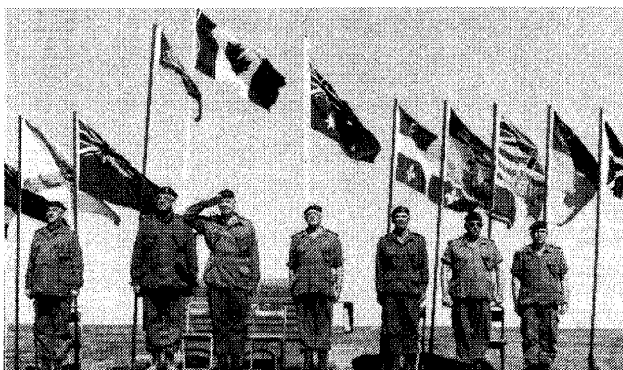
10. RV 85 s'est terminé avec les exercices FINAL CHECK et ANTELOPE. Il s'agissait d'exercices d'attaques de tir

12. RV 85 was a success, there were problems, but these were usually overcome. In addition to the militia the artillery staff owes a great deal of thanks to 2 RCHA, 3 RCHA and 5e RALC who went out of their way to make it work. The HQs of 3 RCHA and 1 Canadian Signal Regiment provided excellent first line support. The Artillery School suffered staff shortages so as to provide us with IG/AIG assistances as well as expertise in locating and air defence. Finally, Colonel Murphy and Maj Brent MacDonald as well as the rest of the CFB Suffield staff were instrumental in ensuring that we could make the best use of the superb Suffield range area. A large number of people, from all arms and services contributed to the success of RV 85 from an artillery point of view. Like any other military activity the application of the principle of co-operation was important to the success of RV 85. All gunners should ensure that the same spirit pervades the activity which will lead up to RV 87.

13. Some important principles were re-established during RV 85 — the most important of which was the value of the artillery chain of command. All gunners must make an effort to ensure that the lessons learned are not forgotten and that we build upon our experience for RV 87.



*The CDA, BGen H.R. Wheatley, prepares radio orders.*



*Exercise Prairie Salvo Endex: the Artillery Division rolls past with the Colonel Commandant taking the salute. From left to right: Col J. Crosman, BGen H.R. Wheatley, BGen W.W. Turner (Col Comdt), CWO D.B. MacDonald, LCol E.C. Hague, CWO (Mr. Gnr) D.E. Wall and CWO A.S. Leblanc.*

réal lancées par des équipes de combat qui ont eu lieu à Wainwright et à Suffield. Une batterie du 3e RCHA assurait l'appui-feu pour l'exercice FINAL CHECK tandis que l'ensemble du 5e RALC faisait de même pour l'exercice ANTELOPE. Lors de ces exercices, on a procédé à des attaques toutes armes, et la réduction des distances de sécurité ajoutait beaucoup au réalisme. La plupart de nos commandants de batterie et de nos OOA y ont participé avec leurs groupements de combat affiliés, ce qui a permis de parfaire "l'éducation" des canonnières au sein des autres armes.

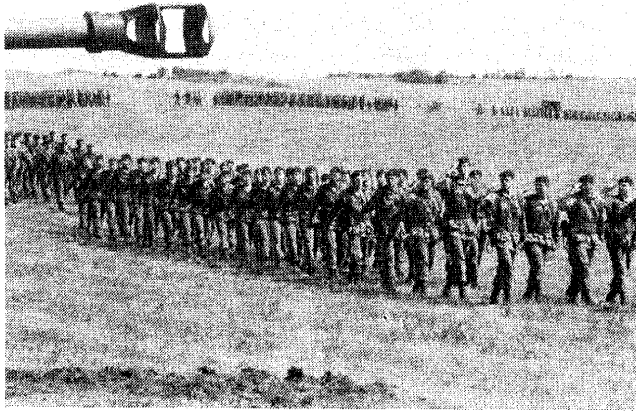
11. RV 85 s'est terminé vers la fin de juin pour toutes les unités d'artillerie. Pour la première fois depuis le début des années 60, on a pu exercer la filière de commandement de l'artillerie dans un contexte divisionnaire. L'une des principales caractéristiques de cet exercice fut l'importante participation de la Milice au fonctionnement du QG. Officiers de service, techniciens, topographes et conducteurs furent fournis par les unités de Milice. Sans leur appui, le QG n'aurait pu fonctionner efficacement. Cet exercice nous a permis de constater qu'il était nécessaire d'établir une filière de commandement pour l'artillerie de même qu'un quartier général permanent. Tant pour des raisons techniques que tactiques, nous devons rétablir la filière de commandement de l'artillerie qui a fait ses preuves en temps de guerre.

12. RV 85 fut un succès. Il y a eu bien entendu des problèmes mais ceux-ci furent, en général, résolus. Outre la Milice, le personnel de l'artillerie se doit de remercier le 2e RCHA, le 3e RCHA et la 5e RALC qui ont fait tout leur possible pour que l'exercice soit une réussite. Les quartiers généraux de 3e RCHA et du 1er RTC nous ont fourni un excellent soutien de première ligne. L'Ecole d'artillerie a connu des pénuries de personnel puisqu'elle nous a prêté des instructeurs et des instructeurs adjoints de tir pour nous aider dans le repérage et la défense aérienne. Finalement, le Colonel Murphy et le Maj Brent MacDonald de même que le reste du personnel de la BFC Suffield nous ont aidés à utiliser le mieux possible le magnifique secteur de tir de Suffield. Un grand nombre de personnes de toutes les armes et services ont contribué, du point de vue de l'artillerie, au succès de RV 85. Comme pour toute autre activité militaire, la collaboration a joué un rôle important dans la réussite de RV 85. Tous les artilleurs doivent faire en sorte de conserver le même esprit pour mener à bien les activités reliées à RV 87.

13. On a pu, au cours de RV 85, rétablir d'importants principes, notamment l'importance de la filière de commandement de l'artillerie. Tous les artilleurs doivent veiller à ne pas oublier les leçons apprises pour qu'elles puissent servir à RV 87.



*Blowpipe training continues at Suffield.*



5 June 1985 in Wainwright: the Divisional Artillery marches past during the Div Comd's parade.



Preparations continue on an L5 position.



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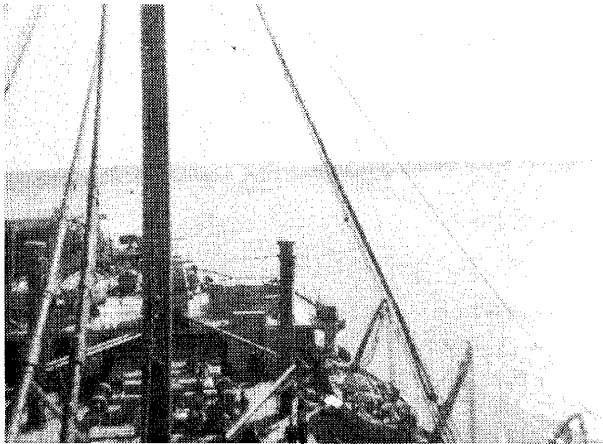
## DAD'S ARMY REVISITED, PART II

by Capt (Retd) E.H. Chamberlin

6 Fd Regt, RCA,  
Halifax, NS  
24 Aug, 1940

Our ship was "ORONSAY", an old P. & O. liner which we were to share with the Regiment de Maisonneuve. Over the past couple of years, give or take a few, Halifax had seen many regiments come and go, so one or two more didn't call for any special celebration. We were soon aboard without ceremony, and making ourselves comfortable in 2-man cabins on the upper decks. The poor old "Mayonnaise", as they were soon irreverently called, were crammed together, cheek by jowl, in hammocks on the mess decks below. Regimental seniority has advantages in the most unexpected places.

Once away from the pier, it soon became apparent that we were not, as we supposed, on our way to England yet. It was the old army game all over again: "Hurry up and wait." We steamed up to Bedford Basin where we dropped anchor in company with a number of other ships, some of which were to form part of our convoy.



*Bedford Basin from H.M.T. Oronsay August 1940.*

Three days lolling around on deck in the summer sun may sound like a pleasant way to pass the time, even when varied by the odd boat drill. To us, it seemed like a week. We were half way there and all we wanted to do was to get on with it. Finally, on the 27th of August, we sailed out into the Atlantic. We can skip the bit about "those dear shores . . ." and "little did we dream", etc. etc. Prairie boys have little sentimental attachment to Halifax and vice versa.

The Regimental History states that "it was an uneventful crossing" and that the "weather was perfect"; an unfortunate oversimplification due, no doubt, to a desire to get on to events in Britain and on the continent. Admiralty files would probably tell a slightly more interesting story, covering perhaps the foggy morning when a west-bound convoy sifted through ours and at least one head-on collision was only averted by a rather frantic last minute manoeuvre. They might even explain the fairly frequent muffled sounds of depth charges which punctuated the hours of darkness. As for the weather, some of it was indeed perfect; sunny skies and a calm sea, i.e., perfect for U-boat captains. Later, in jumpy seas under cold grey clouds when everyone agreed we must be close to Iceland, there were those who felt more optimistic about our reaching Britain. However, I'm probably romanticizing. From a landsman's point of view, I found the voyage rather exciting. Even the report from our Berlin correspondent, Lord Haw-Haw, had a certain entertainment value. He called out each of our ships by name, claiming we had all been sunk; a completely unfounded

report that only demonstrates how much we can depend on some news broadcasts.

On 5 September, nine days out of Halifax, we dropped anchor in the Clyde in front of Gourrock, a little place some twenty miles below Glasgow. It was a peaceful village, sitting quietly in the sun at the base of a steep hill with its feet in the water. A short distance up the slope, a little train wound its way toward the city, smoke from the engine standing out sharply against the changing colours of the woods above. Some recall a bit of a flap over a submarine which was said to have followed us into the Clyde. Fortunately, it came to nothing, at least as far as we knew. It would have been a shame to have our ship sunk under us amid such peaceful surroundings -- to say the least. More waiting, though not for three days this time, and they took us ashore to a train of our own. It's no wonder that a favourite song of the time was "Waiting, Waiting, Waiting". We did a good deal of it, at one place and another. The train with its separate compartments and many doors was quite a novelty in itself, as there were probably a good many who had never even seen a picture of one. I had been raised on stories, pictures and maps of Home, and was very excited to be seeing the real thing at last.

We had had a taste of the blackout at sea but as night drew on and not a light was to be seen anywhere, we knew we had left the bright lights behind for the duration. Curtains were drawn in the carriages; only very dim lights allowed, and the only time I had any vague idea of where we were was once when broad Lancashire dialects were heard outside on a station platform. I'd heard that from some neighbors all my life. The next day, having skirted London, the air raid sirens sounded a welcome as we passed the still unfinished Guildford Cathedral and shortly after, we arrived at North Camp Station, a couple of miles north of Aldershot in Hampshire. A short march of half a mile brought us to Lille Barracks and we moved in.

The barracks were one of several in the Marlborough Lines, each named for one of the great duke's battles or sieges; Oudenarde, Malplaquet etc. It was a comfortable sort of place; two blocks on adjacent sides of an expanse of grass, the N.A.A.F.I. canteen and the officers' mess on the north side up against the High Street and large trees shading the whole establishment. Next door to the south, the 2nd Anti-Tank Regiment occupied what had been the old married quarters and to the east, playing fields and some woods ran down to the little Blackwater River. Frequent bus service, green double deckers, ran down to Aldershot with its movies, shops large and small, and pubs which are seldom far away wherever one happens to be in England.

During the first days at Lille, the management followed the time-honoured procedure of sending the troops on route marches while they sorted things out. These were conducted by our B.S.M., George Davidson, one of a number of Englishmen in our ranks, who got us into the countryside as quickly as possible. There he would break us off where the blackberries were thickest in the hedgerows which lined the roads. He also introduced us to sloes, a dusty, blue blackberry about half an inch in diameter; very tart and without much pulp. They were a very poor second to blackberries for eating but were said to make a passing fair gin. Whether or not any of our people tried it, I don't know. Certainly, they distilled something at times but as the beer was cheap and plentiful, most of us didn't care. Cigarettes were not always so available. As long as the convoys from Canada got through, they were generally in good supply but if the ship with our parcels was sunk, there was a famine. Some even became so desperate that they smoked Wild Woodbines, the English cigarette most plentiful. These were thinner and more tightly packed than Canadian

brands and tasted to us like something not mentioned in polite society. There were those who preferred to snipe butts cast off by the more frugal until a parcel from home got through. When it did, these were the first to rush about offering cigarettes to everybody. The non-smoker was a rare bird in those days. Pipe smokers were more fortunate as there was usually good tobacco available locally. One might even have a tobacconist prepare a mixture to his own taste.

Rations, in those early days of the war, still included fresh eggs and milk but it wasn't very long before the clang of milk cans was heard no more at the cookhouse and both commodities came in the powdered form. Our rations were the same as those issued to the British Army so were quite basic with no frills. Breakfast mostly consisted of a bowl of porridge, two rashers of bacon and a mug of tea, which suited me down to the ground. I'd had porridge for breakfast as long as I could remember. Others weren't so fortunate like little Sammy Rosen, a trumpeter who didn't like porridge. The bacon looked more and more like chicken to him every day. Mutton was a constant element of our diet and just as frequently a butt for our jokes. Some suggested that the poor beast, having outlived its usefulness as a producer of wool, had abandoned all hope and died of old age. Later on, when we confronted the creatures, face to face in their natural habitat, i.e. the firing ranges in Wales, we hoped that the day's sport would result, not only in some useful practice, but in enough meat to see us through for a week or two. Whatever the state of the animal before it perished in the service of its country, there was never any suggestion that it had been too long dead.

The bread in England during the war was the same for civilians and servicemen alike. Made from National Flour, it was an off-white in colour, good sturdy stuff with all the good left in it. Put away a slab or two of National Bread and you knew you'd had something. The quality varied somewhat depending on the baker, but some of the finest bread I have eaten was of this type. It was a couple of years later and the convoy had made a halt along a country road for the scheduled twenty minutes every two hours. I spotted a bakery on a side road so whipped off to see what I could find. There on the shelves were several lovely plump golden brown loaves — and the baker telling me he didn't have any bread for sale.

"What about those?" I asked

"Caan't sell yew tha, can I?"

"Why not?"

"Woi, thaats yesterday's baking".

"I don't mind" I said, getting slightly frustrated. "It's still good, isn't it?"

"Caan't sell yew yesterday's baking, lad, Oi can **give** yew a loaf if you'd loik".

I liked, and after thanking the old gaffer several times, hot-footed it back to the truck. It was marvellous stuff — nice fresh crisp crust and excellent flavour. Today they would call it Gourmet bread and charge very fancy prices for it. Even the run-of-the-mill issue stuff was worth having. The margarine was no great shakes, but the type we get today hadn't even been invented so we were glad of what was available. There was usually jam or a slab of cheese to go with it. As for beverages, tea, with powdered milk and sugar and strong enough for most, was the standard. Coffee was seldom encountered and best avoided. It had no similarity to the coffee we had known in Canada.

At the time we arrived in the Aldershot area, a German invasion of the islands was not only possible but probable. Dunkirk wasn't far behind and the Battle of Britain was on. Daily the sirens sounded as the Luftwaffe passed overhead, but it was almost immediately apparent that they had far less interest in us than we had in them, so we returned the

complement and ignored them. Daily our local "newsboy" (a little Andy Capp type of about sixty-odd) hawked his papers round the barracks. "Horrible scenes" he cried, "Twenty Thousand Canadians slaughtered in the streets of Aldershot. Terrible scenes." We bought a lot of papers — mostly the Daily Mirror which carried the cartoon "Jane", a shapely blonde who was always losing her clothes; tussles with the "bad guys", a convenient thorn bush, whatever, they all produced the same result; Jane with only a rag or two, strategically hanging on to vital areas.

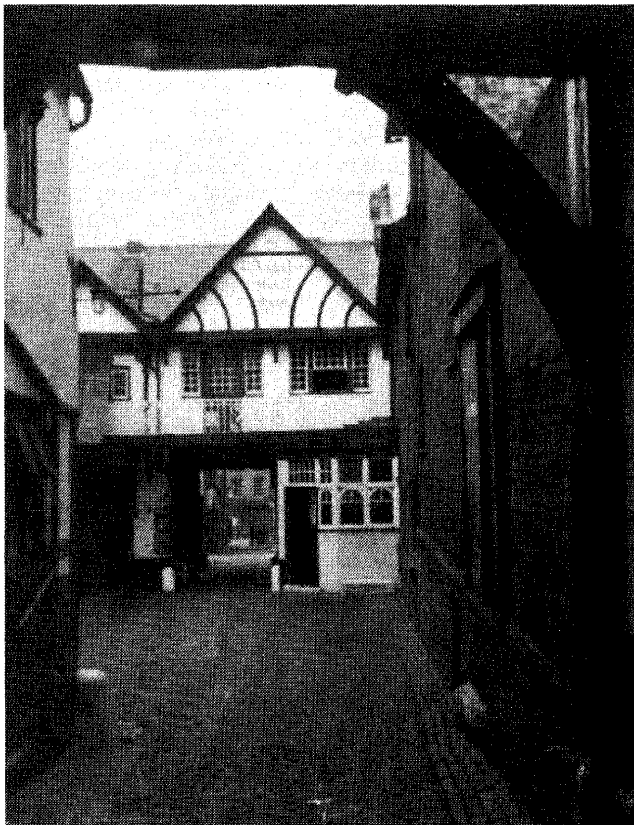
For the first few weeks, we stood to in the grey of early dawn and often went hunting paratroops with our bayonets. Only a very few had rifles so it's as well for us we didn't meet any, and by the end of September we had been issued a few old guns and some vehicles. We had vague hopes for a time of getting some 18/25 pounders (18 pr MK IVs bored for 25 pr ammunition) but these were dashed permanently when an assortment of American-built 75 mm guns turned up. Some were patterned after our old 18 prs, pneumatic tires and all but most were French pattern, still sporting the large wooden wheels of the horse days.

The French 75 made quite a splash when first introduced in 1897. The hydraulic recoil system and fixed ammunition were revolutionary but in that year there were still people around who weren't entirely sold on breech loading guns of any type. By the fall of 1940, the novelty had worn off and we would have been a lot more comfortable with our old 18 prs and 4.5" hows. The 75s were cumbersome and overlong; the sights graduated in mils which to us were meaningless. A good deal of care was required in towing them and top speed was, as I recall, in the neighborhood of 10 m.p.h. In the middle of October we had our first firing practice at Larkhill on Salisbury Plain which meant a drive of 50 odd miles from North Camp. At the speeds allowed, it took the best part of the day to get there, but everyone arrived safely. On the way back, 10 days later, one gun managed to break a wheel, due to a slight burst of "speed" to close up the convoy. It's a great credit to the Nos. 1 that there weren't more accidents of the same type. There was some small compensation when 9/15 Bty of the 11th Army Fd Regt was attached to us for this period, complete with their brand new 25 pounders. They were the first ones we had seen and we looked forward eagerly to the day when we would have our own.

1 November, 1940, and we reorganized again. Just to keep the record straight: once upon a time, there were four batteries, each with six subsections; 13th (Winnipeg) Bty, 21st Bty from Saskatoon, 91st in Calgary and the 111th (Nelson) Bty. In May, we had come together in Shilo to form the 6th Fd Regiment, R.C.A. To this end we had been reorganized into two batteries of three troops each; 13/21 Bty and 91/111 Bty. Each troop had four guns for the same total of twenty-four. Now we became **three** batteries of **two** troops each. One could say "The number of guns remains the same, only the formations have been changed to confuse the innocent." The final arrangement, after some internal shuffling not worth mentioning, was 13 Bty (A & B Troops), 21 Bty (C & D Troops) and 91 Bty (E & F Troops). This organization was much more flexible and gave each battalion in the brigade a complete battery to work with. The number, 111, along with some personnel, was relegated to Anti-Tank, an unenviable fate for any Field Gunner. When the dust cleared, I found myself in 21 Bty Command Post with some of the best people it has been my pleasure to work with.

Bowling along in Southern Manitoba where a bend in the road was an event was no sort of preparation for the confusion of roads, major and minor, country lanes and tracks which we encountered in Southern England. Not

infrequently the vehicles immediately ahead and behind were the only ones in sight and at times, even these were hidden by a bend in the road as it wound between high hedges or through the woods. Our little excursion to Larkhill had left no doubt that a good thing as convoys have to go someplace and what better places to schedule halts than in some of the neighboring towns. Guildford is a good example with its Norman Castle Keep and a number of other historic buildings like the Angel Inn, still serving fine ales and stout as it has done for several hundred years. This particular hostelry was in business before Canada was thought of and though one can no longer ride into the inn yard crying "Ho!/Landlord, three tankards" and expect much response, the sense of history is quite remarkable when the place is viewed through the bottom of a pint mug. The sight of a small herd of cattle being driven down the street — which occurred during one visit — in no way detracts from the atmosphere.



"Ye Angel Hotel Yard"  
Guildford, Surrey. Late 1940

Map reading was also a different kettle of fish from anything in our previous experience. One couldn't even follow the signs to Blithering Major as all signs to Blithering Major, Nether Splash Puddle, or anywhere else had been removed to confuse a possible invader. Even a number of inn signs had been removed so directions to "bear right at the Blue Boar" weren't much help if you couldn't find any Blue Boar to bear right at. It was either stop at every pub along the road to check or — as a last resort — read the map. To familiarize ourselves, both with the map and the surrounding countryside, small groups would recce the neighborhood in a single truck. It was on one of these forays that our Command Post party found the Jolly Farmer, a very handsome half-timbered inn situated in the village of Runfold a couple of miles east of Farnham in Surrey. It was "about that time", so we all piled into the Private Bar for a pint. After serving our two officers, the landlord turned to the rest of us. "Can't serve you in 'ere, lads. You'll 'ave to go next door."



A number of Inn signs had been removed to confuse a possible invader. Troops of the 6th Fld Reg't. R.C.A. on a break at a country inn. Aldershot area autumn 1940.



The Jolly Farmer, Runfold, near Farnham Surrey, Autumn 1940. Vestibule at left was built around one door to ensure effective blackout. Old inn sign preserved under glass at centre. Brick and stone work at ground floor is probably recent veneer over original half timber. Our party on right.

Our officers looked a little nonplussed and asked what the trouble was.

"We serve officers in the Private Bar, sir" said our host, "and other ranks in the Public Bar."

Not wishing to make an issue of it we went next door as requested. The custom was of long standing and, as we soon discovered, more rigidly observed around places like Aldershot where troops were numerous. Lunch was a different proposition as we all gathered round a table in the dining room overlooking the rose garden at the rear of the inn.

The business of separate bars in the same pub isn't all by any means based on snobbery, any more than that of separate messes and canteens. Some pubs have a third bar, sometimes called a Saloon Lounge, which is furnished like a living room at home with overstuffed chairs, standard lamps etc; service being through a small hatch in the corner. Names of the various bars differ from one establishment to another and some have a separate door labelled "Off Licence" where one buys beer or booze by the bottle to take home. One little pub I stumbled upon conformed to none of the above. It was a tiny hamlet whose name escapes me where a sign over a window in one unit of a row of houses indicated licensed premises. I pushed open the door alongside only to find myself in someone's front parlour. The pub, it seemed, was next door, in a similar room about twelve feet square. That was all there was to the place.

