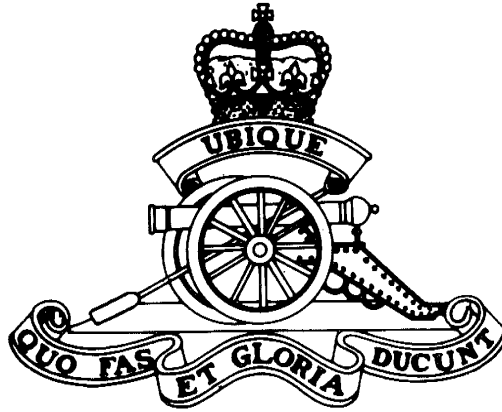




THE CANADIAN GUNNER
1982



THE CANADIAN GUNNER

Décembre 1982

Volume 18

**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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Colonel H.R. Wheatley, CD

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l'artillerie Canadienne**
Sa Majesté la Reine

**Colonel commandant, Régiment Royal de
l'artillerie Canadienne**
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Major-général D.R. Baker, CMM, CD

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**BRIGADIER-GENERAL W.W. TURNER, CD
COLONEL-COMMANDANT
ROYAL REGIMENT OF CANADIAN ARTILLERY**

I want to thank all ranks of our Regiment most sincerely for giving me the opportunity to continue to serve as Colonel Commandant for a further two years. A high honour and I shall continue to do my best for the Regiment.

During the past three years I have visited every one of our units, regular and militia, during their firing exercises in the field. Some I have been able to visit three or four times in the field and I have also visited a number in their barracks. This past year, I have seen a number of our units in Germany, Cyprus and across Canada.

The enthusiasm of all ranks has been most impressive. We still need many more Gunners and equipment but our training standards are definitely improving.

I hope most Gunners are studying the tactics and lessons to be learned from the successful Falklands campaign. It was a tremendous achievement by well trained troops with a will to win. I suggest one of the main lessons re-learned was the requirement for cooperation and planning between the combat arms in fire and movement. The proper and effective use of the artillery FOO in action was a basic battle winning factor. We would do well to emphasize this in our training.

I ask that you continue to strive for professional perfection in all you do. We Gunners must set the standard and lead the way.

We must strengthen the ties of our Gunner Family. We must include the various associations across the country along with our regular and militia units in order to have a strong and united voice of the guns.

My very sincere best wishes to all members of our Regimental Family.


Colonel Commandant

Je tiens à remercier sincèrement tous les membres de notre Régiment pour m'avoir donné l'occasion de remplir mes fonctions de colonel commandant pendant une autre période de deux ans. C'est un grand honneur pour moi et soyez assurés que je ferai tout mon possible pour bien servir notre Régiment.

Au cours des trois dernières années, je me suis rendu auprès de chacune de nos unités, tant de la Force régulière que de la Milice, au moment où elles effectuaient leurs exercices de tir en campagne. C'est trois ou quatre fois que j'ai pu voir à l'oeuvre certaines unités en campagne, et j'ai également rendu visite à un certain nombre d'unités en garnison. Au cours de l'année qui vient de s'écouler, j'ai fait des tournées en Allemagne, à Chypre et un peu partout au Canada.

L'enthousiasme manifesté par tous nos membres m'a vivement impressionné. Nos effectifs et nos équipements sont certes toujours insuffisants, mais il n'y a pas de doute que nos programmes de formation ne cessent de s'améliorer.

J'espère que nos artilleurs n'ont pas manqué d'étudier les tactiques qui ont été appliquées avec tant de succès lors du conflit des Falkland. Ce fut un exploit remarquable accompli par des troupes bien entraînées et déterminées à remporter la victoire. Selon moi, l'une des principales leçons que le conflit des Falkland nous aura permis de tirer, une nouvelle fois, c'est que les armes de combat doivent collaborer et planifier conjointement les opérations de tir et les mouvements. L'utilisation intelligente de l'officier observateur d'artillerie a été le facteur fondamental de la victoire. Nous aurions intérêt à intensifier cet élément dans nos programmes de formation.

Je vous demande de continuer à viser la perfection dans tout ce que vous faites. Nous, les canonniers, devons proposer des modèles et tracer le chemin.

Nous devrions également nous employer à renforcer notre famille régimentaire. Je veux dire par là qu'il nous faudrait affilier les diverses associations disséminées partout au pays et resserrer les liens entre les unités de la Force régulière et les unités de la Milice de façon que la voix des canonniers se fasse entendre clairement.

Mes vœux les plus sincères à tous les membres de notre famille régimentaire.



**COLONEL H.R. WHEATLEY
DIRECTOR OF ARTILLERY**

My second year as your Director continues to be interesting and challenging. In many ways this has been a successful year for the Royal Regiment. Although there have been no sudden or dramatic changes, we are beginning to see the results of efforts made over several years.

On the equipment side we have made substantial progress. Our M109s are being rebuilt to the A3 standard. We will soon be taking delivery of the first of 66 MiliPAC computers. We now have the capability to manufacture 155mm ammunition in Canada and contracts have been signed to increase our stocks of this ammunition to NATO standards. Our other artillery equipment projects are on schedule and I am optimistic that we will see results shortly.

The most encouraging changes have to do with improved recruiting and retention of artillerymen. For the first time in several years all our units are up to strength. This happy situation presents both challenge and opportunity. Given proper leadership and challenging employment, these young men will not leave us when their engagement ends or when the economy improves. It is up to us to provide strong leadership today so that we may enjoy the benefits of a well trained, experienced Royal Regiment tomorrow.

We must also start now to identify those among our young gunners who have the technical ability and the potential to properly man our new equipment. Air defence and locating equipment in particular will have to be manned by people with skills and in-depth knowledge in many new fields. Now is the time to identify the people and begin to train them so that the Royal Regiment will be ready to put the new equipment into service when it arrives.

I have now visited the majority of our units, both Regular and Militia, and intend to see the rest next year. I continue to be impressed by the competence and enthusiasm that I see. I am particularly pleased with the very high standards being displayed by our Militia units.

FMC's operational tasking of Militia regiments has been an important step forward for the artillery. It has given our Militia units a renewed sense of purpose. It has also brought the Regular and Militia regiments closer together in training. This can only benefit the entire Royal

Voilà deux ans que je suis votre directeur et que ce poste demeure toujours pour moi intéressant et plein de défis. Sous plus d'un aspect, l'année a été favorable pour le Régiment Royal. Même si nous n'avons pas connu de changements soudains ni dramatiques, nous commençons à voir les résultats des efforts que nous déployons depuis plusieurs années.

Du côté équipement, nous avons réalisé des progrès sensibles. Nos M109 sont en voie d'être transformés de manière à être conformes à la norme A3. Bientôt, on nous livrera le premier de nos 66 premiers ordinateurs MiliPAC. Nous possédons actuellement le potentiel nous permettant de fabriquer des munitions de 155 mm au Canada, et des contrats ont été signés en vue d'en accroître nos stocks, conformément aux normes de l'OTAN. Quant à nos autres projets d'équipement d'artillerie, ils vont bon train, et je suis convaincu que les résultats ne devraient pas tarder à se manifester.

Les changements les plus encourageants concernent l'amélioration que nous avons connue sur le plan du recrutement, et le fait que le roulement des effectifs a sensiblement diminué. Pour la première fois depuis plusieurs années, les effectifs de nos unités sont au complet. Cette situation présente des défis et des possibilités. Si on leur donne un leadership qui leur convient et des missions intéressantes, ces jeunes gens ne s'en iront pas à la fin de leur période de service ni au moment de la reprise économique. C'est donc à nous d'assurer la qualité du leadership aujourd'hui, afin que nous puissions bénéficier des avantages d'un régiment bien formé et bien entraîné demain.

Nous devons également commencer dès aujourd'hui à sélectionner parmi nos jeunes artilleurs ceux qui possèdent les aptitudes techniques et le potentiel qui leur permettront d'utiliser au maximum votre nouvel équipement. Plus particulièrement, les équipements de défense anti-aérienne et de repérage devront être confiés à des militaires possédant les aptitudes voulues et des connaissances approfondies dans beaucoup de domaines de pointe. Par conséquent, il nous faut dès à présent entreprendre cette sélection et cette formation afin qu'aucune période de transition ne vienne ralentir la mise en service de notre nouvel équipement.

J'ai maintenant terminé la visite de la plupart de nos

Regiment.

From my vantage point, the future of our Regiment looks bright. I call on all of you to continue your hard work and dynamic leadership in order to ensure that future.

I would like to thank all those who have given me such valuable advice and counsel over the past year. I wish all units of the Royal Regiment "Good Shooting".



H.R. Wheatley
Colonel
Director of Artillery

unités, de la Force régulière et de la Milice, et je compte visiter les autres l'année prochaine. Je demeure très favorablement impressionné par la compétence et l'enthousiasme de tout notre personnel. Je suis également très satisfait de constater que le rendement de nos unités de la Milice est aussi élevé.

Les missions opérationnelles confiées aux régiments de la Milice par le Commandement de la Force mobile ont marqué une étape importante pour l'artillerie, renouvelé la raison d'être des unités de la Milice, et rapproché les régiments de la Force régulière et de la Milice dans un cadre de formation ce qui ne peut qu'être profitable au Régiment.

A en juger par ce que je vois, l'avenir du régiment semble des plus prometteurs. C'est pourquoi je vous demanderais à tous de continuer à oeuvrer comme vous le faites et à maintenir la qualité de votre leadership pour que cet avenir soit le nôtre.

Avant de terminer, je tiens à remercier tous ceux d'entre vous dont les avis et les conseils m'ont été précieux au cours de l'année écoulée. "Bon tir" à toutes les unités du Régiment Royal.

Le colonel H.R. Wheatley
Directeur — Artillerie



A GUN IS A GUN

LCol D.G. Schott SSO Arty FMCHQ felt that MILDIST Vancouver's reply to the fact that it was necessary to issue a vehicle move order (VMO) to relocate a replacement 105mm C1 Howitzer from Montreal to Vancouver was worth being recorded and shared by all gunners.
We agreed — Ed.

- RAAUZYUW RCWFKVA0038-UUU--RCESCGA.
- ZNR UUUU
- R 022215Z DEC 82
- FM MILDIST VANCOUVER
- TO RCESUZA/CFSD MONTREAL
- INFO RCCPJSA/NDHQ OTTAWA//DPSL 3-5//
- RCESCGA/FMCHQ ST HUBERT//SSO ARTY//
- RCWEDQA/CFB CHILLIWACK//BSUPO//
- ZEN/MILAREA VANCOUVER//COS//SOLOG//
- ZEN/15 FD REGT VANCOUVER
- BT
- UNCIAS VAN/LA 1856
- SUBJ: VEHICLE MOVE ORDER ECC 25110 1
- REF: YOUR SM TFC 7763 012030Z NOV 82
- 1. THE ECC REFERRED TO IN YOUR MESSAGE IS A GUN,
- BY CALLING IT A VEHICLE YOU HAVE CAUSED A LOT
- OF FUN
- 2. TO ARTY GUNS ARE SACRED AND SHOULD NEVER
- BE CONFUSED WITH THINGS THAT LIFT AND HAUL
- AND ARE BY OTHER BRANCHES USED
- 3. VEHICLES ARE JEEPS OR TRUCKS OR THINGS
- THAT RUN ON TRACK BUT GUNS ARE GUNS FOR
- EVER MORE, SO TAKE YOUR STATEMENT BACK
- 4. UBIQUE
- BT
- #0038
- EAR614 DELIVERED 3362307 902755

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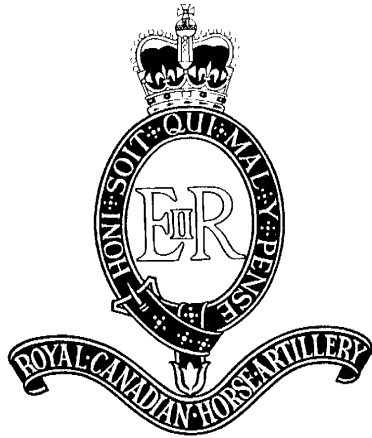
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FIRST REGIMENT

Nineteen eighty two has been a year like all ours are, one of intense activity. Training has occupied most of the year, whether regimental schools or field training exercises. It has been a year of several firsts (issue of M109A3s to A and B batteries, the first opportunity to shoot with our Partnerschaft unit, first firing from a dispersed gun position, and a long-awaited first: first place in the CFE Hockey League).

TECHNICAL AND STAFF INSPECTIONS

High on everybody's list of priorities is or ought to be maintenance. To ensure that 1 RCHA started the year off on the right track, the gunners returned from Christmas leave just in time to prepare for the first of two Annual Technical Inspections (ATI). We went through a second inspection in November, only four short weeks after returning from Fallex. There was so little time to prepare when our vehicles had moved some four or five hundred miles in the last six weeks with little more than running maintenance.

We had two Brigade Commander's, and two GOC's inspections. It is established in 4 CMBG that the commander will inspect his units approximately one to two weeks after completion of the ATI.



ATI Preparations. Cpl DJ Leblanc of HQ Bty does final checks on a 5/4 ton.



CO's pre GOC's inspection. The CO casts a critical eye on Sgt AR Wilkins detachment (15F). Awaiting inspection are Gnr JPER Brule, Gnr JJY Bissonette, in the rear is Gnr WJ Desroches. Looking on is TC B Capt MG Mussolum.

The GOC's inspection is normally done in detail with vehicles right-dressed and complete layout of each vehicle's equipment. When you have the time and space to do this as we did for BGen AJGD de Chastelain in February, preparations are lengthy (paint: tools, chains, and sometimes vehicles). However, Prime Minister Trudeau's visit to Canadian Forces Europe in November precluded such an inspection by the new commander, BGen RJ Evraire.



The "real thing". The Commander BGen AJGD de Chastelain, CD speaks with Gnr BE Quibell.

Gen Evraire inspected the regiment in Lager Trauen while on exercise. The inspection more or less followed the same format as a garrison inspection: foot parade followed by inspection at the vehicles. However, the latter was a working inspection as the gunners fell out to a morning of maintenance.

TRAINING

On completion of the January ATI, 1 RCHA began its second sitting of Regimental Schools for the 1981-82 training year. Courses included driver: wheeled, light and heavy track, a basic artillery communicator serial, and a basic artillery technician course.

In mid-March, the Regiment deployed to Munster South and Bergen for the first practice camp of the year. During the two-week exercise, new technicians, drivers,

and communicators were put through their practical testing while the remainder of the Regiment got into shape for the Elkins Trophy Competitions.

B Battery (BC: Maj JE Miller and BSM: MWO R Robitaille) captured the three-part competition. It was not at all a one-sided event, however. B Battery won the Number One's Open Action Competition for its best overall performance despite C Battery's 35A (Sgt BC Stephenson) winning best single gun. C Battery (BC: Maj MK Jeffery, GPO: Capt GL Johnson, and BSM: MWO WG Worobey) took the Battery Test Deployment which tested batteries in all aspects of deployment from recce and occupation of a gun-position to occupation of an OP. It was a clean sweep for B Battery in the Quick Action Competition as C and D Troops achieved identical best scores. The competition was awarded, however to D Troop (TC: Capt BW Travis, CPO: Lt JCLM Lavallee and TSM: MWO JE Hamelin) on the basis of faster time to effective fire.



Don't let them tell you it never snows in Lahr. Director drills on a basic Arty Tech course. MBdr RL Hawkins looks on as Gnr SA Angle completes a director pro forma.



Some high-priced help to assess a period on a basic tech course. D Arty, Col HR Wheatley, looks on as WO E Dwyer explains the APG to Gnr AG Brown.

The gun batteries returned individually to Munster South in late May and early June to conduct "Flashpot Training". This annual exercise is designed to teach soldiers of supported arms units how to call for and to correct indirect fire.

The A Battery Flashpot was also the occasion for the proof-firing of the Regiment's first guns fresh from rebuild as M109A3s. B Battery was equipped with the M109A3s in mid October and C Battery will be so equipped in early 1983.

Fallex began for 1 RCHA with deployment to Grafenwohr in mid-August. The Regiment spent two weeks of BC's and CO's shooting prior to joining the remainder of 4 CMBG for a brigade level exercise.

During the Grafenwohr exercise, the Regiment was fortunate enough to have our "Partnerschaft" unit, Panzerartilleriebataillon 295 sharing the ranges with us. The two units shot together for the first time and later found time for a game of soccer. In the latter, the Canadians fared not too badly, fighting all the way, but losing 4 to 3.



The first shooting with 295. CO, LCol LTB Mintz discusses a fireplan with BC C, Maj MK Jeffery. Looking on is CO Panzerartilleriebataillon 295, Oberstleutnant Krause.

The Corps Exercise "Carbine Fortress" saw the Canadians tasked as members of the enemy force for VII US Corps. As Orange Force we attacked quickly but were fought to a standstill. We were later pushed back on a two-phase withdrawal across the Mainz River to Orangeland where the war ended.

A seven-week respite from exercise then ensued during which time 1 RCHA underwent its second ATI of

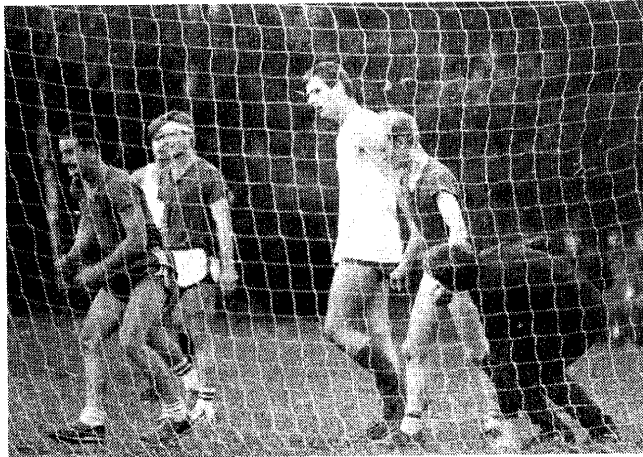
1982. The Regiment deployed to Munster South on 5 November for its final field exercise of the year. This two-week exercise brought the guns of 1 RCHA into the fold of 1 (UK) Armoured Division for its CRA's exercise, a three-day affair that assembled the guns of 1 RHA, 45 RA, and 5 Hy Regt, for a total on 78 tubes. The exercise included, in addition to gunnery and NBCW, a night road move by the divisional artillery.

As for the gunnery end of CRA's exercise, 1 RCHA fared extremely well, demonstrating a superior response to calls for fire throughout that won grudging praise from all who participated.

The Regiment's second battery of M109A3s was proof-fired during this Munster Practice Camp, as B Battery initiated its newest version of the M109.

B Battery also fired the Regiment's first rounds from a dispersed gun position. While the initial sheafs were a little rough as techniques were being refined, by the end of the first day the battery was achieving a desirable fall of shot pattern consistently and quickly.

On return from Munster, the Regiment actually found a month of relaxing garrison routine during which preparations were made for a Regimental School scheduled to commence immediately on return from Christmas leave.



Sports: A friendly little game of Soccer with 295. The good guys in the dark T-shirts are (L to R): Gnr SP Gaudette, Sig (now OCdt) MA Wheeler, and MBdr RH Allen.



Eggs are okay, but you haven't eaten 'til you've tried grits. Cpl BP Maston embarks on a culinary adventure during Fallex.

ADVENTURE TRAINING

While gunnery and military skills were the focal point of regimental activities, all three gun batteries found time in their busy schedules for a week-long outing for adventure training.

Although all three batteries incorporated some mountaineering (rapelling/mountain walking) and rafting skills (in field expedient rafts), unique among this year's adventure training expeditions was B Troop's (TC: Capt MG Mussolum) bicycle trip down the Moselle Valley. What more adventure can you ask than a four-day bike trip down one of the finest wine-producing valleys in Europe?



1 RCHA Air Defence Troop training. MBdr JC Vezina spots for blowpipe operator Gnr MC Holoshka.

PERSONALITIES

Annual rotation changed a number of appointments during 1982. DCO, Maj L Branum returned to Winnipeg to a one-year French course. His replacement was Maj GM Walker who arrived from a two-year posting to the Royal School of Artillery at Larkhill.

Maj DS Moreside assumed command of B Battery this summer when Maj JE Miller returned to NDHQ to work for the Director of Artillery.

Newly promoted Major GD Scott left the adjutant's job to move into Maj Walker's old job at Larkhill. His replacement was Capt HN Simister.

Chief Warrant Officers TJ Jacob and AS Leblanc simply exchanged jobs. Former RSM Jacob is now posted to NDHQ/AU while CWO Leblanc is 1 RCHA's new RSM.

Master Warrant Officer CR Skinner became BSM C Battery upon the return of MWO WG Woroby to Canada.

SPORTS

Sports, both inter-battery and inter-unit have figured prominently in regimental life in 1982.

The Inter-Battery Sports Trophy which is based on summer and winter sports programmes, tabloid sports days and the infamous Harriers was awarded to B Battery for 1982.

In the realm of inter-unit sports, 1 RCHA fielded regimental teams in soccer, baseball, volleyball, basketball and of course, hockey.

Hockey was in the news for 1 RCHA in 1982. The 1 RCHA Gunners (coached by MWO CR Skinner) captured the CFE Hockey Championships in 1982 with three straight wins over the 3 RCR Royals in the finals.

Unfortunately, the Gunners did not fare so well when they represented CFE at the Nationals in Edmonton in March. They placed fourth overall.

INTER-OPERABILITY

In 4 CMBG there is a strong requirement to be capable of operating in conjunction with any other NATO force.

For 1 RCHA, 1982 has been the test of the Liaison Officer system; this year we have worked with or for four other nationalities.

As indicated, we fired with Panzerartilleriebataillon 295 during the Grafenwohr practice camp in August. During fallax, the regiment deployed LO's to two American artillery battalions allocated in support of the Regiment throughout. Z Battery was notionally deployed and supported (via a BC's party) a Belgian mechanized infantry battalion during Carbine Fortress (the Corps Exercise). And Ops O, Capt MD Capstick deployed as LO to HQRA 1 (UK) Armoured Division during the CRA's exercise in November.

1 RCHA was indeed fortunate during the Corps Exercise to have Maj DL Ross from the office of the Director of Artillery to represent the unit as LO to 17 Arty Bde which acted as the higher formation artillery headquarters. Similarly, the School of Artillery kindly provided the services of Capt GWK Davis to act as BC Z Bty for the same period.

To help solve the liaison problem, 4 CMBG runs a number of courses to train LOs.

Lt S Shinnan, a graduate of the 4 CMBG LO course describes his experience as LO to the Second of the 28th Field Artillery Battalion during Exercise Carbine Fortress.



An LO briefing. Liaison Officer, Lt RD Hellmeister briefs Lt Col McSweeney, CO of 1-30 (US) Fd Arty Bn.

PREPARATIONS had been made for a successful Fallex; vehicles were loaded, kit packed, and I was looking forward to a quiet exercise in the A Battery CP.

"Mr. Shinnan, may I see you for a minute?"

"Yes, sir. What can I do for you?"

"Can you spell liaison?"

Well, I could; I had attended the 4 CMBG LO course, and was about to put what I had learned into practice. That was the beginning of my tour as LO to the 2nd of the 28th Field Artillery Battalion, which turned out to be quite an eye-opener.

Having been fully briefed and kitted out (radios, lots of batteries, WD 1, as many remotes as you can steal, and of course a goodie box) the LO's first task, we were told was to find his unit.

This proved to be no easy task. The location given to myself and my party (Sgt DJJ Meehan, and Bdr DJRD Goulet) turned out to be nothing more than the last reported location. They had told me on the LO course that friendly units never had suspected locations, however . . .

We cut our arrival time quite finely, arriving at the Battalion TOC (Tactical Operations Centre) approximately

two minutes before the war began. As you see, the jargon is part of the job too; if you can't speak the lingo, you've got a rough time ahead.

An LO's main function is to pass timely and accurate information to and from higher and flanking formations. In the artillery case, if this is not done properly, units are omitted from fire missions and rounds on target are lost; worse yet, if current intelligence is not passed quickly and accurately, your supported soldiers die.

Initiative is a key word for the successful LO. He usually has communication only on the higher formation's net, and therefore relies on it for all his information. From my little niche in the TOC I maintained a line on the 17 Arty Bde net, my own regimental net, and reported on whatever information wafted out of the battalion's battery nets.

Self-sufficiency is another watch-word. This usually includes providing for rations and accommodation for yourself and your party. Accommodations were easy; three groundsheets were plenty. Our rations came in cardboard boxes, one meal at a time, so we all lost several pounds each on the exercise.

The successful LO must be familiar with his own, and the other's fire orders and conventions as he must translate between the two fire disciplines.

Our two countries, for example have a different understanding of the intent of a call for fire. Whereas our (Captain) FOO's order artillery fire, American (2LT) Fist Chiefs request it. I knocked heads with many a duty officer in the TOC over that one.

Far from taking you away from a useful function in your own CP, the LO's job can be a rewarding one. During my stint, I acquired a better picture of the battle plan than I would otherwise have done.

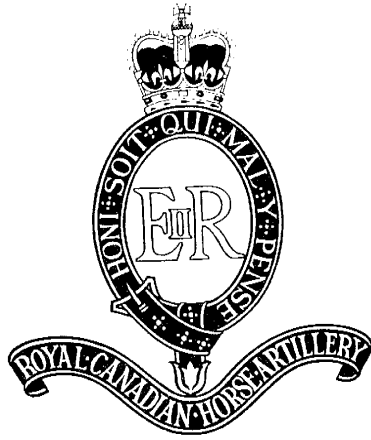
For a junior officer serving in Europe, the Liaison Officer job is an excellent introduction to the operation of allied artillery units; for the Regiment it is an absolute must for the effective use of available firepower.



Distinguished Visitors. MWO JD Cummings, TSM C Tp keeps a watchful eye on Warsaw Pact officers visiting B Bty under the provisions of the Helsinki Agreement. The American officers are escorts for the tour.

FORWARD

One might say that it is redundant to state that the Second Regiment had a busy 1982 for, as always, it was non-stop soldiering. Few, if any, members of the Regiment experienced the luxury of boredom in a year which saw the batteries scattered far and wide, with exercise following exercise, interspersed only with block leave, the odd parade, and the Regimental School. The regiment was represented as far afield as Rogers Pass, B.C. on avalanche control, Baumholder FRG, the Bardufoss area of North Norway, and Fort Bragg, North Carolina. Diversity of training activities was again the hallmark of the Second.



SECOND REGIMENT



The Queen inspects her Guard of Honour on arrival in Ottawa, accompanied by Major Peterson.



Ski School was a welcome break.

WINTER INDOC/EXERCISE RESPONSE SPECIALE

While BC D, Major D E Peterson, and Captains JD Crosman and RM Miller were struggling through the totally unexpected snows of Europe to get to the AMF(L) Artillery Conference in Larkhill, UK, most of the regiment found itself on the Petawawa ranges for winter indoctrination in early January. E Bty (Para) training was typical. The battery was launched to the field as independent troops to practise winter survival techniques, snowshoeing, skiing, animal trapping, ice fishing, demolitions training, and navigation by night and day. Four days of training were followed by the battery winter survival exercise BRASS MONKEY II. The exercise commenced with independent troop insertions by Chinook helicopter. The aim, besides just plain "survival", was to conduct diversionary operations behind enemy lines. All personnel went in with half rations. Both troops moved independently for two days across the ranges, while creating havoc with explosives along the way. At the end of day two, food supplies were augmented by the "finds" of a stray goat and many chickens. The troops quickly displayed their kitchen skills by preparing these new friends on the spot. On day three, after much over land travel, the battery was reunited, and on day four, all personnel either snowshoed or skied back to Base Camp to prepare for the Brigade winter exercise, RESPONSE SPECIALE.