Recently I read an account of some Canadian troops

who arrived in England in the fall of 1941. It stated that they found "even London, which had endured the Blitz — a good place to be". This was evidently written by someone with little, if any, knowledge of London and even less of Canadian Troops. A year earlier with the Blitz at its worst, London was, as always, the first place most people headed for at any opportunity. For many of us, the interest was personal as we had close relatives in town. The rest went for the same reasons people have gone to London for centuries, with the air raids as an added attraction. The fact that one lad went to sleep on the second floor of a service club and woke up in the basement didn't discourage anyone, least of all him.

Trains were fairly frequent from Aldershot and Ash Vale stations and usually crowded on weekends. In this connection, we quickly learned the difference between UP and DOWN. No matter where one lives in England, one goes UP to London and DOWN away from it. It helps to know when you hit the station going flat out with 30 seconds to spare, and all you can see are signs saying "UP TRAINS" and "DOWN TRAINS". Pick the wrong one and you wind up on the platform, watching your train leaving on the opposite track with no way of getting to it.

Once in London, one could get to any part of the city quickly on the Underground, otherwise known as the Tube. Maps of the system were easy to read and readily available, even in a handy pocket sized version. Both the railways and Underground continued to operate with remarkable efficiency all through the bombing. The effort required to keep them running must have been astonishing but run they did, and as nearly as possible, on time. In the case of the Tube, service was maintained despite the presence of thousands of homeless who took shelter in the stations. Every platform and staircase in central London was loaded with people. Some had blankets and a few personal possessions; others had none, but except for a few feet alongside the train and a narrow path up the stairs, people were camped everywhere. They were all ages and descriptions and as variously occupied, a good many passing the time with knitting or trying to get some sleep amid the rush of trains and crowds of passengers moving to and fro. Their mood, far from despondent, is well expressed by the cry often heard in England "ARE WE DAHN 'EARTED?" "NAOW!" It would take a great deal more than Nazi bombers to chase the Londoners out of London.

One occasion when Underground service was interrupted was on the night when someone dropped a rather large bomb bang in the middle of the intersection in front of the Royal Exchange and the Bank of England. The air in the station down below was instantly filled with dust and though the train which had just arrived still had power, all lights on the platform were out. No other damage was apparent, but when the train made a move, there was a general outcry. The people living on the platform didn't care to be left in total darkness so the train with its lights stayed put and passengers were sent off to complete their journeys on foot. One is impressed with just how deep in the earth some Tube stations are when the elevators are out and one uses the emergency stairs to reach the surface.

Up above, one could see by the glow of the search lights, a double decker bus nose down and half swallowed by the hole in the street. A short distance away, Liverpool Street Station was as bright as day, lit by the fires in neighboring buildings, but the trains were still running on time. They built a low brick wall around the bomb crater at the Bank and years later, it was still there with traffic flowing freely around it. The ticket hall immediately below the street was demolished by the explosion and eighty people lost their lives.

One aspect of the Blitz which impressed everyone was that St. Paul's Cathedral came through the whole thing with so little damage. Many buildings in the immediate vicinity, even across the street, were utterly destroyed or so badly damaged that what remained had to be pulled down before it fell into the street. A good many churches were bombed or burnt out, some in areas not nearly as hard hit as the City, yet the Cathedral stood through it all. Certainly no credit is due the Luftwaffe for its salvation. Bombing wasn't that accurate.

In much of London, it was "business as usual at the same old stand" — as long as there was enough of the same old stand to do business in. Every place had a pattern of sticky tape on their windows as a defence against flying glass and a number of shops and other buildings had extra posts and beams to reinforce the ceilings in case anything heavy fell on them. Stocks were sometimes low as at Dunhill's where one was often lucky to find three pipes in the whole shop to choose from. The theatres too, carried on. Movies and plays showed regularly in the West End and elsewhere and at the Windmill, just off Piccadilly Circus, the girls did their songs and dances, night and day, while others stood on pedestals with hardly a blink of an eyelash, covered only by the sheerest of veils. Any movement on their part would have shut the place down in an instant. The bombing, never. For years after, the theatre carried the slogan "We never closed".

Everyone, without exception, carried a gas mask over their shoulder with their steel helmet hanging from the case by the chin strap. No matter what the dress from uniform to evening gowns, they went everywhere with them. During a raid it was wise to wear your helmet, since all those splinters from the Ack Ack shells had to light somewhere. So it was when boarding a bus one evening with my current girl friend, a spatter as of hail sent us diving inside where we wound up, full length, on the floor with our helmets askew and the conductor laughing his head off. Even a kiss good night had its moments as your helmets clanged together. If the old tin tiffers were pushed well back in preparation, they were as likely to slide off during the struggle and choke you to death with the chin strap.

Once the formalities were over, your girlfriend might turn instantly into an Air Raid Warden, as was the case at times, with herself of the bus incident. On one occasion, she and her parents had to clear their large block of flats when a great land mine floated down by parachute and settled in the coal bunker at the back. No one had the foggiest idea of when the thing would go off so after a hurry up call to the Bomb Squad, they went rushing up and down the long corridors banging on doors until everyone was out. It was a very large block of flats. It was also a very large land mine. Fortunately, the Bomb Squad was able to defuse the thing before it did any damage.

Everybody is sufficiently familiar with battle dress and greatcoats to have a rough idea of how we looked as we went larking about southern England. There are, however, one or two details seldom mentioned or noticeable in photos. One of these is the gas cape. It was built like a voluminous raincoat and was intended as a defence against spray. The material was a light-weight oiled very crackley stuff, camouflaged green and brown. The first thing one had to do was to fold it in the prescribed manner, then roll it up into a neat tight cylinder about a foot long and three inches thick; easier said than done as the thing had some opinions of its own. Once you had it this far, you wound the attached tapes around each end and tucked them under for quick release. Other tapes held it high on your shoulders ready for instant use when a quick tug sent it cascading down your back. The wearer than quickly

drew it around him, stuck his arms through the sleeves and snapped up the front. So saith the War Office. In practice, once one got the thing into a tidy bundle or anything approaching that happy state, nothing could induce him to undo it short of a direct order or a drenching downpour, at which time it made a passable raincoat. Most of the time, it bounced around on your back, sometimes high on your shoulders but often sagging a few inches at one end or both, and always half a step behind. When getting into or out of a vehicle, it often hung up on a curtain or door post and in the bush, it came to life grabbing any branch within reach.



People from 21 Bty 6 Fd Regt RCA southern England probably spring, 1941. Photo shows gas capes rolled on shoulders. Also note headlight on motorcycle. All headlights were covered except for small semi-circle in the middle.  
L-R: L/Bdr. Bert Colvin, signaller, A.L. (Tex) Campbell, D.R., Sgt "Scotty" Broadfield, Bty Sig Sgt.

When used as directed, the quick release might, but probably wouldn't, produce the desired effect. Due to cold weather and the nature of the material, the chances were it would unroll — gradually — part way — and stick. Only a minor engagement (not really a pitched battle) would part the layers and pry it loose enough to use. Official nomenclature apart, it was sometimes referred to as "that G.D. thing". Photos frequently show troops without their gas capes.

One of the most useful and popular items of issue clothing was the Balaclava helmet, usually rolled and worn like a skull cap, either alone or under the steel helmet. It was warm enough for most occasions — and it stayed put. Berets, for the greater part of the war, were the particular headgear for paratroops and similar special troops. The rest of us made do with the field service cap, worn well to the right and **never** centred. It looked quite reasonable when worn properly but, regardless of the fact that it had been in use for 50 years off and on, it was not a great success. Its chief advantage was that it could be neatly stowed under an epaulette or in the large pocket of the trousers.

Training that first winter was a constant series of convoys and deployment exercises, the latter based on our role in the defence of the Aldershot area against an invading force. We learned a good deal about the surrounding country and about our own particular jobs. We also learned how to make ourselves as comfortable as possible in the cold damp climate, whether in a wood, under a hedgerow, or in the back of a vehicle, and by the spring of 1941, we were shaking down into a reasonably efficient regiment. We must have done **something** right. In May they gave us three 25 pounders.



Canadian Y.M.C.A. mobile canteen visits 21 Bty in the field on a training exercise, Hampshire England winter 1940-41. Canadian Legion also sent out mobile canteens to the regiment. Shown are Tom (Smiley) Needham & 'Zeke' Chamberlin, both in Balaclava helmets.

Johnson is to the left in field service cap. Note also gas cape on back of man between Johnson and Needham.

(Ed. Note: 'Zeke' Chamberlin is the author of this article.)

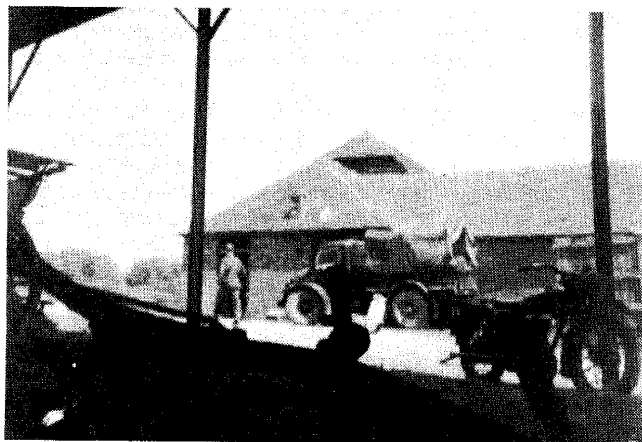


21 Bty Command Post people & 'Y' oehicle.

Bty C.P. consisted of:

Command Post Officer (C.P.O.) in 'H' 8 cwt vehicle with 1 Assistant (C.P.O. Ack) 1 Sig with radio/  
Assistant C.P.O. in 'Y'. 15 cwt vehicle with 3 or C.P.O. Acks and most of tech equipment. etc.

L-R: Tom (Smiley) Needham - C.P.O. Ack, Dixon - sig for C.P. telephone, Lt. H.H. Griffin, A.C.P.O. McRae - C.P.O. Ack, Pat Courage - C.P.O. Ack, D.M. (Little Fox) Stewart, driver of 'Y' is seen beyond between Courage & McRae. Artillery board inside back out of the weather.



A favorite Command Post location when available. 'Y' vehicle has just arrived at the farm. Shortly C.P. will be set up under the wagon shed in the foreground with plenty of room for vehicles under cover alongside. Most also had straw or hay about for a bed.

Object in immediate foreground is a plow with a wagon on the left. Motorcycle probably belongs to sig N.C.O.

## DAD'S ARMY REVISITED

(1984 'Gunner')

1 Reference for information on 'C' Bty's mechanization and first use of Shilo (para 2) was "The Gunners of Canada", Vol. II, p. 16. Details of the matter are shown below:

1933 Last use of Camp Hughes for summer training by "C" Bty, R.C.H.A.

1934 First use of **Camp Shilo** by 'C' Bty. Unit was still horse-drawn but had T.O.S. 5 - 15 cwt stake-body Ford Trucks. These were used as follows:

- O - O.P. officer
- G - Gun Position officer
- W - Wagon Lines officer
- Range officer
- Administration - drawing rations, Feed, etc.

1935 First camp as mechanized unit. Equipped with 2 - 1935 Ford roadsters, 1 for BC, 1 for GPO, for annual battery training.

4 - 'L' type gun-towing vehicles. These were 1935 Ford tandem dual wheeled trucks. On the flat bed were mounted 2 - 18 pr and 2 - 4.5 how limber boxes; 1 of each, each side, equipped with back rests. A wooden storage box was mounted behind the cab. (See photo, Canadian Gunner, 1973, p. 97)

During N.P.A.M. training, the militia used 15 cwts for their O., G. and W. vehicles. Roadsters were used by P.F. 1s. G., one at O.P. and one at Gun Position.

1936 Additional vehicles T.O.S.:

2 - 1936 Ford Phaetons — 1 for B.C., 1 for G.P.O. during annual training. Retained by them as I.G. vehicles during N.P.A.M. training.

4 - Half Tracks, Ford gun towing vehicles with flat bed equipped with lumber boxes, similar to 'L'. Bed was shorter with no room for wood storage box. These were known as 'Jeeps'. (For photo and origin of name see Canadian Gunner, 1973, p. 94).

During N.P.A.M. Training, militia used the two roadsters as 'O' and 'G' vehicles. Also, with two sets of gun towing vehicles ('L's and Jeeps), 15 cwts, etc., two militia batteries could use the ranges at the same time.

In 1937, 'C' Bty joined 'A' and 'B' Btys and 3rd Med Bty at Petawawa for Brigade Training, at which time the R.C.H.A. Brigade Church Parade photo was taken (Cdn Gnr, 1984, p. 59). 'C' Bty won the Battery Competition and all sports events.

Photos showing 'C' Bty as a mounted unit but with gunners seated on limbers were taken during Field Artillery Drills, when outrider horses were not used for the detachment.

Many thanks for the above information to Capt George R.E. Nicholls, CD, ret'd, who was serving in 'C' Bty during the period of mechanization.

2. Caption below 'C' Bty barrack room photo, p. 60, should read "Extra uniform & SHELF boots . . ." This and other less important errors due to my handwriting in which the article was submitted.



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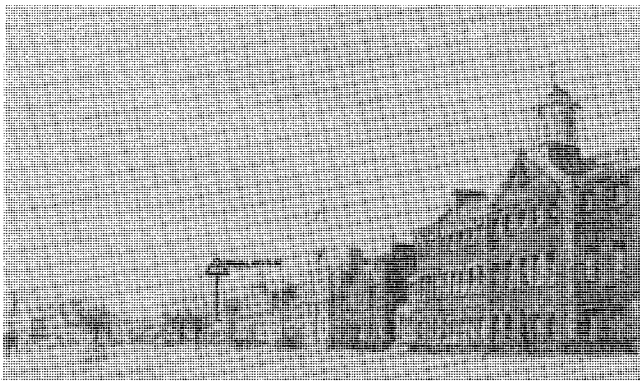
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# A REPORT FROM OP WOOLWICH

by Major B.A. Hamilton MMM, CD, RCA

All Stations, this is XOH (Exchange Officer Hamilton), SITREP . . . By the time this message is circulated, I will have handed OP Woolwich over to Major Don Peterson and what has been three of the most enjoyable and challenging years of my gunner life will already have been relegated to the thick and often foggy memory file. I believed it to be prudent, therefore, to communicate fresh thought regarding my tenure here at Headquarters Director Royal Artillery in the hope that it will serve as a panorama for future successors to improve upon and it will curb a natural temptation for me to embellish that which has not been formerly chronicled.

OP Woolwich is situated in Room F5 on the second floor of the Royal Artillery Barracks whose history dates from the 1780s. For security reasons, the OP is known locally as SO2 Training Policy and this position of vantage is linked with an OP baseline (Directorate), which includes a total of 14 officers, 1 WO 1, 1 SSGT, 3 civilian clerks, and up to 3 civilian typists.



The operational groupings are as follows:

- |  |   |
|--|---|
| Comd Group                                 | - Director Royal Artillery<br>(Major General) |
|  | - Chief of Staff (Colonel)                    |
|  | - Staff Officer (Lieutenant Colonel)          |
| Royal Artillery (RA) 1<br>(Present Policy) | - SO2 (Policy)                                |
|  | - SO2 Staff Duties (SD) A                     |
|  | - SO2 SD B                                    |
|  | - SO2 Training Policy                         |
|  | - SO2 International                           |
|  | - SO3 Training Resources                      |
| RA 2<br>(Future Eqpt Policy)               | - SO 1  |
|  | - SO2 Operational Requirements<br>(OR) Fd     |
|  | - SO2 OR AD                                   |
|  | - Clerks                                      |
| RA 3 (Ceremonial<br>Affairs)               | - SO2 RA3                                     |
|  | - SO2 to the Master Gunner                    |

It is noteworthy that this modest group has the responsibility for approximately 1400 officers and 12,000 other ranks who serve in 23 Regular and 7 TA (Militia) Regiments.

The SO2 Training Policy reports directly to the Director Royal Artillery (DRA) through the Chief-of-Staff (COS) on all policy matters relating to individual and collective training within the Royal Artillery. He is also responsible for safety and range development issues as they affect the employment of Royal Artillery units on UK based ranges. A recent addition to the training policy desk has been the requirement to identify to the DRA the need for simulation in support of individual, detachment, and collective training and to act as the Headquarters

representative during the initial stages of staffing the requirement to Ministry of Defence (MOD) Branches.

Since 1953, the roles entrusted to Canadians at this Headquarters have changed over the years but appear to have stabilized in the area of training policy. A profound responsibility at first glance, but it is one which comes naturally to "Canucks" who are currently viewed as accomplished animals accustomed to coping with evolutionary and often revolutionary changes in their own military.

Of prime importance, environmental factors need to be overcome quickly if the OP is to continue to operate smoothly and with a minimum of disruption. As a result, the following drill notes based on my time here at Woolwich are offered for the reader's digestion.

**Refreshment.** I arrived at the OP on a very hot day in July 1983, asked for a CC and ginger and promptly received a concoction I thought to be rather pale. **Drill Note 1.** Bring Canadian Club with you, as local distilling measures appears to transform traditional Canadian fare into either gin or Pimms. Not-to-mention that persistent use of these foreign substances can become dangerously acceptable to even the most discriminating Canadian palate.

**Language.** We share a common language — or do we? **Drill Note 2.** Avoid the use of the Canadian colloquialisms at all cost. They not only confuse your audience but the audience is so polite it won't challenge the statement and will construct a personal interpretation of what you've said. This often results in actions and responses to questions which have not been asked. This leads to even greater problems for, as a visitor, it is impolite to rebuke your hosts for providing you with information. Thus the cycle can go on forever with both parties working hard but with neither having done anything appropriate to the task-at-hand. The solution is to study the Concise Oxford Dictionary daily and frequent all classes of establishments outside the workplace to informally expand and practice your new vocabulary on as many occasions as possible. An example of plain English follows:

"I reckon those second eleven Geordies and her indoors deserve to live North of the Wash with the other Wallies".

**Dress.** Do not bring a light-weight blue summer suit. The English have an aversion to all things light blue and consider polyester suitable for underclothing only. **Drill Note 3.** Be prepared to purchase excellent quality wool suits at very reasonable costs upon arrival and to be regarded as "quite odd" by your COS if you arrive at the DRA's house for a summer evening meal dressed in the latest modern mens' fashion that Sears has to offer. **Drill Note 4.** "Dress informal" in the UK can cause embarrassing moments as you arrive at a party in your best corduroy jeans and open neck shirt to be told by the hostess that the tradesmen's entrance is at the rear.

**Driving.** No doubt you would have presumed I would comment on having to change to the left hand side of the road. This has not been a problem. The difficulty comes when you discover the English have the ability to create an additional lane of traffic where no apparent room exists for a bicycle, let alone an automobile. We in Canada would call this sacred space the passing lane. The English regard the middle lane as fair ground for travelling long distances while other unfortunate souls on either side are stopped by traffic jams. This lane is also used by enthusiastic motor cyclists to achieve the top speed expectations of their machines and to declare their superiority over less mobile means of conveyance. **Drill Note 5.** As a point of courtesy, ensure your car has a racing stripe. This will aid those using the middle lane to align their tires along a straight line while travelling at high speeds in a hurry to

leave the rest of the world behind. **Drill Note 6.** Place a Canadian Flag on the rear of your car immediately upon arrival. This technique will allow you at least one disclaimer to local police when found parked in the only available parking space (albeit illegal) which is within at least two days forced march of your bank.

Humour aside, my three years at Headquarters Director Royal Artillery can best be described in terms of the local vocabulary — BRILL!

... SITREP ends.

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## NOTES ON RESEARCH AND DEVELOPMENT

Major J.E. MacBride, RCA

Under the terms of the 1964 Basic Standardization Agreement, the ABCA Armies exchange liaison officers at various defence establishments in all four countries. The Canadian "Army" has seventeen liaison officers spread throughout the United States, and one of them is located at the US Army Armament Research and Development Center (ARDC) at Picatinny Arsenal, Dover, New Jersey. ARDC is one of the subordinate formations of Armament Munitions and Chemical Command (AMCCOM) headquartered at Rock Island Arsenal, Rock Island, Illinois. AMCCOM is itself a subordinate command of Army Material Command (AMC), a major US Army command.

ARDC is the agency responsible for most of the development of weapons (including ammunition) in the US Army. Its current responsibilities range from the development of bayonets and tank guns through to howitzers and nuclear munitions. CFLO ARDC is responsible to report on the progress of these developments and to keep ARDC apprised of similar Canadian activities. The liaison position, although not a "hard" artillery post, has traditionally been filled by a gunner.

Field artillery related items are developed by two separate organizations within ARDC. The first is the Fire Support Center (FSAC) which is responsible for the development of indirect fire systems, ammunition and fire control. The second is Project Manager Cannon Artillery Weapons Systems (PM CAWS) which is responsible for taking equipment and ammunition in an advanced stage of development and fielding it. In many respects, FSAC acts as a subcontractor for PM CAWS in that FSAC conducts all the early research on behalf of the PM, and PM CAWS manages the programmes.

ARDC is also the home of the Project Manager Forward Area Gun Defense (FAAD). This PM, still called PM SGT York, is responsible for evaluating gun systems to replace the SGT York Air Defense System. Air defence missile systems are the responsibility of Missile Command (MICOM) which is not part of the territory of CFLO ARDC.

Projects of direct interest to Canadian gunners include:

- a. M109E4 Howitzer Extended Life Program (HELP);
- b. M109E5 Howitzer Improvement Program (HIP);
- c. XM864 Extended Range Dual Purpose Improved Conventional Munitions (ERDPICM) 155mm;
- d. Sense and Destroy Armor (SADARM) munitions;
- e. XM215/SM216 Modular Charge;
- f. Unicharge;
- g. 105mm M119 Howitzer;
- h. M760 105mm ammunition;
- j. XM913 105mm High Explosive Rocket Assisted (HERA);
- k. XM915/XM916 DPICM;
- m. Electro Magnetic Launch;
- n. Liquid propellant; and
- o. Integrated Smart Artillery Synthesis (ISAS).

**HELP and HIP.** Both of these projects are modifications to the existing 155mm M109A series howitzer. HELP will include improvements to the automotive system to reduce "downtime", an Automatic Gun Positioning System (AGPS) to provide on board position and orientation and several improvements to improve survivability, including an NBC individual filtration system. HIP will likely include items to improve delivery system performance including an upgraded cannon. Cannon contenders currently under consideration could provide range improvements to greater than 40

kilometres depending on the tube which is ultimately selected.

**XM864 DPICM.** ARDC is developing this 155mm extended range projectile to complement the in service DPICM round. The XM864 which uses a base bleed design will be zoned only for extended ranges (beyond 18 kilometres).

**SADARM.** Development of 8 inch SADARM has ceased following successful completion of feasibility firings. Current development work is aimed at producing a generic SADARM which, using common components, would be fitted into 155mm projectiles and MLRS rockets. The primary role of this weapon will be CB with a secondary role of anti-armour/light armour.

**155mm Propelling Charges.** ARDC has a series of charges under development. The XM215/XM216 combustible case modular charge system is being developed mainly to meet a perceived requirement for auto-loading. Modular charge will consist of a low zone (XM215) primarily for training and higher zones (XM216) to replace the M3, M4 and M119 propellant. Unicharge (also with combustible case) will consist of a number of equal increments. Modular charge will be type classified but may not enter production depending on whether or not all the technical problems of unicharge can be resolved. Only one of the two propelling systems are planned for production.

**105mm M119 Howitzer.** ARDC has been responsible for evaluation and testing of the UK Light Gun. The M119, which has a different ordnance than the standard UK system, was type classified in December 1985. Over 500 howitzers will be procured for the US Army's light divisions.