RESPONSE SPECIALE was a Special Service Force exercise held in the latter half of January and effectively tested every element of the formation. The exercise took place in and around the Northern Ontario town of Earleton. E Bty (Para), in support of the Canadian Airborne Regiment, took part in the initial insertion into that cold, windswept town. Capt MH Neale's FOO party jumped in with the pathfinders, with the remainder of the battery deploying 24 hours later with "A" assault wave. The paratroopers left the warm C-130's to find themselves under silk at an ambient temperature of -40 degrees C. A definite shock to the system! The DZ was a series of farm fields cleverly divided by fence lines which were largely concealed by drifting snow. E Bty made the most of available real estate, locating concealed gun positions around farm barns and fields, and partaking of the unmatched hospitality of the locals. The CO's Tactical HQ, under the DCO, Major JD Briscoe, jumped in with SSF Tac once the airhead was secured. They found a lovely warm fire hall (the DCO and Capt Hartnett, the Ops O, insisted that only 9er higher slept inside), out of which they operated until link-up was achieved with the arrival of 1 RCR, supported by D Bty, and the remainder of the SSF. Winter indoctrination training proved its worth as wind chill often created an effective temperature of -70 degrees, making frost-bite the real enemy. Vehicles had to be kept running to prevent them freezing up. This provided a substantial challenge to the POL supply system and a windfall profit to the oil companies. The exercise took the measure of every participant and was indeed worthwhile, but Base Petawawa was a most welcome sight after endex.



A D Bty C1 deploys by PUMA on Exercise ALLOY EXPRESS in Norway.

SKI SCHOOLS/R AND R

February saw some of the regiment's personnel undertake ski instruction on the infamous "bangy boards" at the SSF Ski School. A few members of E Bty (Para) joined the Airborne Recce Platoon on Exercise MANITOU JIG in the North West Territories to provide navigation with the Astro Compass and record daily atmospheric conditions. In the SSF Winter Carnival Week the regiment's ski team placed third in brigade competitions and our family teams placed first overall in a series of sports activities. During the annual Regimental Ski School, also in February, a demanding and well-instructed alpine and nordic ski package, lead by Maj Hodgson and Lt Davis respectively, provided demanding and enjoyable training for all.

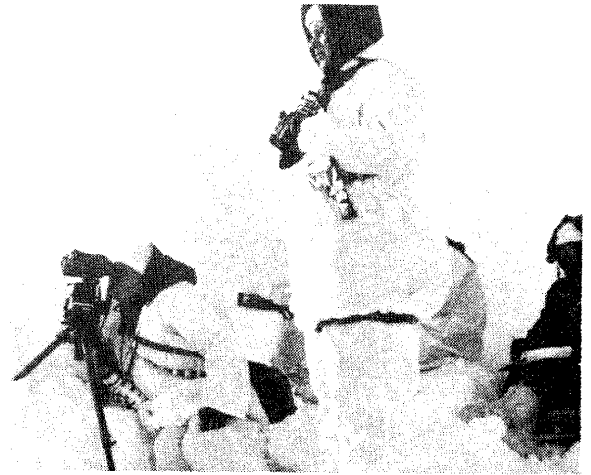
EXERCISE ALLOY EXPRESS



MWO DA Guttin, BSM D, enjoys a short break in his tent in Norway.

In March, D Bty reverted to its AMF(L) role, deploying with the 1 RCR Battalion Group to North Norway for Exercise ALLOY EXPRESS, a biannual test of NATO's North flank response. The exercise involved the land and air components of AMF as well as US, UK and Netherlands Marines, Norwegian forces, and countless NATO ships and aircraft. The battery again proved its mettle by winning the most Force Artillery adjustments

while firing some 600 rounds during ALLOY BARBARA and NORTHERN LIGHT, the live fire portions of the exercise. The BC and FOO parties learned the worth of skis over snowshoes the hard way, in a night move on foot that saw the infamous G11, Capt FM Aubin, air-medevaced from the side of a mountain by a German Huey in total darkness.



G11 in a wind-swept OP on Saetermoen Range, Norway. (L-R: Sgt Rafuse with the Laser, Capt Aubin, Bdr Ranson (hiding) and Gnr Gibson)

THE QUEEN

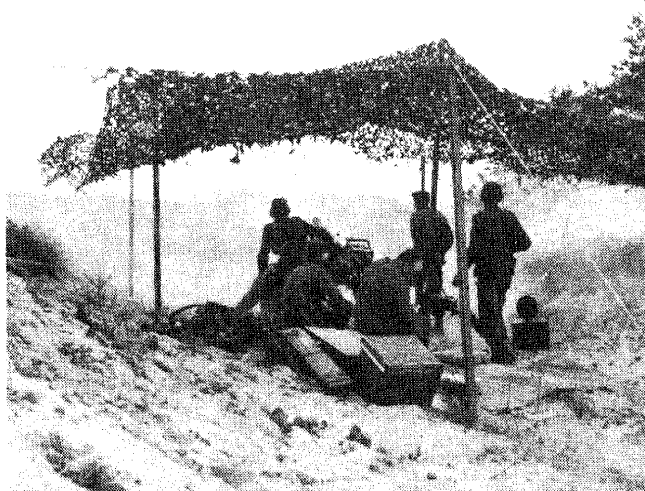
The regiment was privileged and proud to provide the 100-man Guard of Honour for Her Majesty the Queen on her arrival in Ottawa for ceremonies marking the patriation of our Constitution. The guard was found from D, E and RHQ Batteries, and commanded by BC D, Maj D E Peterson. MWO DA Guttin, BSM D, was the Guard Sergeant-Major. He drilled the troops to a state of perfection which was praised at all levels and was a worthy representation from the Royal Regiment.



The Queen inspects her Guard of Honour on arrival in Ottawa, accompanied by Major Peterson.

EXERCISE AND EXERCISE AND . . .

The period April — June was an especially busy time for the regiment. On the return of its guns and equipment from Norway, D Bty joined E and RHQ Batteries on the regimental practice camp, LANYARD THRUST IV. The CO, LCol MC Brown, took the customary delight in putting all through their paces in an intense, fast-moving exercise, including fire planning, quick and open actions, sniping gun and air-mobile moves.



A gun detachment of E Bty (Para) deployed during Exercise LANYARD THRUST IV.



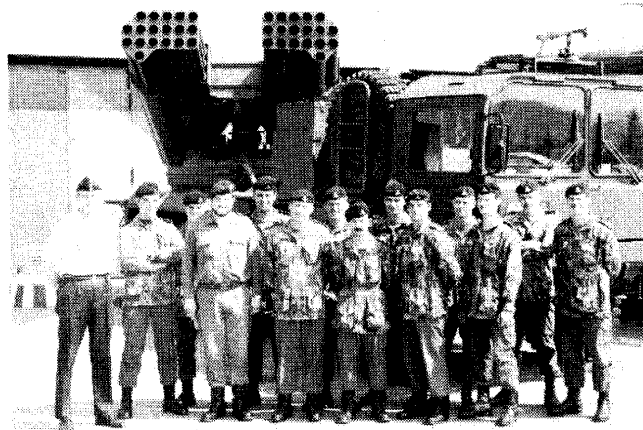
16D coming out of action on Exercise LANYARD THRUST IV. (L-R: Bdr Drummond, Gnr Morris, MBdr Roeder, Gnr Williams)

In May the regiment fired a series of Danger Close missions as familiarization for the SSF, after preparing 60 L-shape trenches for the onslaught. Eleven company-size elements, including D, E and RHQ Batteries, occupied the position after a 24 kilometre health march. D Bty fired all but one of the Danger (very) Close missions, during which the oft-heard cry from Commander SSF to his trench-mate (LCol Brown) was, "I think it should be a little closer, Mel!" The effects of artillery were forcefully brought home to 1300 all ranks in fine gunner fashion.

Also in May, six subalterns participated in a SSF Officer's Test of Skills called "OSONS CHALLENGE".

The challenge consisted of fourteen stands scattered over the training area. All stands were reached on foot, and included a 35 kilometre night route march, target shooting with pistol and SMG, an exit from the Mock Tower, a ¼ ton road rally, navigation through dense bush, and combat swimming, to name a few. Lt DMA Quesnelle placed first and is now called "Iron Man of the Brigade".

May also saw the BC and FOO parties of D Bty in Germany, participating in the annual AMF(L) Artillery Practice Camp, ARDENT GROUND 1982. Firing batteries came from the UK, United States, Italy, Germany, and Belgium, with mortar platoons from the UK, United States, Germany and Italy, the Force Arty HQ (UK), and the Force Helicopter Unit. ARDENT GROUND an ambitious, sometimes hectic, and definitely worthwhile exercise, is the most effective training vehicle for the indirect fire resources of AMF.



Members of D Bty visit the German Field Artillery School during Exercise ARDENT GROUND. They fell in love with the 110 mm LARS 11 MRL.

On 25 May E Bty (Para) departed Ottawa bound for Ft Bragg, N.C., to participate in Exercise CANADA GOOSE III. This Small Unit Exchange witnessed 64 personnel of the battery exchange with a similar number from B Battery, 1st Battalion, 320th Field Artillery, part of the 82nd Airborne Division. Training while in Ft Bragg included familiarization and deployment of the M102, a 105 mm light air dropable howitzer, and the M198, a 155 mm towed howitzer, as well as working with US small arms. Every member of the battery made at least five jumps, some of which were from C-141 (Starlifter), and C-117 (Caribou). All 64 personnel were awarded Senior Jump Wings. After a hard three weeks in sunny North Carolina, the battery redeployed to Petawawa by USAF C-130. The soldiers of B Bty 1/320 had an equally enjoyable holiday with 2 RCHA, which included a very chilly water drop into the Ottawa River.



Sgt Bourget's detachment works on M102 in Fort Bragg.



E Bty (Para) CP while on exercise in Fort Bragg.

On its return from Bragg, E Bty was commissioned to instruct an Airborne Indoctrination Course. This course teaches all personnel new to the Airborne Battle Group the basics of survival on the DZ and all skills that are required to be part of the "Airborne Family".

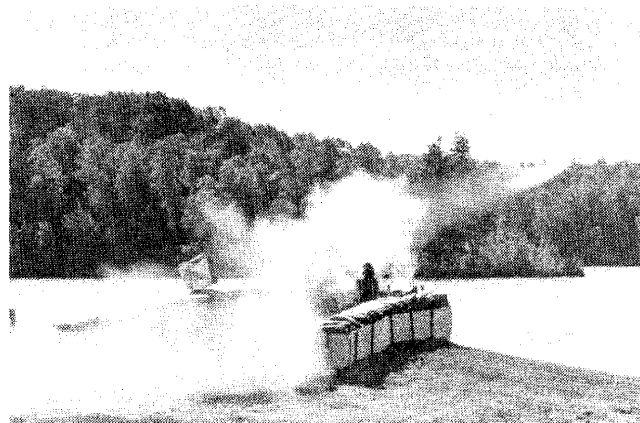


Graduation Parade for the AIC run by E Bty.

While E Bty was away, D Bty was at play with 1 RCR on Exercise CLEAR SAILING. The battery, as well as COUGARS, GRIZZLYs, battalion mortars and fast air, fired in support of a battalion attack, following which the gunners provided an enemy force — "max flex" once again.

AIR DEFENCE

On 8 July 1982, at 0907 hours, Air Defence Troop fired their first live BLOWPIPE missile from firing point "Aileron 1" at Centre Lake. This was a long awaited moment for all members of the Troop, since much hard work went into the construction of the site. However, all the hours involved were truly worth every blister as the final moments approached. The feeling of this accomplishment was compared to a first parachute descent. Words could not explain the great deal of satisfaction and achievement felt by each Air Defender at the time. The First missile was fired by the student who achieved the best miss distance on the blowpipe trainer throughout Basic Blowpipe Course 8201, MBdr GA Schultz. The MSO for this great moment was Sgt GE Bedore, who was in charge of the overall construction of the firing site.



2 RCHA Air Defence Troop launches their first live missile from Firing Point "Aileron 1" on July 8, 1982, at 0907 hours, without flaw.

Targetair Ltd. from Moncton, N.B. was a marked asset to the great success that was achieved throughout the day. The pilots of the Tots 102 aircraft flew the missions in their usual professional manner, and thanks to a 14 knot crosswind we were fortunate to go into the woods and swamp only once to retrieve an aircraft. Needless to say the aircraft was a write-off due to a parachute malfunction.

The cannister from the first missile was presented to the CO and will be displayed in the Regimental Headquarters building. It will be presented to the Top Student on future Basic Blowpipe Courses run by the Air Defence Troop.



MBdr Schultz presents LCol Brown the cannister from the First Blowpipe Missile fired in CFB Petawawa by 2 RCHA AD Tp. Capt Evoy KL, OC Air Defence, sighs a breath of relief in the background.

ROBERTS TROPHY/CHANGES OF COMMAND

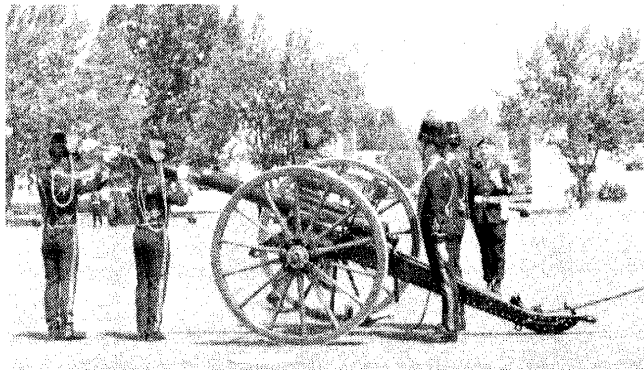
The 1982 gun battery competition for the Roberts Trophy was extremely close, with the final outcome determined by a comprehensive test exercise. E Bty emerged victorious, although D Bty took their fair share of the individual trophies. The winners were:

GPOs Open Action	- Lt DMA Quesnelle, C Tp
Quick Action	- A Tp FOO - Capt ML Klimaszewski
	CPO - Lt KP Doyle
Sniping Gun	- Sgt PJ White - D Tp
Best OP Detachment	- G12 - Capt JD Crosman



Maj Soucie assumes command of E Bty (Para) from Maj Hodgson, the latter showing his good ear.

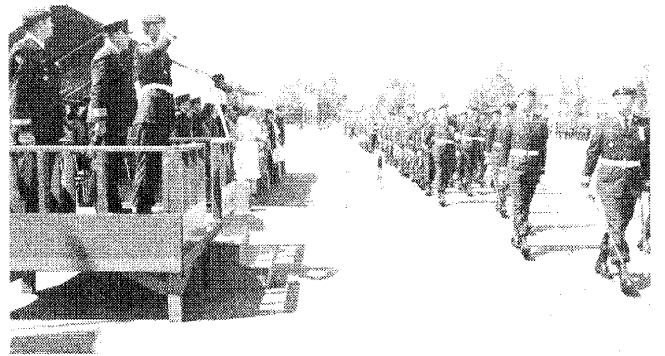
A few days after the results were announced, and following a jump onto DZ Anzio, Maj RP Hodgson signed over E Bty (Para) to Maj WJ Soucie. Once again Maj Hodgson discovered the wisdom of keeping the head down on exiting the aircraft as he almost lost an ear to his risers.



The 9-pounder detachment prepares to fire prior to Change of Command as the RSM, CWO L.E. Skinner, watches paternally.



LCol Beno signs the Change of Command scroll, watched by the Director of Artillery Col Wheatley, Commander SSF BGen R.I. Stewart, and LCol Brown. Capt Kautman (A/Adjt) attends.



LCol Beno leads his regiment for the first time as LCol Brown takes the salute.

After participating in the SSF change of command, the regiment paraded on 23 July to say goodbye to LCol Brown, and welcome the new CO, LCol E.B. Beno, who graciously sent us on leave.

REGIMENTAL SCHOOL

Again this year the Regimental School was busy in the fall months with an assortment of "Gunner" courses. Because of the tremendous influx of TQ3 soldiers and the numerous postings-out of 2 RCHA personnel, the impetus of training was directed towards the Regimental School.

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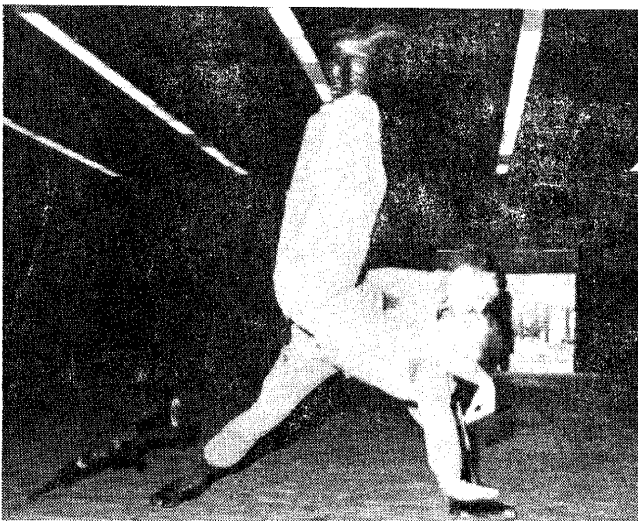
Under the direction of the RCPO, Capt G A Gallop, and School SMIG, WO D R Corbett, a total of 175 soldiers were trained. Courses included two basic arty tech, two basic comms, three driver (wheeled) and one detachment 2 I/C course. As well, two pre-survey courses, two pre-CLC courses, and one pre-advanced tech course were run.



Dvr Wh Course 8203 — 175 members of the regiment attended basic qualifying trades courses during the two-part Regimental School.

Instructors and resources, for the most part, came from within the Regiment (except for a number of HP 41-Cs graciously loaned by Militia artillery units). Two live fire and movement exercises confirmed the training of both serials of the Regimental School. A highlight of the FTX was a Danger Close mission fired by the School in support of 2 CER training.

OTHER ACTIVITIES . . .



Good technique shown on the Unarmed Combat Instructor Course.



Gnr Jean of E Bty (Para) received the Top Candidate Award for the SSF Unarmed Combat Instructors Course from Maj W.J. Soucie.



BGen Turner, our Colonel-Commandant, inspects the RCA Band in their new uniforms during the RCAA Conference.

Although the Regimental School received priority of effort, a number of other courses and activities involved members of the regiment. Many soldiers received Basic Mountain Warfare training. E Bty conducted an Unarmed Combat Instructor Course for SSF units. D Bty and RHQ provided the marking team for CMA units in the RCAA Competition. The regiment hosted the Annual General Meeting of the RCAA and the Master Gunners' Conference. E Bty (Para) performed in a demonstration for the Permanent Joint Board on Defence, with C Tp dropping as part of a six plane formation ("Green Light" to first round in twelve minutes), and D Tp deploying by CH 135 (first round in twelve seconds). And the list goes on . . .

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... AND MORE EXERCISES

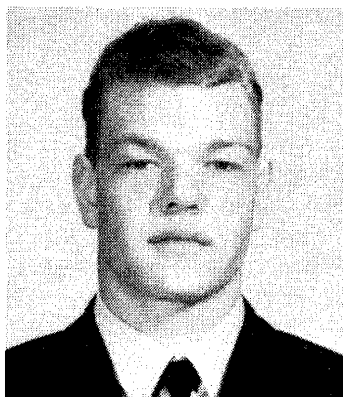
Exercises, too, did not stop for the Regimental School. E Bty came under command of the Canadian Airborne Regiment for two exercises — PEGASUS RAMBLER and PEGASUS STRIKE. PEGASUS RAMBLER was a five day, 160 kilometre march in the local area. E Bty (Para) was the only unit of the battle group which could boast of finishing the "Death March" intact, with no injuries. PEGASUS STRIKE saw the battery deploy to Shilo for a series of Commando test exercises in December.

The regiment was involved in Exercise RITE SIMPLE X, a CAST Brigade CPX set in Wainwright (Blueland), the scenario for RV 83. This exercise ran concurrently with the LMI and made for a busy period indeed!

Last, but not least, was Exercise FULL HOUSE, SSF FAC refresher training with a difference. The smoke and fog of war was simulated, making it even more difficult for ground and air FACs and "fast-movers" to acquire targets. As part of the exercise, D Bty deployed by CH 147 to support air mobile exercises.



17 gun CANOE RIVER memorial salute.



In Memoriam

Gunner Eric Aimé Jacquemin

6 July 1982

He served the Guns.

His loss is mourned by the Officers and men of 2 RCHA.

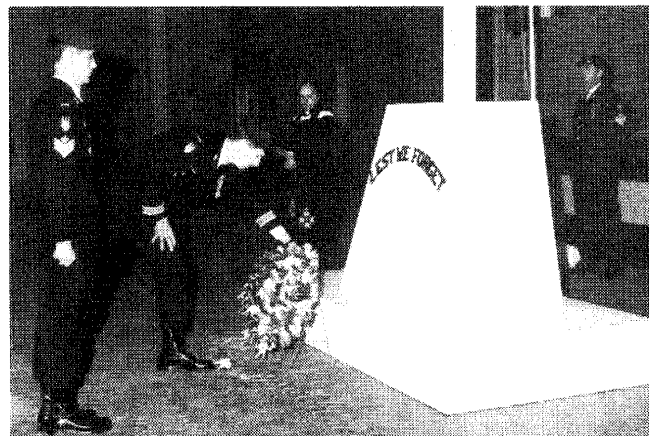
Stand Easy.

POST SCRIPT

1982 was a very productive year for 2 RCHA, although a myriad of activities made it very difficult to get together as a regiment. Numerous exercises often took away a battery, and the requirements of Regimental School and taskings further reduced available time. We love the pace, however, and once again we have overcome. In the words of LCol Beno (said in jest), "... running this regiment would be a picnic if it wasn't for those gun batteries!"



2 RCHA Air Defence Troop at Firing Point "Aileron 1".



Major Briscoe lays wreath during the CANOE RIVER memorial ceremony.



NINETY—TWO YEARS OF SERVICE

The Second Regiment bids farewell to MBdr Lewis BA (28 years), Bdr Desbiens A (32 years), MBdr Tucker LBJ (32 years) during a retirement ceremony at CFB Petawawa.



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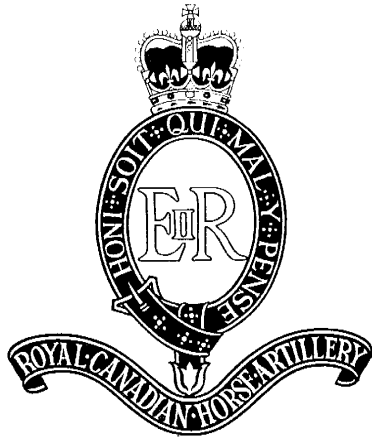
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THIRD REGIMENT



The new M109A3s are back after being "up gunned" and refurbished in Letterkenny, PA. RSM McCulloch is seen in front of our 13 M109A3s.

In the year 1982, most of the regiment's operational efforts revolved around one place — Cyprus. For the first time in its thirty year history, the Third Regiment was to take up peacekeeping duties as a unit, a new experience for almost everyone.

In January the regiment completely reorganized along the lines of an infantry battalion to fit the Cyprus task. G, J, U and RHQ Batteries retained their identities but now instead of being gun numbers on the M109, gunners became riflemen. January, February and March were devoted to training and administrative clearance for Cyprus as everyone began to gear up for "The Island of Love" and peacekeeping in Cyprus (neat trick during a Shilo winter!). After two weeks of well-deserved leave it was time to kiss our wives, families and girlfriends goodbye and board the plane.



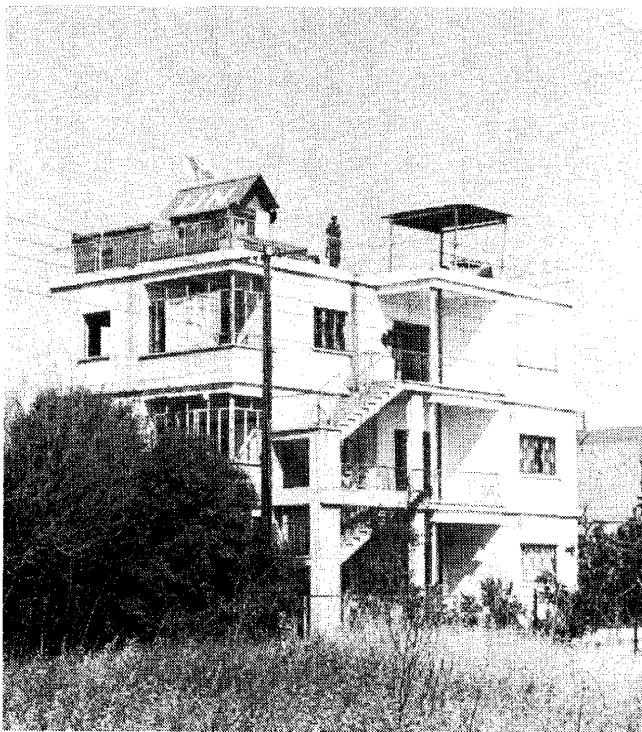
The regiment clears for Cyprus.



Gnr G. Butler on foot patrol.

It's a bit of a shock leaving -25°C in Canada and 36 hours later finding oneself in a country where the oranges and lemons are ready to be picked.

After a brief handover from 2nd Battalion Royal 22nd Regiment and settling into our somewhat less-than-luxurious quarters, the job of peacekeeping commenced. Ten observation posts had to be manned on a 24 hour basis, 7 days a week, daily routine patrols were to be conducted; the time had arrived to put our training into practice. To accomplish our task the regiment was divided into four major sub-units. Headquarters Battery (housed at the Ledra Palace), worked out of the Wolseley Barracks complex, and was made up of the operations staff, signals troop, reconnaissance troop (graciously supplied by Recce Squadron, Lord Strathcona's Horse) and a military police section. U Battery also lived at Ledra Palace and was responsible for manning the eastern half of the ceasefire or "Green Line". G Battery lived in Camp Maple Leaf, 5 km west of Nicosia, and was responsible for manning the western half of the ceasefire line. J Battery, the largest sub-unit, looked after all the logistic requirements of the Canadian Contingent which included rations, pay, medical, dental, postal, transport and maintenance, welfare, the Canex warehouse and the padres. They were augmented by members of 1 Canadian Brigade Group and other soldiers selected by National Defence Headquarters. J Battery lived and worked in Blue Beret Camp, also in the western end of Nicosia. Another sub-unit of the regiment which also played an important role, even though 8,000 miles away, was H Battery, the rear party. These were the soldiers who stayed in Shilo and met regimental taskings and commitments and kept the homefires burning.



OP Vineyard in Sector Four.

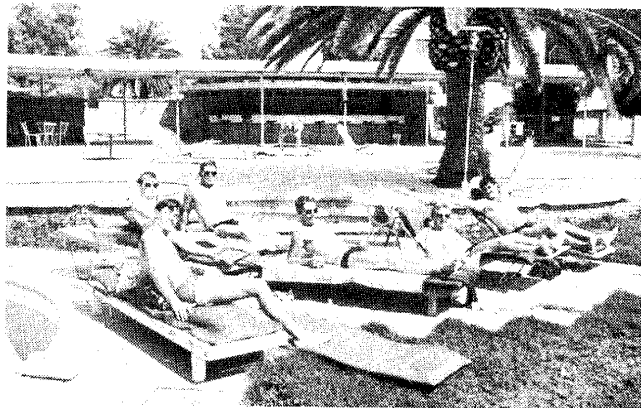
3 RCHA hosted a different visitor almost every week and people such as Major General Baker, Brigadier General Cotter, Brigadier General Turner, Commodore Crickard, Major General Dunn, Colonel Archambault, Colonel Wheatley, and the Royal Winnipeg Ballet were some of Sector Four's many guests.