**105mm Ammunition.** The decision to procure the M119 howitzer created the need to modernize the 105mm family of ammunition. The M760 105mm HE round is a standard M1 HE round propelled by M200 propellant (Charge 8). M200, originally developed for the soft recoil howitzer, was type classified but not produced. The XM913 will be a high fragmentation rocket assisted projectile capable of extended ranges. The XM915 is a 105 DPICM round which will use M200 propellant. The XM916 will use standard propellant and be capable of being fired by all Canadian in service 105mm howitzers.

**Electro Magnetic Launch.** ARDC is conducting research into a variety of futuristic approaches to solving the gunnery problem, one of which has potential for application to the US Space Defense Initiative. ARDC is the home of one of the largest existing electro-magnetic coil guns. Engineers are continuing this technology base project with the aim of reducing the size and weight of the power supply to permit its application in self-propelled guns, tanks and air defence systems. Development of ammunition is expected to commence over the next few years.

**Liquid Propellant.** In house research is being conducted into the use of liquid propellant in artillery howitzers. The aim of this programme is to reduce the logistics problems of transporting and carrying large amounts of charges. It is envisaged that future howitzers would have "on board" tanks of liquid propellant which would be topped up by tanker trucks. The US plans to conduct a comparative evaluation and shoot-off between liquid propellant and unicharge in the early 90's. The decision on which way to go would be made at that time.

**ISAS.** The final project of direct interest to artillerymen is the Integrated Smart Artillery Synthesis programme. This is a project aimed at developing the technology for semi or fully automated howitzers capable of operating with either minimal detachments (one or two men) or no detachments at all. It is emphasized that this is currently a strictly research programme, unlikely to be fielded, but

# Looking for an unjammable missile?



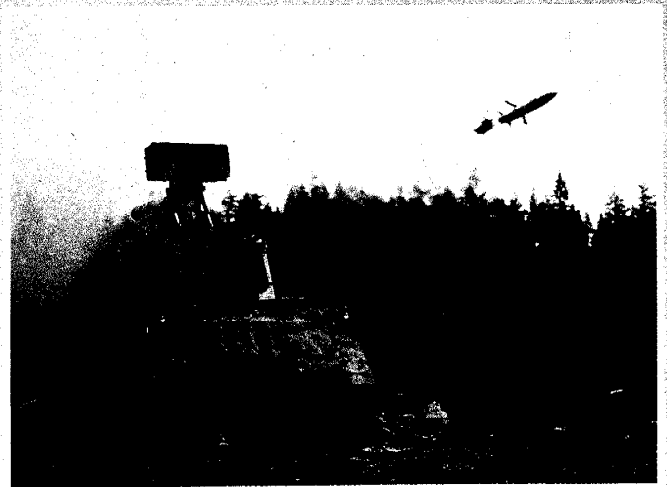
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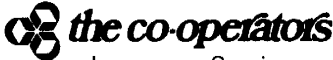
which does develop technology that may be applied to other programmes.

In its laboratories and centres, ARDC conducts a host of other programmes which are of interest to anyone who must fight and survive on the battlefield. These projects include all small arms development ranging from bayonets through assault shotguns to automatic grenade launchers. ARDC is the developing agency for all infantry mortars and ammunition including a complete 120mm mortar system. Direct fire cannon development ranging from 25mm to 120mm tank main armament and munitions are developed and eventually fielded through ARDC. Mines and mine delivery systems including artillery delivered mines are conceived by the engineers at ARDC, and nuclear artillery projectiles are developed here. In short, virtually all weapon systems which impact on the battlefield have been either fully developed by ARDC, or ARDC has had a significant hand in its development.

This article has had two main purposes. Firstly, it was intended to inform its readers that this facility exists and is conducting valuable research that affects all soldiers regardless of nationality. Secondly, it serves to remind all of us that the development of new weapons has always affected the way in which we do business. The long bow, the machine gun and the nuclear bomb have all had a tremendous impact on our profession. We, as professional soldiers, must continue to monitor and control these developments to ensure that the "mad scientists" develop the kinds of systems we want and do the job they are designed to do!




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## LIAISON REPORT — AIR DEFENCE

by: Major D.R. Hopper, C.D.  
Canadian Forces Liaison Officer, Air Defence  
Fort Bliss, Texas

*"When I die, I want to be reincarnated as the Canadian Liaison Officer"*

U.S. Officer, Fort Bliss 1984

*"This is the only place I've ever been where you can serve your country and eat it at the same time."*

U.S. Soldier, Fort Bliss  
(during a sand storm)

### INTRODUCTION

The Royal Regiment of Canadian Artillery has maintained a Liaison Officer (LO) at Fort Bliss, Texas, since 1950. The purpose of this position is to facilitate the exchange of information between the Canadian and the United States Armies. The information exchanged mainly concerns equipment, doctrine, tactics and training.

My predecessor, Major Bob Wallace, wrote a very comprehensive article in the 1983 Canadian Gunner. I would recommend it to those of you who may not be familiar with the paraphernalia of U.S. "bird-gunnery", as it gives a good overview of systems in service. I would like to supplement his article with my own impressions of the area and the job, as well as an update on US Air Defence.

### FORT BLISS

Fort Bliss is located on the northeast corner of the border city of El Paso. It is in what is known as the high desert, an area which is fascinating for its ecology, open spaces and austere beauty. It is on the extreme western tip of Texas where the borders of Texas, New Mexico and Mexico meet. Dallas, with the closest Canadian consulate-general, is about 550 (880 kilometres) miles east of here.

The post is the home of the US Army Air Defense Artillery Center and School as well as a number of "tenant activities" and field units. There are about 22,000 military personnel at the post. In addition to the entire spectrum of air defence training, development and equipment, Fort Bliss is the only post which houses every step of the enlisted training structure, from basic recruit training to the United States Army Sergeants Major Academy.

In addition to the modern army and the "high tech" combat arms, the great historical interest of this area adds another dimension. Here there is much evidence of ancient Indian cultures, the first Spaniards, the old west, the civil war, and so on up to the beginnings of the space programme. Of course, five minutes drive from the post gate takes you to Mexico.

El Paso is a city which prides itself on its hospitality and its international atmosphere. The relationship between the post and the city is the best I've seen anywhere. It's not only the constant sunshine which makes this an attractive post.

### LIAISON OFFICER

Since my predecessor's article, two events of importance have occurred which have affected the work of the Canadian LO. The first is the heightened interest and awareness of air defence in the Canadian Forces as a result of our LLAD project. The second is the sweeping series of changes in US Army Air Defence.

The terms of reference for the Fort Bliss LO specify four major responsibilities. Firstly, there is liaison concerned with implementing the ABCA standardization agreements.

Secondly, reporting on US Army projects. Thirdly, reporting on air defence and other matters of interest to the Canadian Army. Finally, liaising with U.S. authorities on matters concerning the Canadian Army and assisting visiting Canadian personnel.

Although they are listed in the order of appearance, the job itself seems to involve these categories in roughly the reverse order. In particular, and largely because of the changed circumstances, my experience differs from that of my predecessor in one important respect. I have found great interest in what Canada is doing and I have had many opportunities to contribute useful information. This is not only on the obvious subject of our LLAD project, but on many others. Some examples of these are leadership, training methods, the occasional Canadian equipment programme, tactics, and many others. Because we do many things differently, there is great scope to share experience, as well as hard information, to the mutual benefit of both armies.

In addition to exchange of information, liaison officers like to contribute to the operation of their post and community. This leads to many other duties, of which public speaking is a principal one. This has involved talks to unit officers, service clubs and schools. Surprisingly frequently we are able to assist post staff, school departments and units and they certainly welcome participation in exercises and activities.

Another surprise has been the amount of Canadian activity at Fort Bliss and in the area. The biggest event was the participation of the Canadian Airborne Regiment in a major exercise. We have also seen the Snowbirds, two IG/AIG courses, CLFCSC, members of the LLAD Project, consular staff, the ABCA Quadripartite Working Group on Air Defence, desert warfare training and a number of individual visitors. I have noticed that the number of visitors in any given period is inversely proportional to the temperature in Canada.

All-in-all, being a liaison officer at a post as large as Fort Bliss, in a field as dynamic as air defence and in an area as interesting as El Paso is a unique professional and personal experience. The excellent cooperation, hospitality and friendship of our American hosts, military and civilian, adds to the interest and enjoyment of this inherently challenging position.

### US ARMY AIR DEFENCE

Most of the air defenders reading this will be familiar with the general configuration of the US Army Air Defense Artillery (ADA). High and medium altitude coverage has been provided by NIKE Hercules and HAWK missile systems. Chaparral, Vulcan and Stinger/Redeye have been used in the forward area.

Air Defence Artillery in the U.S. Army is on the verge of great changes. Not the least of these is to put into service a replacement for the Sgt York ADA gun system. This was programmed to form the basis of air defence in the US Army's "heavy" (armoured, mechanized) divisions. Unfortunately the programme was cancelled by the Secretary of Defense and there is now an urgent requirement to fill the resultant gap.

The future divisional air defence system is envisioned to consist of a Forward Area Air Defense (FAAD) system consisting of the following five components:

- a "line of sight-forward (LOS-F)" component. This component is currently projected to be developed as a gun-missile hybrid in two variants. A wheeled version would be used in the light and special purpose divisions and a tracked version would be employed in heavy (armoured and mechanized) divisions. LOS-F would be employed in the close combat zone of its division;

- a “non-line of sight (NLOS)” component. This component is also projected to be designed in wheeled and tracked versions for the light and heavy divisions, respectively. It is intended to engage helicopters operating in defilade and would also be employed in the close combat zone of the division;
- a “line of sight-rear (LOS-R)” component. This is more commonly referred to as Pedestal Mounted Stinger (PMS). It is a wheeled system with multiple Stinger launchers. PMS will be employed in the brigade and division rear areas of all types of divisions.
- a “FAAD Command, Control and Intelligence (FAAD C<sup>2</sup>I)” component. This component consists of the communications architecture, a ground and aerial sensor suite, and identification sub-systems necessary to automatically disseminate air track data to the other FAAD components in near real time. The FAAD C<sup>2</sup>I network interfaces with the Air Defense Command and Control System (ADCCS) via the Joint Tactical Information Distribution System (JTIDS), thereby tying the FAAD System into an integrated air battle with HAWK and Patriot.
- a combined arms component. This consists of the enhancement and exploitation of the inherent air defence capabilities of existing combined arms weapons. The FAAD C<sup>2</sup>I network facilitates the exploitation of these air defence capabilities by injecting air defence information into the overall “Manoeuvre Control System (MCS).”

Patriot has replaced the NIKE Hercules and will continue to replace some of the HAWK in “Echelons Above Corps (EAC)”. Corps ADA Brigades are being formed with Chaparral missiles which will be freed from divisions and HAWK which is being passed down from EAC. The Corps Commander will now have some ADA resources with which to influence his defence.

The intent of this overall air defence system is to fully integrate HIMAD and SHORAD units with the combined arms family. Information from all sources, from AWACS to individual sensors on weapon platforms is fed into the system. This information is subsequently filtered, collated and presented to tactical fire units in the format most useful to the crew of that fire unit in the format and detail most useful to the crew of that specific weapon. An implied objective of this system is to eventually enable all air defence weapons to operate passively as much as possible.

Contractors have been asked to submit their concepts for a LOS-F system and those judged feasible will be competitively evaluated in 1987. In view of the urgency of the requirement, there is likely to be no effort to develop a new system. We can therefore expect to see such systems as Roland, Rapier, ADATS, RBS-70 and others competing for this role. We can probably expect some decisions later this year.

A number of concepts are being proposed to meet the NLOS requirement. Of these, one of the most promising is the Fibre Optics Guided Missile (FOG-M). This carries a miniature TV camera in the nose and an operator can fly it from the ground, search for targets and lock-on. The image is transmitted back to the operator by a fibre-optic link fed out from the missile.

Three contenders for the Pedestal-mounted Stinger have also appeared. In effect, all of these are turret mounted on a High Mobility Multi-Wheeled Vehicle (HMMWV). The three systems are:

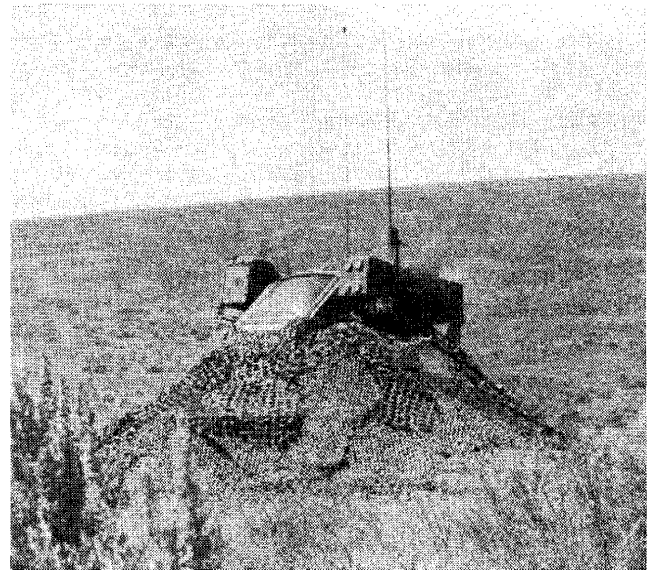
- Setter: two, four missile Stinger launchers on a turret which is operated by a man sitting down in the body of the vehicle, or remoted outside. The turret also contains sensors (optics, FLIR, laser range finder) and

six pods of nine Spike hyper-velocity rockets for dead zone coverage and self defence.

- Avenger: the Avenger resembles a mini Chaparral, except that, instead of four Chaparral missiles, it is armed with eight Stingers in two pods of four.
- Defender: Defender resembles the Setter with a 25mm gun instead of the Spike rockets.



*SETTER: US Army Missile Command proposal for PMS. Spike rockets would be mounted in clips in the centre of the pedestal.*



*AVENGER: a contender for the Pedestal Mounted Stinger (PMS) System. The HMMWV is under the camouflage.*

A very impressive body of experienced and capable ADA officers has put together the concept for the future development of US Army ADA. The result is a concept which will tremendously increase the capability of the Army to deal with an increasingly deadly threat. The next few years promise to be exciting times for US Army air defenders.

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**BIOGRAPHICAL SKETCH  
COLONEL JOHN A. MACINNIS, CD**

Colonel MacInnis was born in Cape Breton, N.S. in May 1940. He attended Le Collège Militaire Royal de St-Jean, the Royal Military College of Canada and is a graduate of Queen's University at Kingston.

Colonel J.A. MacInnis began his regimental duty in 1961 with the First Regiment, Royal Canadian Horse Artillery (1 RCHA) in Gagetown, New Brunswick. Following a tour of duty as instructor at the Royal Canadian School of Artillery in Shilo, Manitoba, he returned to 1 RCHA in 1966 and accompanied the unit to Germany where he served in the rank of Captain until 1969.

Upon completion of the Canadian Army Staff College course at Kingston in 1970, Capt MacInnis remained on the staff at Fort Frontenac until 1973. On promotion, he then assumed command of E Battery 2 RCHA in Gagetown followed by command of the Training Support Group of the Combat Arms School. In 1976 he became second-in-

command of 3 RCHA in Shilo. Promoted to Lieutenant-Colonel in 1977, he became Senior Staff Officer Plans at Mobile Command Headquarters in Montreal. Following a tour as Commanding Officer 3 RCHA, he spent a year as Director of Land Requirements 2 (DLR 2) in NDHQ. He was promoted to his present rank in August 1982 and attended the National Defence College (NDC) at Kingston, Ontario.

Upon graduation in 1983, Colonel MacInnis was appointed as the Base Commander, CFB Shilo, Manitoba. He served in this capacity until he assumed his current duties in National Defence Headquarters as the Director of Artillery with additional responsibilities relating to the Reserve Force Development Plan.

Colonel MacInnis is married to Barbara Hykle formerly of Pointe Claire Quebec. They and their daughter Elizabeth currently reside in Ottawa.

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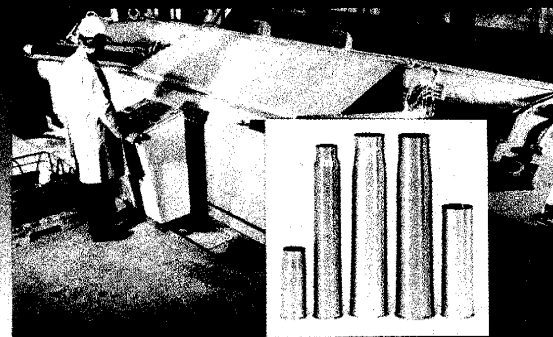
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**CWO JR FLANAGAN, CD  
REGIMENTAL SERGEANT-MAJOR  
THE ROYAL REGIMENT OF  
CANADIAN ARTILLERY**

Chief Warrant Officer J.R. Flanagan is a native of Wentworth Station, Nova Scotia. Seeing little opportunity for adventure and excitement "down on the farm", he joined the Canadian Army in September 1952. Mr. Flanagan's initial posting was to 129 Anti-Aircraft Battery in Victoria, B.C. Rapidly promoted, in 1956 he was selected for security duties with the International Commission for Supervision and Control in Indo China, serving in such interesting locations as Hanoi, Vientiane and Saigon.

Returning to Canada in April 1957 Mr. Flanagan was shortly thereafter promoted to Sergeant. With the demise of the Anti-Aircraft Branch in 1960, Sergeant Flanagan joined 1 RCHA in Camp Gagetown where he served until 1966. During this time he attended the Fire Planning Course. He was undoubtedly no end of help to his fellow students — Major D.R. Baker and Captain H.R. Wheatley to name only two.

In 1967/68 Mr. Flanagan attended the Assistant Instructor in Gunnery (Group 4) Course at the Royal Canadian School of Artillery in Shilo, Manitoba. Upon graduation he was posted to 2 RCHA in Gagetown where he assisted with the unit's conversion to the M109 howitzers. In 1969 he was posted to 1 Airborne Battery RCA in Edmonton. Following five years of airborne service in such exotic locations as Resolute Bay, Coral Harbour, Panama, Death Valley and Montego Bay, he returned to CFB Gagetown and turned his talents towards educating officer cadets and potential Instructors in Gunnery. It is rumoured that many Artillery Captains and Majors still harbour fond memories from those days — particularly

the ones who attended the Infantry Battle School at mighty Mount Douglas!

In 1977, he returned to 2 RCHA at CFB Petawawa and was shortly thereafter appointed the Battery Sergeant Major of E Battery (Para). Promoted to the rank of CWO in January 1979 he assumed the duties of RSM 2 RCHA in July of the same year and hung up his maroon beret. When asked about the highlights of this appointment Mr. Flanagan thought for a moment and replied "Well there was Gunner X and Gunner Y and I'll never forget Gunner Z!" This anecdote is only related to indicate what has always been Mr. Flanagan's abiding interest — soldiers and their development.

Next, Mr. Flanagan was appointed the Base Regimental Sergeant Major at CFB Shilo. He served in this capacity for two years from 1981 to 1983 during which he became somewhat of an instant expert on visits of Royalty and their representatives. Who said no one ever visits Shilo? After an all too brief tour in CFS Debert, Mr. Flanagan was appointed to his current duties as RSM of the Artillery at National Defence Headquarters in July 1985. His responsibilities include advising the Director of Artillery on matters pertaining to non-commissioned members.

Mr. Flanagan is married to the former Margaret MacIssac of Yarmouth, NS. They have four grown children. Oh yes, after his eventual retirement Mr. Flanagan plans to "retire down on the farm" and split his time between supervising wood cutting details and catching the poacher that shot his pet moose!

## SSM REUNION — 1985

CFB Trenton was the site of the first gathering of former members of the Surface to Surface Missile (SSM) Batteries since the disbandment of 1SSM Bty on 1 July 1970. (see 1970 "Gunner", page 33. Ed.) This reunion, held on the weekend of 20-22 September 1985, was the culmination of over two years of planning by a small and dedicated group of former members. The idea of such a reunion has been discussed informally for a number of years but it took an organizational meeting held under the guidance of Mr PC Heenan in November 1983 to really start the ball rolling. With the strong chairmanship of Mr. Heenan and Mr. RW Irvine, then latterly LCol JJ Donahue, the committee took on the tremendous task to organize this reunion weekend. The most difficult problem of getting the word out to determine whether the response was still strong was given to Mr. Ray O'Neill — a volunteer. Coincidentally Maj J. McGregor and Maj JN Robertson were asked to and agreed to be Honorary Co-Chairmen. The committee and its group of willing area representatives carried on with the idea once enough interest was shown. These people deserve much praise for the success of this first, and hopefully not last reunion.

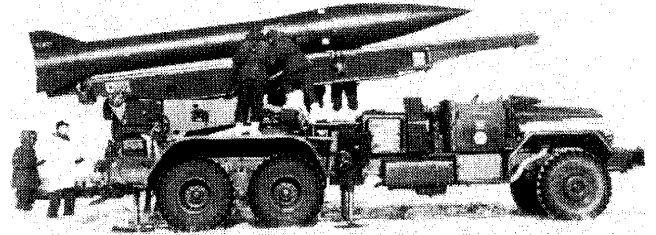
The reunion was held at this time in order to commemorate the 25th anniversary of the formation of both 1 SSM Bty and 2SSM Bty at Camp Picton Ontario on 15 September 1960. Throughout the ten years of the life of the SSM batteries over 2000 officers and men were to serve in various locations in either or both batteries.

1 SSM Bty moved from Camp Picton to West Germany in the fall of 1971 and from the original location in Fort Anne to Fort Prince of Wales and finally to Fort Qu'Appelle until its disbandment. 2 SSM Bty moved from Camp Picton to Camp Shilo in August 1962 where it remained until disbandment on 1 September 1968. In their short existence, both batteries established very high standards of professionalism, technical competence and esprit de corps which never faltered even up to the disbandment day of each battery.

Owing to its proximity to Picton, its central area for most attendees and to renew the ties begun between Trenton and the SSM batteries in the early 1960s, Trenton was selected as the best location for the reunion. The Base Commander, Colonel GRJ King, and all ranks of his base ensured that nothing was spared to assist with this reunion. Such cooperation, normal in 1960-62, was very much appreciated by all and amply demonstrated that these ties were still alive and remain very close.



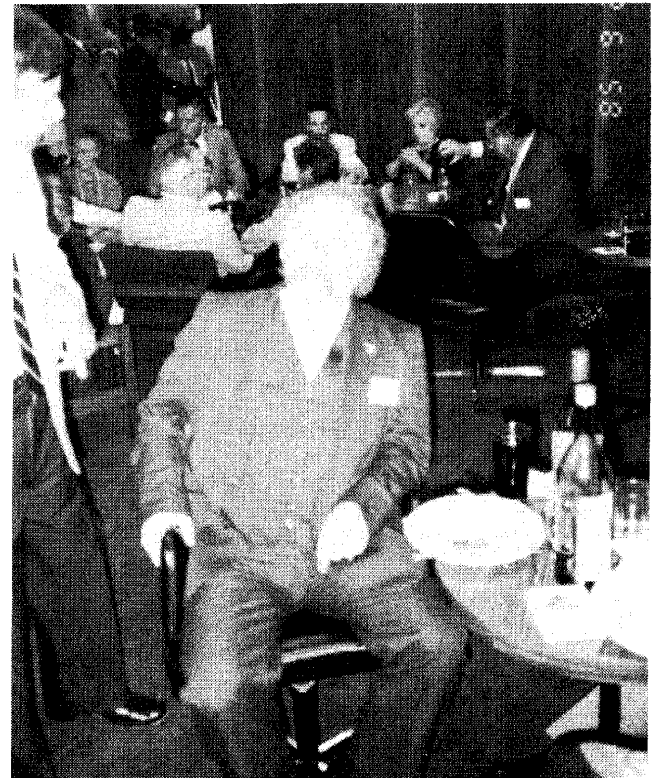
*Live Shot Hohne 1970*



*Pre fire drills Shilo 1968*

Members came from all over Canada and even the US for the weekend. Over 300 personnel, including a good number of wives, attended the reunion. Some are still serving, now in all three elements; some are retired and even more have begun second civilian careers. The attendance included a Hercules load from the Maritimes who arrived at 0200 hours on 21 September and departed at 0800 hrs on 22 September.

Two nights and days were simply not enough to recall 15 to 25 years of memories. Hours of war stories were traded, old comrades reunited and the spirit that was unique to the SSM batteries was once again in the air. The reunion highlight was the dinner/dance on 21 September. After an excellent dinner complemented by specially labelled SSM wine, both co-chairmen addressed all and commented on the dedication and work of the committee as well as the unique SSM spirit that was still alive. As well a number of telegrams were read out. Then it was back to the good-natured banter and camaraderie of the SSM gunners which lasted until the early hours of Sunday.



*Now my son back then we did it this way*

The weekend ended much too quickly. No one really resolved the contentious question of whether Mel Brown or the Whalen's were the best (or had the best elbows) on SSM hockey teams. The 1969-70 2 Div Champion basketball team gathered for one last picture — with the passage of time some were the ball, others only had to hold it. Several people harkened back to those days of the black ascot which was the SSM's unique badge of recognition. Though it would now be hard to put it back up now that the Service Battalions have "borrowed" it. One of the key characteristics of the SSM battery was its ability to have a great deal of fun but yet still retain that correct sense of conduct. This was certainly in evidence throughout this reunion weekend. Of course with Mr. Wilt still looking as dapper and proper as ever, it really wasn't possible to be anything else but on one's best behaviour. At this reunion, it was a weekend to trade stories and memories. Sunday morning came and it was time to return to the real world once again. Promises were made to have another reunion in 1990. It is never too early to get the word out — so start now.

The weekend was splendid and evoked tremendous memories of service in the SSM units. For those who attended, it was gratifying to see how well the SSM spirit lives on. The Commandant Artillery School Gagetown and former members of the SSM deserve much credit for the work they did in producing a history booklet and the sale of souvenirs. A photo album is to be presented by the honorary co-chairman or their representatives to the Commander Home Station for the RCA Museum. This will

be a lasting testament of this reunion. The Artillery School still has a number of glass mugs, T-shirts and hats for sale for those who need them. It would be remiss likewise, not to thank the RCAA and RCA NPP for their generous financial support. It was sorely needed to get this reunion started.

The final praise is to that small organizational committee led by LCol Donahue and the area representatives. Their work was hard; the results tremendous. This group will continue to work toward the next reunion. Let Maj Ted Itani know about your interest. He's also looking for volunteers.



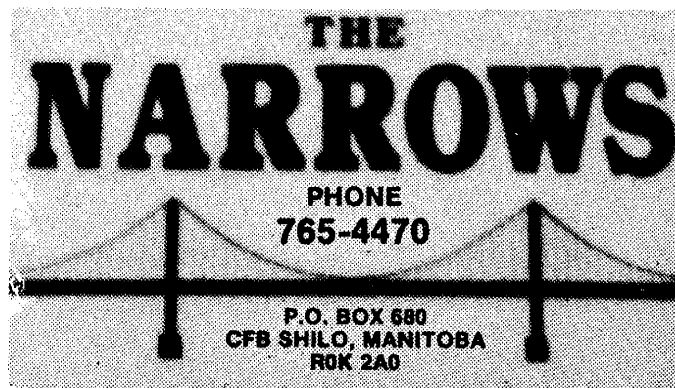
*All enjoyed an excellent dinner in spite of flying "elbows".  
(Apologies to LCol's Brown and Davidson - Ed.)*

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## U.T.M. GRID AND ITS SIXTY ZONES

by  
MWO (Mr Gnr) W. Fairbanks

Along with many other nations, Canada's military land forces long ago adopted the Universal Transverse Mercator Projection, (UTM) to transfer the Earth's oblate spheroid shape onto a flat sheet of map paper and so make it ready for field use. UTM covers most of the Earth's surface except for the two polar regions.

Anyone who has ever tried to wrap a soccerball as a Christmas present realizes the problem which map makers have in projecting mother Earth's shape onto a flat piece of paper. UTM grid has overcome this problem by creating 60 map zones with each zone having gridzone designators every six degrees of longitude and eight degrees of latitude (an area of about 668 km x 889 km at the equator).

The points of origin for those grid zones are the equator and the 180° meridian. At the equator there is no mapping problem; unfortunately our manoeuvre areas are not there. The problem is caused by the increasing latitudes. The difficulties lie in the square zones between zone designators, which do not conform to the convergence of the meridians.

The centre of each zone is fixed by a meridian (The Central Meridian). By using the standard meridian as the standard for each map zone, negative Eastings are transformed to false Eastings for the convenience of the map user.

Due to the convergence of the meridians, the blocks of zones have an adjacent dead space. It is this dead space which causes us all our problems. The soldier glueing his maps together for the FTX will note that suddenly, his Eastings do not run concurrently any more while all roads and features match. The puzzle is explained in the marginal notes. Unfortunately the soldier seldom reads the notes, or they cut them off and discard them as they glue their maps together.

It only seems that the Eastings do not run concurrently. The Eastings of adjacent zones are carried forward for about 40km to the next map sheets as a blue grid. Unfortunately, nobody reads the explanations of the blue grid in the long discarded marginal notes. I'll come back to the blue grid later. Right now, we have a greater problem on our hands.

As I've stated before, the centre of each zone is its central meridian. Depending on location, magnetic deviations either East or West of this meridian will vary greatly. What happens is that due to the geographic locations of the North/South poles and of the magnetic poles, the Westerly edge of a zone could have an Easterly magnetic variation while the Easterly edge of the adjacent zone has a Westerly variation. Where zones meet, utter confusion normally reigns supreme.

Justifiably, most soldiers can't understand why, by crossing a magic line, they could end up with a completely different magnetic variation for their compass. This variation can easily compound to five degrees or 100m and necessitates a re-calibration of compasses and instruments.

Affected training areas get around the problem by creating composite maps which carry the grid of one zone into the other. But during operational training, this clearly can't be the case.

One of the specific operational areas concerning Canadians is of course in West Germany near the Czech border. Due to the vicinity of the Hohenfels and Grafenwoehr ranges, Canadians never really paid much attention to the problem of zonal conversions, they simply calibrated their instruments for the live-firing ranges and carried that calibration into the subsequent, dry-firing,

manoeuvres. The problem still existed, but was out of sight and mind, just like the discarded marginal map data. It was the proverbial (hear no evil — see no evil) approach.

The artillery commander faces a particular dilemma which returns us to the blue grid. It is his responsibility in an area of zone overlap to determine which of the zones is to be used for survey operations and fire control. His decision is mainly based on the direction of our operational thrust; since the targets should always remain on the true, or black, grid it is obvious that the forward observer must keep his many targets on the true grid of his particular zone.

Meanwhile the GPO may have the battery centre of his guns or mortars plotted on the black grid of an adjacent gridzone. As a result, it suddenly becomes a geographical fact but a mathematical impossibility to achieve range from gun to target. The battery centre will have to convert to blue grid. MILIPAC will convert the true black grid to a false blue grid — a measure which makes the battery centre compatible to the FOO's targets.

A normal plotting device can achieve the same aim simply by connecting the respective blue grid ticks at the margin of the map and by using the new grid pattern as a data base. The TM 5-241 series of pamphlets (zone to zone transformation tables) may also be used.

Falling within the stated responsibilities of the artillery commander and much more of a problem than mathematical conversions is the calibration of instruments. As the battle rages past the zonal boundaries, magnetic variations change greatly. For normal map use with magnetic compass, the marginal mapsheet information is sufficient for the user for the more accurate artillery fire control instruments such as prismatic compasses, aiming circles and theodolites, an enforced calibration policy is necessary. The calibration of artillery fire control instruments suddenly assumes a major priority. Calibration points in adjacent map zones must be set up as soon as the tactical situation allows it.

It might be a practical policy to maintain two clearly marked and calibrated instruments in the respective recon vehicles, one for each grid zone. It is insurance against the odds of fate on a par with wearing a pair of pants with both belt and suspenders.

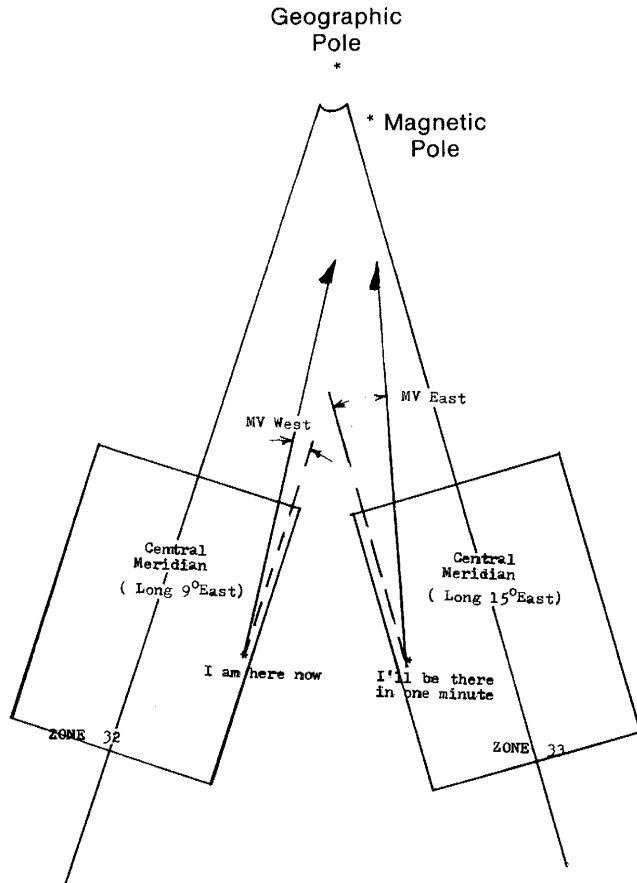
Military grid references near adjacent zones can lead to frustrations. The same grid reference near the FEBA can appear twice and be easily mistaken, unless it is prefixed by its zone. It is frustrating to go on a wild goose chase for endless miles during a rainy night to a non-existing R.V. only to find out that one's presence was required in the next grid zone. The grid reference can be coded in its normal fashion but must be emphasized by the prefix (zone) followed by the coded nominator.

To sum-up, the confusing UTM grid zone problem can be easily solved by the following practical remedies:

- a. by separately recording the pertinent marginal information should maps be glued together;
- b. by only glueing strips of longitudinal maps with their marginal information intact;
- c. by establishing a priority calibration policy with points near the boundaries of adjacent zones;
- d. by using a different set of fully calibrated instruments for each zone;
- e. by briefing all map users, including the other combat arms and their service support on the problems associated with the zonal conversions; and
- f. by coding doubtful grid references with their zone designators.

The problem of grid zones within the UTM grid is very interesting because it makes us sit-up and think. During peace-time operations, it is the salt on the turkey which

makes our often repetitive work palatable. During war, our peace-time training and full understanding of the problem will pay off handsomely by bringing down accurate fire support across zonal frontiers.



Example of vastly different magnetic variations for nearly identical geographic locations.

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c/o CO 3 RCHA  
CFB Shilo  
Shilo, Manitoba  
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- deadline for entries 31 Jan 87;
- minimum size of print 3x5 inches;
- all submissions become the property of the CANADIAN GUNNER and will not be returned;
- require a short note explaining information about the photo and the photographer;
- judging will be conducted by a committee formed by representatives from CFB Shilo, 3 RCHA and the RCA Battle School;
- units are requested to promulgate this information in ROs; and
- winning photo and honourable mention photos will be published in the CANADIAN GUNNER.



*While the Editor-in-Chief of the "Canadian Gunner" observes, the President of the RCA Regimental Fund, Col LTB Mintz, presents the winner of the 1985 Photo Contest, Signalman CM Knight of Sigs Troop 3 RCHA, with his prize of \$100.*



The winning photograph of the inaugural "Canadian Gunner" RCA Photo contest entitled SALUTE, the picture was taken by Signalman C.M. Knight of Signal Troop, 3 RCHA, with a Contax 137 MA Quartz 35mm camera. The photo was taken 19 Nov. 84 during the RCA Junior Officers' Course on what is now the Leslie Parade Square at CFB Shilo.





# THE COLONEL GEOFFREY BROOKS MEMORIAL PRIZE ESSAY COMPETITION

## FOREWARD

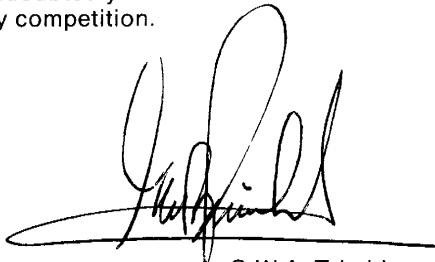
As an ex-Editor of the **Canadian Gunner** and contributor to the Sir Geoffrey Brooks Essay Competition, I was most pleased to assume the responsibilities of Editor-in-Chief and sit on the Judging Committee for the 1985 Competition.

As you are aware, the prize value has substantially increased with this year's competition, not only to underscore the inflationary effect of recent years, but also to encourage more quality participation by members of the Royal Regiment of Canadian Artillery. I would also call to your attention the change in eligibility rules which now open the competition to all who wear the Gunner hat badge.

With such diverse eligibility and substantial prize monies, the Judging Committee feels that essays should firstly be complete and printable as received from entrants. In many cases this will tax academic recollection and force entrants to not only develop suitable bibliographies, but also to peruse the pages of the Oxford dictionary. Additionally, essays can reasonably be expected to be innovative, break new ground in the doctrinal/employment/deployment fields, if not establish definitive parameters for ongoing dialogue in the search for solutions to ongoing problem areas.

This year no first prize was issued, reflecting the Judging Committee's wish to reserve the major prize for an essay of major impact on the Royal Regiment. A second prize, however, was awarded for an exciting essay which in turn may evolve a first prize submission from a member of our Corps for the 1986 Competition.

With the new eligibility rules and prize levels I encourage everyone to personally consider the merits of entering what is undoubtedly a most beneficial and rewarding prize essay competition.



G.W.A. Trimble  
Lieutenant-Colonel  
Editor-in-Chief

## Eligibility

All ranks of the Royal Regiment of Canadian Artillery.

## Topic

Write on any topic of general or specific military interest with an application to the Royal Regiment of Canadian Artillery.

## Rules

Essay entries should be between 3500 and 5000 words in length. They must be typewritten and submitted in quadruplicate.

The title and page of any published or unpublished work to which reference has been made, or from which extracts have been taken, must be quoted.

Authorship of entries must be strictly anonymous.

Each competitor will adopt a motto or nom de plume which will be quoted at the top of the entry.

A sealed envelope will be enclosed with the entry. This envelope will contain the service number, rank, name and address of the competitor but will have the appropriate motto or nom de plume only typewritten on the outside.

Entries are to be addressed to the Editor of the **Canadian Gunner**, CFB Shilo, Manitoba, and marked "The Colonel Geoffrey Brooks Memorial Prize Essay Competition". They must reach the office of the **Canadian Gunner** by 31 December 1986.

## Prizes

First — \$500.00      Second — \$250.00

## Judging

The Editor will arrange for a committee to judge the entries. The decisions of this committee will be final.

Results will be made known in the next issue of **The Canadian Gunner**, and the winning essay will be published in that issue.

If, in the opinion of the judges, no entry is of the required standard, prizes will not be awarded.

The Editor and Staff of the **Canadian Gunner** cannot be held responsible for the loss or return of any essay submitted; nor shall they incur any liability whatsoever in connection with the receipt, dealings, judging and reports of essays.

The copyright of any essay which is published in **The Canadian Gunner** will belong to the RCA NPP.

## 1985 Competition

Four essays of suitable quality were received in 1985. First prize was not awarded; Second prize was awarded to Capt. J.G. McAlpine of the AD Artillery School.

## THE LEADERSHIP PROBLEM:

THE LEADER  
by Capt J.G. McAlpine

Leadership has long been a topic of considerable concern to the military. History has often witnessed a nation solve the puzzle, triumph, endure, then decline because it was oblivious of the riddle's changing nature. The persistent, yet evasive problem stems from the requirement to recognize leadership ability early in the careers of officers both commissioned and non commissioned. Equally important is the need for leadership development so as to ensure that leaders are appropriately placed within the armed force.

This essay questions the relevance of our current thinking which focuses on leadership when the key lies with the leader. An attempt is made to underline the perceived shortfalls and some suggested solutions are offered.

If a plan is to foster the desired outcome the aim must be correct. It is at this point where our system begins to wander. Our accepted definition of leadership is

"the art of influencing human behaviour in order to accomplish a mission in the manner desired by the leader".<sup>1</sup>

The problems begin with our perception of how to implement this requirement. This results in the common shortfall of:

"attempting to find what personal qualities and traits distinguished leaders from those who were not leaders".<sup>2</sup>

This has led to the predictable conclusion that:

"leaders differ from each other in about as many ways as other individuals differ".<sup>3</sup>

Although our current publications aim at avoiding this pitfall, they are unsuccessful. The reason is this: they define leadership in an attempt to define the leader. The result is exactly what was hoped would be avoided.

The aim must define the end result. Another definition might be:

"A leader is an individual who has the highest position in a group in terms of status".<sup>4</sup>

Status, as it applies here and for the rest of this paper, is defined as power, or effective initiative. With this in mind, it should be clear that such an individual must have more than an acquaintance or a familiarity with human behavior and the aspects of group functioning. The leader must understand it. Only then can he recognize how membership in a group affects the individual judgement of others.

Canadians make up a group, the Canadian military another, the army another, and within it are many more based on classifications, trades, units and sub-units until we find the basic unit, the soldier. Each soldier is an individual who differs due to heredity, intelligence, attitudes, norms, prejudices and personality to list but a few reasons. These individuals do not perform in solitude, however. For example:

"the mere presence of another person watching our actions, or performing the same task beside us, or agreeing to a request, does affect our own experience and behaviour. The effects of others on our behaviour may be manifested in increased self-consciousness or greater absorption in the task, by greater clumsiness or more skill. . ."<sup>5</sup>

A military group like a unit is on one hand tightly structured by sub-units, while, at the same time it is more loosely structured by rank, where there exist informal groups, each of which have certain norms. The individual is likely to have a different status and role in each. For example, the private or lieutenant who is at the same time the head of a family, the junior battery commander or the commanding officer of a unit which is low in the base hierarchy. Leaders must be able to appreciate where they, their superiors and their subordinates fit into this complex Venn diagram. Only then can they begin to understand the reactions of their superiors, themselves and their men under a variety of situations. For example, why do junior officers tend to shy away from getting to know their men by performing maintenance tasks with them? Why do some soldiers perform so well "from the water tower out," while others prefer garrison? How do some officers know when to leave the NCO's to do their jobs and only step in at the right time? Answers like confidence, motivation, experience may account for part of the explanations. An understanding of human behaviour may also help. The troop officer, even if dressed in coveralls, cannot easily become a card-carrying member of a mixed group of privates and corporals performing a task. There are many reasons which affect his initiation into the group. Among the list of variables are everyone's personal attitudes toward the idea, due partly to prejudices and social norms, his perceived ability to perform the tasks as a member of that group, their perception and assessment of his ability to perform those tasks, the attitude of the informal leader of that group . . . ad nauseum, but to make the situation even more uncomfortable for everyone involved, the sergeants are standing there supervising the whole thing! Little wonder that the junior officers prefer paperwork in the sanctity of their offices. An often heard answer to this is that junior officers did not get offices under the "old system". This forced them out onto the floor with the men. Doubtless, they had their means of escape too. But

perhaps they were all accepted as equals, just one, big, happy family, each knowing and respecting each other's likes and dislikes.

The junior officer is no more the natural leader in such circumstances than someone from another planet! This does not mean that he should be or that he wants to be. He is just trying to do what either he or his leader (or both) determined was necessary in order to "know his men".

He does become a leader when on parade or in the field however. Then there is no question as to who is in command when the junior officer orders "Troop, ATTENTION!" or "FIRE MISSION BATTERY!" This is not to say that these are the only circumstances in which he is a leader. If the leader is already a member of the same group, then the reactions are normally much more positive. For example the tank troop commander, (be he an officer of a senior NCO), the F.O.O. or the command post officer are less likely to resist doing maintenance with their group. The point is that he must recognize when and why he has a role and status, i.e., the power or effective initiative. The problems stem from a training approach which only teaches him his role and status as a leader. Although while undergoing training he performed in lesser roles with varying degrees of status within various groups, he may never have really understood why. Because there are so many variables which influence human behaviour, perhaps his perception of lesser roles and status was not what was intended.

The same type of understanding of human behaviour is required if the leader is to be effective with subordinates who perform inconsistently, or conversely the senior NCO needs to understand why his superior's performance varies as it does.

A common approach is to expose leaders to briefings on the topic of leadership. These are often given by experienced leaders, for example a Commanding Officer and a Regimental Sergeant Major. In so doing we are trying to teach experience. The same is true of lectures or polite seminars on the subject. For example, the subject is officer-senior NCO relationships. Even if the listener does not have too many preconceived ideas and he really does try to assimilate all of this experience, he perceives it in his own terms. Later, if when a similar situation presents itself and the senior NCO, the junior officer or even the senior officer then tries to implement his perception of what was successful for someone else, he may or may not be successful. What will he do if it is not successful? He will probably react in a manner which he considered to be correct in the first place. If he is successful with someone else's solution he may not understand why because it was not his own. The probability of continued success with this approach decreases rapidly. The intent is for the developing leader to apply known principles of leadership, but if he knows not why they have become principles, then he is unlikely to employ them effectively. Normally the capabilities and vulnerabilities of weapons and organizations must be thoroughly understood before expecting a leader to effectively apply the principles of war.

As was stated in the introduction, our current publications do try to employ an understanding of human behaviour in their treatise on leadership. The reason that they fall short of their aim is that they treat leadership mostly from a sociological point of view. Sociology is sometimes rather disparagingly defined as "a study of the obvious". To dismiss that definition without recognizing its wit risks being labeled dull. Why are some leaders accused of "not being able to see the forest for the trees"? Conversely how refreshing it is to be in contact with one who can quickly identify the real issues. Some of the existing publications actually promote assumption and

prejudice. These are obstacles to the leader.

Sociology and psychology are related, in fact they are indivisible. The leader must understand not only that his soldiers are what they are, but he must also strive to understand why they are that way, so as to be able to induce change. He does this in an attempt to unite the groups toward the pursuit of the correct objective. This is where the leader graduates from being a tradesman or a professional and becomes an artist. Art infers a high degree of skill. Skill requires knowledge, experience, and above all, talent. Armed with the tools of knowledge and experience, the leader can now improve his talent. Talent, while often described as a gift, is more precisely a product of heredity, continued experience at a higher level, and personal commitment.

This is not to suggest that all military leaders need to become psychologists. Although this might be desirable, it would not be feasible. However, as the leader's status increases, so should the requirement for leadership or artistic ability. It might also be desirable for leaders to understand the appropriateness of the status held or about to be held by specific leaders. This is a reality of our system which is generally misunderstood. Wouldn't it be nice if junior leaders, streamers, and senior leaders accepted the role of the other. It could serve to reduce the cattiness and slander which now exists.