Gnr K.H.R. Bond briefs MGen D.R. Baker on duties at the OP.

As anyone who has been to Sector Four can attest, there is a great deal of room for improvement particularly in some of the living accommodations. Each new contingent usually undertakes improvement projects and 3 RCHA was an ambitious follower of this tradition. Our projects ranged from the installation of a new bell in the Wolseley Barracks Officers' Mess to the complete renovation of the men's quarters at Camp Maple Leaf.

Cyprus is a charming and beautiful island, especially during the summer months, and during our tour it was no exception.



It's not all hard work!

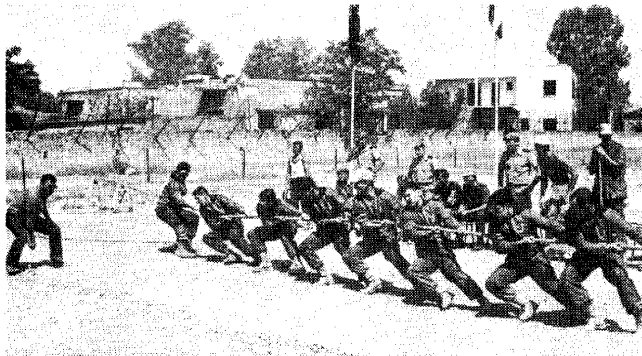


Gnr Brunette and Bdr Robinson on security patrol.



Bdr J.A. Kellman on OP duty.

Another important aspect of United Nations life is sport, both individual and organized teams. The sight of Canadian soldiers wearing their blue caps or T-shirts and jogging down the road was a familiar one. Within the regiment there were several softball leagues, a soccer league, a water polo league and a floor hockey league. A few Canadians even tried their hand at cricket, courtesy of the Australian Civilian Police Contingent (it will never replace baseball!). International competitions between all the national contingents are held once or twice each month and while in Cyprus the regiment participated in such meets as track and field, volleyball, swimming, orienteering and tug-of-war, to name a few. Unfortunately, we had to bow out of the windsurfing competition due to a distinct lack of expertise. Fortunately for the other UN contingents on the island there was no ice hockey competition . . . probably because the biggest piece of ice you can find in Cyprus during the summer is likely floating in a brandy sour!



The regiment's tug-of-war team does its stuff.



The Falling Plate competition.

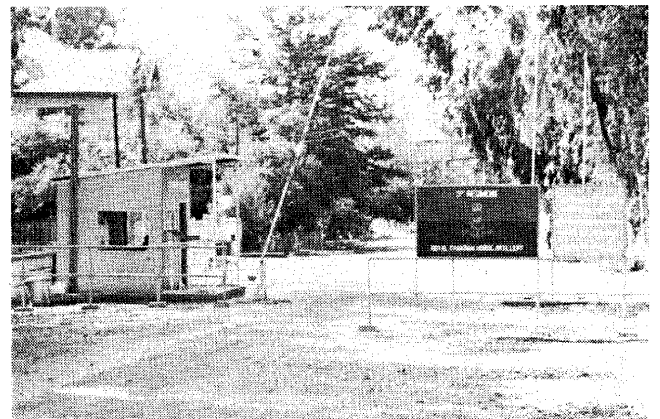
Although gunnery training was somewhat difficult to conduct, other types of training were certainly not overlooked. The small arms ranges were busy and troops also conducted route marches, map reading exercises, helicopter familiarization, and armoured fighting vehicle recognition classes. U Battery even brought a Blowpipe trainer so that the "bird gunners" could keep a hand in. All this training was put to the test during a military skills road rally and a march and shoot competition between troops. There were numerous other diversions for the soldiers during what little free time they had. Scuba courses, windsurfing lessons, woodcarving classes and a radio show produced by our own soldiers, all were heavily subscribed to.



A scuba course at the Ledra Palace pool.



Maj J.C. Stewart takes over "G" Bty from Maj P.R. Learmonth.



The new front gate — Wolseley barracks and Ledra.

Different people will have different memories of Cyprus, but all will fondly remember the Canada Week Celebrations hosted by 3 RCHA. Receptions for local and foreign dignitaries, the Canadian entertainment troupe and our medals parade were all important events, but perhaps the most memorable (and coincidentally, the most fun) event was Stampede Day on July 1st. On that day the Wolseley Barracks complex was transformed into a wild west town complete with saloon, horses (well, donkeys actually), cowboys, country and western music, hay bales and even a hangin' judge — good typecasting Major LaForge! Everyone was welcomed and children of all ages had a good time.



Sgt D.J.J. Meehan in the Canada Day Parade.



The best country and western band in the Mediterranean.

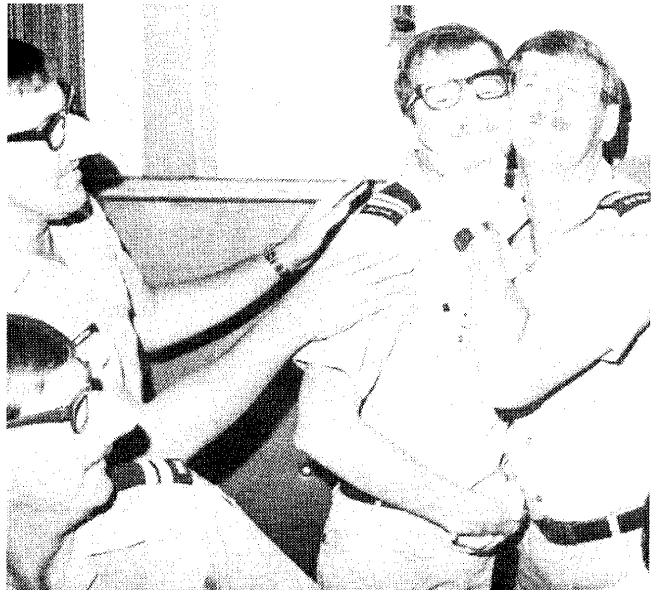


UNFICYP Commander, MGen Greindl, presents Gnr B.R. Buchan with his Cyprus medal.

Cyprus is a busy tour for everybody and even though there are always several things happening at once, the raison d'etre is peacekeeping and this was done with the usual gunner professionalism. All the members of the regiment will look back in the years to come with fond memories of the little island in the Mediterranean.



Gnr M.J. McDonald receives a commendation for rescuing a drowning child.



The winner of the first annual second-in-command look-a-like contest Capt M. Fields, with the chief judge.

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MBdr M. D. Neville on the Dancon march.

3 RCHA arrived back in Shilo by the first of October. After three weeks leave, it was back to work and the big task of once again becoming an artillery regiment. H Battery was dissolved and people returned to their respective sub-units, and field batteries welcomed a fresh crop of brand new gunners from the Battle School. After the brief shake-out period, we launched right into a regimental school by running driver wheeled and tracked courses, basic communicator and basic technician courses and a forward observation technician course. All of these courses ran up until the Christmas leave period, employing almost all of the Regiment as students or instructors.

The regiment still had its traditional Avalanche Control duties at Rogers Pass, BC, to carry out from November to March and the first detachment with Lt RJ Roy as OIC and Sgt Ferguson EL, detachment commander, departed for the west 1 November 1982.

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Avcon Detachment Dec. 82.

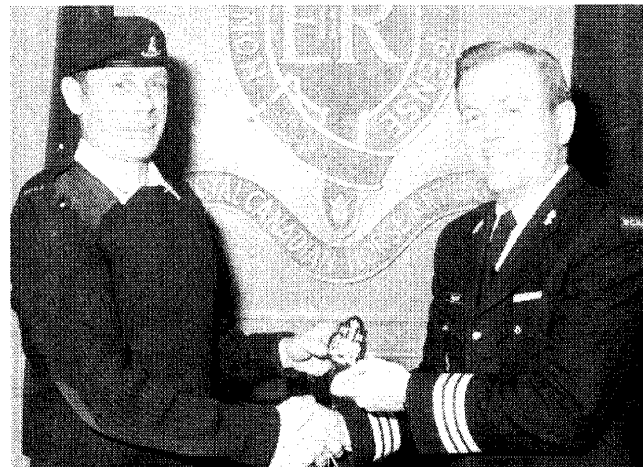
L-R rear row: MBdr W.C. White, 2 Lt L.A. Araujo, Sgt E.L. Ferguson, Gnr B.A. Pelky, Bdr S.R. McKay, Warden Lariviere

L-R front row: Gnr W.M. Whelan, Bdr D.W. Ekstrom, Gnr S.B. MacDonald, Gnr S.L. MacIntyre

The regiment looks forward to meeting the challenge of an extremely busy year and a return to field and air defence gunnery.



Sgt Turbull retires after a total of 28 years service. Eighteen of these years were spent with 3 RCHA.



CWO (Mr Gnr) R.A. Wight is congratulated on his promotion by CO 3 RCHA LCol T.J. Guiler.

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LE CINQUIEME REGIMENT

PREFACE

L'année 1981-82 a représenté un défi de taille pour tous les membres du 5e RALC. En effet, puisque le régiment a participé à l'exercice RV 81 dès notre retour de Chypre en 1980-81, très peu de cours de carrière avaient été dispensés à l'unité pour presque deux ans. Cette situation devait être réparée tout en se contentant d'un nombre croissant de tâches du QG de la Force mobile et d'un budget moindre. L'école régimentaire commença au mois d'août 1981, laissant les batteries complètement dépouillées de leurs membres qui étaient soit instructeur soit étudiant à la dite école. En plus de fournir de l'aide francophone au cours de qualification 6A à l'école d'Artillerie nous avons aussi appuyé nos unités affiliées pendant leurs séries d'exercices d'automne. Toutefois, le 5e RALC n'a pas seulement entraîné un plus grand nombre de chauffeurs, communicateurs et de techniciens que jamais auparavant, mais nous avons aussi conduit six cours de niveau de solde 3, lesquels ont gradué 226 nouveaux artilleurs.



No 31, Cpl "Reg" Noel, compétition de ski alpin, jeux d'hiver 5 GBC, fév 82.

No 31, Cpl "Reg" Noel, Alpine ski competition 5 GBC Winter Games, February 1982.

EX NEZ ROUGE

Immédiatement après la période de congé des "Fêtes", la priorité numéro un devenait l'exercice Nez Rouge. Cet exercice de combat en hiver au niveau de brigade a été précédé d'une période de deux semaines réservées à l'entraînement au niveau de batterie et de

FOREWARD

The training year 1981-82 presented a major challenge to everyone in 5 RALC. As a result of our tour in Cyprus during 1980-81 and Exercise RV 81, which was held soon after the return to Valcartier, few formal artillery courses had been conducted in almost two years. This situation had to be redressed, while contending with increased taskings from FMC and a reduced budget. The Regimental School began in August of 1981, leaving the batteries stripped to the bone as their personnel either attended or instructed courses. Further, in addition to providing Franco assistance to the TQ6A course at the Artillery School, we also supported our affiliated units during their Fall exercise series. Still, 5 RALC not only trained more drivers, communicators and technicians than ever before, but we also conducted six TQ 3 courses, which graduated 226 new gunners.



"on the move", Ex Nez Rouge, January 1982.
"en déplacement", Ex Nez Rouge jan 82.

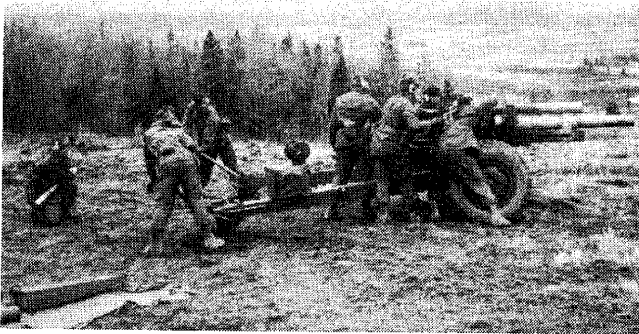
EX "NEZ ROUGE"

Immediately following the Christmas leave period, Ex Nez Rouge became the number one priority. This Brigade level winter warfare exercise was preceded by two weeks of battery and Regimental training. Those two weeks proved invaluable, as the temperature plunged to -40°C and remained there throughout the Brigade exercise. With X and Q Btys in direct support of 2 RCR and the "Van

régiment. Les deux semaines ont prouvé être inestimables puisque le thermomètre descendit à moins -40°C et pour y demeurer pendant l'exercice de brigade. Les batteries X et Q étaient en appui direct des 2 RCR et les "Van Doos" respectivement, la bte V scrutant le ciel, le régiment se traîna à pied dans la neige pour une longue semaine d'avance au contact, laquelle nous a fait vraiment revivre les sensations que les soldats français et allemands ont dû connaître lors de leur marche sur Moscou. Cependant nous étions un peu plus chanceux que nos ancêtres, puisqu'ayant écrit l'exercice nous sommes sortis vainqueurs.

EX PETITE GARGOUSSE — JEUX D'HIVER

Nos "mukluks" n'ont même pas eu le temps de dégeler qu'une fois de plus nous nous trainions dans la neige à Valcartier et à Gagetown. Les jeux d'hiver de la brigade ont suivi de près l'ex Nez Rouge et ce, même si les officiers de la batterie X et quelques 100 membres du régiment jouissaient de la température de Gagetown. Lorsque les résultats finaux ont été connus le régiment s'était classé plus haut et s'était mérité un plus grand nombre de médailles que jamais auparavant. Petite Gargousse a été notre contribution aux essais d'hiver du système GACS puisque nous avons appuyé les cours de l'école d'artillerie pendant que la bte W participa aux essais en question.



Bdrc Couillard (15A) en action, compétition de tir anti-chars, Ex Pièce Maritime, avril 82.

MBdr Couillard (15A) in action, anti-tank competition Ex Pièce Maritime, April 1982.

EX PIECE MARITIME V

Lorsque le mot s'est passé que Gagetown est un "paradis", chacun voulait y aller. Ainsi, en avril nous y étions. Les "P.I.'sG" connaîtraient bientôt leurs aptitudes à faire des plans de tir, et comme d'habitude, l'école d'Artillerie demanda notre aide. Le régiment profita de l'occasion pour renouer de vieilles connaissances et pour aiguïser notre talent d'artilleurs. Les batteries X et Q se sont livrées une chaude lutte pendant les compétitions de tir régimentaire, lesquelles virent la batterie X remporter la palme et tous les trophées. Pendant ce temps, la batterie V, accompagnée, d'observateurs militaires britanniques et allemands a passé la majeure partie de son temps à s'entraîner au tir de blowpipe et de boffin de 40MM.

Doos" respectively, and with V Bty keeping an eye on the sky, the regiment trudged through the snow on a week long advance to contact, which stirred genuine empathy for the French and German soldiers who had marched on Moscow. We were a little luckier than our forbearers however, for having written the exercise, we won.

EX PETITE GARGOUSSE — JEUX D'HIVER

Our mukluks did not even have time to thaw before we were once again frolicking in the snow; both in Valcartier and in Gagetown. The Brigade Winter Games followed shortly after Nez Rouge and, although the officers from X Bty and one hundred men from the Regt were enjoying the Gagetown weather on Exercise Petite Gargousse, the Regiment won more medals and placed higher than ever before in the final unit standings. Petite Gargousse was our contribution to the Winter GACS Trials, where we supported the Artillery School while W Battery put GACS through a comprehensive test.




BC X, Maj Brian Lees and CC11 (Captains Gord McAlpine and Bruce Gallant) Ex Pièce Maritime, April 1982.

CB X, le maj Brian Lees et CC11 (Capt Gord McAlpine et Bruce Gallant) Ex Pièce Maritime V avril 82.

EX PIECE MARITIME V

Once word got around that Gagetown was such a paradise, everybody wanted to go. So, in April, go we did. The "P.I.'sG." were about to realize their fireplanning potential and, as usual, the Artillery School called on us to help. The Regiment took advantage of the occasion to renew old acquaintances and to hone its gunnery skills. X and Q Btys fought it out during the Regimental competitions, which saw X Battery make a clean sweep of the trophies. Meanwhile V Bty, accompanied by observers from both the British and German Armies, conducted a tremendous amount of live Boffin and Blowpipe training. It was generally agreed that, during the exercise, the weather was typical, the training rewarding and the mess dinner unforgettable.



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Finalement tous ont été d'accord que pour l'exercice la température a été typique, l'entraînement profitable et le dîner régimentaire inoubliable.

PASSATIONS DE COMMANDEMENT

L'arrivée du printemps a apporté toutes sortes de nouvelles activités au Régiment. Dans la batterie d'Etat-Major le Maj D.J. Phillips remplaçait le Maj A.G. Gallant au poste de commandant-adjoint et le capitaine "Wes" McRobbie laissa la place au nouveau CB, le Capt "Alain" Couture. A la batterie Q, le Maj "Doc" Hopper, le Capt Fleury, les lieutenants Beauséjour et Fraser ainsi que le SMB Dubuc ont été remplacés par le maj "Ken" Hague et son équipe composée des capitaines Tremblay, Laporte et Lauriault et du SMB Mouton. La batterie X souhaite le au-revoir et bonne chance au SMB Poisson et la bienvenue à l'Adjum Maillet. Cette année la batterie V a été épargnée, mais ils ont cependant conservé un profil très élevé. Pendant deux exercices remplis de succès aux mois de mai et juin ils ont poursuivi entre autres les CF 5 de Bagotville, les "demoiselles" du Saguenay, et les TATS à Suffield. N'oublions pas le Capt G. Lang présentement muté à DRAGUIGNAN en France comme officier d'échange.



Bdrc Ostiguy en spectacle, pique-nique régimentaire, au Lac à l'île, juil 82.

MBdr Claude Ostiguy entretiens, Regimental picnic at Lac à l'île, July 1982.

CHANGE OF COMMANDS

The arrival of Spring brought all kinds of new life and activity to the Regiment. In HQ Bty, Major D.J. Phillips replaced Major A.G. Gallant as DCO, and Captain "Wes" McRobbie gave way to the new BC, Captain "Alain" Couture. Over in Q Bty, Major "Doc" Hopper, Capt Fleury, Lts Beauséjour and Fraser as well as BSM Dubuc were replaced by an eager Major "Ken" Hague and his team of Captains Tremblay, Laporte, Lauriault and BSM Mouton. X Bty wished good luck to BSM Poisson and welcomed MWO Maillet. V Bty was spared this year, but they nevertheless kept a very high profile. During two very successful exercises in May and June, they chased everything from CF 5s in Bagotville and the ladies of the Saguenay, to the TATS aircraft in Suffield. In addition, the Regiment sent Capt G. Lang to DRAGUIGNAN, France, as our exchange officer.



Start of the Carlsberg 15 Km race, July 1982.

Départ de la course Carlsberg de 15Km, juil 82.



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ACTIVITES ESTIVALES

Comme nous approchions de la période de congé d'été, le régiment se concentra à l'entretien du matériel et du personnel. Le point culminant de "l'entraînement physique annuel" a été sans contredit la course Carlsberg de 15Km qui est une course à pied pour tous les membres du régiment parrainée par la brasserie Carlsberg-O'Keefe. En gagnant les trophées de troupe et de batterie, la batterie X prouva être la plus rapide à la course, mais l'amélioration dans le conditionnement physique a fait de nous tous des gagnants. Le lendemain, la batterie Q démontra ses talents d'organisation avec le meilleur pique-nique régimentaire que nous ayons jamais eu. Sur la parade la journée suivante le LCol Rouleau exprima ses meilleurs vœux pour un congé sécuritaire et reposant, après quoi nous nous sommes dispersés aux quatre vents pour un repos bien mérité.



Passation de commandement de la bie d'Etat-major.

HQ Battery change of command (L to R) Capt Wes McRobbie, LCol Norm Rouleau, Capt Alain Couture, July 1982.

SUMMER ACTIVITIES

As we approached the Summer leave period, the Regiment concentrated on the maintenance of both equipment and personnel. The climax to the "physical training year" was the "Carlsberg 15 Km" run; a Regimental foot race sponsored by the Carlsberg-O'Keefe brewery. In winning both the battery and troop trophies, X Bty proved to be the fleetest of foot, but the increase in physical conditioning made winners of us all. Q Bty displayed its organizational talents the following day with the best Regimental picnic ever. On parade the day following the picnic, LCol Rouleau passed on his best wishes for a restful and safe holiday, at which point we scattered to the four winds for a well deserved rest.



Q Battery change of command (L to R) Maj Doc Hopper, LCol Norm Rouleau, Maj Ken Hague, June 1982.

Passation de commandement de la Bie Q.



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EX MAITRE GUERRIER 82

Lorsque le régiment se réassembla en août, les préparatifs en vue de l'ex Maître Guerrier ont commencé immédiatement. La réputation de "Fantasy Island" de Gagetown avait été répandue internationalement et maintenant la 5e Brigade aurait la tâche de défendre son territoire et ce, contre nul autre que ces perpétuels "Fantasians". Notre campement était encore une fois établi à Hibernia, mais la batterie V se déploya au site de survie nationale sur la route de Shirley dans le but d'économiser l'essence pour se rendre dans les secteurs de manoeuvres de défense aérienne. La première partie de l'exercice a été réservée à l'entraînement individuel rempli de succès. Pendant que les bies X et Q faisaient bon usage des secteurs de manoeuvres, la bie V a créé un précédent en détruisant un avion TATs en plein vol avec un missile blowpipe.

La batterie d'état-major nous a gardé au "courant", nourrie et mobile. Pour la bie X, l'exercice régimentaire a prouvé être le point culminant du mois, ayant remporté tous les tirs de réglage des missions de tir régimentaires. Cependant, les émotions fortes de l'exercice régimentaire devinrent très rapidement souvenirs puisque nous avons déployé immédiatement pour d'autres tâches. La batterie X a produit une impressionnante démonstration lors de l'ex Mobile Warrior, pendant que la bie V allait à Chatham pour défendre la base aérienne avec un détour à la station de radar de Ste-Marguerite. En même temps les bies Q et d'état-major se déplacèrent en prévision de l'exercice de brigade. Trois jours plus tard, les "Fantasians" ont encore une fois été chassés sur la rive est de la rivière St.-Jean et nous sommes retournés à Valcartier avec plusieurs nouvelles leçons apprises et heureux d'avoir accompli un bon travail.

CONCLUSION

La dernière année a été caractérisée par une tumulte et succès sans précédent au 5e RALC. Nos artilleurs sont fiers et leur moral est haut, spécialement en vue des deux échanges de petites unités qui s'en viennent. La bie X ira à Fort Campbell, Kentucky pour un exercice avec la 101 (AASLT) Division pendant le mois de janvier et la bie Q visitera Fort Benning en Georgie pour un échange avec la 197e Division d'infanterie au mois de mai 1983.



Bdrc Milton et son détachement, Ex Mobile Warrior, oct 82.

MBdr Milton and detachment, Ex Mobile Warrior, October 1982.

EX MAITRE GUERRIER

When the Regiment re-assembled in August, preparations began immediately for Exercice Maître Guerrier. Gagetown's "Fantasy Island" reputation had spread internationally and now 5 Brigade would have to defend it against who else but those perennial pests the "Fantasians". Our bivouac was once again at Hibernia corner, but due to the projected saving in fuel and the location of the air defence training areas, V Bty deployed to the national survival training site on Shirley Road. The first stage of the exercise was one of very successful individual training. While X and Q batteries made good use of the training areas, in preparation for the Regimental exercises, V Bty became the first blowpipe equipped air defence battery to destroy, in flight, a TATS 102 aircraft.

Headquarters Bty kept us informed, nourished and mobile. For X Bty, the Regimental exercise proved to be the highlight of the month, as they won all of the Regimental adjustments. However, the thrill of the Regimental exercise quickly became a memory as we were immediately redeployed on different taskings. X Bty produced an impressive demonstration as part of Ex Mobile Warrior, while V Bty deployed to CFB Chatham to defend the air base, with a side trip to the radar station at Ste-Marguerite. At the same time, Q and HQ batteries moved from Hibernia corner to Air Strip 1 in preparation for the Brigade exercise. Three days later, the Fantasians were once again banished to the east bank of the St. John river and we returned to Valcartier with many new lessons learned and happy with a job well done.

CONCLUSION

The past year was characterized by unprecedented bustle and success in 5 RALC. Our gunners are proud and their morale is high, especially in anticipation of the two small unit exchange programs. X Bty will be going to Fort Campbell, Kentucky for an exchange with 101st AASLT Division during the month of January and, Q Bty will visit Fort Benning, Georgia for an exchange with the 197 Infantry Division in May of 1983.

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7TH TORONTO REGIMENT OPERATIONAL TASKING

Due to escalating inflation, spiralling costs incurred in procuring and maintaining technologically advanced equipment, and greater emphasis in other spheres of government spending, the Canadian Armed Forces have had to make do with less and less resources in recent times. The situation became so critical that Forces Mobile Command determined that it was no longer able to support its current operational commitments.

Having approached higher authorities and having been told that no other allocations could be made, the Commander of FMC resorted to an as yet relatively unexploited resource, the Reserve Force. Central Militia Area received a warning order in October of 1981 to provide a 2 Battery close support artillery regiment for operational tasking, fully formed and trained to operational standard, by 30 June 1983. CMA in turn tasked 7th Toronto Regt RCA to provide an RHQ and one battery, and tasked 11th field regiment to provide one battery to work with 7th Toronto.

On the basis of the FMC warning order, CMA sat down and created an appreciation of the training required to raise 9 and 29 Bty to operational standard, and more importantly, to raise an effective RHQ by June of 1983.

The findings of the appreciation identified certain weaknesses, this being:

- i) Funding;
- ii) Equipment shortages;
- iii) A requirement for more Regular Force support; and
- iv) Approval of more Class B positions.

As could be expected, FMC came back with no increase in funding, this being the original reason for op tasking the reserves. The other points all required sleight-of-hand and re-juggling of already scarce materiel. Vehicles were being reallocated in the spring of 1982, but did not start arriving at 7th Toronto until the end of the summer. Very few were actually available for use during Milcon '82, having been held by the transport section at CFB Toronto. Additional RSS were not allocated, which put a very heavy burden on those with the unit, and also affected the extent of training available to those personnel slotted in regimental line serials. Additional ammunition allotments were not made, which forced CMA to cut allotments to nonoperationally tasked units while reducing the planned live-fire training for the regiment.



Capt Dennis Downs and Capt (now Maj) Don MacGillivray make for a close and well co-ordinated "sharp end" of OP officers. They are ever confident.

7th Toronto and 11th Field, prior to the regimental tasking, had no tactical capability, nor one for sustained 24/7 training or double banking. Certain key appointments had no equipment or vehicles whatsoever, while

vehicle repair at the time was described as "alarming".

In terms of training, both 9 Bty and 29 Bty had achieved high standings in the RCAA competitions, with the bty's being manned to the six-gun maximum. Shortfalls were noted in the Sr NCO ranks, starting at the gun detachment commander level. The Officers' ranks were adequate on a battery level, with BCs' and FOOs' positions being quite strong. But the big challenge was to get personnel with good supervisory and leadership skills as well as a modicum of grip into the RHQ positions. The challenge for those involved in mid-wifing the fledgeling regiment was not in training the batteries but in forming and training the RHQ within the historical constraints which had yet to be altered at the unit level. In English, one could say that "The Regiment had to learn to shoot as a Goddamn Regiment".