The artistry alluded to earlier refers to motivation. Without an understanding of human behaviour and the concept of homeostasis, the leader is unlikely to develop into a true artist. Homeostasis is defined in the Concise Oxford as the

"tendency towards relatively stable equilibrium between interdependent elements, especially as maintained by physiological processes"<sup>6</sup>

Its application to leadership is this: human beings, therefore soldiers, have a physiological or basic need for equilibrium. One such motive is sleep. Military leaders are aware of this need, they even have to force it upon their subordinates during operational training. What they also need to know is that this need for equilibrium can be shifted either to increase or decrease output.

This is why during field exercises most of us can cope with less sleep, a harsher environment, more pressure, while still remaining as effective and perhaps even more effective. The same is true of most students on intensive courses.

On the other hand, when there is a lack of motives or motivation, the opposite effect is true. Soldiers in such a state resist even what they would normally expect of themselves. If one of the causes for this de-motivated state is leadership or more precisely, the lack thereof, then the soldier's performance may decrease even further. The extreme may be seen when, in cases of prolonged exposure to the ineffective leader, complacency turns to deviance. Examples of this phenomenon are brilliantly portrayed in the comedy series M.A.S.H. What happens when Major Frank Burns is appointed to or assumes command?

Studies done during World War II observed that:

"although distinctly outnumbered and in a strategic sense, quantitatively inferior in equipment, the German Army, on all fronts, maintained a high degree of organizational integrity and fighting effectiveness, through a series of almost unbroken retreats over a period of several years."<sup>7</sup>

Does this mean that Hitler was correct in his belief in Aryan superiority? Not necessarily. Most studies suggest that:

"rather, the fighting effectiveness of the German soldier apparently was determined mainly by the ability of his immediate primary group (his squad or section) to avoid social disintegration"<sup>8</sup>

What do they say about the tenacity of a cornered rabbit? What adrenaline does in the short term, the leader can do over the long term.

However, he should understand why this is possible and which style is likely to be the most successful in a given situation. For example, what is an appropriate style for the Airborne may not succeed at NDHQ.

One theory to account for the Soviet doctrine which places such emphasis on speed is this: the Soviets believe that because of the background of most of their soldiers, they will only be able to fight at their best for relatively short periods of time. A period of time which correlates to the length of the peak periods for farmers, planting and harvest seasons, about two weeks in duration. Their tactic of committing echelons is a direct result of this. They arrived at these conclusions by knowing their men just as we have concluded that the regimental system is right for us, because of our background.

Dr. Gabriel's **Crisis in Command** promoted the regimental system for Americans for the same reasons. He also related very candidly the terrible effects on morale which resulted from their military experiment. Although the leadership problem which was experienced in Viet Nam was not always the leader's fault, the double standard which was in place promoted further assumption, prejudice and demotivation. This sometimes manifested itself in the "fragging" of even good leaders just because they were officers. Benedict Spinoza recognized similar conditions three hundred years before that:

"Men are especially intolerant of serving and being ruled by their equals"<sup>9</sup>

The challenge facing the military leader is considerable. He must motivate men to overcome perhaps their strongest instinct, that of self-preservation.

Leadership style, although mentioned earlier, has more application here. The reader has only to reflect on personal or historical situations where leaders were credited with possessing some mystical or intuitive talent. It is more likely that such leaders understood that:

"leadership is effective within certain limits — the limits set by the established social norms of the group."<sup>10</sup>

How can such leaders be produced without the undue cost of training thousands of psychologists and then hoping that some of them develop into effective military leaders? We need to begin by introducing the correct instruction in psychology into our training system. An effort is noticeable in our leadership academies but there is still room for improvement. It may also be desirable for followers to know why they are as they are.

In essence, the problem is twofold. On one side is ignorance, while the other manifests itself in a gyroscopic attitude which maintains that it is correctly guiding the way whereas its inherent resistance to change compounds the error.

The leader needs to know man both as an individual and as a social being. In order for this to happen, the barriers of assumption and prejudice must come down.

The techniques exist and are now being employed in many business, medical, religious and military organizations. The approach involves learning and understanding. The training vehicles are group encounters. Its power increases with interest, although even the disinterested can be affected. It does not concern itself with background or status. It is beyond the scope of this paper to explain the concept further; those who have witnessed it will understand. For those who have not, there is nothing mysterious or dangerous about it although it can be very disturbing during the training.

A system in which leaders select leaders, then delegate status to them tends to differ from proven group

functioning. In so doing that system risks alienating the other members of the group. Unless that appointed leader then earns his status in the minds of all concerned, there may be significant problems. In order to avoid such a situation the leader must be better prepared for his role and status. This can only be achieved through knowledge, both of himself and of his men. The current training approach does not fully satisfy the requirement. Other ways should be investigated.

#### FOOTNOTES

- <sup>1</sup> CFP 131 (1) p 4-1
- <sup>2</sup> An Introduction to Psychology, James O. Whittaker, WB Sanders Co., 1970, p 625
- <sup>3</sup> Ibid p 625
- <sup>4</sup> Ibid p 623
- <sup>5</sup> Ibid p 120
- <sup>6</sup> The Concise Oxford Dictionary p 477
- <sup>7</sup> An Introduction to Psychology, James O. Whittaker, WB Saunders Co., 1970, p 166
- <sup>8</sup> Ibid p 166
- <sup>9</sup> Benedict Spinoza, Theologies-Political Treatise, 1670, Ch. 5
- <sup>10</sup> An Introduction to Psychology, James O. Whittaker, WB Saunders Co, 1970 p 629

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# COMMANDER HOME STATION ANNUAL REPORT ON RCA REGIMENTAL FUND

1985 was an interesting and progressive year for the RCA Regt Fund. Of course, the most salient event was that 1985 marks the first full year of operation for the RCA Regt Fund. The following is a brief recap of the Fund's financial activity.

## GENERAL

Total revenue for 1985 was \$66,472.00. The Fund has four sources of income which provided revenue as follows:

|                               |             |
|-------------------------------|-------------|
| a. Charitable Donations ..... | \$35,893.00 |
| Kit Shop .....                | 19,550.00   |
| Investments .....             | 9,374.00    |
| Other .....                   | 1,655.00    |
|                               | \$66,472.00 |

At the time of this writing approx 70% of Gunners are donating to the Regt Fund.

The total expenses for the Fund were as follows:

|                                   |             |
|-----------------------------------|-------------|
| a. Bursaries and Assistance ..... | \$ 2,250.00 |
| Soldier Recognition .....         | 11,044.00   |
| Publications and PR .....         | 9,189.00    |
| Property Maintenance .....        | 2,410.00    |
| Routine/Miscellaneous .....       | 9,599.00    |
| Museum .....                      | 19,847.00   |
| Special Projects .....            | 11,906.00   |
|                                   | \$66,245.00 |

Matching expenses to revenue, it can be seen that there is very little surplus.

## HIGHLIGHTS

A few of the numerous projects that the Regt Fund has been involved in over this past year are as follows:

- a. **Bursaries and Assistance** — two \$1,000.00 bursaries were granted to dependants of serving Gunners;
- b. **Publications/Public Relations** — The Quadrant has been a resounding success and further articles are solicited. The Fund also contributed \$5,000.00 towards the second publication of the "Gunners of Canada" Vol I and Vol II. Copies are available at the Kit Shop;
- c. **Property Maintenance** — Work on restoration matters are progressing, albeit, slowly. The budget was under spent by \$900.00. The shortfall occurs because some units were unable to spend the money allotted to them. It is hoped that 1986-87 will see us expend the planned figure;
- d. **Museum** — The Fund provided the RCA Museum with \$19,847.00. The Fund has also contributed \$30,000.00 towards the RCA Museum renovation project.

## RCA MUSEUM

With the upcoming acquisition of the Gregg Canadian Collection (approx 40 WW II vehicles, all of Canadian manufacture), the RCA Museum is rapidly becoming a major museum with national scope. Plans are progressing to raise funds for new construction to house the Gregg and our present collection. With this major acquisition, the RCA Museum will have in excess of 100 major pieces of military equipment. In terms of our collection's size, we are now second only to the Ottawa War Museum. The RCA Museum will require a significant portion of our resources over the upcoming years. It will quickly become the centre piece of all our public relations activity by drawing national attention. The museum is something of which all Gunners can be justly proud.

## RCA REGIMENTAL HQ

The good news does not stop at the Museum. At the time of writing, it seems fairly firm that some of the permanent manpower required to establish and operate a Regt HQ here at CFB Shilo will be forthcoming in APS 86. All of the details are not yet confirmed: however, it can be safely stated that both the RCA Museum and Kit Shop will receive some much needed manpower.

In conclusion, I would like to thank all of you who are presently contributing to the Regt Fund. For all of those who are not yet contributing, the action required to rectify this shortcoming is quite simple — go to your nearest pay office and make a pay assignment using code Y004. With the continued excellent support that the Fund is receiving, I see no reason why we cannot attain a 90% donation level. With that kind of support, 1986 will be a very prosperous year for the Royal Regiment.

## BALANCE SHEET

31 MAR 86

### CURRENT ASSETS

|                          |             |
|--------------------------|-------------|
| Bank                     | \$ 7,326.91 |
| Investments (Book Value) | 80,463.73   |
| Accounts Receivable      | 1,100.00    |
|                          | \$88,890.64 |

### LIABILITIES & CAPITAL

#### LIABILITIES

|                             |                    |
|-----------------------------|--------------------|
| Accounts Payable            |                    |
| — Arty Reunion '90          | \$ 2,753.99        |
| — Canadian Gunner           | 6,905.00           |
| — RCA Museum                | 750.00             |
| — Officers' Fund            | 10,200.00          |
| — Sergeants' Fund           | 8,000.00           |
| — Museum Renovation Project | 30,000.00          |
| Quadrant                    | 12.00              |
| Painting Fund               | 400.00             |
| <b>TOTAL LIABILITIES</b>    | <b>\$59,020.99</b> |

#### CAPITAL

|  |                    |
|--|--------------------|
| Beginning Capital 01 Apr 85            | \$18,458.04        |
| Gain for Period                        | 11,411.61          |
| Ending Capital 31 March 86             | \$29,869.65        |
| <b>TOTAL LIABILITIES &amp; CAPITAL</b> | <b>\$88,890.64</b> |



**THE ROYAL CANADIAN  
ARTILLERY REGIMENTAL FUND**

**What is it?**

The FUND is a CHARITABLE ORGANIZATION of the RCA (Regular). It was formed on 18 November 1984 by combining the assets of the RCA Central Funds into one. Its purpose is to financially support the non-public affairs (NPA) of The Regiment.

**What are the Non-Public Affairs (NPA)?**

First of all, the aim of NPA is "to preserve our historical traditions and values and to help define, promote and support the distinctiveness, character and well-being of our Regiment". We will do this by conducting the following activities (details will be published in an appropriate Gunner manual):

- a. **Gunner Recognition**  
"Kit out" recruits at the RCA Battle School;  
Top student awards on various courses;  
Long service recognition;  
Recognition on retirement.
- b. **Bursaries**  
To encourage members and eligible dependents to further their education (details in CFSOs).
- c. **Emergency Assistance**  
Financial assistance to Gunners in need.
- d. **Museums, Memorials and Monuments**  
To help run the RCA Museum and maintain Gunner monuments and memorials.
- e. **Information and Publications**  
Publication of "The Canadian Gunner" and "The Quadrant", Gunner history, a manual for new Gunners, etc.
- f. **Non-Public Property**  
To help look after and acquire property of historical and sentimental value held at various units.
- g. **Miscellaneous and Special Projects**  
Among others, support to unit messes, "stand easy" areas, Freedom of City celebration, the RCA Band, and ceremonial dress upkeep.

**How much do these activities cost?**

The budget for 1986-87 is approximately \$70,000.00.

**Who manages the Fund?**

The Fund is governed by a board of officers and senior NCOs who meet at least once per year. The Fund is administered through the Commander, Home Station RCA, CFB Shilo.

**Who are members of the Fund?**

Your annual contribution assures your membership in good standing.

**How much should I contribute?**

The minimum monthly contribution requested is given in the following table:

|          |                     |
|----------|---------------------|
| Gnr      | - \$ 1.00 per month |
| Bdr/MBdr | - \$ 1.50           |
| Sgt      | - \$ 1.75           |
| WO       | - \$ 2.00           |
| MWO      | - \$ 3.00           |
| CWO      | - \$ 4.00           |
| OCdt/2Lt | - \$ 2.00           |
| Lt       | - \$ 3.00           |
| Capt     | - \$ 4.00           |
| Maj      | - \$ 5.00           |
| LCol     | - \$ 6.00           |
| Col      | - \$ 7.00           |
| BCen     | - \$ 8.00           |
| MGen     | - \$ 9.00           |
| LGen     | - \$10.00           |
| Gen      | - \$11.00           |

**How should I contribute?**

The simplest and preferred way is to make a pay assignment at your local pay office using the code "Y004".

**But what's in it for me?**

As a contributing member, you receive:

- a. "The Canadian Gunner" annually and "The Quadrant" (published twice a year),
- b. if a recruit, your first issue of RCA accoutrements and
- c. access to the bursaries, emergency assistance and all items in the "soldier recognition package" PLUS the tax advantage offered by your charitable contribution.

**How can I get more information?**

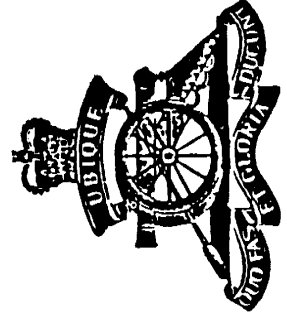
Financial statements, budgets and major decisions regarding the Fund will be published annually in "The Canadian Gunner", and minutes of Board meetings will be widely distributed. More direct information may be obtained through your RCA unit CO, national ERE representative, local ERE representative (when and if established) or by directing your inquiries to:

The Commander, Home Station RCA  
Telephone: 204-765-4876 or

The RSM, Home Station RCA  
Telephone: 204-765-4621 or

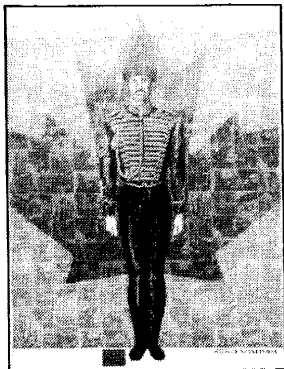
The Regimental Adjutant RCA  
Telephone: 204-765-4606

Canadian Forces Base Shilo  
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**LE FONDS REGIMENTAIRE DE  
L'ARTILLERIE ROYALE CANADIENNE**

**De quoi s'agit-il?**

Le fonds est un organisme charitable de l'ARC (force régulière). Il a été formé le 18 novembre 1984 en réunissant en un seul les actifs des fonds centraux de l'ARC. Il a pour objectif d'appuyer financièrement les affaires non-publiques (ANP) du régiment.

**Que sont les affaires non-publiques (ANP)?**

L'objectif premier des ANP est de conserver nos traditions et valeurs historiques et aider à définir, promouvoir et appuyer le caractère distinctif, la réputation et le bien-être de notre régiment. Nous y arriverons au moyen des activités suivantes (dont les détails seront publiés dans un manuel approprié de l'artilleur):

- Gages de reconnaissance aux artilleurs  
Équipement initial des recrues à l'École de combat de l'ARC;  
Récompenses aux meilleurs étudiants à divers cours;  
Reconnaissance du long service;  
Reconnaissance au moment de la retraite.
- Bourses  
Pour encourager les militaires et les personnes à leur charge admissibles à poursuivre leurs études (détails dans les OSFC).
- Aide d'urgence  
Aide financière aux artilleurs dans le besoin.
- Musées et monuments  
Pour aider au fonctionnement et à l'entretien du musée de l'ARC et des monuments aux artilleurs.
- Information et publications  
Publication des périodiques "The Canadian Gunner" et "The Quadrant", de l'histoire de l'artillerie, d'un manuel pour les nouveaux artilleurs, etc.
- Biens non-publics  
Aider à l'entretien et à l'acquisition de biens d'une valeur historique et sentimentale à diverses unités.

**8. Projets divers et spéciaux**

Entre autres, appui aux mess d'unité, secteurs de repos, célébrations de "Droit de cit?", la musique de l'ARC et l'entretien des tenues de cérémonie.

**Quel est le coût de ces activités?**

Le budget pour 1986-87 est approximativement \$70,000.00.

**Qui administre le Fonds?**

Le Fonds est administré par un comité d'officiers et de sous-officiers supérieurs qui se réunissent au moins une fois par année. Le Fonds est administré par l'entremise du Commandant, La Maison Régimentaire de l'ARC BFC Shilo.

**Qui sont les membres du Fonds?**

Votre contribution annule votre assure d'être membre en règle.

**Quelle somme dois-je contribuer?**

Le tableau qui suit indique les contribution mensuels minimum exigés:

|                                |                    |
|--------------------------------|--------------------|
| Artilleur                      | - \$ 1.00 par mois |
| Bombardier/Bombardier-chef     | - \$ 1.50          |
| Sergent                        | - \$ 1.75          |
| Adjudant                       | - \$ 2.00          |
| Adjudant-maître                | - \$ 3.00          |
| Adjudant-chef                  | - \$ 4.00          |
| Élève-officier/Sour-lieutenant | - \$ 2.00          |
| Lieutenant                     | - \$ 3.00          |
| Capitaine                      | - \$ 4.00          |
| Major                          | - \$ 5.00          |
| Lieutenant-colonel             | - \$ 6.00          |
| Colonel                        | - \$ 7.00          |
| Brigadier-général              | - \$ 8.00          |
| Major-général                  | - \$ 9.00          |
| Lieutenant-général             | - \$10.00          |
| Général                        | - \$11.00          |

**Comment dois-je contribuer?**

Le moyen le plus simple et le plus populaire consiste à faire une délégation de solde à votre bureau local de la solde, en utilisant le code "Y004".

**Quels sont les avantages de ma contribution? A titre de membre contribuant, vous recevez:**

- la publication annuelle "The Canadian Gunner" et le périodique "The Quadrant" (publié deux fois par année),
- si vous êtes une recrue, votre premier équipement de l'ARC, et
- vous devenez admissible aux bourses, à l'aide d'urgence et à tous les gages de reconnaissance mentionnés plus haut, PLUS les déductions d'impôt en raison de votre contribution à un organisme de charité.

**Comment puis-je obtenir des renseignements supplémentaires?**

Les états financiers, les budgets et les décisions importantes concernant le Fonds seront publiés chaque année dans "The Canadian Gunner", et les procès-verbaux des réunions du comité feront l'objet d'une large diffusion. Vous pouvez obtenir des renseignements plus directs par l'entremise du commandant de votre unité de l'ARC, du représentant national du personnel hors cadre, du représentant local du personnel hors cadre (di votre unité en est dotée) ou en adressant vos demandes de renseignements au:

Commandant, La Maison Régimentaire de l'ARC  
Téléphone: 204-765-4876 ou

SMR, La Maison Régimentaire de l'ARC  
Téléphone: 204-765-4621 ou

Capitaine-adjutant régimentaire de l'ARC  
Téléphone: 204-765-4606

Base des Forces Canadiennes Shilo  
Shilo, Manitoba  
R0K 2A0

## OFFICERS' LOCATION LIST

(As of 31 Dec. 85)

MGen Baker DR, NATO Staff College Rome

BGen Beaudry RP, DGRC Ottawa

BGen Cotter JA, DGC POL Ottawa

BGen Wheatley HR, FMCHQ St. Hubert

Col Archambault JHLC, NDC Kingston

Col Beno EB, CLFCSC Kingston

Col Calnan MD, CS Ottawa

Col Fleming JC, CFB Kingston

Col Hirter GR, CFA Office

Col Hurley RG, CPCSA Ottawa

Col James RK, NDC Kingston

Col MacInnis JA, DArty Ottawa

Col McGibbon DB, DCDS Ottawa

Col Mialkowski CJ, ATCCDS Augmt Ottawa

Col Mintz LT, CFB Shilo

Col Namiesniowski CA, CCSBMDE Ottawa

Col Simonds CR, ADM(POL) Ottawa

Col Walters DJ, DCDS Ottawa

Col Walton DB, RSS (Atlantic) Halifax

Col Wellsman WD, HQ UNFICYP (Cdn) Nicosia

LCol Branum LA, CTC Gagetown Arty School

LCol Briscoe JD, CFE HQ Lahr

LCol Brown MC, CDLS Washington, DC

LCol Chamberlain RJ, CFLS Ottawa

LCol Connolly NH, DCDS Ottawa

LCol Coroy AV, C PROG Ottawa

LCol Dallaire RA, DCDS Ottawa

LCol Davidson JA, FMCHQ St. Hubert

LCol Decker GA, PMO LLAD Ottawa

LCol Donahue JJ, ADM(POL) Ottawa

LCol Elrick RG, CFCSC Toronto

LCol Fitzgerald DC, DCDS Ottawa

LCol Guiler TJ, RSS (Prairie) Winnipeg

LCol Guy GM, CPD Ottawa

LCol Hague EC, FMCHQ St. Hubert

LCol Jeffery MK, Ex Duty UK

LCol Johnston WR, DCDS Ottawa

LCol LaForge FK, CFE HQ Lahr

LCol Lees BM, Cen Rgn HQ Det

LCol McGrath BTN, CLFCSC Kingston

LCol Miller JE, 1 RCHA Lahr

LCol Mitchell RB, 2 RCHA Petawawa

LCol Morrison MB, CFB Gagetown

LCol Mundell HP, CFB Chatham

LCol Oehring GJ, 4 CMBG HQ & Sig Sqn

LCol Phillips DJ, CFB Shilo

LCol Schott DG, CFB Gagetown

LCol Schrader EL, RZHQ(C) Toronto

LCol Sparling TAH, CPCSA Ottawa

LCol Stephenson BE, FMCHQ St. Hubert

LCol Tattersall JER, CFB Borden

LCol Thompson HD, CIS Ottawa

LCol Trepanier JG, 5 RALC Valcartier

LCol Trimble GW, 3 RCHA Shilo

LCol West LE, ADM(POL) Ottawa

LCol Wheeler T, FMCHQ St. Hubert

Maj Adams EJ, CFB Chilliwack

Maj Adkins LC, DCDS Ottawa

Maj Armstrong RB, NDHQ Ottawa

Maj Arp J, 3 RCHA Shilo

Maj Auger HM, 2 RCHA Petawawa

Maj Barabe JGJC, CFB Chatham

Maj Bernier JMN, CFCSC Toronto

Maj Bianco DB, CDLS London

Maj Boucher JLHL, 5 RALC Valcartier

Maj Boudreau JNGG, FMCHQ St. Hubert

Maj Bowles AB, ORAE Ottawa

Maj Brake FB, CFCSC Toronto

Maj Brewster TE, CFSS Toronto

Maj Bryce JE, CLFCSC Kingston

Maj Burnford RH, 1 RCHA Lahr

Maj Capstick MD, CFCSC Toronto

Maj Carnell AW, CFB Gagetown

Maj Cheadle WB, MARPAC HQ Esquimalt

Maj Clark MF, ADM(MAT) Ottawa

Maj Court AK, CDLS Washington, DC

Maj Couture JBA, Cdn Elm UNTSO

Maj Crosman PD, DCDS Ottawa

Maj Culligan JP, RCA Battle Sch Shilo

Maj Davis SM, 3 RCHA Shilo

Maj Dick JB, CB Rdr Augmt Ottawa

Maj Dorman JA, CFB Gagetown

Maj Douglas WJ, 2 RCHA Petawawa

Maj Doyon JRR, CFRC London

Maj Earl BG, PMO LLAD Ottawa

Maj Elrick DA, STANREP Australia

Maj Emery WA, CFB Esquimalt

Maj Filonik W, CFB Calgary Det Wainwright

Maj Fleury JJG, 5 RALC Valcartier

Maj Fraser JJ, 1 RCHA Lahr

Maj Gallant AG, RSS Atlantic Det

Maj Gallop GA, CFB Petawawa

Maj Gauthier JJB, 5 RALC Valcartier

Maj Gee WF, CFE HQ Lahr

Maj Gerow TD, CFB Shilo

Maj Gibbons IW, DCDS Ottawa

Maj Glover LE, Seclist Shilo

Maj Glover RG, DCDS Ottawa

Maj Grant DM, 3 RCHA Shilo

Maj Green SD, CFRC Saskatoon

Maj Greenizan OL, CPS Ottawa

Maj Gronbeck-Jones DA, DCDS Ottawa

Maj Gunn RD, PMO LLAD Ottawa

Maj Hague KC, CFCSC Toronto

Maj Hamilton BA, Ex Duty UK

Maj Hartnett DG, 3 RCHA Shilo

Maj Hidioglou YJ, 5 RALC Valcartier

Maj Hodgson RP, CFOCS Chilliwack

Maj Hopper DR, CFLO Estb Ft Bliss, Texas

Maj Hoyland R, 3 RCHA Shilo

Maj Hyman DG, DCDS Ottawa

Maj Hyslop RM, DCDS Ottawa

Maj Itani TT, DCDS Ottawa

Maj Joudry SJ, NRHQ Yellowknife

Maj Kennedy JC, CENTAG HQ Heidelberg

Maj Kerr GD, ATCCDS Augmt Ottawa

Maj Knapp JB, 2 RCHA Petawawa

Maj Kramers PJ, 2 RCHA Petawawa

Maj Krauter JDL, CTC Gagetown

Maj Kyle RG, 1 RCHA Lahr

Maj Lacroix JCR, 5 RALC Valcartier

Maj Lawrence GR, CFLO Estb Ft Sill, Okla

Maj Learmonth PR, RRCM Victoria

Maj LeClair DJ, CFB Petawawa

Maj Lemieux JMR, FMCHQ St. Hubert

Maj Lockridge DA, CTC Gagetown

Maj MacBride JE, CFLO Estb Dover, NJ

Maj MacLeod BW, CTC Gagetown

Maj MacNeil WR, MARCOM HQ

Maj Marceau JAGP, FMCHQ St. Hubert

Maj McKay JA, CIS Ottawa  
 Maj McLaughlin DN, CPCS Ottawa  
 Maj Melnyk TW, CEM Ottawa  
 Maj Milne DCD, CS Arty Ottawa  
 Maj Moogk CA, DREV Valcartier  
 Maj Mooney TD, 3 RCHA Shilo  
 Maj Moreside DS, 4 CMBG HQ & Sig Sqn  
 Maj Nielsen PV, 1 RCHA Lahr  
 Maj Palmer AZ, CS Arty Ottawa  
 Maj Peterson DE, DCDS Ottawa  
 Maj Pleasance JR, CPCS Ottawa  
 Maj Read DW, CFCSC Toronto  
 Maj Richard JGA, 5 RALC Valcartier  
 Maj Ross DL, 1 RCHA Lahr  
 Maj Ross TP, Seclist Shilo  
 Maj Roszell JA, RSS (Central) Toronto  
 Maj Saunders BS, CTC Gagetown  
 Maj Sawatzki GH, ORAE Ottawa  
 Maj Sawicki JCA, RSS (Prairie) Winnipeg  
 Maj Scott GD, CFB Kingston  
 Maj Scott WM, RSS (Prairie) Winnipeg  
 Maj Selbie JJ, CFB Montreal  
 Maj Selman RJM, 1 RCHA Lahr  
 Maj Simister HN, CFRC Saint John  
 Maj Smith GR, ATCCDS Augmt Ottawa  
 Maj Soucie WJ, FMCHQ St. Hubert  
 Maj Stewart JC, CTC Gagetown  
 Maj Stowell RC, PMO LLAD Ottawa  
 Maj Takahashi SS, RSS (Pacific) Vancouver  
 Maj Tolson SM, RSS Central Det  
 Maj Vanstone JM, CFB Chatham  
 Maj Walker GM, DCDS Ottawa  
 Maj Watling WR, RSS (Atlantic)  
 Maj Welykholowa WD, CFCSC Toronto  
 Maj Wilson AJ, Ex Duty UK  
 Maj Wilson RS, FMCHQ St. Hubert  
 Maj Winter MJ, CTC Gagetown  
  
 Capt Anderson IW, 5 RALC Valcartier  
 Capt Araujo LA, 1 RCHA Lahr  
 Capt Armstrong MB, CDLS London  
 Capt Aubin FM, CTC Gagetown  
 Capt Bablitz CW, SSF HQ & Sig Sqn Petawawa  
 Capt Baker TW, 2 RCHA Petawawa  
 Capt Banks RJ, RSS (Prairie) Winnipeg  
 Capt Barnes SC, CTC Gagetown  
 Capt Beardmore RJ, RRM C Esquimalt  
 Capt Beare MA, CDLS London  
 Capt Beauchemin JAM, RSS Quebec Det  
 Capt Beauchemin JLAM, RSS (Eastern)  
 Capt Beausejour JJGP, CTC Gagetown  
 Capt Beese JW, N/T Proj Ottawa  
 Capt Beler SR, 2 RCHA Petawawa  
 Capt Belway RP, 1 RCHA Lahr  
 Capt Boily JCL, 1 RCHA Lahr  
 Capt Boissonneault JGS, 5 RALC Valcartier  
 Capt Bonnet MF, RSS Quebec Det  
 Capt Boudreau JCD, CFRC Montreal  
 Capt Brault JNJ, 5 RALC Valcartier  
 Capt Bruneau JEPP, CTC Gagetown  
 Capt Brynkus WJ, CFB Chatham  
 Capt Bulloch JR, RSS (Central)  
 Capt Burrige JS, PMO LLAD Ottawa  
 Capt Calnan MTA, CFB Shilo  
 Capt Campbell EG, CTC Gagetown  
 Capt Cantin PER, 5 RALC Valcartier  
 Capt Carroll AP, Aircom HQ  
 Capt Carter AG, RSS Prairie Det  
 Capt Carter CS, 1 RCHA Lahr  
 Capt Chaplin AB, RCA Battle Sch Shilo  
 Capt Chartres JP, Cdn Elm UNTSO  
  
 Capt Chupick DM, 1 RCHA Lahr  
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 Capt Duhamel JM, CTC Gagetown  
 Capt Dunne RP, RSS Atlantic Det  
 Capt Dupre JRG, CTC Gagetown  
 Capt Evoy KL, RSS (Atlantic)  
 Capt Finestone H, DCDS Ottawa  
 Capt Forsberg PW, CPCS Ottawa  
 Capt Gagnon EW, 2 RCHA Petawawa  
 Capt Gallant BI, CTC Gagetown  
 Capt Gates JDE, CDLS London  
 Capt Gemmell WR, RSS (Central)  
 Capt Gilewicz MP, 1 RCHA Lahr  
 Capt Gillies SJ, 5 RALC Valcartier  
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 Capt Harvey JGA, CTC Gagetown  
 Capt Haskell RP, RSS Atlantic Det  
 Capt Hawkins BC, Ex Duty Australia  
 Capt Heenan PJ, 5 RALC Valcartier  
 Capt Hewes MW, CFE HQ Lahr  
 Capt Hodgson MD, 1 RCHA Lahr  
 Capt Holt DC, CFB Lahr  
 Capt Hynes KD, CFB Chatham  
 Capt Jarrett RG, CFB Chatham  
 Capt Jean JRS, CFOCS Chilliwack  
 Capt Jobe DN, RSS Prairie Det  
 Capt Johnson GL, CTC Gagetown  
 Capt Johnston SP, CDLS London  
 Capt Jourdeuil JCP, CFOCS Chilliwack  
 Capt Juneau JAFJ, CTC Gagetown  
 Capt Justice TC, Ex Duty Europe  
 Capt Kearney PE, 3 RCHA Shilo  
 Capt Keffer KT, 3 RCHA Shilo  
 Capt Kempffer LC, CEM Ottawa  
 Capt Kennedy ME, CLFCSC Kingston  
 Capt Kennedy MN, CEM Ottawa  
 Capt Kilford CR, 3 RCHA Shilo  
 Capt Klimaszewski ML, 1 RCHA Lahr  
 Capt Kochanski HA, CTC Gagetown

Capt Kokkonen RJ, CFRC Calgary  
 Capt Laberge JRA, FMCHQ St. Hubert  
 Capt Lang JGJ, FMCHQ St. Hubert  
 Capt Laporte JLM, CTC Gagetown  
 Capt Larocque CWJ, FMCHQ St. Hubert  
 Capt Last DM, 1 RCHA Lahr  
 Capt Laurialt JES, RSS (Eastern)  
 Capt Lavallee JLCM, CMR St-Jean  
 Capt Lebreton JH, DREV Valcartier  
 Capt Lelievre WT, CTC Gagetown  
 Capt Lemieux JAA, 5 RALC Valcartier  
 Capt Lepine JPF, 5 RALC Valcartier  
 Capt Leslie AB, 2 RCHA Petawawa  
 Capt Liddy GF, CFRC Det  
 Capt Light PA, RSS Prairie Det Regina  
 Capt Lind GD, RCA Battle Sch Shilo  
 Capt Lord JEG, 129 AAD Bty Lahr  
 Capt MacInnes JM, CFB Petawawa  
 Capt MacLeod DH, CTC Gagetown  
 Capt MacMillan WA, RSS (Pacific)  
 Capt Mader LR, RSS (Eastern)  
 Capt Mahar BB, MARCOM HQ  
 Capt Manson GR, CFB Chilliwack  
 Capt Marshall DD, 1 RCHA Lahr  
 Capt Marston AM, RSS Pacific Det  
 Capt Matheson RH, 3 RCHA Shilo  
 Capt McAlpine JG, CFB Chatham  
 Capt McCuish DA, CTC Gagetown  
 Capt McIntosh AD, CTC Gagetown  
 Capt McLean JA, CTC Gagetown  
 Capt McNair JB, 1 RCHA Lahr  
 Capt McRobbie WD, C PROG Ottawa  
 Capt McTaggart AE, CPS Ottawa  
 Capt Miller RM, 1 RCHA Lahr  
 Capt Mills AG, AIRCOM HQ Winnipeg  
 Capt Mitton LC, CFB Gagetown  
 Capt Morgan JD, FMCHQ St. Hubert  
 Capt Morley JM, CFNBCS Borden  
 Capt Mortlock JW, CABE Edmonton  
 Capt Mouton JLMA, RCA Battle Sch Shilo  
 Capt Mussolum MG, CTC Gagetown  
 Capt Nauss DC, 2 RCHA Petawawa  
 Capt Neale MH, CTC Gagetown  
 Capt Nickerson SL, 4 CMBG HQ & Sig Sqn Lahr  
 Capt Oderkirk CG, CFRC Edmonton  
 Capt Ouellette JMR, DCDS Ottawa  
 Capt Ouellette JPE, CTC Gagetown  
 Capt Pellan JJJ, CFB Chatham  
 Capt Perry MA, CFB Gagetown  
 Capt Petryk JM, SSF HQ & Sig Sqn Petawawa  
 Capt Pinsonneault JLL, CTC Gagetown  
 Capt Poirier JGAJ, 1 RCHA Lahr  
 Capt Poirier RR, 128 AAD Bty Baden  
 Capt Pond TR, CFB Gagetown  
 Capt Popovich MJ, FMCHQ St. Hubert  
 Capt Poulin BS, 5 RALC Valcartier  
 Capt Proulx JJSB, 1 RCHA Lahr  
 Capt Quesnelle DMA, CPCS Ottawa  
 Capt Ramsay WC, FMCHQ Det  
 Capt Rennett WA, CTC Gagetown  
 Capt Rice HJ, RSS (Pacific)  
 Capt Ross CJ, 1 RCHA Lahr  
 Capt Rowdon RDC, CFLS Borden  
 Capt Roy RC, 3 RCHA Shilo  
 Capt Ryan JH, CFB Chilliwack  
 Capt Sauve JFC, RSS Quebec Det  
 Capt Sauve MR, CFSS Toronto  
 Capt Schell RA, CFE HQ Lahr  
 Capt Shellnutt WM, DCDS Ottawa  
 Capt Sherrard LB, Ex Duty USA Ft. Sill, Okla  
 Capt Simonds CG, CFANS Winnipeg

Capt Slievert JP, CFB Petawawa  
 Capt Somers JH, CTC Gagetown  
 Capt Spencer RL, RSS Prairie Det  
 Capt St. Laurent JJ, RSS Central Det  
 Capt Stone JC, 1 RCHA Lahr  
 Capt Strachan SB, CFB Chatham  
 Capt Strilchuk DA, FMCHQ St. Hubert  
 Capt Summerhays DH, CTC Gagetown  
 Capt Theberge JLJ, 5 CBG HQ & Sig Sqn  
 Capt Trask MA, RSS Central Det  
 Capt Travis BW, CTC Gagetown  
 Capt Tremblay JGG, 5 RALC  
 Capt Tremblay JMR, Ex Duty Europe  
 Capt Troup VA, CFRS Cornwallis  
 Capt Troup KG, 3 RCHA Shilo  
 Capt Vandoesburg JGPP, FMCHQ St. Hubert  
 Capt Voss CR, CTC Gagetown  
 Capt Ward NR, CTC Gagetown  
 Capt Weatherbee AM, RSS Atlantic Det  
 Capt Wellsman WP, SARP Ottawa  
 Capt Wieland GJ, RSS Central Det  
 Capt Wiley DS, DCDS Ottawa  
 Capt Willis JW, CFB Chatham  
 Capt Wilson JGJD, CTC Gagetown  
 Capt Winters DR, CFB Gagetown  
 Capt Woloski GS, CTC Gagetown  
 Capt Zaharychuk DJ, RSS Prairie Det Brandon

Lt Audet JAY, 5 RALC Valcartier  
 Lt Audette MG, 2 RCHA Petawawa  
 Lt Baldwin PR, 2 RCHA Petawawa  
 Lt Beare SA, 1 RCHA Lahr  
 Lt Benay JGLR, CFB Chatham  
 Lt Billings TJ, 1 RCHA Lahr  
 Lt Bishop TJ, 2 RCHA Petawawa  
 Lt Blais JGJB, 5 RALC Valcartier  
 Lt Brown PE, CFB Montreal  
 Lt Cannell SE, 2 RCHA Petawawa  
 Lt Cantin JAC, CFB Chatham  
 Lt Clarke DG, 3 RCHA Shilo  
 Lt Cooper AG, CTC Gagetown  
 Lt Cowan SD, 3 RCHA Shilo  
 Lt Crawford DS, ADM (FIN) Ottawa  
 Lt Creelman JG, 3 RCHA Shilo  
 Lt Crowell EK, 3 RCHA Shilo  
 Lt Dame GF, 5 RALC Valcartier  
 Lt Faucher JLB, 5 RALC Valcartier  
 Lt Fisher JR, 1 RCHA Lahr  
 Lt Gauvin BA, 3 RCHA Shilo  
 Lt Gillespie DA, 1 RCHA Lahr  
 Lt Grondin JJGR, 5 RALC Valcartier  
 Lt Hellmeister RD, CTC Gagetown  
 Lt Herod LW, 2 RCHA Petawawa  
 Lt Hetherington SC, 2 RCHA Petawawa  
 Lt Hollin DW, 2 RCHA Petawawa  
 Lt Howard AJ, 1 RCHA Lahr  
 Lt Jenness DG, 2 RCHA Petawawa  
 Lt Johnson SAA, 1 RCHA Lahr  
 Lt Keen WM, 1 RCHA Lahr  
 Lt Kiropoulos S, 3 RCHA Shilo  
 Lt Knowles CD, CTC Gagetown  
 Lt Lafortune JCYF, 1 RCHA Lahr  
 Lt Langen DJ, 2 RCHA Petawawa  
 Lt Lavoie JAM, 5 RALC Valcartier  
 Lt Lazar Z, 2 RCHA Petawawa  
 Lt Leblanc RGB, CTC Gagetown  
 Lt Lemieux JML, 5 RALC Valcartier  
 Lt Levatte TW, 1 RCHA Lahr  
 Lt Lott RS, 2 RCHA Petawawa  
 Lt MacPherson DG, 1 RCHA Lahr  
 Lt MacVicar IC, 1 RCHA Lahr

Lt Magnan JCL, 5 RALC Valcartier  
 Lt Marback BJE, 2 RCHA Petawawa  
 Lt Martin DP, 1 RCHA Lahr  
 Lt Masse JAP, 5 RALC Valcartier  
 Lt Matthews RC, 3 RCHA Shilo  
 Lt McKean MC, RCA Battle Sch Shilo  
 Lt Mieztis IA, 5 RALC Valcartier  
 Lt Murphy MF, 5 RALC Valcartier  
 Lt Neville MD, 1 RCHA Lahr  
 Lt O'Connor JRD, 1 RCHA Lahr  
 Lt Paquet JR, RCA Battle Sch Shilo  
 Lt Pedneault JA, 5 RALC Valcartier  
 Lt Pentland DDW, CTC Gagetown  
 Lt Perras DDG, 3 RCHA Shilo  
 Lt Plante JAMG, 5 RALC Valcartier  
 Lt Pollard KJ, 1 RCHA Lahr  
 Lt Pulchny JP, 2 RCHA Petawawa  
 Lt Robinson RG, 3 RCHA Shilo  
 Lt Roy RJ, 3 RCHA Shilo  
 Lt Shand DW, 3 RCHA Shilo  
 Lt St. Pierre JVJG, 5 RALC Valcartier  
 Lt Suh SK, 1 RCHA Lahr  
 Lt Tait WE, 1 RCHA Lahr  
 Lt Taylor RMG, CFB Montreal  
 Lt Tizzard DD, 3 RCHA Shilo  
 Lt Turgeon JRN, 5 RALC Valcartier  
 Lt Wykurz CA, 2 RCHA Petawawa

2Lt Aaltonen DA, 1 RCHA Lahr  
 2Lt Arslanian V, CTC Gagetown  
 2Lt Boston SJ, 1 RCHA Lahr  
 2Lt Bouchard JMC, 5 RALC Valcartier  
 2Lt Boulanger JRR, 2 RCHA Petawawa

2Lt Bower RJ, 3 RCHA Shilo  
 2Lt Bruce JE, 3 RCHA Shilo  
 2Lt Cotten KR, 3 RCHA Shilo  
 2Lt Fitzgeralds-Loman K, CTC Gagetown  
 2Lt Fowler TM, CTC Gagetown  
 2Lt Gravel JPA, CTC Gagetown  
 2Lt Hatcher GP, 3 RCHA Shilo  
 2Lt Hockings MS, 3 RCHA Shilo  
 2Lt Johnson GR, 2 RCHA Petawawa  
 2Lt Lavoie JR, 5 RALC Valcartier  
 2Lt LeFebvre JGP, 1 RCHA Lahr  
 2Lt Lesperance JJR, CTC Gagetown  
 2Lt Lessard JBG, 5 RALC Valcartier  
 2Lt Little WK, 3 RCHA Shilo  
 2Lt MacDonald MA, 2 RCHA Petawawa  
 2Lt MacLachlan HGM, 3 RCHA Shilo  
 2Lt Martin JHR, 5 RALC Valcartier  
 2Lt Mathieu SP, 5 RALC Valcartier  
 2Lt Michaud KAR, CTC Gagetown  
 2Lt Morgan DJF, 3 RCHA Shilo  
 2Lt Munkittrick CDJ, CTC Gagetown  
 2Lt Paus RM, 5 RALC Valcartier  
 2Lt Perego MJ, 3 RCHA Shilo  
 2Lt Pickard BT, 3 RCHA Shilo  
 2Lt Poehlmann GW, 3 RCHA Shilo  
 2Lt Pollock SJ, 3 RCHA Shilo  
 2Lt Preaux PDD, 5 RALC Valcartier  
 2Lt St. Pierre F, CTC Gagetown  
 2Lt Theberge JMF, CTC Gagetown  
 2Lt Thompson SD, 3 RCHA Shilo  
 2Lt Tremblay JGE, 5 RALC Valcartier  
 2Lt Williams PJ, CTC Gagetown  
 2Lt Willis JC, 3 RCHA Shilo



## FORMER GUNNERS STILL SERVING

(As of 31 December 1985)

Col Cuppens LWF, 10 TAG HQ, St Hubert

LCol Coleman RC, DG Info Ottawa  
 LCol Foster DR, CIS Ottawa  
 LCol Glaus JV, CEM Ottawa  
 LCol Robb DM, CIS Ottawa  
 LCol Rooke DJ, 403 Sqn Gagetown  
 LCol Smith AHC, RMC Kingston  
 LCol Beatty DJ, CDLS London  
 LCol Ferguson DR, NDHQ L of C Det Europe

Maj Knight DC, SARP Ottawa  
 Maj Lewis WDW, DG Exec Sec Ottawa  
 Maj Ongman JO, DCDS Ottawa  
 Maj Pittman MA, CIS Ottawa  
 Maj Resch GD, RRCM Esquimalt  
 Maj Van Rooyen OE, CFSE CENTAG/ATF  
 Heidelberg, Germany  
 Maj Varey KD, CFB Kingston  
 Maj Wenek KW, CFPARU Toronto

Capt Brown DH, CFTSHQ Trenton  
 Capt Dumont JJM, RSS Eastern Montreal  
 Capt Eamor HR, CFB Toronto  
 Capt Ellery HC, CFB Portage  
 Capt Gower GF, CFB Shearwater  
 Capt Grant RJG, 442 (T&R) Sqn Comox  
 Capt Haynes FC, DCDS Ottawa  
 Capt Howell RJ, CFSIS Borden  
 Capt King RT, DCDS Ottawa  
 Capt King WD, NDHQ/AU Ottawa  
 Capt Kryzanowski MA, CLFCSC Kingston  
 Capt Nixon JW, CIS Ottawa  
 Capt Thompson DJ, NDHQ Chief of Supply  
 Capt Whalen DI, Reg HQ Det Toronto  
 Capt Woroschuk RJ, CFB North Bay

## WARRANT OFFICERS AND SERGEANTS LOCATION LIST

(As of 31 Dec 85)

CWO Bowden CM, CEM Ottawa  
CWO Brown GN, CTC Gagetown  
CWO Clow MD, CS Ottawa  
CWO Darby WG, PMO LLAD Ottawa  
CWO Deroy JP, PETE Nicolet  
CWO Flanagan JR, DCDS Ottawa  
CWO Francis CD, AD Arty School Chatham  
CWO Gallinger PC, CB Rdr Augmt Ottawa  
CWO Gore GW, CEM Ottawa  
CWO Guttin DA, 1 RCHA Lahr  
CWO Hautcoeur JJ, DREV Valcartier  
CWO Heitshu RA, CEM Ottawa  
CWO Jacob TG, NDHQ/AU Ottawa  
CWO Lavigne AJ, PETE Valcartier  
CWO LeBlanc AS, CPCS A Ottawa  
CWO MacDiarmid RW, CFB Petawawa  
CWO Martens WI, 408 Tac Hel Sqn Edmonton  
CWO McCulloch DA, CFB Shilo  
CWO Morris GJ, CTC Gagetown  
CWO Poire JD, PETE Nicolet  
CWO Poisson JL, DREV Valcartier  
CWO Russel DB, CFLS St-Jean  
CWO Skinner CR, RSS Central Det Brantford  
CWO Skinner LE, RCA Battle School Shilo  
CWO Tripp IJ, CFB Kingston  
CWO White VA, 3 RCHA Shilo  
CWO Wight RA, CFB Det Wainwright