Having received deployment orders Capt Downs and Bdr Sherman (now Lt) were less than confident. Camp Grayling Mich is in the background.

CMA, in its briefing to General Belzile, put it thusly: "There is no question that almost without exception, the personnel who will man the RHQ key appointments and senior technical positions are **currently** serving. The task remains to train them and their replacements in the slots they now occupy. To this end the planning process started after the warning order was received to identify the appropriate personnel. Essentially, we are speaking of career progression within real time frames and training personnel by means of TQ courses at the unit, district, area, and national levels as well as on-the-job training and Regular Force attachments." What they meant was this. "Lt. Bloggins, we need an Ack-RCPO. Congratulations — here's your autographed, leather-bound copy of 306 (4)."

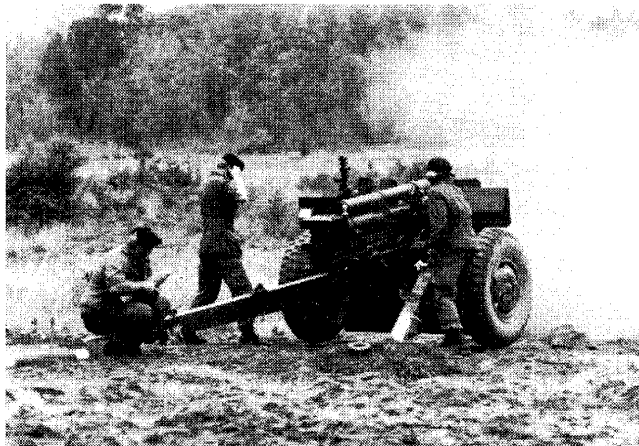


Quick somebody send a Shell rep, we've been hit!

Where did the regiment go from there? Well, for Milcon '82, most of the vehicles which had been allocated were being held at CFB Toronto, greatly affecting the unit's effectiveness in the field. At Grayling, comments ranged from "This Unit has come a hell of a long way in the past 10 days" to "this exercise was, with all due respects, sir, a f----- waste of time." Indeed, in some cases it was. But Milcon '82 was the first time in recent memory that a reserve regiment has had to work as a regiment, and it is not an easy task. For units that are used to working in a fashion that culminates in a battery shoot, it is difficult to use ring net and make admin reports to someone who actually cares about the ammunition state. At the observer level, it is a total surprise to actually receive good weight of fire on a regimental target during a fire plan. But it appears that, in spite of all of the misgivings about the workability of a regiment, this op-tasked unit is finally beginning to gel. The RCP Exercises actually mean something now. The foreignness of working with a real "O" is becoming minimal. In spite of all the odds to the contrary, it appears as if 7th Toronto will be ready, aye, ready for 30 June 83, when the entire project will be evaluated. At this time, though, a few fundamental questions must be considered. These are:

Is it valid to utilize reserves in a primary tasking, in violation of all previous military dogma?

How will recruiting proceed in smaller population centers? Toronto, with a population of 3 million, had difficulty in obtaining trained personnel, even after borrowing from other units such as 25 Svc Bn. Also, there were severe limitations on SRTP intake, which hurt the unit.



Number one's open action in Grayling, Mich. — Charge 7!

As 7th Toronto was supplied vehicles and equipment from across Canada, are more supplies forthcoming for future op-tasked units, or are supplies to be constantly shuffled around?

The Op Tasking is indeed a challenge for 7th Toronto and 11th Field and it appears that the regiment is going to succeed. The Ops Tasking, if deemed successful, means a great deal to the Canadian militia. It means greater opportunity to act in a more meaningful and fulfilling role. It means that the militia will be able to strip off the image of "Weekend Warriors" and take a place beside the Regular Force as operationally tasked units with specific and vital jobs. 7th Toronto is proud of being chosen as one of the advance party for this novel approach.



Capt Dennis Downs and crew show their real stuff once at the OP. Good Shooting!

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15TH FIELD REGIMENT RCA

At the close of 1982, the following personnel are occupying the key regimental positions:

LCol JG MacGregor, CD	- Commanding Officer
Maj VWB Hamilton, CD	- Deputy Commanding Officer
Maj ID Newby, CD	- BC 31 Battery
Maj JA Jessop	- BC 68 Battery
Capt CI Young	- Adjutant
Capt L Kung	- RQM
Capt EC Bryce	- MSE Officer
CWO EC Tyldesley-Gore, CD	- RSM

The Regiment's 63rd year was varied and busy as in years gone by and space will only permit some highlights to be mentioned.

Training was uppermost in everyone's mind as the Regiment was assigned an operational tasked battery role. This role has seen our gun strength go back to 6 guns and additional vehicles were received. A practice camp was held at the Yakima Firing Centre, Washington, USA from 2-11 April. The RCAA Competition was fired during this camp and the effort resulted in the awarding of the Sir James Aitken Challenge Cup for third place in the Regimental Competition. MILCON 82 was held at Fort Lewis, Washington, USA from 21-29 August. Exercise "BLACK BEAR", 10-12 September, saw the Regiment deployed by Hercules aircraft to provide artillery support for the German Army Training Establishment, Shilo. This has proven to be a popular and meaningful task over the past several years.



11 Sept 82 — The BC indicating targets for adjustment to his FOO on Ex. Black Bear, Shilo.



11 Sept 82 — German Arty LO briefing Capt Young on the battle plan during Ex. Black Bear, Shilo.

Two exercises were held at CFB Chilliwack where unit members were able to fire all their personal weapons. A falling plate competition at each weekend injected a spirited participation by all shooters. Cadets from the Regiment's Corps and 111 Air Cadet Squadron also enjoyed the opportunity to fire and assist in the butts.



26 Aug 82 — Comd FMC discussing Milcon '82 Ex with MBdr Parkinson and members of his gun detachment.

Exercise "EASY RIDER III", ramrodded by Major I Newby, was an ambitious driving scheme to Lillooet, BC from 15-17 October. Valuable driving experience was gained and the first snow of the winter was encountered.

The Regimental Band under Major P. Erwin maintained its high standard and was much in demand for many parades and events. After a spell of several years of playing for CFB Chilliwack's Remembrance Day Parade, the band was once again present at the Victory Square Cenotaph for Vancouver's Remembrance Day Parade. The band and saluting troop participation in the Sunset Ceremony at CFB Chilliwack on 12 June was most impressive and professional. Age finally crept up on CWO J. Hamilton, CD, as he stepped down as Drum Major after more than 32 years service. WO Walton CS has stepped in to fill some very big shoes.



7 Dec 82 — Another successful fire mission as the Regimental Saluting Troop returns a National Salute to USS Peilieu upon entering Vancouver Harbour.

As usual many members attended courses across the country and some who achieved notable results are 2Lt DB Drysdale, an "A" graduate and first place in the Lieutenant Qualifying (Arty) Block 5 Course in Shilo; Bdr Halstead ET, an "A" grade on the Arty Comm Course; MBdr Stewart PA was in first place on the Snr NCO Course at Aldershot, NS, with MCpl Ritchie LL placing

second on the same course. Pte Van Deursen JF received an "A" grade on the Musician TQ 1 Course.

Providing a saluting troop for the usual salutes and other special occasions gives the Regiment a fine opportunity to be in the public eye. Salutes to visiting naval vessels were fired for the Japanese Training Squadron (25 June), South Korean Vessels (2 November), and the large and impressive helicopter ship the USS Pelilieu (7 December).



25 Aug 82 — The Regiment's Honorary Colonel, Colonel Jim Griffiths enjoying a lull during the Anti-tank Competition.



25 Aug 82 — MBdr Laing adjusting his target during the Anti-tank Competition while Bdr McCall awaits orders to lay his howitzer, Milcon '82 Lewis, Washington.

Able support to all aspects of the Regiment's life is given by the RSS Detachment composed of Capt JE Hawthorne, MWO New LT, Sgt Gertsen CA and MBdr Reimer RD.

Hon-Colonel GF Blyth, CD, retired as Honorary Colonel after serving in this capacity since 1970. He was also awarded his third clasp to the CD. Hon-LCol JC Griffiths, CD, was promoted to Honorary Colonel on 1 December. Col Griffiths served overseas in World War II and then as a militia officer with the 102nd Coast Regiment, the 43rd Medium Anti-Aircraft Regiment, and the 15th Field Artillery Regiment.

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20TH FIELD REGIMENT RCA

With 61 Bty in Edmonton and 78 Bty in Red Deer, the gunners of 20th Fd Regt found their common meeting ground on the ranges of Camp Wainwright. During the calendar year 1982, the Regiment got together no less than four times for joint exercises at Wainwright. Of course, getting there and returning to home base were exercises in themselves especially considering the reliability of our faithful deuce-and-halves'.

Following a dismal showing in 1980, the Regiment pulled up its breeches for the 1981 RCAA Competition, Exercise Valley Road. When the results were announced later this year, we proudly proclaimed that we had earned the Archangel Cup, emblematic of the Most Improved Battery. Rising from seventeenth to fifth place was no mean achievement for a unit that has been plagued with the "Wild Cat Syndrome", an economic malaise known for its gas and oil-fuelled boom psychology, resulting in a concomitant disinterest in anything military. With activity in the oil patch dried up, however, we are on the rebound!

Personnel strength at the beginning of the year was addressed by a concerted recruiting drive. Our Red Deer Bty had especially good results.

Despite our low numbers, the Regiment has continued to support the Regular Force. Three trained gunners were sent to 1 RCHA on fly-over training. While there were no rave reviews about their performance, the remarks were commendable, and we are assured that Sgt G. Bzdel, Bdr D.W. Mitchell, and Bdr R.V. Myers found the augmentation beneficial.



20 Fd Officers and Sr NCOs celebrate St. Barbaras Day in the traditional fashion.

Augmentation of the RF for a longer term, perhaps, resulted when three of this unit's "super bombardiers" were accepted as officer cadets in the Canadian Services Colleges. These future officers (and gentlemen?) are former Bdrs P.F. Wynnyk, J. Bachynsky, and R. Bachynsky. Congratulations go to OCdt Wynnyk who topped his course during indoctrination training in Chilliwack. We know that these lads will be assets to the Canadian Forces upon their graduation: they were always a credit to this Regiment.

Capt R.L. Bunch, who is BC 61 Bty, was one of two gunner officers in the 13 member Canadian contingent during the 1982 allied reserve officers competition. Held in Fort Mead, Maryland, from 9 Aug 82 to 11 Aug 82, this annual event of the Confederation Interalliee des Officers Reserves (CIOR) encompassed nine allied nations. Including such challenges as obstacle courses, small arms firing, and orienteering, "the competition was well-organized", said Capt Bunch, "and it was a great opportunity to learn about our allies." He hopes to make the team next year when the event will be held in Belgium.

Capt Bunch was well-prepared for the trials and the actual competitions: on civvy street, he is an aerobics and physical fitness instructor.

Accolades also go to Sgt G.H. Kuhse and his detachment for winning this year's No. 1's direct fire competition. His crew showed the most hustle and sense of urgency. His calibrated eye-ball also helped. The detachment is now recorded for posterity's sake on the 105 mm shell casing adorning the Gunner's Roost.

The Regiment met its taskings in relation to ceremonial duties, including the Victoria Day, Canada Day, and Remembrance Day salutes. On the occasion of the birth of an heir to HRH Prince Charles and Princess Diana, 20th Fd joined its sister units in celebration on 22 Jun 82 with a 41 gun salute. Fire Mission "Royal Triumph" was an unprecedented occasion in recent memory and the audience turnout was remarkable. Considering that it was a normal working day, the gunners' turnout was equally marvellous.



"41 . . . Count 'em . . . 41 rds."

During the year, certain Regular Support Staff (RSS) were relocated. Gone from our fold are MWO D.F. Mason, Sgt J.H. England, and MBdr R.W. Corrigan. These gentlemen had performed faithfully during their tenure with us. Following their initial "cultural shock" in working with a militia unit, they have become better servicemen for the experience.

We are delighted to have MWO W.G. Worobey, Sgt C.F. Howse, and Bdr P.L. Richard join us as RSS replacements. Already MWO Worobey has responded admirably as emergency GPO under trying circumstances in his first live-firing exercise with this Regiment. Welcome to the Reserves!

There was a change of RSM when CWO R.W. Pomeroy, CD, formally retired. In fact, it was Mr. Pomeroy's second retirement. Born in 1933 in Indianhead, Saskatchewan, he had signed up at the tender age of 16. During his long and distinguished career as a soldier and gunner, CWO Pomeroy saw action in Korea and throughout the world wherever Canadian gunners had served. He was with 1 Airborne Bty prior to being posted as part of RSS with this Regiment from 1975 - 1978. His last regular force posting was in Germany when in January of 1980, he retired from the forces. However, two months later, he was reconstituted and called into militia service as RSM of this unit until March of this year when he elected to retire for a second time. In 1981, CWO Pomeroy was decorated with the Military Medal of Merit. Our sincere wishes to CWO Pomeroy and his wife Ida for their golden years.

Our current RSM is CWO G.F. Fenwick, CD, of 78 Bty. His is another story.

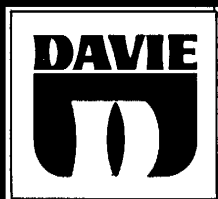
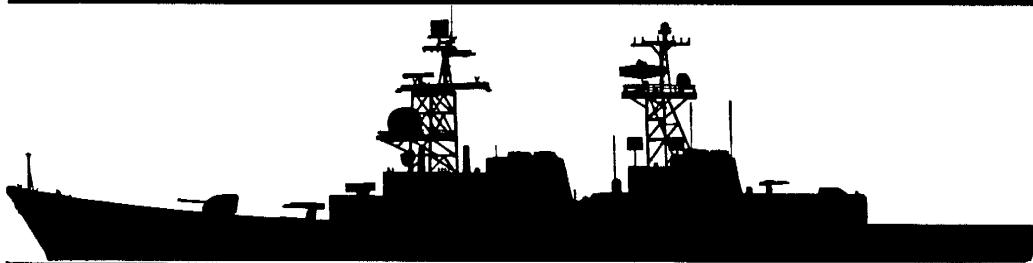
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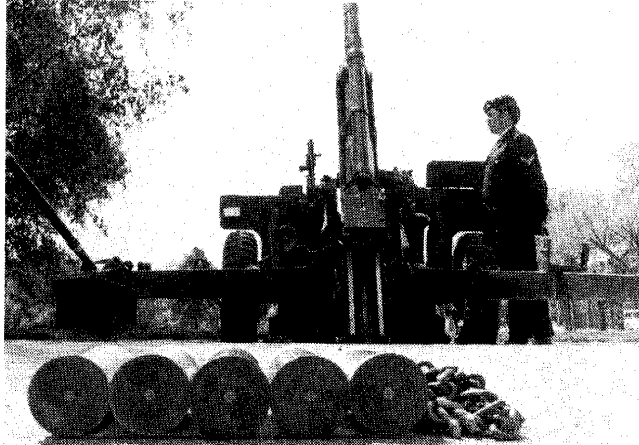
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26TH FIELD REGIMENT RCA

The 26th Field Regiment contains an operationally tasked battery (71 Fd Bty). Much command and staff energy has been expended in an effort to meet our June 1983 evaluation date. Additional equipment, men and training requirements have been identified and the Regiment is busily working on programmes to meet these requirements.



A minimum altitude view of a salute fired by 26 Fd Regt (Brandon) during 1982. (Bombadier Rodgers)

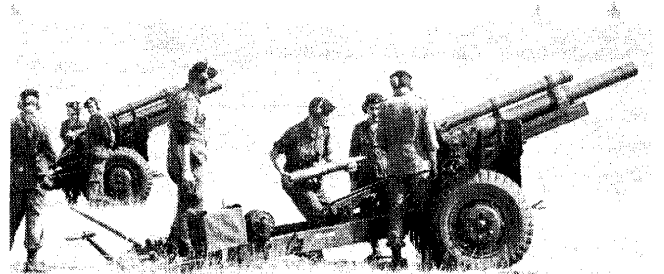


A gun of 26 Fd Regt (Brandon) awaits orders during FTX at NRQS 82 Shilo.

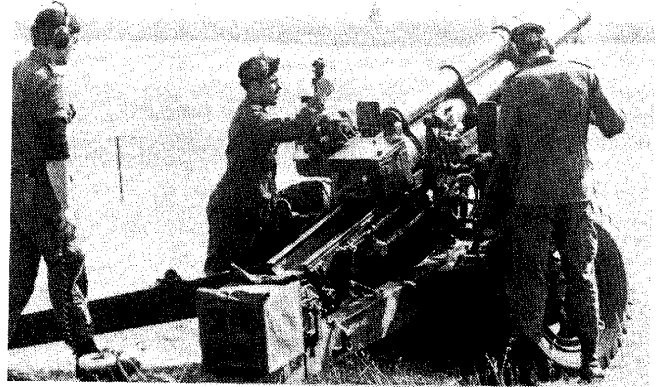
Our recruiting plans contained two phases: May - June 1982 and October - November 1982. Both plans resulted in an increase in recruits. The January 83 BMT/GMT course had twenty-five personnel. The increased activity and enthusiasm generated by our tasking is evident in many ways, especially in the return to the "fold" of ex-members at the Sr NCO and officer level. We have enrolled six junior officers who are hard pressed to learn all they need to know by June 83.

Much of our training has been done in support of NRQS 82 at CFB Shilo. The Regiment contributes a significant number (42) of personnel to the school as instructors, staff, and candidates. Firing troop at NRQS provided excellent field training for 26 Fd Regt members. Fall 1982 saw the unit heavily involved in FTXs at CFB Shilo; five out of six week-ends were spent in the field.

The impact of our new mission on our morale is readily apparent, if difficult to measure, but clearly evident by the fact that we have more members, more equipment, higher training standards and a hell-of-a-lot more fun and satisfaction.



"No 4 Adjust Fire" Gunners of 26th Fd Regt participating during Ex "BLACK BEAR-- May 82 CFB Shilo.



*"Bearing 1473" FTX CFB Shilo 26 Fd Regt.
L - R: Bdr Hawkins D., Bdr Racine D.G., and Gnr Dubbin R.*

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30TH FIELD REGIMENT RCA

In keeping with tradition 1982 was an eventful year. Unfortunately 30 Field Regiment was forced to curtail some training activities and slow down the pace due to the lack of funding. Despite this inconvenience, the regiment continued to operate through the conditions imposed on it. However, with the new year in sight things are beginning to look up.

ROYAL CANADIAN ARTILLERY ASSOCIATION (RCAA)

Certainly the highpoint of the year was the divulgence by the commanding officer 29 September 1982, that 30 Field Regiment had placed first in the RCAA Battery Firing Competition. Lieutenant Colonel KG Farrell announced the achievement at the annual regimental dinner. The battery commander during the competition was Major Mike Maher. Bringing home the Commandant's Challenge Cup trophy means that 30 Field Regiment is the best militia gunner regiment in Canada. With this realization, the announcement by the commanding officer brought the house down. All ranks engaged in a standing ovation and jubilant celebrations carried on for the remainder of the evening. The last time the regiment placed first in the annual event was 1966 when Colonel B Shapiro was commanding officer. Forces Mobile Command (FMC) directed that the exercise would now serve as an 'operational evaluation' of a particular unit as well as a competition by the RCAA.



Colonel Shapiro CO in 1966 when the regiment last won the competition, congratulates Lieutenant Colonel Farrell CO, on 30 Field winning the competition 15 years later.

TRAINING AND EXERCISES

In the early months of the year we witnessed the beginning of a drivers course that was intended to qualify as many personnel on Standard Military Pattern vehicles as possible. While this industrious endeavour got underway a General Military Training (GMT) course was started at the end of January. The observation parties took advantage of the availability of the Invetron during 16-17 January at CFB Petawawa and used the simulator to introduce target grid procedure to some of our affiliated India call signs (infantry). On 30-31 January the observation parties returned to Petawawa for Invetron training, but this time they were critiqued by the Director of Artillery, Colonel HR Wheatly on the fine art of fire planning. This was an interesting experience enjoyed by all.

The next month the BMT and drivers course continued with training and 2 Battery engaged in exercise "STEEL HORSE I" on 26-28 February. The exercise covered road moves to and from distant areas, daylight reconnaissance, occupation, and basic live firing. The exercise served as a battery shakeout due to many cross battery postings.

More Invetron training was carried out in March and from 23-25 April the regiment fulfilled the gunner role during exercise "OMEGA NOVEL", a district command post exercise. The unit manned positions from the Forward Observation Officer's party to the Commander Divisional Artillery. It was a good exercise demonstrating the importance of the 'Gunner' in fighting the battle.

The beginning of May started a Trade Qualification One Artilleryman (TQ1) course consisting of 21 eager students who had to work extremely hard to ready themselves for course shooting on 28-30 May. All TQ 1 candidates qualified and they performed extremely well during the night occupation and subsequent deployments.

The summer months brought the opportunity for many members to be employed on courses or as support staff for many different projects. Four officers attended Phase III and three attended Phase II at Combat Training Centre Gagetown while other officers trained in Canadian Forces Base Shilo on the Forward Observation Officer's course and Lieutenant Qualifying at National Ranks Qualifying School (NRQS). Once more 30 Field Regiment sent a large detachment to support NRQS in Shilo, supplying some 50 men and three officers. While in Shilo, some members took time out to attend the TQ 2 Artillery Technician or Artillery Communicator courses. Bombardier Low PJ placed second on the Technician course and Bombardier Guay CG came first on the Communication course.

Back in Ottawa, the summer of 82 was to experience a first in Central Militia Area (CMA) history. 30 Field Regiment hosted a school of its own called "CMA ARTY ARTS". The school held at Connaught Rifle Range was headed by Captain RA Balma, USO and the Sargeant Major Instructor Gunnery was WO Curran WR our Unit Training Assistant. The purpose of the school was to hold two courses, a TQ 2 Artillery Technician and a TQ 2 Artillery Communications course, and to qualify students from any CMA artillery units who wanted to participate. A total of 43 gunners attended the school from 21 June to 9 July. Apart from 30 Field, participation was represented from 49 Field, 11 Field, and 7 Toronto Regiments. The school was a success and a high pass percentage was maintained on both courses. It is hoped that this type of co-operation between the field regiments of CMA will be continued each year.

The summer came to a climax with "ARTYCON 82" held in Camp Grayling Michigan from 19-31 August 1982. This exercise involved all the CMA artillery in the attack phase during a conventional war. There were effectively two regiments; the 2CMA Composite Field Regiment comprised of 30 Fd and 49 Fd, and the 7 Toronto Regiment made up of 7 Toronto, 56 Field and 11 Field Regiments.

To get to Grayling from Ottawa, 30 Field Regiment used the services of 450 Transport Helicopter Squadron to fly the guns and the main party across the border while the road party was involved in a long move under the direction of the 8 Canadian Hussars from Canadian Forces Base Petawawa.

On arrival at Grayling the regimental lines were established and training was quickly underway. The guns spent almost all the time in the field doing dry deployments, course shooting, performance objective checking the new TQ 1 course, battery firing and then a three day regimental exercise involving troop commander and battery commander level fire plans. On the last day a

couple of lucky observation parties engaged targets with the division despite the foggy conditions.

30 Field Regiment returned to Ottawa and moved to Canadian Forces Base Petawawa for the 1982 competition/observation party evaluation on 16 September. The regiment was forced to operate under wretched weather conditions and perform a night reconnaissance for a night occupation on Friday. The very cold rainy conditions took their toll but the regiment prevailed and performed well.

The autumn months brought a change in regimental positions and in November five men returned from Cyprus having served a tour of duty with Third Regiment Royal Canadian Horse Artillery. Four members also returned from Combat Training Centre Gagetown where they were on class C service. The regiment is now working toward two live firing exercises which are planned to take place early in the new year.

CEREMONIAL DUTIES

As the Official National Saluting Troop, 30 Field Regiment is tasked with firing all salutes in the National Capital, not only for officially designated occasions but for visiting dignitaries from all over the world. As a result, this year 23 salutes have been fired totalling in over 400 rounds blank reduced charge expended. It was with great honour that 30 Field Regiment performed as an intricate part of the Constitutional Proclamation Ceremony on Parliament Hill on 17 April 1982. The Salute Troop also fired salutes for the arrival and departure of Her Royal Highness Queen Elizabeth II during her Royal visit. Another historical salute was fired on 22 June when "CMA ARTY ARTS" was interrupted to fire a 41 gun salute on the occasion of the birth of Prince William of Wales.

SOCIAL ACTIVITIES

On 29 September the annual Regimental Dinner and Awards Night was held. Besides displaying the Commandant's Challenge Cup trophy, many awards were presented to members of the regiment who were outstanding in their endeavours throughout the year. Once again many dignified guests graced the tables and a fine dinner was enjoyed.

All three messes held their usual functions. The Officer's mess, like the Senior Non Commissioned Officer's mess, held annual guest nights and "Dine the Ladies" evenings. The Junior Ranks held successful Halloween and Christmas parties and a car rally. The commanding officer hosted a cocktail party for all the senior non commissioned officers in December and on the final training night of the year there is an all ranks Christmas party planned.

In November, Colonel JR Matheson KStJ, CD, QC, stepped down as Honorary Colonel and Colonel WD MacLaren, CD, has been appointed in his place. It is intended that the Honourable Mr. Justice Brian Dickson of the Supreme Court of Canada will become the regiment's Honorary Lieutenant-Colonel.

Over the winter months the regiment is supporting a hockey team that competes with other militia units in the Ottawa area. The final game takes place during a tournament between all units in Brockville every March.

CONCLUSION

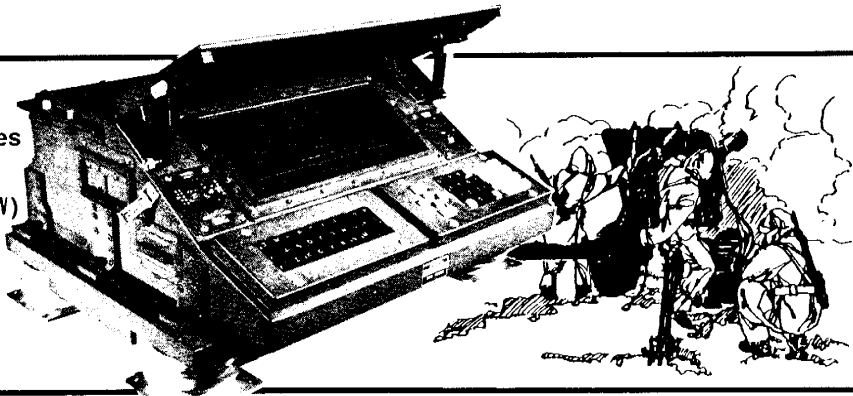
Looking back on 1982, the regiment has experienced many activities and has seen the coming of many new faces and the loss of a familiar few. Events have passed that are moments encased in history forever, and these

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are moments that serving members in the 30 Field Regiment RCA may not see as significant now, but in the future will hold dear. UBIQUE.

OFFICERS



Rear, l-r. Lt F Kannemann, Lt RN Farrell, Lt L Cowan, 2Lt K Cotten, 2Lt MG Paine, Lt SA Blake, Lt PJ Heenan, Lt DJ Uberig, 2Lt RR Mathews, Lt AJ MacDonald, 2Lt RP Sarabura.



Front, l-r. Lt G Lepine, Capt EW Creech, Capt RA Balma, Capt PW Gallagher, LCol KG Farrell, Maj CW Marmo, Capt D Chaplin, Capt JP Lepine, Lt DG Clarke, Lt SM Regan.

SENIOR NCOS




Rear, 1-r. Sgt RC Walsworth, Sgt GW Pyne, Sgt EG Poznanski, Sgt MK Kehoe, Sgt NJ Matthew, Sgt KC Franklin, Sgt SE Cumming

Front, l-r. WO PV Michaud, MWO CP Hitsman, CWO HW Young, MWO RW Buss, WO MB Bolton, WO WR Curran.

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62e RÉGIMENT RAC

1982, fut pour le 62 RAC une année plus prospère, une année cible pour notre Commandant, le LCol R.O. Gauthier, CD. qui, cette année avait décidé d'évaluer le potentiel de ses hommes.

À EN COUPER LE SOUFFLE:

Fait marquant, le plan d'entraînement fut loin d'être décevant pour nos artilleurs qui, à la lecture de ce dernier en eurent le souffle coupé. En fait, mise à part les cours donnés localement ou à l'extérieur, 16 exercices avaient été prévus au cours de l'année, dont 13 étaient spécifiquement consacrés au domaine de l'artillerie, soit: 2 CPX, 4 exercices avec le simulateur d'artillerie et 7 exercices de tirs réel. Au chapitre de l'instruction individuelle, pas de repos non plus; cours de chauffeurs non spécialisés et de chauffeurs d'artillerie QM2, de communicateurs et de techniciens QM2, cours de recrues et d'artilleurs dont 90% des candidats réussirent ces deux cours. De plus, quelques membres du Régiment suivirent aussi des cours de grade, d'administration, de finance et de technicien d'approvisionnement. En somme, un programme bien chargé, assez pour dire que nos artilleurs étaient réellement "UBIQUE".

UNE PETITE MÈRE PAS COMME LES AUTRES

Encore une fois cette année, pendant 9 jours, 108 membres composant la 81e batterie du 62 RAC, se sont envolés à bord d'un aérobis C-130 (Hercule) en direction de la BFC Gagetown, pour participer à la concentration d'artillerie annuelle "l'exercice petite-mère IV". Logés sous la tente au bivouac Lauvina, les membres de la 81e bie en ont profité pour parfaire leur connaissance lors de tirs réel et du même coup, préparer la batterie opérationnelle pour la compétition d'artillerie "trophée

challenger" prévue pour novembre 82. En somme, 9 jours fort appréciés de tous et qui permirent de constater que même lors de situations difficiles, l'entraide et l'esprit de corps n'ont jamais faillit à la tâche.

CÉRÉMONIE — POURQUOI PAS?

Le 28 février 1982, le quartier général de la Défense Nationale annonçait la nomination du capitaine Philippe Filion, CD. au poste de Lieutenant-Colonel honoraire du 62 RAC. L'entrée en fonction du nouveau Lieutenant-Colonel honoraire eu lieu le 22 mai 1982, à l'occasion d'une prise d'arme, présidée par le commandant du district no 3 (M) du Québec, le Colonel Marcel Belleau et du Colonel honoraire du Régiment, le Colonel Gérard Dufresne.

Par ailleurs, les membres de la 81e bie, profitèrent de cette occasion pour présenter au major Bohémier (Commandant de batterie sortant) un souvenir très représentatif en remerciement du travail accompli par ce dernier au cours des dernières années.

Le 14 novembre 1982, le 62 RAC participait comme à chaque année, à la célébration du jour du souvenir qui avait lieu dans les villes de Shawinigan et de grand-mère. A cette occasion, une salve d'honneur fut exécutée en l'hommage de nos disparus et, une parade montée du 62 RAC fut orchestrée.

Après un effort constant, et pour terminer l'année, quoi de mieux qu'un souper régimentaire. Hé oui! Notre Commandant l'avait aussi inclus dans son plan d'entraînement au chapitre des cérémonies, précisément le 17 décembre 82; voilà une des raisons pour laquelle nos gens n'ont jamais été à bout de souffle. Comme disait notre Commandant "il y a un temps pour travailler et un temps pour fêter, eh bien fêtez maintenant" pourquoi pas.

En définitive, 1982 fut très enrichissante pour tous les membres du 62 RAC et des plus révélatrice quant au devenir prochain de notre unité.



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5 (BC) FIELD BATTERY RCA CHRISTMAS TRAINING 1981 27-31 Dec 1981

Christmas training for the battery covered many aspects. Under the direction of Lt Lyons, a concentrated CPO course was run. In it, the new junior officers' learned fire discipline, how to operate the HP41C, command post procedures and artillery fire orders. By the end of the training period, everyone was comfortable in all positions, regardless if that position was, between the "boards", as a tech or comm.

The remainder of the battery went out to Heale's Range. There they updated their weapon qualifications and refamiliarized themselves with firing the GPMG and SMG. Many people threw the grenade for the first time and the uncertainty of some was very clearly displayed on their faces.

The weather throughout was typical BC weather for that time of year. That is, damp, foggy raining and most definitely uncomfortable. Many returned with a tired and dejected look on their faces. But shortly after, with the opening of the mess, spirits rose and once again things weren't so bad after all.

EASTER PRACTICE CAMP 3 - 11 April 1982

As is the Battery's custom, early April found us coaxing our 2½ ton trucks from Victoria, over the Cascades into Yakima Firing Centre in Washington State. Happily all of the first 2 days were spent in shaking out, refresher training at the section level, and a dry night occupation under daylight conditions.

Tuesday and Wednesday consisted of fire and movement and troop commanders fire plans, while Thursday concentrated on local defense and Battery Commanders fire plans. There was also a full night occupation Wednesday evening. Thursday night saw the arrival of 10 unit personnel from Victoria. These people were quickly assimilated into the unit Friday morning as the unit went into competition posture. As usual the marking team was of great assistance in the pre-competition time frame. They were a wealth of information and were able to clean up many problem areas.

The competition went as planned, with the marking team proving to be a very valiant enemy force during the hours of darkness. It is not known for sure whether or not WO Yano "Blew-up" the Battery CP, knowing that the OIC marking team was inside.

On Saturday afternoon the Battery stood down from the competition and after a few kind words from the OIC marking team packed up in preparation for departure on Sunday.

The return trip was uneventful and all returned safe to Victoria.



Lieutenant-Colonel D. Ian Smith CD RCA and Warrent-Officer J. Simpson respond to the Challenge of the Freedom of the City of Victoria.



Lieutenant-Colonel D. Ian Smith CD RCA relinquishes command.

CHANGE OF COMMAND

The second of May 1982 was an eventful day as the Fifth saw the retirement from command of Lieutenant-Colonel D. Ian Smith CD RCA. The change of Command was held on the lawns in front of the Provincial Legislature and was preceded by the challenge of the Freedom of the City of Victoria. Both ceremonies were well attended with 500 spectators and 128 all ranks on parade including our cadet corps. The Reviewing Officer was Brigadier-General M.E. Heppell CD Commander of Militia Area Pacific.

The Change of Command Ceremony concluded with the Fifth exercising the Freedom of the City of Victoria under command of its new Commanding Officer Major Philip A. Sherwin CD RCA.

ARTS '82

The ARTS '82 program in Victoria began on 5 July 1982 with 20 candidates for an Arty TQ2 communications course. 14 local candidates and 6 from 15th Fd Regt composed the course slate that ran for 20 consecutive days during which the candidates received training in radio communications and artillery nets.

The second half of the Arts program was an artillery TQ2 technician course running from 26 July to 15 August 82. Out of 20 authorized to attend, 14 were local candidates 5 from 15 Fd Regt and one from the RWR. The 14.5 mm field trainer was used on the course. This proved to be a very effective method of re-enforcing lessons.

MILCON '82

The conclusion of the summer training program for the 5th was Milcon '82 held at Yakima Firing Center, Washington from 21-29 August. At this time, unit personnel who had completed courses now put to use their newly acquired skills. The exercise itself was fairly successful despite some minor setbacks which were outside the unit's control.

The aim of the exercise was to qualify new gunners. To achieve this, the unit split into two sub-units each with its own CP and under control of a skeleton regimental CP. This allowed all SYEP personnel to be placed on the guns while more experienced members performed other duties. But there were problems. First, the shortage of guns resulted in oversized detachments with many members idle at times. Second, the shortage of vehicles caused less desirable vehicles to be used. There are still fresh memories of a CP in the back of a gun tractor. Finally, the heat made it difficult to function in the afternoon where temperatures soared near one hundred.

Due to the travelling time involved and final preparations on the ground, the unit didn't deploy in the field until the afternoon of the second day. Slow at first — only twelve rounds on this day, but as the week progressed so did the training. Everyone should be congratulated for their performance during the long hours — rising earlier to deploy in the morning before the afternoon heat and participating in night occupations first dry and then live.

As the week progressed, so did the intensity of training. The unit was tasked to provide mark rounds for U.S. Navy and Marine Fighter aircraft, but it wasn't until the third day when we could see "the show" that our efforts were finally appreciated. Furthermore, the regimental CP took over control with regimental fire plans — however, the shortage of ammunition resulted in "one gun — one round Fire for Effect" for serials. On the final training day, the unit participated in a defensive fire exercise; first direct fire, then "Killer Junior" and finally small arms fire.

During the week, we were visited by both the Colonel Commandant and then the Director of Artillery. We were grateful for their visits. We also thank the Americans for the use of their ranges allowing us to "get those rounds down range" (which became a favorite saying throughout the exercise). Finally, special congratulations must be paid to the unit members, particularly the gunners, who, despite the hardships and exhaustive heat, performed admirably and made the exercise successful.

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EX BLACK BEAR GERMAN ARMY TRAINING ESTABLISHMENT (SHILO) (GATES)

Again in 1982, 5 Fd Bty was fortunate in being able to participate in EX BLACK BEAR during the week-end 30 July - 1 August 82. Flying from Victoria to Brandon and return in a CC 130 Hercules aircraft was a unique experience for some eighty members of the battery, many of whom were candidates on the Summer Youth Employment Programme being conducted by the unit.

In addition to the SYEP candidates who were qualifying, TQ1 Technician and TQ2 Artillery communication courses were able to use the exercise as extremely valuable practical training. Seldom do Artillery units, regular or militia obtain ammunition in amounts provided for this particular exercise. Virtually all personnel were able to follow a "Battle Run" and the experience gained in observing such an exercise, and particularly the German equipment currently in use, is of immense value.

The unit was fortunate in that the Artillery NRQS was being conducted at CFB Shilo. Much of the artillery equipment required for the exercise was drawn from that source. In fact, as in the past, the support provided by CFB Shilo and lodger units was of the highest order.

5 Fd Bty looks forward to participating in future BLACK BEAR exercise and visiting both the home station and the excellent artillery museum and kit shop.

EXERCISE RUGGED PASSAGE FORT LEWIS, WASHINGTON 7-11 OCT 82

Again in Fort Lewis during the Thanksgiving week-end of 1982 the unit conducted a two-day fire and movement exercise. This particular exercise is considered one of the most important of the year in that the unit is self-contained, receiving only vehicle and weapons maintenance assistance from other Militia units.

The most significant feature of EX RUGGED PASSAGE is the fact that, since the week-end in question is a U.S. holiday, the unit virtually has the Fort Lewis ranges to themselves. The amount and type of training which can be accomplished in such a situation is considerable.

The Battery was extremely fortunate on this exercise on having in attendance the Honorary LCol, Col J.P. Beer and the D Comd, Mildist Victoria, LCol D.I. Smith (ex CO 5 Fd Bty). Both provided a degree of assistance and experience which will be of great benefit to the unit in the future. Assistance was also provided by our affiliated U.S. Army Artillery Bn (2/4 Arty Bn) in the form of an officer and communicator. In addition arrangements were made for all unit personnel to be briefed on the latest equipments received by artillery units of the U.S. 9th Infantry Division, the M198 155mm towed equipment and the TACFIRE computer system.

In summary, EX RUGGED PASSAGE once again proved an extremely useful exercise and we look forward to Thanksgiving 1983.



R. G. (Dick) McDonald
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**DINE-OUT
OF
LCOL D. IAN SMITH, CD, RCA**

Along with the usual social events of the year, we had one extra function. On the 30 October, the Commanding Officer and Officers of the Battery dined out our previous Commanding Officer LCol D. Ian Smith, CD, RCA. This dinner gave all who had served under LCol Smith the opportunity to thank him for all his hard work and service during his years with the Battery. LCol Smith was presented with the engraved casing from the last round he fired, and a photo album of his five years in command. At a later function he received a cigar box with the signature of all unit officers serving at the time of the Change of Command engraved upon it.

**BAND ACTIVITIES
1982**

The year just past was quite busy for the Battery Band. Along with the usual commitments such as the monthly CO's parade, the 24th of May parade, Armed Forces Day, Canada Day and various mess dinners, the band was also involved in many other events.

The band played for several CO's parades of the 11 (Victoria) Svc Bn and 11 (Victoria) Medical Coy, the Royal United Services Institute Dinner and Ball in March. The Band entered the Greater Victoria Music Festival, also in March, and came away with first class honours for the second year in a row. On the 29th of April the band was featured performer in the Duncan Music Festival.

As well as Armed Forces Day in June, the band also helped CFB Chilliwack celebrate its 40th anniversary on 12/13 June. During July and August, Capt Tillmanns and MWO Bannister ran the Area School of Music in Jericho Beach (Vancouver). There were also several members of the Battery Band in attendance as candidates. In September the band sent 15 members to take part in a tattoo on 18 September. The tattoo was half time entertainment at a BC Lions football game at Empire stadium in Vancouver.

During the course of the year the band also played several smaller concerts at schools, hospitals and old folks homes in the Greater Victoria area. Of particular interest was elements of the Band taking part in the "Santa's Sailors" program with the navy. This day long task of visiting and entertaining mental hospital patients is usually carried out by the Naden Band, but this year they were unable to do the job due to other taskings.

The Band strength is 30 all ranks, with several recruits waiting in the wings. As can be seen 1982 was a busy year for the Battery Band and 1983 promises to be even better.

MUSEUM NEWS FROM THE FIFTH

From the nooks and crannies of the Bay Street Armoury in Victoria, B.C. has come an excellent collection of artifacts, documents, and textiles pertaining not only to the history of the FIFTH throughout the years but also to nearly every military unit of British Columbia. These items have been preserved from destruction through the foresight of the Commanding Officers of this unit since 1873.

The collection comprises Commanding Officers' Letter Books from 1894; Service Rolls from 1880; Minute Books from 1894; Lists of Change of 1890 to 1956; Militia Orders from 1893; General Orders from 1899; District Orders from 1900; Unit Correspondence from 1880; Photographs from 1860; Uniforms from 1894; Band instruments and sheet music from 1893; Technical artifacts relative to Coast Artillery and nearly 100 Regimental Trophies and Plaques.

The history of Victoria's FIFTH Regiment is synonymous with the history of Coast Defence in Canada and this is primarily the theme of our Museum, the story of Canada's "Concrete Gunners". Their dedication to duty and the way of life covers an important segment of the history of the Royal Regiment of Canadian Artillery.

Through grants provided by both the Provincial and Federal Governments we have been able to introduce several young people of the unit to the field of museology and provide much needed employment at the same time. Their increased awareness of the part played by the FIFTH in the development and protection of Canada's west coast has resulted in increased esprit-de-corps throughout the unit.

Over the past year one of our employees, Cpl Jan Dowler, represented the Museum at the Annual Conference of the Organization of Military Museums of Canada in CFB Gagetown. Sgt Bruce Sheppard and Bdr Don March accompanied one of our Trustees, Jack Rippengale, a former Master-Gunner, now Captain, retired and one of our Life Members Mr. Wilf Falconer on military seminars hosted by the 5th (BC) Field Battery, RCA; the Royal Westminster Regiment; and CFB Esquimalt in co-operation with the British Columbia Provincial Museum.

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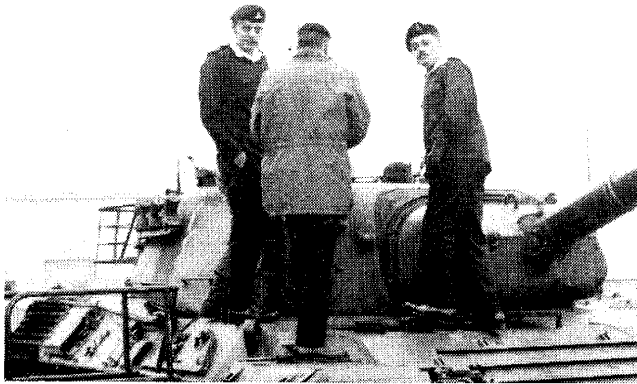
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20TH INDEPENDENT FIELD BATTERY RCA

INTRODUCTION

Militia Orders, dated 1 February 1908, carried the authority for the organization of a battery of field artillery with the headquarters at Lethbridge. It was to be known as the 25th Battery; perpetuated in the 18th Brigade and later by the 18th Field Artillery Regiment, and currently by 20th Independent Field Battery. At that time the battery had the unique honour of being the farthest west battery of Horse or Field Artillery in the British Empire. Since that time the bond of gunner association with the city of Lethbridge has been very close. This association will be further highlighted throughout 1983 as the battery celebrates its' 75th birthday.



The doctor using preventative medicine while the CO decides on how many mobile foxholes will be needed for the OP.

BATTERY ACTIVITIES

For the battery, the year was one to travel, at times by air. Members of the BC's and OP parties flew to CFB Shilo to learn of and work with the Invetron fire simulator. We left balmy southern Alberta to be greeted by a typical Manitoba blast of icy air. The weekend was rewarding and well spent as members learned the capabilities of the fire simulator. A short tour of GATES and a familiarization of a leopard tank showed what luxury the armoured live in these days.



Members at Yakima.

The Easter long weekend saw twenty-four members of the battery fly from Lethbridge to Yakima firing center via C-130. Joining 15 Fd Regt and 5(BC) Bty provided a

dose of the warm friendship that exists in the family of the Royal Regiment. This first contact with things American left pleasant impressions of our ally to the south.



The "end" result of grappling with the coast Artillery heavies.

Hospitality from the coast gunners was excellent from receiving the challenge in the field to close "contact" on the sports parade. The battery held its own in the tug-of-war against the various components of 15 Fd Regt but succumbed to a picked team of heavy-weights from Vancouver. In anticipation of winning the next competition our soldiers have been placed on an Alberta beef diet. Also, selected members of the unit were introduced to the splendor of a simulated fog-bound recce courtesy of the coast artillery.



A crew of backseat drivers led by the BSM as the GPO prepares to go on a coastal version of the recce.


Live fire exercises led us to respect the vagaries of weather. Two live fire exercises in March and April were followed by a try at the RCAA competition in May. The weather, threatening on Friday led the battery to awake to a spring blizzard Saturday. Conditions of the ground forced abandonment of the exercise as the struggle to move twenty miles to the main road of CFB Suffield became a challenging exercise in itself. It was not until three days later that two "Rental" vans were recovered from the middle of the ranges. To the 3 RCHA marking team we say thanks for the futile two day drive from Shilo to support us. Nevertheless, come May next year the Battery will be competition ready and bound.

COURSES

The successful year for the battery was further highlighted by having four members finish on various courses. Congratulations are extended to our unit medical officer, Captain Hugh Stewart (Block 3 Specialist, CFB Valcartier), 2Lt Dave Townsend (RESO, Phase 1 and 2, School of Artillery, CFB Gagetown), Gnr Rob Lyon (Arty TQ1, CFB Shilo), and Gnr Sean Morgan (SYEP Recruit Basic, MTC Dundurn).

CONCLUSION

At year's end, the battery strength is as high as at any time during the seventies. Prospects look bright for 1983 and enthusiasm is running high in every cell of the battery.



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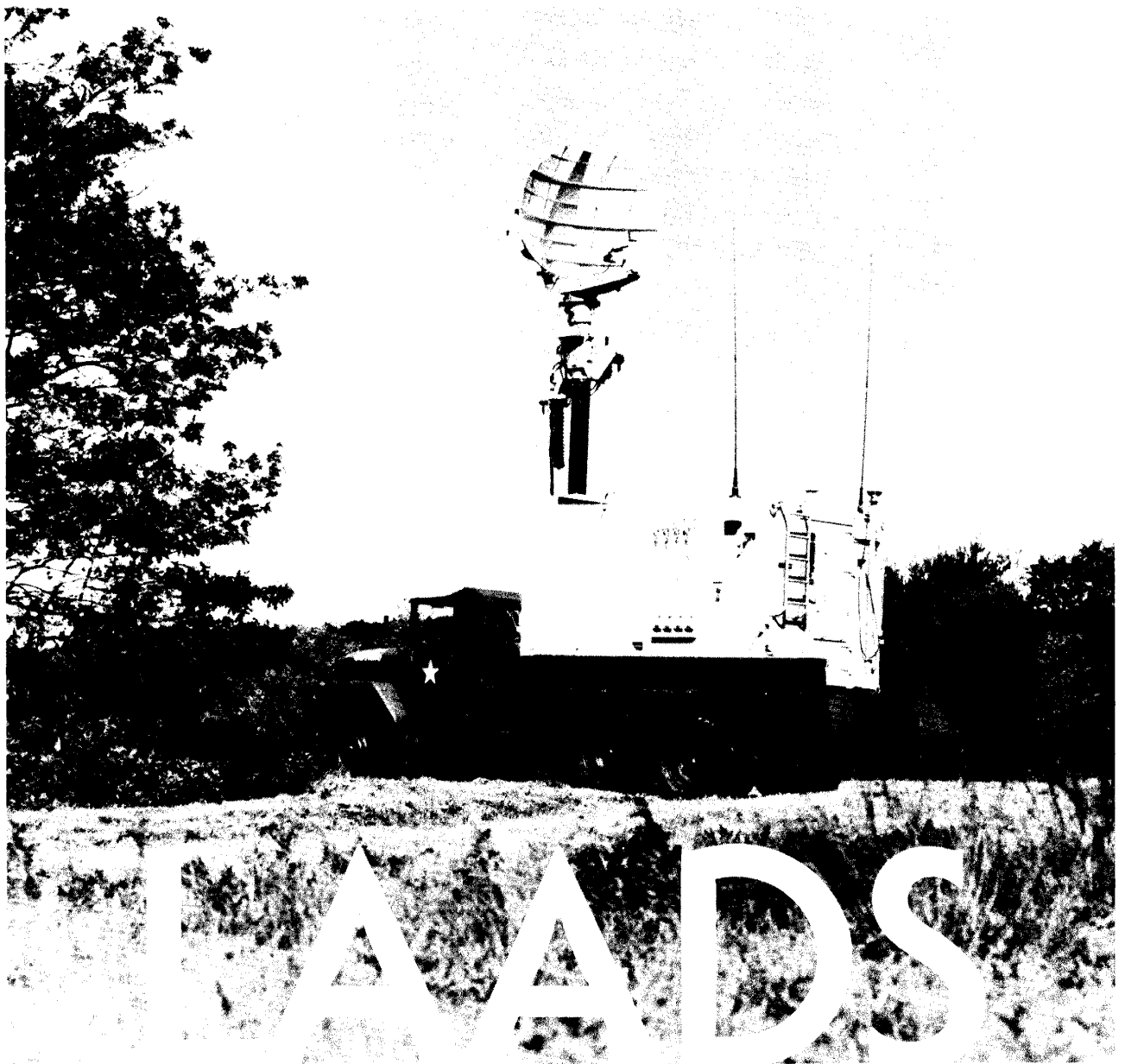
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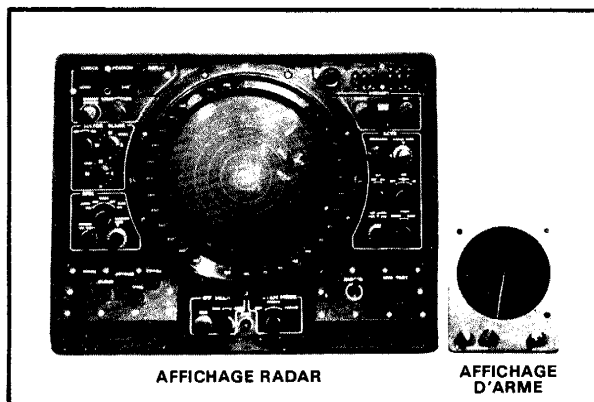
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116TH INDEPENDENT FIELD BATTERY RCA

1982 has proven to be an outstanding year for the battery. Commanded by Maj. N.E. Johnson, we enjoyed an activity filled and fruitful year, and laid the basis for an even better 1983.

TRAINING ACTIVITIES

The year began with the graduation of four soldiers on the TQ2 basic tech course 8101, and with the adventures of winter indoctrination on Ex Return Spring V. The weather cooperated, with a 2100 windchill and clear skies. Useful lessons were learned in cold weather vehicle operation, the properties of naphtha at -40°C (its very very cold), weapons maintenance and especially patrolling. Capt Fraser led a fighting patrol across a mile of lake and 200 metres of bush without detection, thanks to well learned concealment and fieldcraft techniques.

January also saw the beginning of BMT, which wrapped up during a very intense nine day session over the March break. Eight candidates graduated on this course and immediately went onto a TQ1 artilleryman course, with the battery's female personnel attending a non-trade driver's course.

In the midst of this, Ex Risky Ramble 8201 was held in Shilo for the TQ1 course. The Sunday morning of the ex saw the Battery's three No. 1's face off in an open action competition. Sgt Bert Creed and AA sub won hands down, firing eight hits out of ten rounds from King OP. The exercise was also note worthy for the successful nursing of our 2½ Tons over a 550 mile round trip without breakdown.

Unfortunately, budget restrictions caused the cancellation of a second, collective training shoot, and the June patrolling and fishing scheme on Lake of the Woods. However, summer training was well attended, and very successful. Over half the Battery went off on course or on staff at NRQS, and walked away with one top candidate award — Capt John Lamb on Lt qual block 6, and three second places — Sgt Pete Hall on the TQ2 tech, and MBdr Laird Paul on the TQ3 det comd and TQ4 adv tech. All three members of the Battery RSS spent time on staff of NRQS.

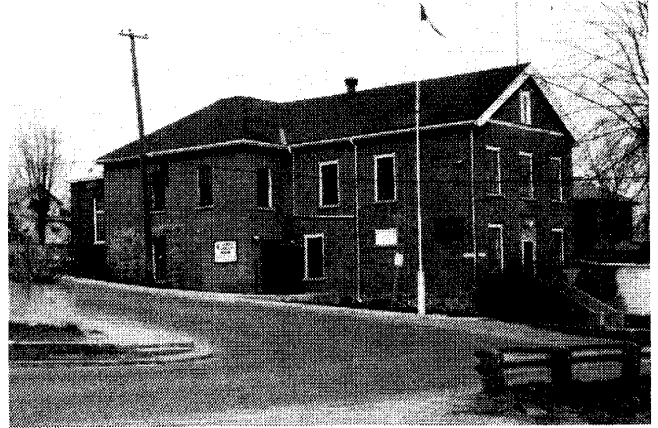


Ex Black Bear — AA sub: L to R Sgt Bert Creed back, Sgt Kirk Wild on a crash refresher on towed guns, Bdr Danis Thompkins looking suitably photogenic.