MWO Andrews GJ, NDHQ Ottawa  
MWO Armstrong BN, AD Arty School Chatham  
MWO Bartlett R, 3 RCHA Shilo  
MWO Bernier JC, 5 RALC Valcartier  
MWO Bouchard JY, 5 RALC Valcartier  
MWO Bouskill JK, DREV Valcartier  
MWO Burgess AR, 3 RCHA Shilo  
MWO Byrne RD, 1 RCHA Lahr  
MWO Calhoun BF, CTC Gagetown  
MWO Clarke RW, 1 RCHA Lahr  
MWO Coombs ER, RMC Kingston  
MWO Cooper DR, CTC Gagetown  
MWO Corbett DR, ORAE Ottawa  
MWO Croucher DR, 119 AD Bty Chatham  
MWO Davis RE, CTC Gagetown  
MWO Day CR, 2 RCHA Petawawa  
MWO Deveau JG, DREV Valcartier  
MWO Debuc JR, PETE Nicolet  
MWO Dumont JM, 5 RALC Valcartier  
MWO Fairbanks W, 1 RCHA Lahr  
MWO Ferretti DH, 1 RCHA Lahr  
MWO Frantz RL, 1 RCHA Lahr  
MWO Furber AJ, 1 RCHA Lahr  
MWO Game TK, CTC Gagetown  
MWO Gero CE, RCA Battle School Shilo  
MWO Gillis GD, 5 RALC Valcartier  
MWO Greene DJ, 3 RCHA Shilo  
MWO Hamelin JE, 2 RCHA Petawawa  
MWO Johnson WA, 1 RCHA Lahr  
MWO King FG, CTC Gagetown  
MWO Leveille JN, 5 RALC Valcartier  
MWO Levesque JN, SUPY CPCS A Ottawa  
MWO Levesque JV, CFRS St-Jean  
MWO MacDonald HL, CTC Gagetown  
MWO MacLean WH, 1 RCHA Lahr  
MWO MacTavish GW, CFB Shilo  
MWO Maillet JA, 1 RCHA Lahr  
MWO Marsh AJ, 3 RCHA Shilo  
MWO Mason DF, 3 RCHA Shilo

MWO Melanson JR, CTC Gagetown  
MWO Merlin JB, 128 AAD Bty Baden  
MWO Murray CB, Cen Rgn HQ Det Toronto  
MWO Nixon JE, 2 RCHA Petawawa  
MWO Noseworthy WW, 3 RCHA Shilo  
MWO Parsons SH, 1 RCHA Lahr  
MWO Paul DD, 2 RCHA Petawawa  
MWO Peters RD, 3 RCHA Shilo  
MWO Pineault JA, RSS Shawinigan  
MWO Ponton WJ, CTC Gagetown  
MWO Pottie ME, CTC Gagetown  
MWO Poulin JM, 5 RALC Valcartier  
MWO Raymond GN, 1 RCHA Lahr  
MWO Raymond JA, 5 RALC Valcartier  
MWO Richert KB, 5 RALC Valcartier  
MWO Robichaud JR, AD Arty School Chatham  
MWO Rogers WK, 3 RCHA Shilo  
MWO Ross EH, CTC Gagetown  
MWO Sandul JP, 1 RCHA Lahr  
MWO Stebner P, CFLA Borden  
MWO Stickland CW, CFB Halifax Det Gagetown  
MWO Toll EM, CTC Gagetown  
MWO Tomaso DL, 2 RCHA Petawawa  
MWO Tremain WD, 2 RCHA Petawawa  
MWO Tremblay JG, 128 AAD Bty Lahr  
MWO Vaughan LV, CFB Gagetown  
MWO Walker ND, 3 RCHA Shilo  
MWO Walker RK, 1 RCHA Lahr  
MWO Worobey WG, RSS Prairie Det Edmonton  
MWO Yano VT, RSS Vancouver  
MWO Young M, CTC Gagetown  
MWO Zacharuk NJ, FMCHQ Montreal

WO Argue JE, CTC Gagetown  
WO Bartholomew FK, CTC Gagetown  
WO Beck BW, 1 RCHA Lahr  
WO Bedore GE, AD Arty School Chatham  
WO Belanger JD, RSS Quebec City  
WO Bellemare JB, RSS Quebec City  
WO Blake CW, 2 RCHA Petawawa  
WO Boucher JH, 5 RALC Valcartier  
WO Bourget JL, CTC Gagetown  
WO Browton LA, 3 RCHA Shilo  
WO Brydges LT, CTC Gagetown  
WO Brydges SG, CTC Gagetown  
WO Budzalek WD, 2 RCHA Petawawa  
WO Burke BF, RSS London  
WO Byers WR, CTC Gagetown  
WO Cantin JW, R22ER Battle Sch, Quebec City  
WO Carlisle TM, CTC Gagetown  
WO Caron R, CTC Gagetown  
WO Cashin JE, RSS Halifax  
WO Collette JF, 5 RALC Valcartier  
WO Collins RR, 1 RCHA Lahr  
WO Comeau WH, CTC Gagetown  
WO Conrad PD, AD Arty School Chatham  
WO Corcoran CW, 1 RCHA Lahr  
WO Critchley AA, AD Arty School Chatham  
WO Critchley AJ, CTC Gagetown  
WO Cutcliffe RH, RSS Portage  
WO Dearman PM, CTC Gagetown  
WO Desmeules JH, AD Arty School Chatham  
WO Desroches JM, CTC Gagetown  
WO Desrosiers JF, CTC Gagetown  
WO Dulong AC, 5 RALC Valcartier  
WO Dwyer EB, 1 RCHA Lahr

WO Evans CM, CTC Gagetown  
 WO Fetterley AG, CTC Gagetown  
 WO Fournier J, CTC Gagetown  
 WO Francis WL, PETE Gagetown  
 WO Gadd A, CFOCS Chilliwack  
 WO Genest JR, RSS Montreal  
 WO Gimpel F, CTC Gagetown  
 WO Gingras RJ, AD Arty School Chatham  
 WO Goetz JJ, RSS Regina  
 WO Goodfellow LR, CTC Gagetown  
 WO Gosse EH, CFRS Cornwallis  
 WO Goulet JA, CTC Gagetown  
 WO Greenwood RC, 1 RCHA Lahr  
 WO Habing KR, AD Arty School Chatham  
 WO Haley PL, 5 RALC Valcartier  
 WO Halladay DR, CTC Gagetown  
 WO Hamelin J, 128 AAD Bty Baden  
 WO Hartholt TJ, CFB Gagetown  
 WO Hobor TA, CTC Gagetown  
 WO Hobson JE, CTC Gagetown  
 WO Howell RB, CTC Gagetown  
 WO Hunt JJ, 2 RCHA Petawawa  
 WO Ingram WJ, CTC Gagetown  
 WO Jackson JA, CTC Gagetown  
 WO Jackson JW, CTC Gagetown  
 WO Jordan JG, RSS Victoria  
 WO Kennedy WJ, CTC Gagetown  
 WO Lambert R, CTC Gagetown  
 WO Lavoie RM, 5 RALC Valcartier  
 WO Lee WB, 1 RCHA Lahr  
 WO Levesque JC, 5 RALC Valcartier  
 WO Lucas DR, CFB Shilo  
 WO MacGillivray BE, 408 Tac Hel Sqn Edmonton  
 WO MacLellan NJ, 3 RCHA Shilo  
 WO Mason GA, CTC Gagetown  
 WO McAvoy DV, CTC Gagetown  
 WO McLeod WC, 3 RCHA Shilo  
 WO Meehan DJ, 1 RCHA Lahr  
 WO Meehan DJ, CTC Gagetown  
 WO Michaud JA, CTC Gagetown  
 WO Mills EB, RCA Battle School Shilo  
 WO Montague RT, AD Arty School Chatham  
 WO Moores AC, 2 RCHA Petawawa  
 WO Moyles SP, 2 RCHA Petawawa  
 WO Norman KJ, RSS Yarmouth  
 WO Norris CV, CTC Gagetown  
 WO O'Donnell LP, 3 RCHA Shilo  
 WO Oliver RL, RSS Ottawa  
 WO Parker JW, RCA Battle School Shilo  
 WO Paterson GA, RSS Toronto  
 WO Payette JR, AD Arty School Chatham  
 WO Peers BW, 1 RCHA Lahr  
 WO Peloquin JE, CTC Gagetown  
 WO Piccini JM, RSS Yorkton  
 WO Pierunek RK, 3 RCHA Shilo  
 WO Pinard JR, RCA Battle School Shilo  
 WO Prefontaine JM, CTC Gagetown  
 WO Purcell RJ, CTC Gagetown  
 WO Rafuse JH, CTC Gagetown  
 WO Rheaume JA, 5 RALC Valcartier  
 WO Richard JR, CFRC Toronto  
 WO Ripley FC, CTC Gagetown  
 WO Robinson DH, CTC Gagetown  
 WO Rose WC, CTC Gagetown  
 WO Roy JY, CFRS St-Jean  
 WO Rutter FA, 2 RCHA Petawawa  
 WO Samms LB, RSS Gagetown  
 WO Schmidt GJ, AD Arty School Chatham  
 WO Searle WH, CFB Gagetown  
 WO Segard GM, CTC Gagetown  
 WO Sheaves RH, 2 RCHA Petawawa

WO Slack TG, AD Arty School Chatham  
 WO Stewart EG, 2 RCHA Petawawa  
 WO Stockhorst KB, CTC Gagetown  
 WO Tattersall WC, CTC Gagetown  
 WO Teale DW, 3 RCHA Shilo  
 WO Tonks TJ, CFOCS Chilliwack  
 WO Toupin JD, 1 RCHA Lahr  
 WO Trepanier JB, 129 AAD Bty Lahr  
 WO Ulrich JA, CTC Gagetown  
 WO Watts EA, CTC Gagetown  
 WO Weber WM, CFLA Borden  
 WO White F, AD Arty School Chatham  
 WO White PJ, 1 RCHA Lahr  
 WO Wilkie EG, RSS North Bay  
 WO Wilkins AR, CTC Gagetown  
 WO Williams WJ, CTC Gagetown  
 WO Wright BS, CTC Gagetown  
 WO Wylie EJ, CTC Gagetown

Sgt Allen RH, CTC Gagetown  
 Sgt Andreola L, 1 RCHA Lahr  
 Sgt Andrews AC, 3 RCHA Shilo  
 Sgt Andrews R, 1 RCHA Lahr  
 Sgt Andrews RW, Seclist Shilo  
 Sgt Angus MR, 3 RCHA Shilo  
 Sgt Anstey LS, 2 RCHA Petawawa  
 Sgt Armstrong AD, 408 Tac Hel Sqn Edmonton  
 Sgt Ayers RM, 2 RCHA Petawawa  
 Sgt Badour TJ, AD Arty School Chatham  
 Sgt Ball LB, 427 Tac Hel Sqn Petawawa  
 Sgt Barber CB, CFRC Hamilton  
 Sgt Barriault JR, 5 RALC Valcartier  
 Sgt Basker WC, 2 RCHA Petawawa  
 Sgt Batten DA, RCA Battle School Shilo  
 Sgt Beal EW, 427 Tac Hel Sqn Petawawa  
 Sgt Beaulieu JA, CFB Ottawa  
 Sgt Benoit JR, RCA Battle School Shilo  
 Sgt Bigras JL, 5 RALC Valcartier  
 Sgt Bill TA, 3 RCHA Shilo  
 Sgt Billard GE, CTC Gagetown  
 Sgt Blair EA, 2 RCHA Petawawa  
 Sgt Blais JE, RCA Battle School Shilo  
 Sgt Blouin JJ, 5 RALC Valcartier  
 Sgt Boivin JJ, 1 RCHA Lahr  
 Sgt Bouchard A, CFB Ottawa  
 Sgt Bouchard RE, AD Arty School Chatham  
 Sgt Bouchard RJ, CFRS St-Jean  
 Sgt Boudreau JH, 5 RALC Valcartier  
 Sgt Boyd JR, CFB Borden  
 Sgt Bradley JL, CFRC Saskatoon  
 Sgt Budd GC, CTC Gagetown  
 Sgt Bullock KG, CTC Gagetown  
 Sgt Bureau HR, 5 RALC Valcartier  
 Sgt Burgess ML, CFB Shilo  
 Sgt Bylow SJ, 1 RCHA Lahr  
 Sgt Cabana RJ, 5 RALC Valcartier  
 Sgt Cable IJ, 3 RCHA Shilo  
 Sgt Calille JJ, CTC Gagetown  
 Sgt Campbell WA, CTC Gagetown  
 Sgt Carrier JP, 1 RCHA Lahr  
 Sgt Carrier JE, 5 RALC Valcartier  
 Sgt Carrier M, 5 RALC Valcartier  
 Sgt Carson DC, 5 RALC Valcartier  
 Sgt Carvell JD, 1 RCHA Lahr  
 Sgt Carvery GL, CFRC Halifax  
 Sgt Chartrand ME, 5 RALC Valcartier  
 Sgt Chisholm VS, 2 RCHA Petawawa  
 Sgt Clark RG, 2 RCHA Petawawa  
 Sgt Clough RW, MARPAC HQ Victoria  
 Sgt Colclough SD, CTC Gagetown  
 Sgt Collins BA, 5 RALC Valcartier



Sgt Comars CD, CTC Gagetown  
 Sgt Comeau PJ, 1 RCHA Lahr  
 Sgt Conrad FM, 1 RCHA Lahr  
 Sgt Cooper GJ, CFRC Det Sydney  
 Sgt Corbeil JS, RCA Battle School Shilo  
 Sgt Corrigan RW, RCA Battle School Shilo  
 Sgt Corriveau JW, 5 RALC Valcartier  
 Sgt Couillard JC, 1 RCHA Lahr  
 Sgt Cox BA, 403 Hel OTS Gagetown  
 Sgt Cranford ML, 3 RCHA Shilo  
 Sgt Crawford Dr, 3 RCHA Shilo  
 Sgt Dandrea GH, Seclist Wainwright  
 Sgt Danis JL, 5 RALC Valcartier  
 Sgt Davidson CD, RSS Brandon  
 Sgt Delisle JB, 5 RALC Valcartier  
 Sgt Demers LJ, 5 RALC Valcartier  
 Sgt Demings AK, 3 RCHA Shilo  
 Sgt Desutter DR, 119 AD Bty Chatham  
 Sgt Dettrich HE, Seclist Shilo  
 Sgt Deziel JG, 5 RALC Valcartier  
 Sgt Dionne GP, 2 RCHA Petawawa  
 Sgt Doiron JC, RCHA Shilo  
 Sgt Donaldson DM, 1 RCHA Lahr  
 Sgt Doucette DE, Cen Rgn HQ Det North Bay  
 Sgt Doucette RA, AD Arty School Chatham  
 Sgt Downard DW, 3 RCHA Shilo  
 Sgt Downe JR, RCA Battle School Shilo  
 Sgt Duchesne JJ, CTC Gagetown  
 Sgt Dulong JP, 5 RALC Valcartier  
 Sgt Dunn JD, CTC Gagetown  
 Sgt Dunn MJ, 2 RCHA Petawawa  
 Sgt Easton L, CFB Petawawa  
 Sgt Endersby DM, 2 RCHA Petawawa  
 Sgt Eppert RA, 1 RCHA Lahr  
 Sgt Ethier JW, CFRS St-Jean  
 Sgt Evans BD, 1 RCHA Lahr  
 Sgt Fecteau JA, 5 RALC Valcartier  
 Sgt Ferguson EL, CTC Gagetown  
 Sgt Ferguson JA, 1 RCHA Lahr  
 Sgt Ferguson JM, CTC Gagetown  
 Sgt Finn PC, 1 RCHA Lahr  
 Sgt Fitzgerald JP, 2 RCHA Petawawa  
 Sgt Fladseth HR, CTC Gagetown  
 Sgt Fleet JM, 3 RCHA Shilo  
 Sgt Flett PL, 2 RCHA Petawawa  
 Sgt Forbes JG, RSS Woodstock  
 Sgt Fowler SB, CTC Gagetown  
 Sgt France KA, 1 RCHA Lahr  
 Sgt Fronchak TF, 1 RCHA lahr  
 Sgt Gagne JJ, CFRS St-Jean  
 Sgt Gagnon JP, 1 RCHA Lahr  
 Sgt Gagnon MR, R22eR Battle School Quebec City  
 Sgt Gallant MF, CTC Gagetown  
 Sgt Gardiner KR, CTC Gagetown  
 Sgt Gardiner GA, CTC Gagetown  
 Sgt Gatward DB, CABC Edmonton  
 Sgt Gemmell DW, Seclist Shilo  
 Sgt Gibson CL, 2 RCHA Petawawa  
 Sgt Gilks TK, CFRC Saint John  
 Sgt Gillman PA, RCA Battle School Shilo  
 Sgt Girard JR, 430 Tac Hel Sqn Valcartier  
 Sgt Glen RH, 3 RCHA Shilo  
 Sgt Gourlay JA, CFB Gagetown  
 Sgt Gracie S, CFB Shilo  
 Sgt Grenier JL, R22eR Battle School Quebec City  
 Sgt Griffith JW, ORAE Ottawa  
 Sgt Hannah MF, CFRC Vancouver  
 Sgt Hauck DF, 1 RCHA Lahr  
 Sgt Hawco JM, 1 RCHA Lahr  
 Sgt Hawkins RA, 3 RCHA Shilo  
 Sgt Hawkins RL, 444 Tac Hel Sqn Lahr  
 Sgt Hawley P, 2 RCHA Petawawa  
 Sgt Heighton LR, RSS Penhold  
 Sgt Heimpel DR, 444 Tac Hel Sqn Lahr  
 Sgt Hein LJ, 2 RCHA Petawawa  
 Sgt Hendry DD, 444 Tac Hel Sqn Lahr  
 Sgt Hicks MA, Ad Arty School Chatham  
 Sgt Houde JP, RCA Battle School Shilo  
 Sgt Howell CJ, CTC Gagetown  
 Sgt Isabel JJ, 5 RALC Valcartier  
 Sgt Janes EM, CFRS Cornwallis  
 Sgt Janz LP, RCA Battle School Shilo  
 Sgt Jelleau DS, Seclist Shilo  
 Sgt Jobin JC, RCA Battle School Shilo  
 Sgt Johnstone DB, 1 RCHA Lahr  
 Sgt Kean AE, 403 Hel OTS Gagetown  
 Sgt Keltey JA, CPCSA Ottawa  
 Sgt Kennoway RB, CTC Gagetown  
 Sgt Kirchmayer BR, 5 RALC Valcartier  
 Sgt Kitt GL, 2 RCHA Petawawa  
 Sgt Klein W, 3 RCHA Shilo  
 Sgt Klockars WL, 2 RCHA Petawawa  
 Sgt Labossiere DM, 2 RCHA Petawawa  
 Sgt Labrie JV, 1 RCHA Lahr  
 Sgt Lague RB, RCA Battle School Shilo  
 Sgt Lajoie JA, 5 RALC Valcartier  
 Sgt Lajoie JC, 5 RALC Valcartier  
 Sgt Lambert LB, 2 RCHA Petawawa  
 Sgt Lamore RE, CFS Gypsumville  
 Sgt Lancaster AD, 1 RCHA Lahr  
 Sgt Landreville JM, 2 RCHA Petawawa  
 Sgt Landrigan RA, 5 RALC Valcartier  
 Sgt Lavallee JS, CTC Gagetown  
 Sgt Lebuis JE, 5 RALC Valcartier  
 Sgt Leclair PR, 2 RCHA Petawawa  
 Sgt Lecuyer JW, 430 Tac Hel Sqn Valcartier  
 Sgt Lee TH, 128 AAD Bty Baden  
 Sgt Lemay JM, 5 RALC Valcartier  
 Sgt Lessard LH, CFLS Borden  
 Sgt Letcher CA, Seclist Suffield  
 Sgt Lizotte JN, 2 RCHA Petawawa  
 Sgt Lloyd RM, 2 RCHA Petawawa  
 Sgt Lonz RJ, 1 RCHA Lahr  
 Sgt Loughrey JA, 129 AAD Bty Lahr  
 Sgt Louvelle GM, 2 RCHA Petawawa  
 Sgt Lunan DD, RCA Battle School Shilo  
 Sgt Lynch CR, 119 AD Bty Chatham  
 Sgt MacDonald BL, 1 RCHA Lahr  
 Sgt MacDonald DF, CTC Gagetown  
 Sgt MacKinnon DA, CTC Gagetown  
 Sgt MacLean BG, CFRS Cornwallis  
 Sgt MacNeil GA, 3 RCHA Shilo  
 Sgt MacRae MD, 1 RCHA Lahr  
 Sgt Madore ET, CFB Gagetown  
 Sgt Major DJ, 5 RALC Valcartier  
 Sgt Mantha JG, 5 RALC Valcartier  
 Sgt Marner NA, AD Arty School Chatham  
 Sgt Marois JB, 3 RCHA Shilo  
 Sgt Marsden ND, CFRC St. John's  
 Sgt Marshall CA, CTC Gagetown  
 Sgt Martin AG, 430 Tac Hel Sqn Valcartier  
 Sgt Martin LA, RSS Ottawa  
 Sgt May RW, PWC (Nfld) St. John's  
 Sgt Maynard MJ, CFB Gagetown  
 Sgt McAllister JJ, 408 Tac Hel Sqn Edmonton  
 Sgt McCormick DG, 2 RCHA Petawawa  
 Sgt McDonald DJ, 2 RCHA Petawawa  
 Sgt McDonald ML, 2 RCHA Petawawa  
 Sgt McDonald TA, CTC Gagetown  
 Sgt McEwan MR, 128 AAD Bty Baden  
 Sgt McGee SP, 3 RCHA Shilo  
 Sgt McInnis JW, 3 RCHA Shilo