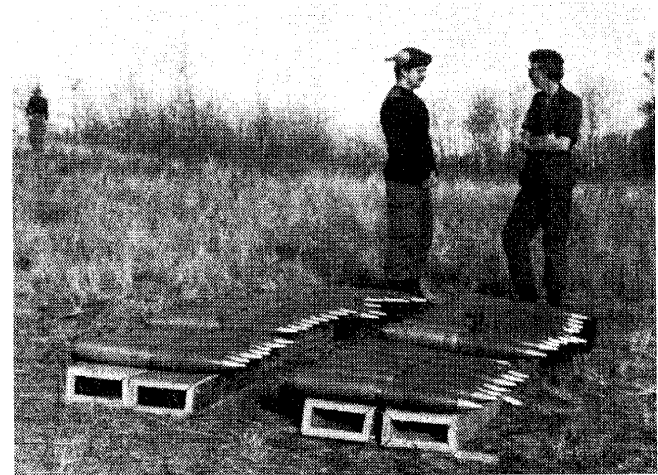
The end of budget restraint in September found the battery even more active in the fall. In addition to LHQ training, and the annual small arms qualifications, two shoots were held in October; Ex Rocky Raven 8201 was a collective training fire and movement exercise to confirm personnel in their newly gained skills from the summer, and Ex Black Bear, firing for GATES. The latter exercise was remarkable in that, in an effort to duplicate a six-gun battery with two guns, we fired 15 rpg in 57 seconds, without any noticeable loss of accuracy. To say the gunners

enjoyed it would be an understatement.

At time of writing (mid-November) two courses are beginning — a TQ2 Arty Comm and a BMT.



Home — the former Kenora jail, built in 1885. A good description of the inside would be "well aged."



Ex Black Bear — Bdr David Lind, on the right, explains the majesty of artillery to a driver from 17 Service Bn Winnipeg. The prepared ammunition is for two of the serials of the Black Bear fire plan for the Germans.

PERSONNEL

Recruiting went well during the few months of 1982 when we were allowed to recruit. Retention was excellent also, probably because of Kenora's reputation as a 'good place to be from' was hurt by the recession. The number of soldiers who aren't students increased too, ranging from a trapper to the local housing inspector.

Major changes this year included the posting of MBdr Joe Emery to the museum in Shilo. After three years of Joe as BQMS, it will be strange not hearing the armory ring to his jolly "What the hell do you want?" — get out of my stores!" and the perennial advice "Don't tense up." Replacing him as RSS training NCO/BQMS was Sgt Kirk Wild fresh from 1RCHA. After the usual culture shock, the 'onion' has become a popular, and equally eccentric BQ.

The battery also acquired a new BSM, Sgt Gerry Kozak, a former boy soldier and present OPP NCO, who usually: prefaces his direction by "This is the way it was done in the old army . . ."

SOCIAL AND OTHER

Because we are close to Winnipeg, the battery was called on for numerous salutes. These are shared with 26

Fd Regt, but even so three were fired this year — Dominion and Remembrance Day, and the opening of the legislature on the second of December.

Socially, there was something for everyone, beginning with the Levee; officer's and snr NCO's bonspiels; the stand-down barbecue in June; the start up barbecue in September; the Halloween dance; the St. Barbara's Day mixed Guest Night, and finally the men's Christmas dinner. Battery events rotate between messes for organizing, leading to a good deal of competition and imagination. First prize goes to the Jnr Ranks Club however, who caused no small amount of surprise when they announced chili as the main course at the start-up barbecue.

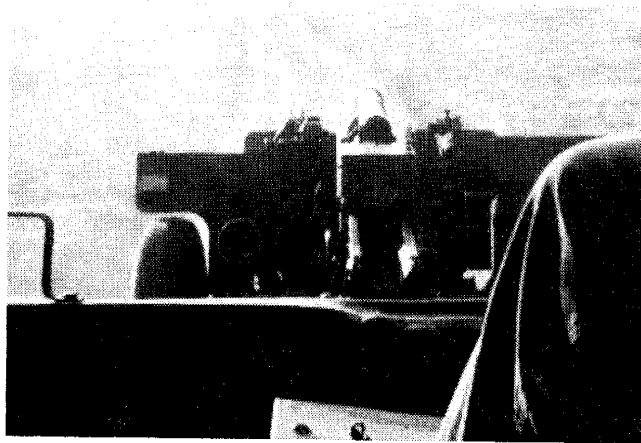


Ex Return Spring V — looking closely, a fighting patrol crosses a lake north of Kenora, utilizing the ubiquitous snowmobile tracks.

THE FUTURE

As 1983 approaches, the outlook is excellent. The steady drain of battery members to Toronto and Alberta has stopped, and the re-opening of recruiting means fully manned and stable detachments and CP and OP crews are possible for the first time in years. Major equipment deficiencies have been largely solved — most notably the lack of a CP and a recce vehicle. Training standards are much higher with the increased stability, and as the RCAA Competition approaches, there is much optimism that even if the Battery doesn't win this year, it will come a very close second.

To all gunners, from Northwestern Ontario — good shooting.



A gunners eye view — on the move in Shilo (Yellow Quill Trail).

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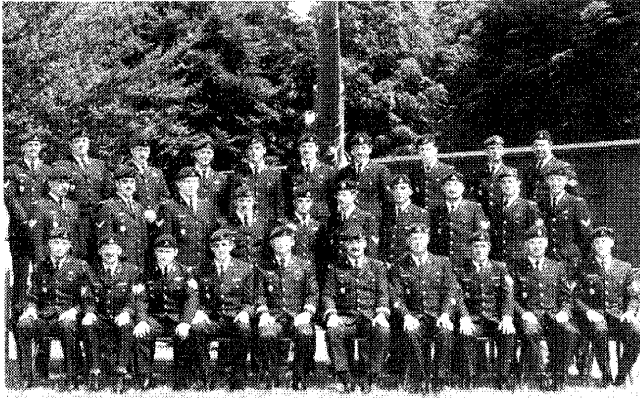
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128 AIRFIELD AIR DEFENCE BATTERY



128 AAD Bty group photo — May 82
Missing: Bdr Hunter J.J.

1982 has proven to be another full and rewarding year for 128 Airfield Air Defence Battery. Parades, inspections, demonstrations, and of course our first priority—training, are but a few of the monthly activities that keep the battery busy year round.

COURSES

The year started off with a bang with the Basic Artillery Technician Course with First Royal Canadian Horse Artillery on 5 January 1982. Sargeant C.L. Nickerson was able to put his brain to work and successfully completed the course by coming in third overall. A well calculated effort on his part. In March 1982 he was able to apply this newly acquired knowledge by "super teching" for First Regiment Royal Canadian Horse Artillery during one of their many exercises.

Then came the old mud and slug treatment for Master Bombardier W.E. Young, Master Bombardier P.R. Smith and Master Bombardier R.J. Lonz (all now sargeants) while on the guns Trade Qualification 6A course on 13 January. All three were able to do very well on the course, and are now serving on the guns both in Canada and in Germany.



Sgts Lonz and Young are congratulated on their promotions by Capt. Beardmore.

On 18 January Gunner J.H. Graham, Gunner P.O. Bourque and Master Bombardier R.K. McKay began their Basic Boffin Course. All learned many important "Bird Gunner" drills and are now putting them into practice with the battery. Gunner Graham was able to serve on the Air Defence guns well by coming in first on the course, which was run by our sister unit 129 Airfd Air Defence Battery.

In February Gunner J.L.C.C. Gagnon and Gunner J.H. Graham took to the road on the Artillery Driver



Gnr Graham J.H. receives the top student award from Capt Johnston, CO 129 AAD Bty on completion of the Basic Boffin Crse.

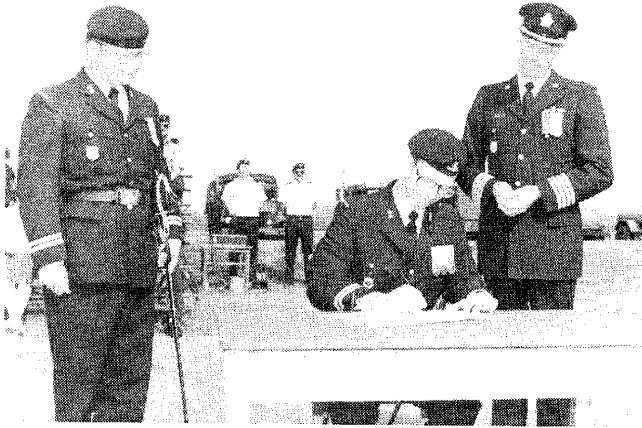
Wheeled Course. Both survived the grueling minimum speeds of the well known and very fast moving German autobahn. This time Gunner Gagnon was able to finish top on the course.

PARADES

On 25 June 1982 Captain R.J. Beardmore turned over the command of 128 Airfd Air Defence Battery to Captain W.D. McRobbie, after which a battery party was held to commemorate the occasion.



441 Sqn flies past during Change of Command ceremonies June 25, 1982.



Capt W.D. McRobbie takes over command of 128 AAD Bty while outgoing CO, Capt Beardmore and the Base Commander Colonel Frazer look on.

On 11 November the battery, along with representatives from every unit in 4 Canadian Mechanized Brigade Group paid their respects at the cenotaph in Canadian Forces Base Lahr during the annual Remembrance Day ceremony. On completion of the two minute silence, and a flypast from 441 Squadron (in the shape of a cross), the parade proudly marched past with the Honourable Prime Minister of Canada, Pierre Elliot Trudeau taking the salute.



Col H.R. Wheatley inspects the Quarter Guard during his visit to 128 AAD Bty.

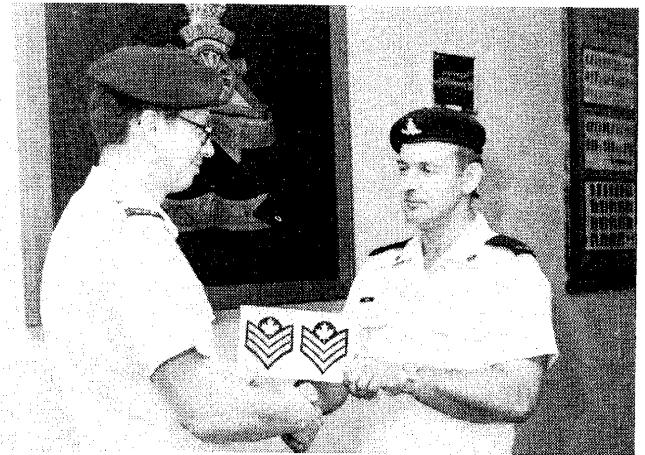
EXERCISES

At some time of almost every month of the year you can expect to be rudely awakened in the early hours of the morning by sirens blaring or by people trying to bash in your front door. So starts another Exercise Starfighter. This exercise allows each unit to practice for its wartime

operations. Each skill, especially those you never thought you had, are put to the test by the Tactical Evaluator, or "Sneaky Snake" as they are commonly known. After each exercise, the problem areas are noted and then practiced to perfection, during which time one simply awaits the next exercise.

In April and September members of the battery were flown back to Canada to fire both the 40MM Boffin and the Blowpipe Air Defense weapons. Each member was able to put into practice their well developed air defence gunnery drills and returned to Baden qualified on both weapons. Our congratulations go to Gunner Boucher of 5 Regiment d'Artillerie légère du Canada who is the first to actually destroy a Tactical Air Trainer Simulator 102 with the Blowpipe missile.

In October a group of "underground" personnel from the battery were able to participate in a 1 Canadian Air Group escape and evasion exercise. The battery members were able to comfort and conceal many of the "downed" pilots during the 3 day exercise. This was very much appreciated by the pilots, as this was far more accommodating than having to be captured by the enemy "Vandoo's", and subjected to their interrogation.



CO, Capt W.D. McRobbie congratulates Sgt Smith P.R. on his promotion.

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Bdr Hunter J.J. receives his new hooks from Capt Beardmore.

BASE SUPPORT

Not only does the battery conduct all the small arms practices for the base, but many of its members are actively involved in community affairs. The Battery Sergeant Major is vice president of the Baden Minor Hockey League and is secretary of the NATO Sergeant Majors Club. Our Troop Sergeant Major is a referee for all the hockey leagues on base in the colder months of the year and an umpire for the Base Baden Ball Teams during the nice, sunny days. Bombardier DeSutter, Gunner Kolter and Gunner Bourque are disc jockeys on the local Canadian Forces Network Station. Our Fire Control System Technician CPL Cudmore spends a considerable amount of his spare time with some of Baden's youth as a Troup Scouter, as does Master Bombardier McKay as a Pack Scouter with the Cub Scouts. Even our commanding officer is actively involved as the president of the base Rod and Gun club. These services have been recognized on several occasions by the base commander and the community.



Sgt Smith Christens the new Bar-B-Q, which he built, as Capt McRobbie, the CO, looks on.

CONCLUSION

Finally, we bid farewell to 1982, a year well served by all. All members of 128 Airfd Air Defence Battery are looking forward to another year in 1983 and wish all gunners "wherever" good luck and GOOD SHOOTING.

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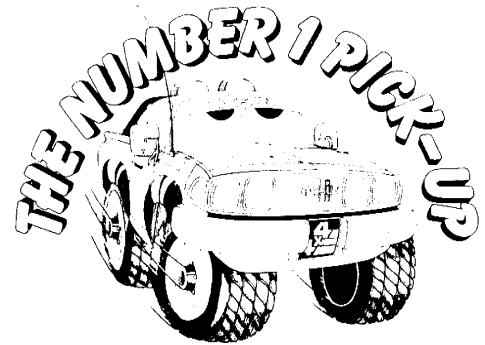
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129 AIRFIELD AIR DEFENCE BATTERY

Is there a word that could describe a year's worth of hard work? "Experience" could be that word, but what is the price? Personal dedication, effort and team work are certainly among the known factors which have contributed to another very successful year.

The year 1982 has been a turning point and the experience has provided us with strong guidelines for the future. The 18 bunkers each received coats of cement, sealer and camouflage paint between training, maintenance and duties. We even gave 1 RCHA a helping hand and fired two Gun Salutes in their absence.

YEAR 1982

Without question, a very challenging schedule was adhered to. The lengthy operational training the Unit must undertake each year in preparation for NATO Evaluation in the spring is very demanding. Barely out of the holiday season in January, the unit was faced with training all personnel, including a new group of 21 War Transition Assignments (WTA's), on a 3 month program which included all aspects of Airfield Air Defence and survival on a battle field.



DIRECTOR OF ARTILLERY'S VISIT 19 FEBRUARY '82. From left to right are Capt S.P. Johnston, CO 129 AAD Bty; Col H.R. Wheatley, D Arty; and MWO W.G. Darby, BSM 129 AAD Bty.

In February, we answered an Alert Exercise and were put through Phase I of the National Tactical Evaluation. March greeted us with a Disaster Control Exercise, another Alert Exercise and Phase II of the National Tac Eval. April was busy as the battery started the month with

a map using exercise followed by the much awaited Phase I of the NATO Tac Eval. Naturally, one more Alert Exercise and finally, a base exercise concluded the month. May allowed us to revise and complete our unit training and finally we were ready for the "Big One". June presented itself with us nervously under the watchful eye of the NATO Tac Eval team and on the 24th, a sunrise in the fog was witnessed from the weapon positions. For the next three days, the NATO teams looked at us from all aspects and angles. The excellent results could only confirm that all training and hard work in our ability to fight and survive paid off. In July and August the leave plan was somewhat disturbed by two Alert Exercises and six weeks of base security duties. Holidays on the French Riviera will have to wait until next summer. In September, all training restarted. CFB Lahr had another exercise and carried into October and November with two more base exercises, an Alert Exercise and finally, a Lahr Airfield Disaster Control Exercise. In December, much of the same thing had taken place.



40MM BASIC BOFFIN COURSE 8201: The first Boffin Course ever held at CFB Lahr.

Naturally, such a large number of alerts and exercises not only confirms any given aspect of training but, allows all concerned the possibility to revise, amend and practice new ways to better all procedures in a field virtually new to the young Air Defence Gunner.

TRAINING

40mm BASIC BOFFIN

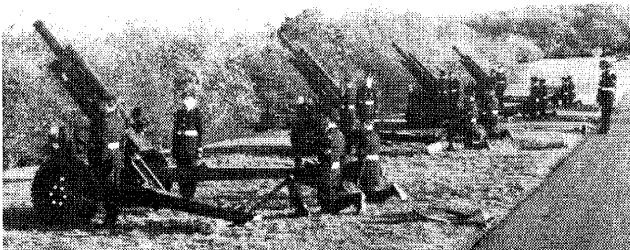
Why not start the year in a big way and host the first 40mm Boffin Course ever held at CFB Lahr? On 18 January, Sgt Terry Slack and his team received the candidates from the battery. Naturally, members of our sister battery — 128 AAD from CFB Baden joined us, as well as members of 1 RCHA. Results: MBdr Howard Barlow, Bdr's Dannis Gauthier, Steve Laton, André Lepage, Gnr's Clement D'Amours and Pierre "Elvis" Levesque proudly walked up to sign successful course reports.

SKI WEEK

Being within sling-shot distance of the big slopes makes it almost impossible to resist (or has anyone tried?) 4 CMBG's offer for ski school. Having a pro on hand in Gnr Jeff Knowlton helped make our minds up. MBdr Mike Fox, Gnr Clement D'Amours, Cpl Ray Gill, Gnr Pierre "Elvis" Levesque, Gnr Gerry Mantha and Bdr André Lepage took to the snow in January and February for a week each.

NBC

Ability to survive NBC warfare is counted as "in-depth" training. Along that line, the battery spent a great deal of time teaching new arrivals. All must learn about NBC sentry duties, agents, instruments, decontamination, survival and shelter procedures. Throughout the year, advanced training was devoted to these delicate subjects.



A FIRST FOR AN AIRFIELD DEFENCE UNIT: 129 AAD Bty personnel proudly lined up for a 19 Gun Salute at Vimy, France on 8 November, 1982



129 AAD BTY AT THELUS, FRANCE: Artillery memorial near Vimy erected in memory of Officers, Non Commissioned Officers and Men of the Canadian Corps Artillery who fell during the Vimy Operations April 1917. Canadian Field Artillery, Royal Field Artillery, Canadian Garrison Artillery, Royal Garrison Artillery, South African Heavy Artillery.

BASIC COMMUNICATOR

Between 3 February and 5 March, Bdr Steve Laton was 1 RCHA's guest on the Basic Communicator Course 8201. Such cooperation must be continued.

CLC

This year, the battery participated in a big way and got things started off with a Pre-CLC in February with MBdr's Danny Parisien, Robert Sirois and Jean Synnett assisting 4 CMBG with the instruction. On 7 May, five of our finest proudly graduated — Gnr's Jeff Knowlton, "Black" Lenoir, Gerry Mantha and Marco Pagliericci. At the time of writing, Bdr Steve Laton and Gnr Al Dewar were completing a similar course.

CANADIAN SCENE

The Air Defence Conference, 1-8 February, saw Capt Steve Johnston as the first one to cross the pond in the new year, followed by Lt JLCM Lavallée on a Para Course from 1-26 March. Our Weapons Techs also got involved and Sgt "Buz" Bezanson and Cpl Ray Gill respectively, saw action on a Drug Education Course and Wpn Tech 40mm Course.

Base Gagetown was not forgotten and by May, we started pouring in with WO Ken Richert heading the pack along with our representatives to the Blowpipe Detachment Commander's Course 8202 (F) — Gnr's Clement D'Amours, Pierre "Elvis" Levesque and Gerry Mantha.

Blowpipe and Boffin continuation firing 20 September - 4 October was, again this year, conducted at CFB Gagetown with "V" Bty 5 RALC doing the coordination. Meanwhile MBdr Robert Sirois successfully attended the all new Artillery Section Commander's TQ 6A Course from 6 September - 14 November. CFB Petawawa hosted the CO on the D Arty/RCAA Conference and Bdr Marco Pagliericci was in Borden to work on his instructor status from 14 November - 5 December.

CEREMONIAL

The year started on the right foot with the Base Commander's Annual Inspection. On 18 February, Colonel R.J. Parent, Base Commander, was shown the unit facilities and equipment. 11 May was a Base Commander's Parade. 26 October was a CFB Lahr Parade on which the bty marched off with the "Best Turn-Out Award" from the reviewing officer, 1 CAG Commander, Brigadier General Campbell. Even the Command Chief Warrant Officer had eloquent comments.

Next came the ceremonial highlight of the year — a first for an air defence unit — that of firing a Gun Salute, with 105 mm howitzers! On 8 November, 129 AAD Battery was in Vimy, France to fire a 19 Gun Salute, replacing 1 RCHA who was away at practice camp. Presiding over the Remembrance Day Ceremony was none other than the Right Honorable Pierre Elliot Trudeau.

Things didn't stop there. Upon our return to Lahr, we were again requested to do another salute and on 11 November, we again fired a 19 Gun Salute for the Prime Minister, who was attending CFE Remembrance Day Parade.

Is there anything we didn't try?

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VISITS

Is it the location, or simply the pleasure of dropping in on a great bunch of gunners that makes us so popular? There are not many weeks in the year which did not give us the pleasure of greeting an old acquaintance. Quoting Major Lemieux and Master Gunner R. Sutherland, "It's like coming home".

On 15 February, it was with a large smile that we received our first visitor of the year, Colonel H.R. Wheatley, CD, Director of Artillery. On 23 February, Lieutenant Colonel N. Rouleau, Commandant du 5e RALC et Major P. Boucher, Commandant de la Bie "V", honoured us with their visit. The first and second of June found the Battery in Munich on a Professional Development visit to Krauss Maffei. On 3 September, we were honoured to receive Commodore F.W. Crickard, DGPCOR. The 9th of September brought distinguished guests from the Spanish Army; Brigadier General Sanz Ridgruejo, Colonel Torres, Lieutenant Perex Moreno and Major Cervello. From the 20th to the 31st of October, we turned things around and did the visiting for a change and headed for Berlin on a long weekend, a much appreciated trip. The young members of the unit had the opportunity to see what it was all about. Words overheard in the crowd — "Freedom, what a nice word to my ears". An informal visit was paid to us during November by our first CO, Master Gunner Sutherland. Welcome back.



"THE FINISHED PRODUCT": 40mm Boffin site as CFB Lahr Airfield.

PROJECTS

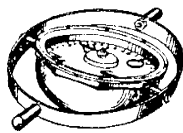
The 18 bunkers received a coat of camouflage paint, and the MT building is now complete, but a little paving and a half dozen lamp posts would be appreciated.

We are still trying to find the time to install our 3.7". We are not sitting back and are now working on 3 x 20 man section shelters equipped with air filtration units and full NBC decontamination facilities. We are still waiting for a road to our No. 3 Section and have many more projects in mind.



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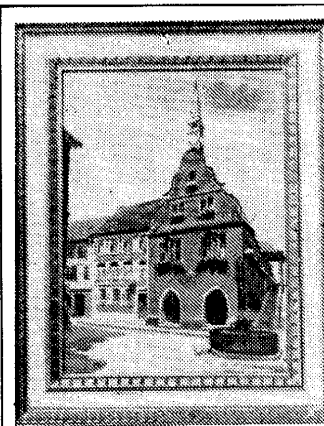
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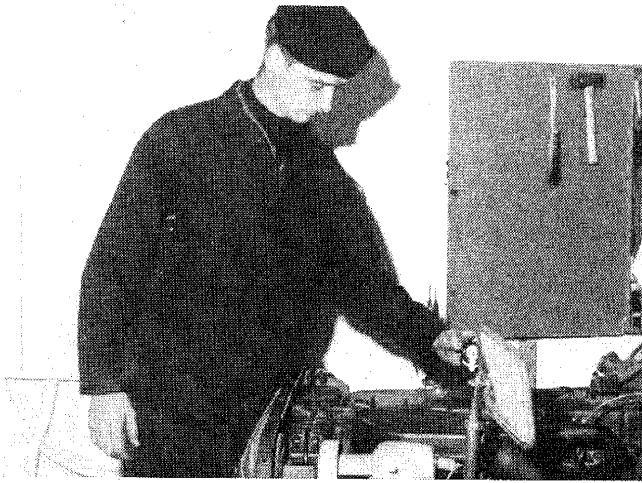
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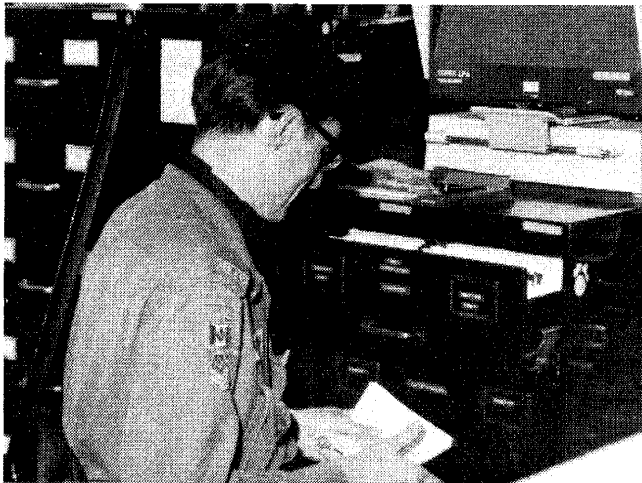
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WHAT IS THIS FOR, SERGEANT? Gnr Pierre "Elvis" Levesque keeping things rolling.



BACKGROUND WORKERS DON'T ALWAYS GET TO BE IN THE PICTURE, but the hard working BQMS, MBr Howard Barlow, is getting his chance.



AFTER 27 YEARS OF FAITHFUL SERVICE, MBr Al Weagle being wished farewell by Capt Steve Johnston, CO 129 AAD Bty. Mrs. Hannelore Weagle and Mrs. Anne Johnston assisting.

CONCLUSION

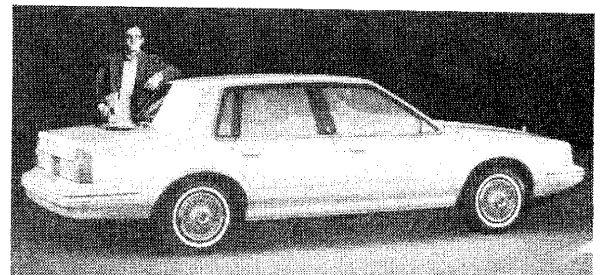
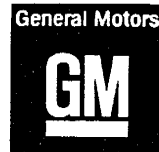
1982 gave us the good feeling of knowing that we can do anything asked of us (even a Gun Salute).

Before closing, we would like to have a special thought for BSM Bill Darby and others before him who, through sheer guts and dedication, have built this unit. Your will to progress is being carried on.

Ubique



SGT MIKE FOX receiving promotion from Capt Steve Johnston, CO 129 AAD Bty. Looking on is MWO Norm Levesque, BSM.



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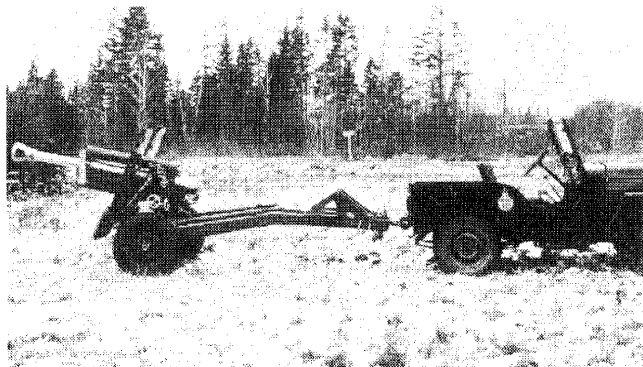
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DEFENCE RESEARCH ESTABLISHMENT VALCARTIER

Master Warrant Officer (Mr Gnr) W. Fairbanks

The small military assistance cadre in DREV employs five gunners. Major C.A. Moogk works in the data system division while a four man gunner cell is established within the armaments division. This extremely knowledgeable group of gunners is comprised of Capt. H. Le Breton, CWO A.J. Levigne, MWO (MrGnr) W. Fairbanks and MWO (MrGnr) J.J. St-Laurent. These four gunners have a combined total of 110 years of service and the experience gained during those years is now benefitting DREV and the military community in general by the successful conduct and conclusion of trials, tests and evaluations.

For gunners, a fringe benefit of employment by DREV is the opportunity to check into past artillery related developments. One of those little known projects was purley Canadian in its execution and developed by CARDE, the forerunner of DREV. In its modified form, the finished product gives excellent service in far-away India. It is the Canadian developed 75 mm/24 pack howitzer.



The 75 mm/24 Cdn Light Gun.

In 1944, the United Kingdom advanced the idea of developing a new mountain and airborne gun with increased range and improved lethality by using the 75 mm solution. Developments were started in 1944 and handed over to Canada in 1946. The Canadian Armament Research and Development Establishment (CARDE) carried out preliminary investigations and built two wood mock-ups by 1949. A contract for the manufacture of the pilot model was let and the model completed shortly after. All components were Canadian made. Airportability requirement studies for airplanes and gliders were carried in Rivers, Manitoba during October/November 1950.

At that time, it looked as if Canada had a winner on its hands. Mechanically, the 75 mm/24 Canadian Light gun was a sound piece of equipment. Political decisions had an unfortunate effect on it. With the formation of NATO in 1949 and the involvement of the United Nations in Korea, the need for standardization of Western artillery calibres became obvious. Development of the 75 mm gun was stopped and in December 1951, the Canadian Army Equipment Policy Committee decided to terminate development of the pack howitzer in favour of more urgent commitments.

The 75 mm/24 pack howitzer made its way to India where it was adopted by the Indian Army with whom it is still serving in a MK 2 model.

It was and still is a good gun and had several unorthodox features. The nature of design was dictated by its combat mode of transport, which was by pack mule. Ten mules were able to transport the 2375 pounds of gun. Prime methods of hauling were those by ¼ ton jeep, aircraft and glider. Its flexibility was enhanced by the exchangeability of wheels from gun to jeep. The gun

could be assembled and disassembled very quickly; the daylight timings were 95 seconds and 60 seconds respectively. Design features incorporated a quick-loading gear enabling easy loading above elevations of 20 degrees. Another prominent feature was a screw type breech mechanism hinged in such a way that it swung downwards in a vertical plane on opening. A pedestral platform allowed easy traverse and quick laying for line.

The range of the gun was 13,000 yards (11,887 meters), the weight of the projectile was 13 lbs. (5.9 kg) and its muzzle velocity 2050 ft/sec (625 m/sec). Those figures presented a notable improvement of 3210 meters in range and 208 m/sec in muzzle velocity over the US-Army 75 mm pack howitzer M3 A1.

In its design phase, to obtain minimum weight and as a substitute for brass, a light aluminium alloy cartridge case was designed, fabricated and regretfully terminated by Canadian Arsenals Ltd. Later trials included a standard brass cartridge case.

While the Canadian Army and the Canadian Armed Forces employ and employed many foreign weapons, it is interesting to know for Canadian gunners that Canadian designed equipment is serving in a far-away country. The 75 mm/24 Canadian light gun travelled a long way from the Plains of Abraham to the foot hills of the Himalayan mountains. It also concluded a half century of artillery design which had started with the 75 mm French 1897 "Puteaux", a design concept which was fast becoming obsolete due to the need of greater explosive payloads and standardization within new alliances.

Nu-Image Salon



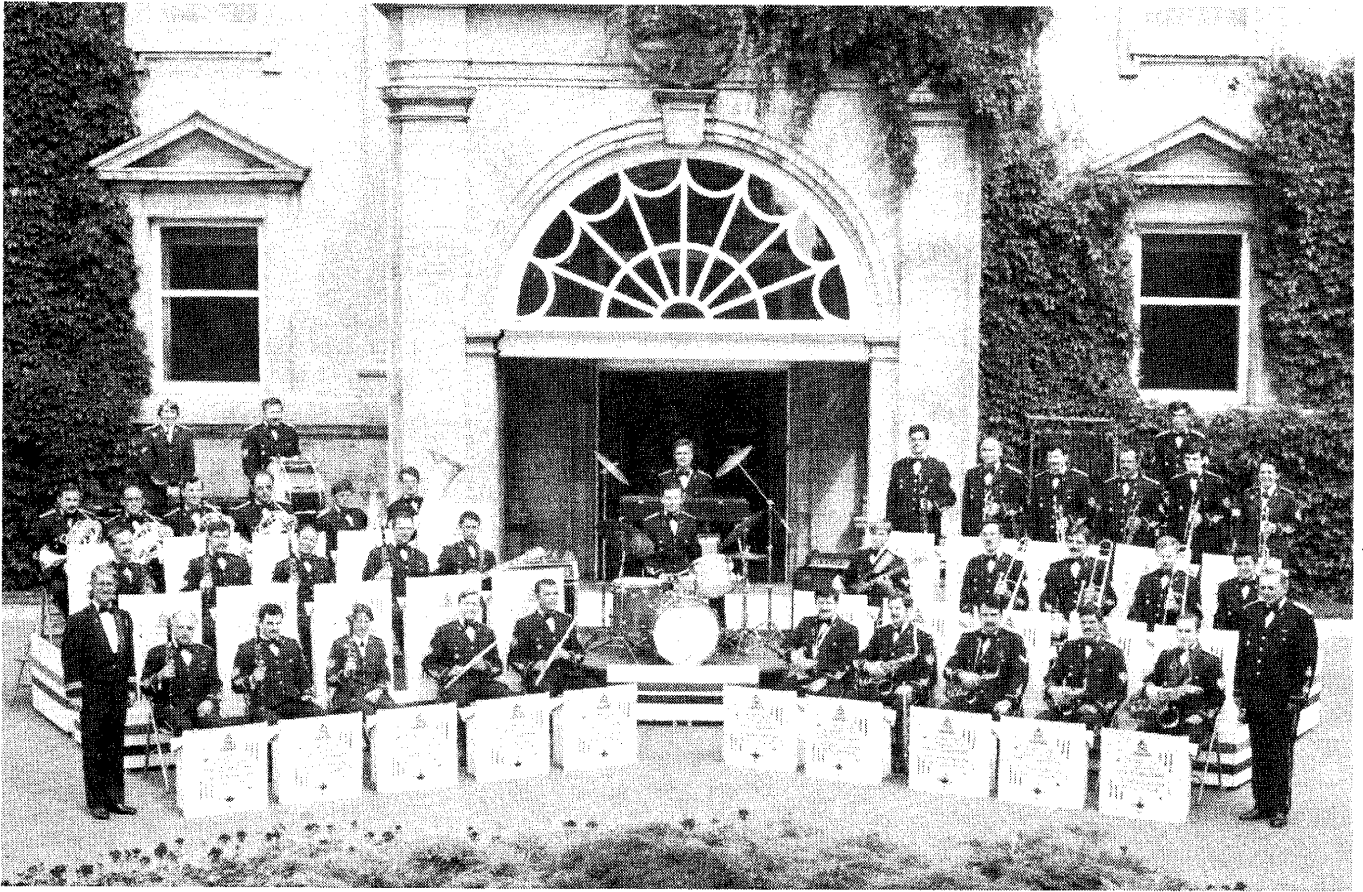
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ROYAL CANADIAN ARTILLERY BAND

The first St. Hubert based Royal Canadian Artillery Band was formed in 1968 when the Canadian Armed Forces bands were reorganized. The Band consists of thirty-five professional musicians, mostly graduates of local and foreign schools and conservatories of music.

Being the only Regular Force band in the Montreal area, and also the second largest musical formation (after the Montreal Symphony Orchestra), the RCA band is heard at numerous major events. The Band performs frequently in parks and concert halls in and outside the city of Montreal. Last year more than 100 concerts were performed in CEGEPs and high schools. The band was on 100 parades in different places such as the Royal Military College, CFB St. Jean, CFB Montreal, CFB Valcartier, CFB Kingston, CFB Uplands, CFB Petawawa, etc. We usually have a minimum of 250 taskings a year, consisting of parades, concerts, mess dinners and dances.

Our first pleasant experience with the Royal Regiment was in Cyprus, a few years ago, when we were invited by 5 RALC for a visit. What a great moment! All the musicians (gunners) expect to renew this experience. We sincerely hope to have other invitations by other Artillery regiments.

Never Too Late. We take this occasion to announce that CWO F. Leonard CD, will be retiring next June and has just been made a member of the Order of Military

Merit. Mr. Leonard is the first musician in a Regular Forces band to receive such an honour. After 35 years of faithful service, all we can say is "congratulations, Sir, you are a real gunner!"

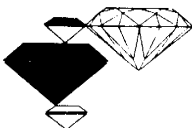
Last summer we received our traditional uniforms. Many thanks to the RCA Association and CFB Montreal. Now on parade we really look like gunners!

On the 13th of March 1983, the Band will be at Place des Arts in Montreal, along with La Musique du R22R, a choir of 50 voices and a special guest, blind singer Suzanne Beausoleil. All the profits will be donated to the Military Police Blind Fund for Children.

On the 17th of June 1983, it is planned that we visit Canadian Forces Base Shilo and the Third Regiment Royal Canadian Horse Artillery to play at the Royal Regiment of Canadian Artillery Officers' Mess Spring Ball.

We want to say thank you to 5 RALC for the pennants we've received; they really look sharp in the bandroom. We invite all artillery regiments across Canada to do the same. Please send us your regimental flag along with the pennants of each battery. We will have them framed and proudly display them. Remember, if you ever come to Montreal, make sure that you come and visit us.

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FMC HQ ARTILLERY SECTION

1982 was a year that continued the recent pattern of high turnover of staff. The changes to the role of basement gunners of FMC HQ (penthouse gunner for SO Arty Doc) are:

OUT:	LCol EL Schrader to DCOS at Central Militia Area (RSS) Maj JC Stewart to Battery Commander 3rd Regiment Royal Canadian Horse Artillery Capt AG Gallop to Regimental Command Post Officer, 2nd Regiment Royal Canadian Horse Artillery
IN:	LCol DG Schott as Senior Staff Officer Artillery Maj JP Culligan as Staff Officer Artillery Doctrine Capt RC Stowell as Staff Officer Artillery Air Defence Capt JD Gates as Staff Officer Artillery Training and Standards Capt RJ Boutilier as Staff Officer Artillery Militia
The "Old Guard"	Maj RJM Selman as Staff Officer Artillery Field and Locating CWO C Bowden as Master Gunner



1 DEC. 82
 Front Row (L To R) Capt R. Boutilier — SO Arty Mil, Capt J. Gates — SO Arty STOS/TRG, Capt R. Stowell — SO Arty AD
 Back Row (L to R) Maj J. Selman — SO Arty FD/LOC, LCol D. Schott — SSO Arty, Maj J. Culligan — SO Arty DOC, CWO C. Bowden — MR Gnr
 Missing: Capt W. Ramsay — SO Arty DOC (CTC)

MAJOR ACTIVITIES

Having just completed the follow-up to Rendez-Vous (RV) '81 we have now progressed into the detailed planning for RV '83. The scope of this exercise will be greatly reduced from RV '81, being basically organized around the CAST brigade group.

Exercise RITE SIMPLE X will also be similarly oriented. The Artillery Section will provide a skeleton Divisional Artillery Headquarters to both exercises.

The section was very much involved with a number of studies regarding Corps 86, LFOES, Force Mobile Command restructure and Combat Developments. Results of our studies and our comments will be issued under the respective study titles.

STANDARDS/TRAINING

Major changes are currently being proposed for the Other Rank Trade Progression, which will be submitted to National Defence Headquarters for approval shortly. All units have now received the first issue of the new Artillery Battle Task Standards for which comments are eagerly awaited.

The Artillery Training Conference was again hosted by the Artillery School on behalf of the Senior Staff Officer Artillery. Due to budgeting constraints, however, this will not be held in February 1983.

A writing board will be convened in early spring of 1983 at Forces Mobile Command to review current artillery officer specifications and develop mobilization specifications. Other ranks specifications will follow in 1984.

AIR DEFENCE

Collective Training. CFE units collectively trained on both Boffin and Blowpipe in 5 Regiment D'Artillerie Legere du Canada joint practice camps in CFB Gagetown in April/September 1982. The DND aerial target system has undergone significant improvement in range and attack characteristics and has proven to be a first class blowpipe target. Senior Staff Officer Artillery is responsible for aerial target tasking, the co-ordination with Canadian Forces Europe for continuation/qualification firings and co-ordinating the Instructor in Gunnery/Assistant Instructor in Gunnery support required. Staffing of the Blowpipe range at CFB Petawawa was successful with approval on 29 June and first firings 8-9 July.

Individual Training. Air defence 6A qualifications have continued to receive the support of this CHQ and final staffing of outstanding questions during the summer gave hopeful indications of final approval.

DOCTRINE

There has been considerable work on Doctrine this year and there will be for the foreseeable future. Canadian Forces Publications 306(1) and 308(1) will be issued in Interim form early in 1983 and in final form shortly thereafter. Canadian Forces Publications 306(2) and 306(6) were issued in draft form in the summer of 1982 and hopefully be in Interim form by the summer of 1983. Canadian Forces Publications 306(3), 306(4), 306(10), 306(11) and 306(17) are in various stages of "rewrite" or amendment. The process involved in getting a single manual from concept to useable form can still take a couple of years.

The whole area of doctrine comes under Combat Development (CD). Some of the work is done internally by the section and some requires the approval of such bodies as the Army Doctrine and Tactics Board (ADTB). This is where your comments and suggestions are considered.

MILITIA

Once again the results of the annual competition were tabulated and the 1982/83 marking guides sent out. However, for the 1983/84 year, a new exercise is being

written (to be an FMCO) to more closely parallel the new Battle Task Standards and simplify evaluation.

Operational Tasking of the Militia has started with the artillery and this continues to be the major outgoing project.

While there are recurring equipment problems, joint collective training has begun with June '83 being a milestone for an evaluation of a yet to be determined nature. While the OPS section was the original OPI, the day to day monitoring of this has now been taken up by the Arty Section.

A writing board was convened that modified the Course Training Standards for Artillery Militia Intern Training Career Provisions blocks 4, 5 and 6 and the Advanced Arty Tech TQ 4 course. In addition, the Block 12 Major Qualified (Battery Commander) Course Training Standard has been substantially amended. Rewrites will continue into 1983.

EQUIPMENT

This past year the equipment and ammo staff of arty section has been working with Director Land Armament and Electronics Engineering and Maintenance to have the 105mm L5 refurbished to replace those of 2 RCHA, a project that has been completed. The next project was correlating the shipment of M109A 1's from the Combat Training Centre Artillery School and 3 RCHA to Letterkenny USA for modification to M109A3's. (This will have been completed by the end of calendar year 1982). Although primarily a mechanical product improvement, the modification will increase the ammo carrying capability and allow the new family of ammunitions to be fired. Other completed equipment projects involving the section were the Counter Bombardment target acquisition radar evaluation and the gun alignment and control system trial. The ammo side of the house saw the section involved with monitoring the ERFB/BB (Extended Range Full Bore/Base Bleed) 155 mm How projectile firings, and preparing the training ammo requirements for all Forces Mobile Command artillery units.

SUMMARY

The major artillery collective training event will take place at the end of RV '83. Exercise MUZZLE BLAST will be a 3-day joint exercise between 2 RCHA and 3 RCHA, with the Arty Section supplying a skeleton divisional staff for the Commander Divisional Artillery, Col C. Archambault.

The implications of new equipment and the changes in trade specifications should be keenly felt in 1983.

Thus as you can see, the life of a gunner in the Artillery Section at Forces Mobile Command Headquarters is subject to that ancient Chinese course, "May you lead an interesting life".

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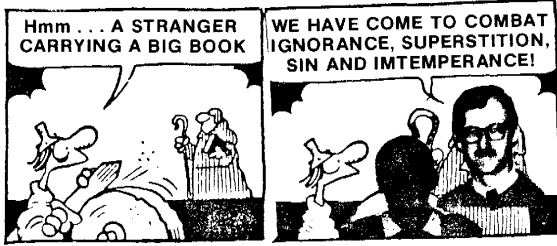
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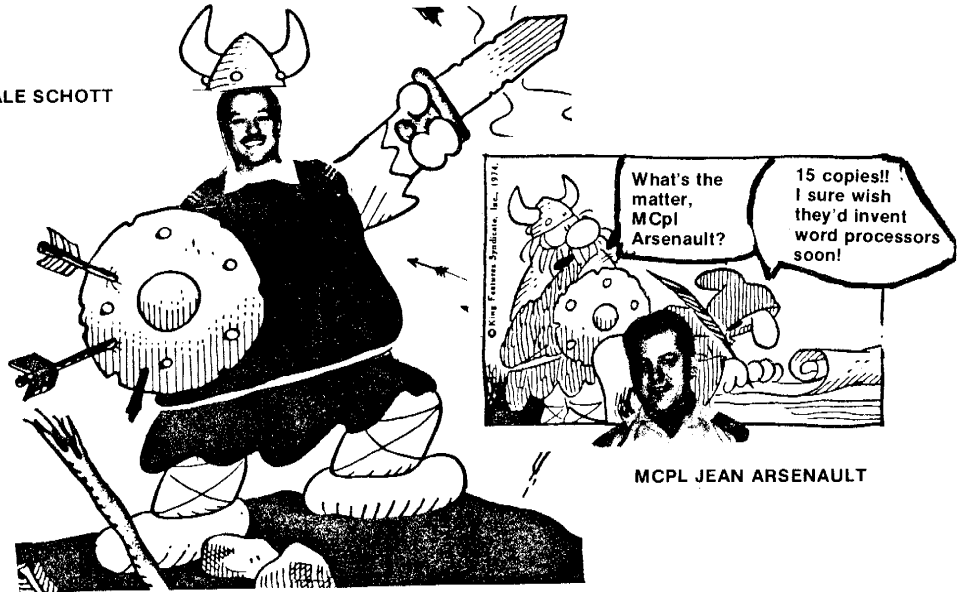


DOCTRINE — MAJ JOE CULLIGAN
 CAPT BILL RAMSAY



FIELD/LOCATING — MAJ JOHN SELMAN

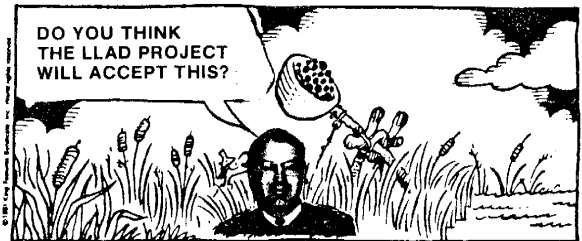
SSO — LCOL DALE SCHOTT



MCPL JEAN ARSENAULT



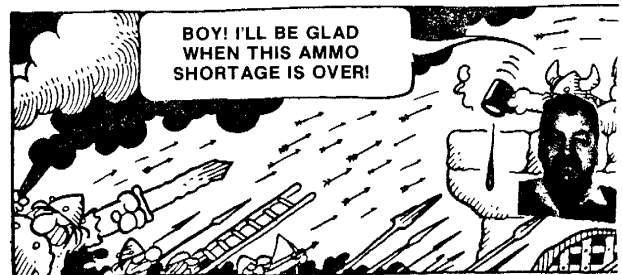
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AIR DEFENCE — CAPT RANDY STOWELL



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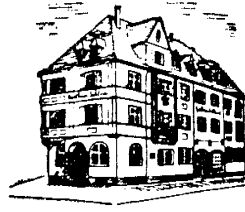


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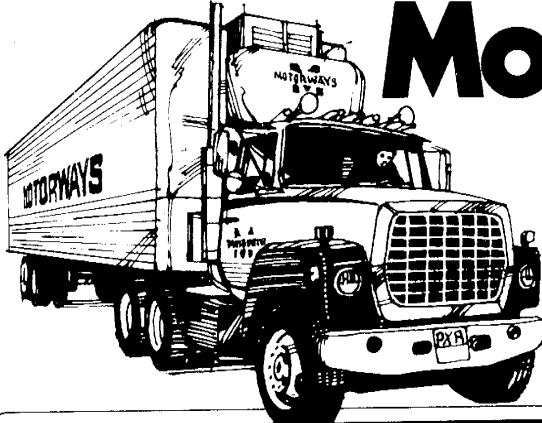
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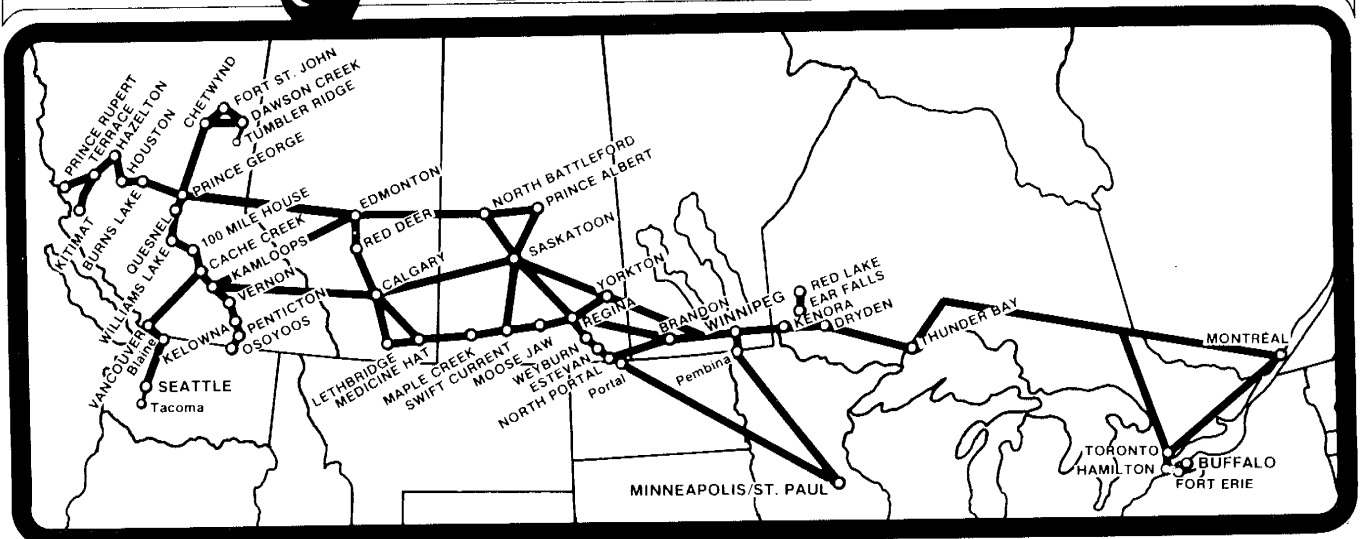
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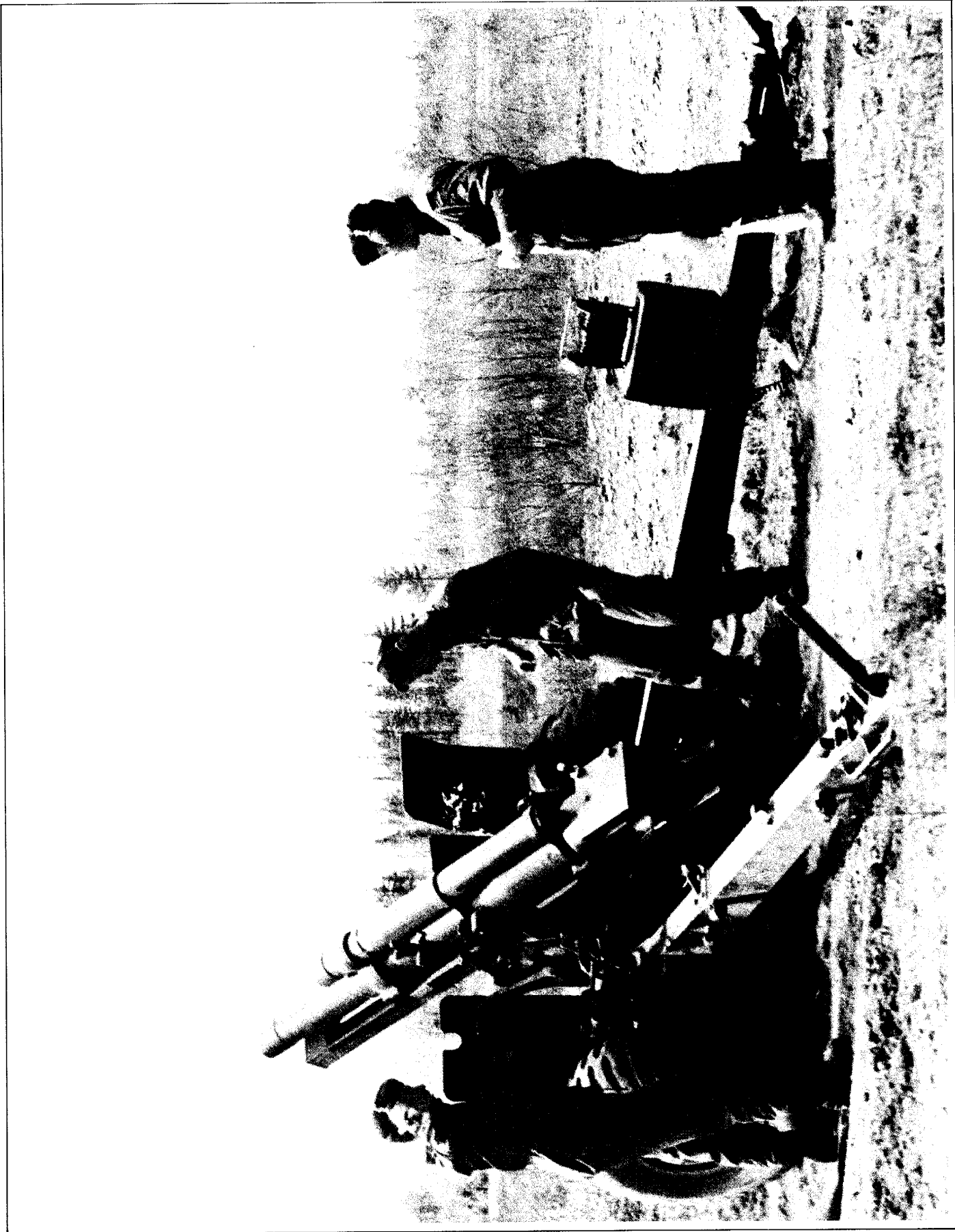