Sgt McIntyre JN, CFRC Winnipeg  
 Sgt McIntyre PG, 3 RCHA Shilo  
 Sgt McKinnon DD, 1 RCHA Lahr  
 Sgt McNaughton HW, CFB Gagetown  
 Sgt McNeil JA, CFB Shilo  
 Sgt Meadus PM, 5 RALC Valcartier  
 Sgt Meehan TL, 1 RCHA Lahr  
 Sgt Merlin DJ, CFB Petawawa  
 Sgt Middelburg AJ, 5 RALC Valcartier  
 Sgt Mills JS, 1 RCHA Lahr  
 Sgt Monague RM, 1 RCHA Lahr  
 Sgt Monette JN, CFRC Ottawa  
 Sgt Montague RJ, CFRS Cornwallis  
 Sgt Moore AD, CTC Gagetown  
 Sgt Moore TG, RCA Battle School Shilo  
 Sgt Morand JR, 3 RCHA Shilo  
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 Sgt Nickerson CL, AD Arty School Chatham  
 Sgt Ogden MS, CFRS Cornwallis  
 Sgt O'Quinn GJ, 1 RCHA Lahr  
 Sgt Ostiguy JG, 5 RALC Valcartier  
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 Sgt Pennock RW, RSS Lethbridge  
 Sgt Pero RW, RCA Battle School Shilo  
 Sgt Plemel LB, 128 AAD Bty Baden  
 Sgt Poole RD, 1 RCHA Lahr  
 Sgt Pope DH, 3 RCHA Shilo  
 Sgt Porter DJ, CTC Gagetown  
 Sgt Porter RD, 408 Tac Hel Sqn Edmonton  
 Sgt Pratt DW, 1 RCHA Lahr  
 Sgt Provencher JM, R22er Battle School  
 Sgt Prudhomme JW, 119 AD Bty Chatham  
 Sgt Rabichuk JD, Seclist Suffield  
 Sgt Randell HA, 119 AD Bty Chatham  
 Sgt Ready PJ, 5 RALC Valcartier  
 Sgt Richard JE, 1 RCHA Lahr  
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 Sgt Rusk CP, 2 RCHA Petawawa  
 Sgt Sadlier BL, 2 RCHA Petawawa  
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 Sgt Smith KA, CTC Gagetown  
 Sgt Smith PR, 3 RCHA Shilo  
 Sgt Spates SR, 3 RCHA Shilo  
 Sgt Sproul SG, CABC Edmonton  
 Sgt St Amour PA, 1 RCHA Lahr  
 Sgt Stevenson B, CTC Gagetown  
 Sgt Stewart RG, 1 RCHA Lahr  
 Sgt Stirmey JA, 1 RCHA Lahr  
 Sgt St. Martin CA, 1 RCHA Lahr  
 Sgt Stobbs RA, 1 RCHA Lahr  
 Sgt Stone JF, 1 RCHA Lahr  
 Sgt Swyers A, 2 RCHA Petawawa  
 Sgt Symonds DR, CTC Gagetown  
 Sgt Synnett JA, 5 RALC Valcartier  
 Sgt Tarrant IJ, RSS Toronto  
 Sgt Tees GR, RSS Vancouver  
 Sgt Tetreault JM, 5 RALC Valcartier  
 Sgt Theriault JL, CTC Gagetown  
 Sgt Tibbel DV, 1 RCHA Lahr  
 Sgt Tolley JR, 5 RALC Valcartier  
 Sgt Tupy ME, AD Arty School Chatham  
 Sgt Vachon JC, 5 RALC Valcartier  
 Sgt Vanryn JL, 1 RCHA Lahr  
 Sgt Vantassel MG, 1 RCHA Lahr  
 Sgt Vaugeois JN, 5 RALC Valcartier  
 Sgt Venasse JH, NRHQ Yellowknife  
 Sgt Veronneau JR, 5 RALC Valcartier  
 Sgt Vidito EG, CFB Gagetown  
 Sgt Villeneuve BM, 1 RCHA Lahr  
 Sgt Villeneuve JP, 5 RALC Valcartier  
 Sgt Waddington BF, DCDS Ottawa  
 Sgt Walker LS, CFB Shilo  
 Sgt Warren WA, 1 RCHA Lahr  
 Sgt Wasson EJ, MARCOM HQ Det Gagetown  
 Sgt Watters TN, 1 RCHA Lahr  
 Sgt Webster KE, 5 RALC Valcartier  
 Sgt West RE, 2 RCHA Lahr  
 Sgt Wiering PM, 3 RCHA Shilo  
 Sgt Wiklund IK, CFRC Det Kitchener  
 Sgt Willcox KA, 1 RCHA Lahr  
 Sgt Williams GJ, 2 RCHA Petawawa  
 Sgt Williams JA, 2 RCHA Petawawa  
 Sgt Williams WL, CFB Shilo  
 Sgt Wilson WF, CFB London  
 Sgt Wojnarski GM, 3 RCHA Shilo  
 Sgt Wonta P, 3 RCHA Shilo  
 Sgt Wood TC, PWC (PEI) Summerside  
 Sgt Woods TE, 5 RALC Valcartier  
 Sgt Wynn RR, 1 RCHA Lahr  
 Sgt Yetman RP, 2 RCHA Petawawa  
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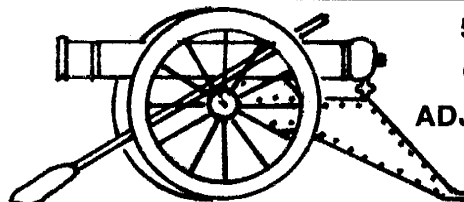
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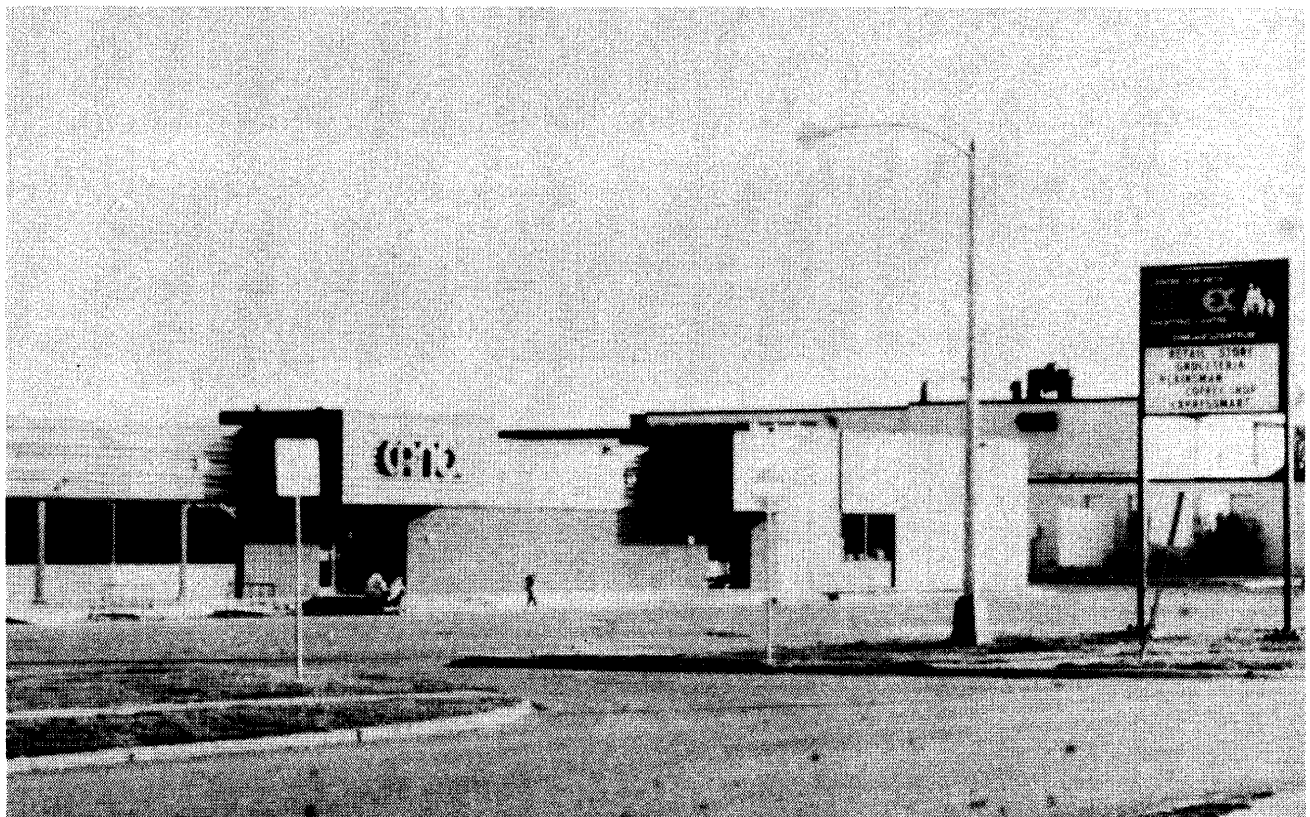


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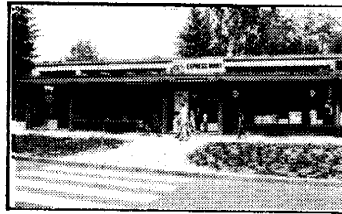
# CANADIAN FORCES EXCHANGE EUROPE SERVING THE CANADIAN MILITARY



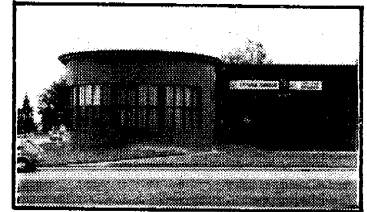
## Les Économats des Forces canadiennes en Europe Au service des Forces canadiennes



EXCHANGES - Économats



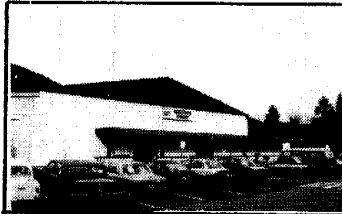
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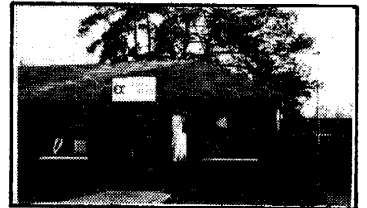
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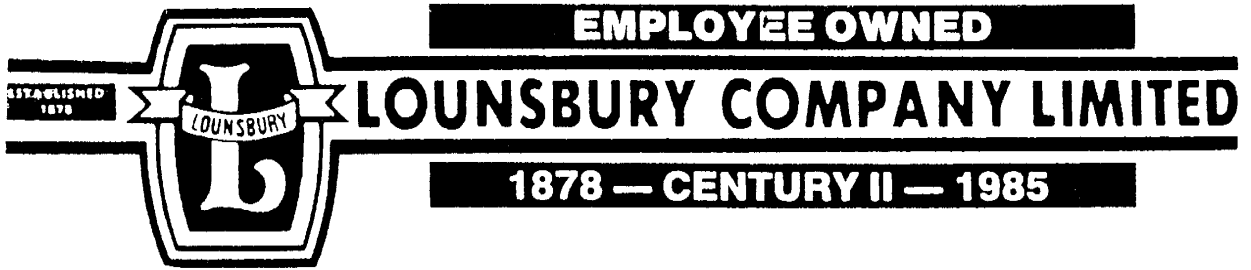
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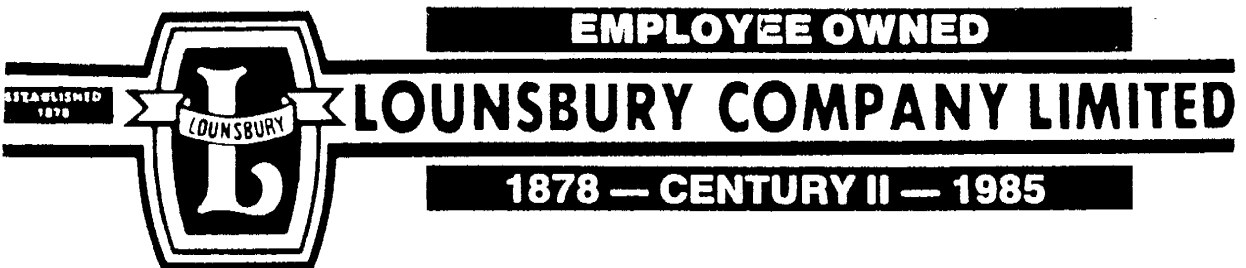
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# Oerlikon Low Level Air Defence System is 35mm twin AA guns/Skyguard



## The Air Defence Anti Tank System...

... ADATS is a cost-effective high technology missile system specially designed to provide

### Flexibility

- Mission
  - air defence of rear area assets, light or heavy manoeuvre forces
  - long range anti-tank role
- Targets
  - low flying aircraft
  - attack helicopter
  - RPV
  - main battle tank
- Integration on
  - tracked vehicle
  - wheeled vehicle
  - shelter

### Availability

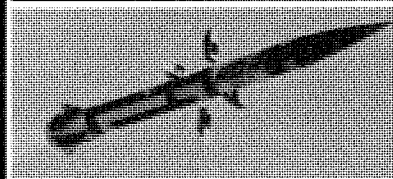
- day/night operation
- adverse weather capability
- ECM immunity
- transportability
- built-in test equipment
- advanced logistic support

### Efficiency

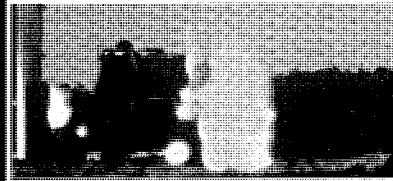
- high velocity missile (Mach 3 +)
- heavy dual purpose warhead
- high accuracy guidance (Laser beam)
- saturation resistant through integrated fire coordination



Complete system performance has been demonstrated during the ADATS flight test program at Eglin Air Force Base, Florida and White Sands Missile Range, New Mexico



Direct hit of an ADATS missile against a chumby type CF-101



The effect of the ADATS missile hit on the M48 tank

## Litton-Oerlikon LLAD-Team



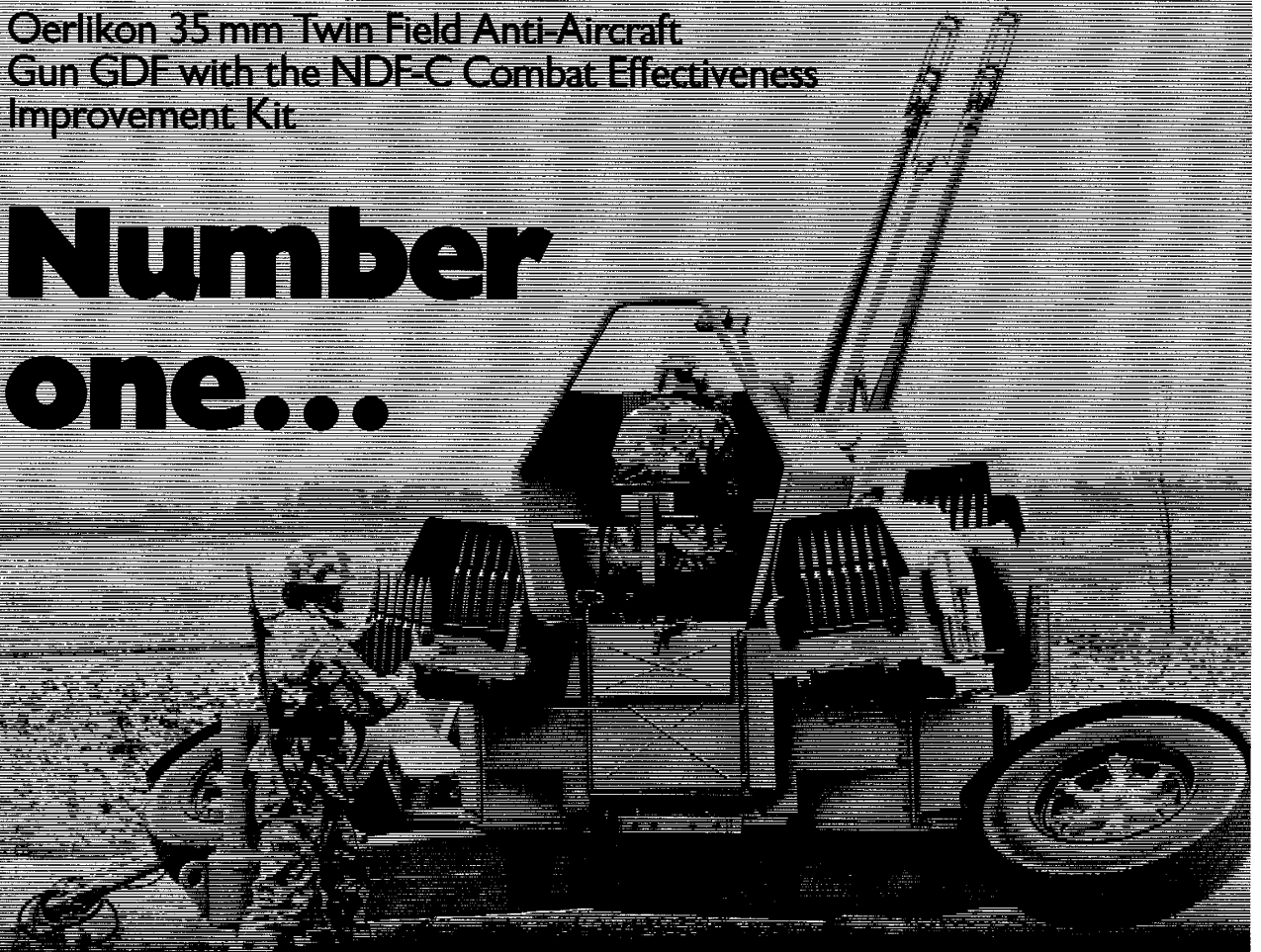
Birds Aero Inc. Canada, GE Electronics Ltd. Canada, General Motors, Canada, General Dynamics Canada, Dowty Canada Ltd., General Motors of Canada Ltd., General Systems Research Inc. Canada, Lucas Inc. Canada, Litton Systems Canada Ltd., North America Aerospace (USA), Oerlikon Aerospace Canada, Oerlikon-Birkel (Switzerland), Spar Aerospace Ltd. (Canada)

# Oerlikon Low Level Air Defence System is ADATS

**plus**

Oerlikon 35 mm Twin Field Anti-Aircraft  
Gun GDF with the NDF-C Combat Effectiveness  
Improvement Kit

# Number one...

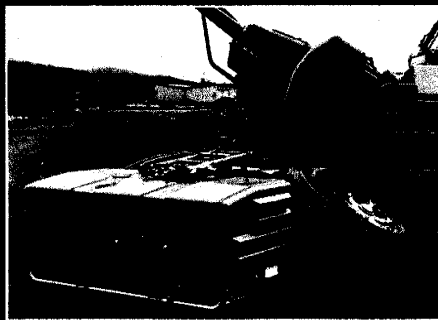


...in anti-aircraft cannon is the Oerlikon 35 mm twin field anti-aircraft gun GDF. This gun has been introduced into more than 20 countries.

Technological progress, knowledge gained from worldwide deployment and new aspects of the threat from the air have led to the adoption of combat effectiveness improvement measures.

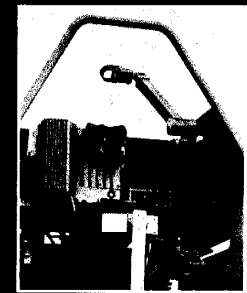
- **Automatic 3D sight:** autonomy improvement; parameter estimation eliminated
- **Automatic reloader:** increased ammunition supply with reduction of gun crew
- **Integrated power supply system:** into action greatly simplified
- **New gun control system:** simpler logistics
- **Weapon cover with integrated, automatic weapon lubrication system:** greater reliability
- **Optimized automatic cannon function:** enhanced operational availability

All 35 mm field anti-aircraft guns in service can be retrofitted.



### 3D sight

Automatic aiming device that processes all target,  $v_w$  and meteorological data to continuously give lead data for the gun control system.



## Litton-Oerlikon LLAD-Team



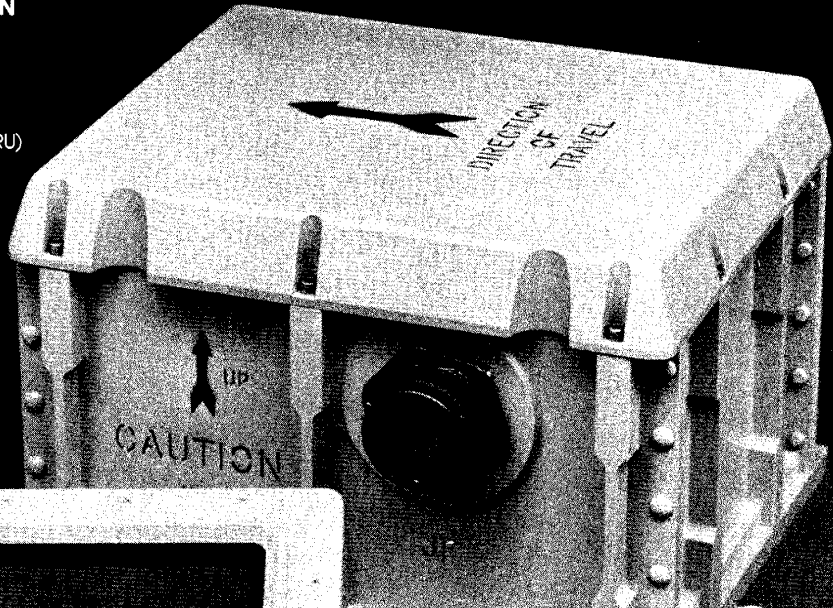
Bendix Avalex Inc. (Canada), CAE Electronics Ltd. (Canada), Contraves Italiana, Dorek Corp. (Canada), Dowty Canada Ltd., General Motors of Canada Ltd., General Systems Research Inc. (Canada), Lavalin Inc. (Canada), Litton Systems Canada Ltd., Martin Marietta Aerospace (USA), Oerlikon Aerospace (Canada), Oerlikon-Bührle (Switzerland), Spar Aerospace Ltd. (Canada)



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# Finally: Avionics sophistication in a land navigation system.

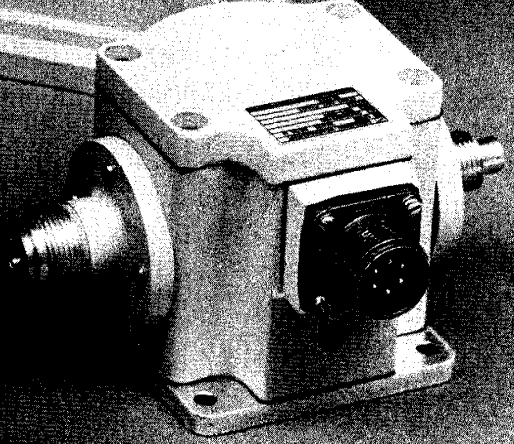
Vehicle Reference Unit (VRU)



Navigation Display Unit (NDU)



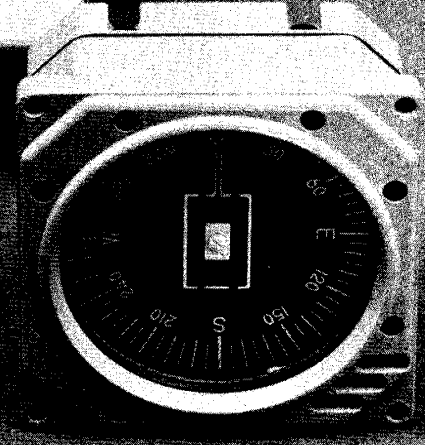
Distance Measurement Unit (DMU)



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Vehicle Heading Indicator (VHI)

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*Multi-mission capability...operational now.*

### VEHICLE SPECIFICATIONS

**POWERPLANT** 40 H.P. 2-STROKE

**ELECTRICAL POWER** UP TO 2KW

**EMPTY WEIGHT** 280 LBS (127 KG)

**MAX LAUNCH WEIGHT (AT SEA LEVEL)** 530 LBS (241 KG)

**AVAILABLE FOR FUEL & PAYLOAD** 250 LBS (114 KG)

**FUEL CAPACITY (STD. TANKS)** 100 LBS (45 KG)

**MAX. PARACHUTE RECOVERY WEIGHT** 420 LBS (191 KG.)

**SEA LEVEL CLIMB RATE AT 520 LBS (236 KG)** 1,000 FPM (305 MPM)

**SERVICE CEILING AT 500 LBS (227 KG)** 15,000 FT (4,573 M)

**SERVICE CEILING AT 420 LBS (191 KG)** 20,000 FT (6,100 M)

**MAXIMUM ENDURANCE W/140 LB (64 KG) PAYLOAD AT SEA LEVEL** 7.7 HRS

**MAXIMUM ENDURANCE W/140 LB (64 KG) PAYLOAD AT 15,000 FT (4,573M)** 5.4 HRS

**MAXIMUM TRUE AIR SPEED (LEVEL FLIGHT)** 135 KTS (250 KM/HR)

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