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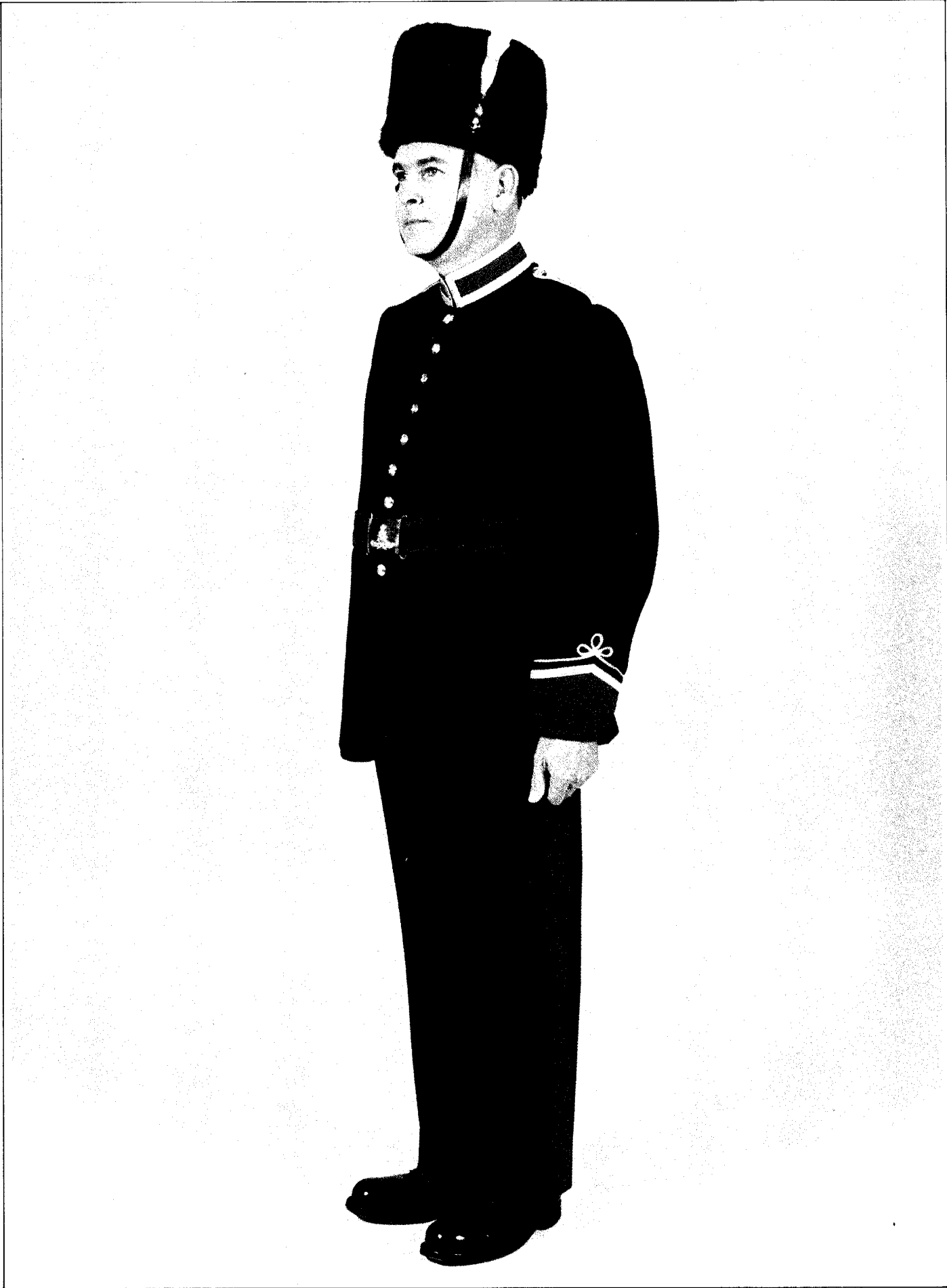
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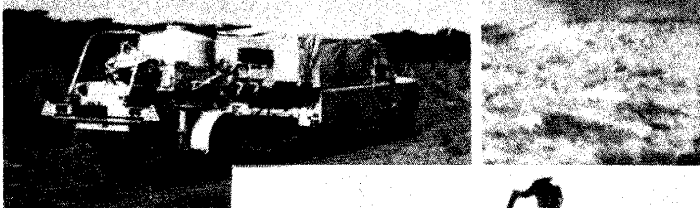
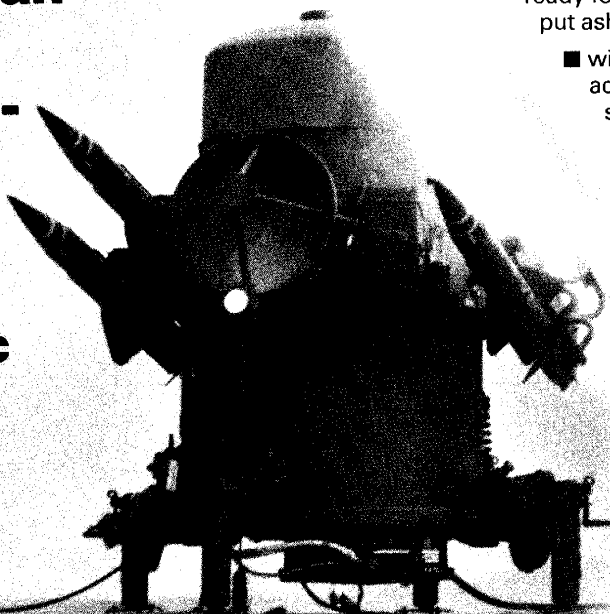






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■ throughout the 8-weeks sea voyage through the tropics and into the high seas and foul weather of the South Atlantic, equipment was totally inaccessible for servicing, yet Rapier was ready for action within 25 minutes of being put ashore in the Falklands.

■ with equipment and crews experiencing action for the first time, Rapier successfully defended the beach-head through 7 days of repeated attacks by aircraft flying fast and often as low as 10m above water, and making skilful use of ships and terrain to avoid detection and interception.

■ as ground troops advanced, Rapier was moved forward swiftly across atrocious terrain offering few options for siting or concealment.

■ despite the absence of early warning radar, the operational hazards of confined and crowded zones, and lack of time or facilities for servicing, Rapier destroyed at least 14 aircraft.

■ throughout the action, Rapier maintained over 90% availability.

■ ease of training and operation was typified by the fact that one aircraft was destroyed by a soldier who received his first training on the sea voyage south.

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THE ARTILLERY SCHOOL

THE SCHOOL IN 82

Once again we find it's time to look back on the past year and for the Artillery School it has been a particularly rewarding one. In addition to firing 30,000 rounds while conducting 45 courses we have partaken in numerous other activities.

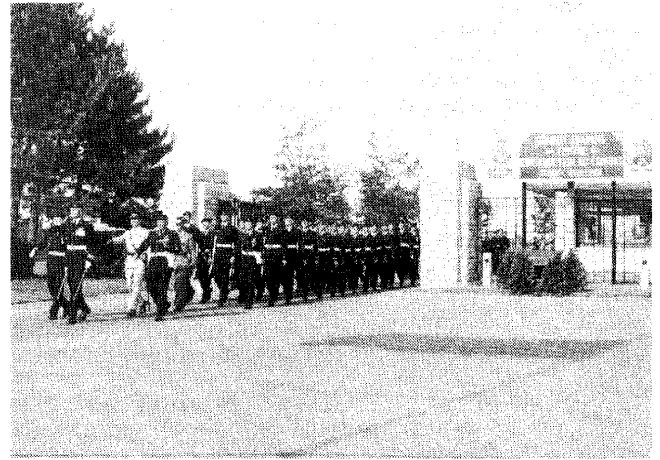
Early in the year the School played host to the Annual Artillery Training Conference and enjoyed the opportunity of meeting and listening to Brig P.A.S. Todd's presentation on his experiences as CRA 3rd Canadian Infantry Division and CCRA 2nd Canadian Corps during the Second World War.



Brig P.A.S. Todd talks with the Quarter Guard Commander (L to R: LCol D.B. Walton, Brig P.A.S. Todd, Sgt McNaughton H.W., Bdr Skaarup F.C.)

In the early spring the School made several minor changes to its organization. The most significant being the merging of Gunnery and Locating Batteries to form Field Battery, and the Air Defence Battery (upon assuming added responsibilities) was renamed Guided Weapons and Technology Battery.

On 28 June the School was honoured by the Town of Oromocto with the granting of the Freedom of the Town. Keeping with tradition the School consisting of OCT and W Batteries marched from its garrison location to the Town Hall where the Mayor read the Proclamation awarding the Freedom of Oromocto to the School. The School then exercised its right by marching through Oromocto to the Mall for an inspection, march and roll past.

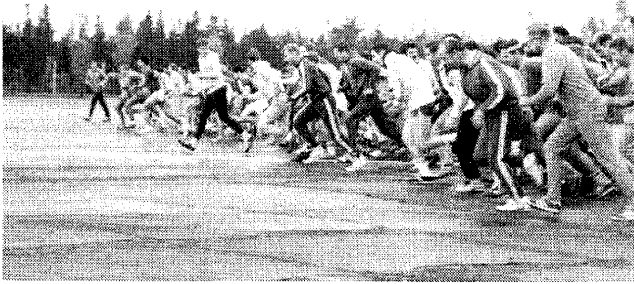


The Artillery School leaves the CFB Gagetown main gate for the Freedom of the Town of Oromocto.



The Artillery School marches by in line during Freedom of the Town of Oromocto Ceremony.

After a short summer break the School began the fall training cycle with a vengeance. The first significant event was for the School's staff to participate in the first of two annual harrier races. For the uninitiated this is a three mile race which all School members (and students lucky enough to be in-house) attempt to run in thirty minutes or less.



The Artillery School runs the Harriers (again)

In November the School was deeply saddened by the death of WO McCabe R.B. who passed away following a heart attack. He had much to contribute and will be sorely missed.

Throughout 1982 many IGs and AIGs were busy rewriting many of our CFPs. By year's end 306(1) Field Artillery Command and Control, 306(2) Staff Duties and 308(1) Air Defence Artillery Command and Control were all published in draft — and the drafts of 306(3) and 306(4) were well on their way to the printers.

FIELD BATTERY

Field Battery enjoyed another fast paced year. Early January saw the commencement of officer cadet phase II training under the forever watchful eyes of Major J.N. Fleming and WO Dumont J.M.V. This course was blessed with ideal winter warfare training conditions — unlimited snow and extremely cold weather. The TQ 6A field artillery detachment commander course and the advanced artillery technician course were also underway before January came to a close.

During February the FOO tech course which was the last to be run by the School and the FOO course were conducted concurrently. Both courses were well represented with officers and other ranks from all regular force regiments. Some militia officers also attended the FOO course.

May saw the graduation of the IG and AIG courses. The new graduates helped fill out instructor positions in OCT and RESO training and allowed some of the "older" instructors to be posted early.

The summer ended with the OCT/RESO regimental level exercise which covered all aspects of training taught during the summer. The exercise was closely followed by the OCT/RESO graduation parade which for many was the highlight of the year.

In September the TQ 6A course commenced with both field and air defence NCOs joining together for a common eleven day package. At the same time another advanced artillery technician course got underway and we also saw the beginning of the TQ 6B AIG course consisting of seventeen Canadians and one Australian.

In October Field Battery instituted a sports challenge series between the officers and senior NCOs. Unfortunately, 1982 was not a banner year for either team. The officers went down in defeat in softball despite the excellent pitching talents demonstrated by Captain E.W. Gagnon and the senior NCOs were dumped in the soccer

game when Captain L.B. Sherrard scored the winning goal and snatched victory from the jaws of defeat. Perhaps 1983 will bring an overall winner.

November saw the commencement of the second FOO course and throughout the year IG/AIG teams were sent out to various regular and reserve unit practice camps.

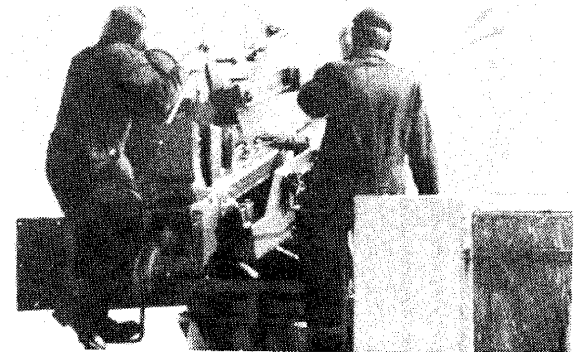
The year ended with the annual Staff Duties course and support to Ex FINAL DRIVE at CLFCSC, Kingston.

In looking back Field Battery had a most successful year training 303 students of all ranks. 1983 promises to be just as busy.

GUIDED WEAPONS AND TECHNOLOGY BATTERY

1982 was an extremely busy and productive year. Seven boffin detachment commanders, thirteen blowpipe detachment commanders, seventeen section commanders and five air defence officers were trained by GW & T Battery.

In September in anticipation of the separation of field and air defence trade progression (at least to sergeant) part of the Senior NCOs Section Commander course was run in conjunction with the Field Artillery Detachment Commander course as a common eleven day TQ 6A. This phase contained those NCO subjects such as drill, leadership, NBCD, instructional techniques, etc., common to both field and air defence senior NCOs. Upon completion of this initial phase, the NCOs joined the officers to form the Air Defence Section Commander course. The final field exercise of the course was supported by V Battery, 5 RALC and by 433 Squadron from Bagotville. This exercise was the culmination of course training and confirmed the student's ability to deploy and fight as an air defence section.



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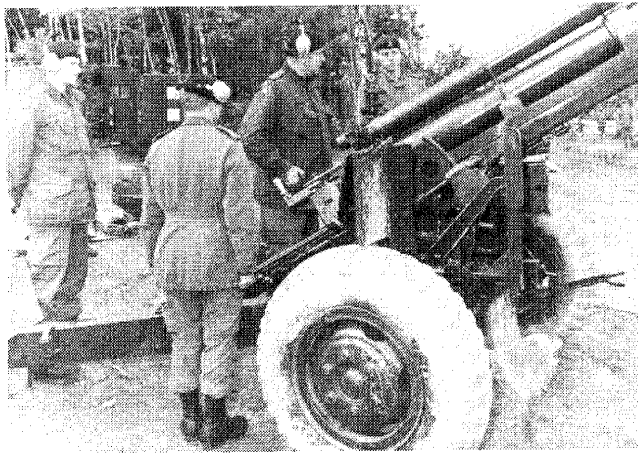
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The air defence officers course was conducted in November — December to teach prospective troop and battery commanders the intricacies of air defence command, control and deployment. Training visits were made to Germany, Halifax and Chatham to see equipment not available in CTC. These visits also allowed the course officers to gain experience in airfield defence and be exposed to other nations' concepts of air defence.

W BATTERY RCA

W Battery spent its twenty-ninth year supporting the myriad of courses conducted by the Artillery School and other training units at CTC Gagetown. Guns, command posts, recce parties, safety officers, OP parties, drivers, ration and ammunition deliveries and general duty soldiers frequently were the order of the day. Superimposed, an artillery bon mot, were battery courses, refresher training, parades, salute troops, trials, demonstrations and displays. The tempo of the battery was fast and the range days were frequent.

In June 1982, nine M109A1 howitzers were back-loaded to Letterkenny Arsenal, Pennsylvania. Nine M109A3 models arrived in time to roll past on the Freedom of the Town of Oromocto parade.



Col H.R. Wheatley visits the detachment commanded by MBdr Stobbs R.A. during EX MOBILE WARRIOR. He is seen speaking to Gnr Schleen G. and Gnr Smith H.W.

The first priority after course support taskings was individual training. The battery has conducted a host of artillery specialist courses most of which were necessary to keep "la grande batterie" moving and shooting; a basic technician, a basic communicator's course, three light tracked driver's courses, three driver wheeled courses, a five ton driver's course, a M109A3 driver's course are some examples. The battery's own individual training has run almost continuously throughout the year.



Bdr Jowett B.A. seems disturbed by something during one of the driving days of Driver Wheeled Course 8203.

One of the varied duties performed is trials on new equipments and concepts. The two major trials involving W Battery were the Gun Alignment and Control System (GACS) and the Extended Range Full Bore (ERFB) projectile. GACS was trialed with both 105mm C1 and M109A1 howitzers. Throughout the ERFB trial, the guns were attacking targets at ranges in excess of 30 kilometers.



The detachment commanded by MBdr Miller G.R. deploys the GC 45 Cal gun during the ERFB trial. The gentlemen in civilian attire is not in W Battery!

The battery experienced a large change-over in its senior appointments during the summer of 1982 — receiving a new BC, BK and BSM. In fact, all but one of the officers and two of the TSMs changed.

On 3 June 1982, command of W Battery passed from Major G.D. Kerr to Major R. Hoyland. On the same day, MWO Gore G.W. replaced MWO Francis C.D. as BSM.

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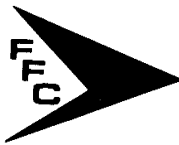
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His Worship Clair Ripley, Mayor of Oromocto, inspects W Battery during the granting of the Freedom of the Town of Oromocto to the Artillery School. He is accompanied by the BC, Major R. Hoyland, CD. Bdr Sangster A.A., Gnr Hagarty B.W., Gnr Lafrenière D., Gnr Northey G.L., and Gnr McInnis J.A. can be seen in the photo.

CONCLUSION

As can be seen with parades, harriers, CFP staffing, trials and exercises as well as the continual stream of courses to be run, the Artillery School was extremely busy in 1982. 1983 promises to be much the same and the School looks forward to the challenges.



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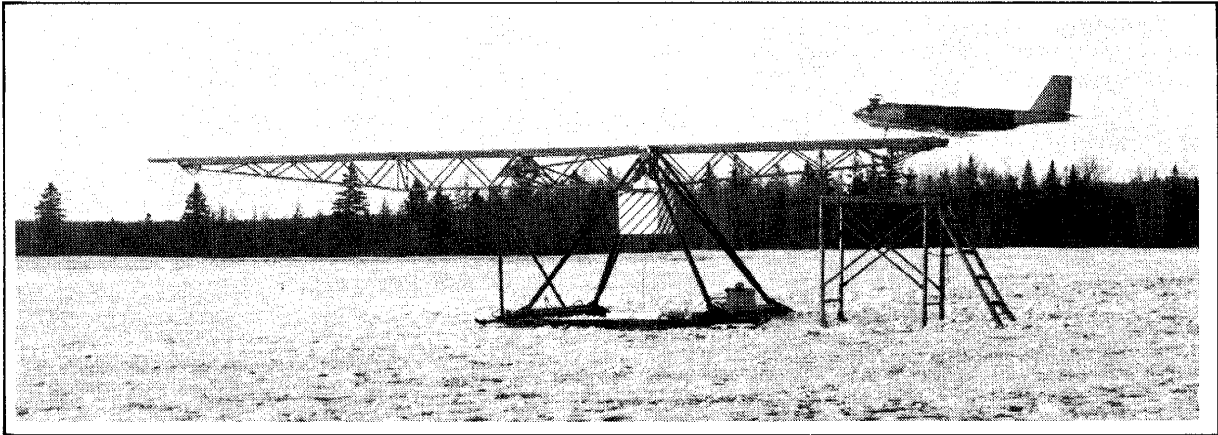
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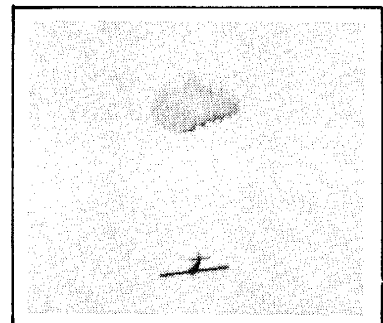
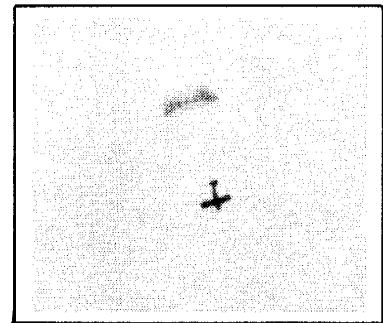
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ROYAL CANADIAN ARTILLERY BATTLE SCHOOL

GENERAL

1982 proved to be an extremely busy year for the RCA Battle School. Since its official opening in September 1981, to November 1982, the unit conducted thirteen courses at a non-stop pace and trained 327 Trade Qualification 3 (TQ 3) gunners. Forty-five joined 1st Regiment Royal Canadian Horse Artillery, 123 went to 2nd Regiment Royal Canadian Horse Artillery, 120 to 3rd Regiment Royal Canadian Horse Artillery and 39 joined the Artillery School.

COURSE CONTENT

The aim of the Battle School is to provide the Royal Regiment with well trained, fit and disciplined gunners and none of the trainees were given a minute to waste in the pursuit of this aim.

The Artilleryman TQ3 course is split up into three distinct phases. First there is the common phase followed by "Shoot to Live" and lastly the gunnery phase.

In the common phase the student receives formal instruction on the M72 personal anti-tank weapon, Carl Gustav light anti-tank weapon, general purpose machine gun, M61 grenade, AN/PRC 25 radio set, field telephones, voice procedure, mines, mine clearing techniques, trip flares, early warning devices and fieldcraft. Of course all this training is confirmed by live firing and by a two day fieldcraft exercise.



"The final product of fieldcraft training"

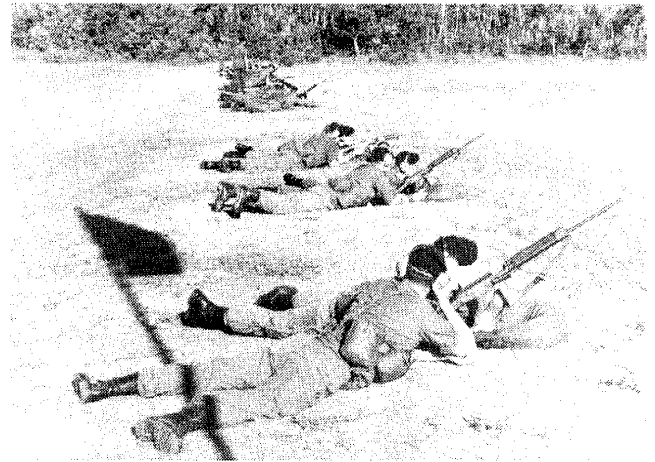


*"Don't shoot till you see the whites of their eyes"
Fieldcraft Exercise*



Course 8209 conducting a general purpose machine gun live firing practice.

The next phase of training is the "Shoot to Live" program. This is a comprehensive, twelve day weapons training program utilizing the FNC1 rifle as the soldiers personal weapon and the sub-machine gun as the alternate. A total of ten days is spent on the rifle range practising shooting techniques from varying positions and distances followed by a weapons classification.



Course 8208 on "Shoot to Live"

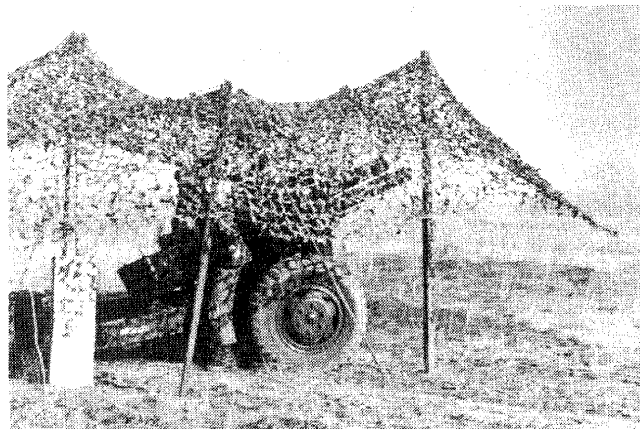


"B" Troops Sargeant Lamore explains to a student why he is not hitting the target.



"On . . . Ready." Two of "B" Troops students prepare to fire their first round.

The remainder of the course is spent strictly on gunnery. The students spend every possible minute in pursuit of studies in ammunition, equipment, gun drill and fire discipline. Their training is confirmed on 4 days of field exercises, soon to be expanded to 10½ days.



"Number One Adjust Fire". First round from course 8208.



A gunner's proudest moment. Major J.B. Knapp presents students with their artillery hatbadge after firing their first round.



The happy aftermath of a hatbadge parade. The tossing of the triservice hatbadge downrange.

Needless to say, physical training is conducted continuously through all training phases. Soldiers start with rifle PT and gradually work their way up and through circuit training, shell drill and obstacle course.



The obstacle course is part of the regular physical training taken by staff and students alike.

NEW FACES

A wave of new postings in the summer of 1982 finally brought the Battle School staff up to full strength.



Major J.B. Knapp signs Change of Command Scroll as Captain MacBride and Colonel Archambault look on.

First, Major Jim Knapp, fresh out of Canadian Forces Command and Staff College in Toronto, arrived to take command as commanding officer from Capt John MacBride who has moved to Director Land Requirement 2-2 in Ottawa. Our best wishes go with Captain McBride and our thanks for getting the school off on the right foot in it's first year.

Captain Gerry Lawrence arrived from the Combat Training Centre (CTC) as battery commander Locating Battery to take the helm as the Battle School's first chief instructor and Captain Fred Aubin from 2 RCHA came in as the new school adjutant. The two troop commanders that were posted to the school this year are Captain Gary Lind from CTC and Captain Gerry Johnson from 1 RCHA.

The new School Sergeant Major is Chief Warrant Officer Vic White from 3 RCHA taking the place of Chief Warrant Officer "Rocky" Lunan, who has moved to the Royal Canadian Artillery Museum.

Also posted in this year were Warrant Officer R.L. Frantz, Sergeant Gingras R.J., Sergeant Gourlay J.A. and Sergeant Weber W.M.

THE YEAR AHEAD

1982 ended with the RCA Battle School receiving an administrative face lift in preparation for 1983. Previous to this the school did not own any of it's own equipment or vehicles, therefore the new year will be greatly occupied in drawing our entitlement.

On the training side of the house, the big project this year is the re-writing of the course training plan and all lesson plans. In comparison to the old course training plan, this new training plan will increase the amount of gunnery training to almost forty-five percent of the total course content.

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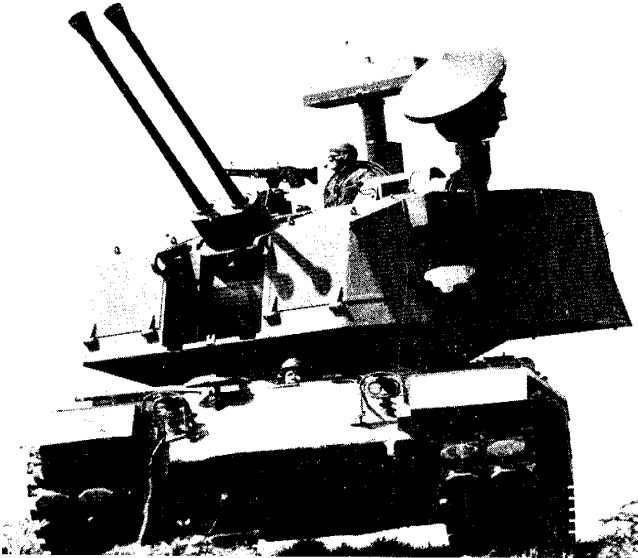
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CANADIAN/US ARMAMENT STANDARDIZATION ACTIVITIES 1982

Major RS Wilson

The ABCA (Armies) Agreement makes allowance for the exchange of standardization representatives or liaison officers to facilitate the exchange of military information among the member armies. The purpose of the exchange is to enhance the process of standardization of doctrine and materiel. At the current time the Canadian Army maintains an august force of 19 liaison officers who are assigned to various major headquarters, field formations, schools and materiel commands of the US Army. Armament standardization is a materiel area that has always been a priority concern to the Canadian Army and to the Royal Regiment in particular. Liaison with US Army agencies on armament related matters is the responsibility of the Canadian Forces Liaison Officer to the US Army Armament Research and Development Command (ARRADCOM) with headquarters at Picatinny Arsenal, Dover, New Jersey and the US Army Armament Materiel Readiness Command (ARRCOM) with headquarters at Rock Island Arsenal, Rock Island, Illinois. The two sister commands are among 13 subordinate commands of the US Army Materiel Development and Readiness Command (DARCOM) with headquarters in Alexandria, Virginia.

Armament liaison with the US Army has been carried out by gunner officers for over 20 years. The liaison office is presently located at ARRADCOM in Dover, New Jersey which is situated about 40 miles west of Yankee Stadium in New York City. The 800 mile separation between ARRADCOM in New Jersey and ARRCOM in Illinois requires regular visits back and forth. The armaments liaison officer can often be observed scurrying about many major US airports from Pittsburgh to Peoria looking as if he wished he were back in Shilo.



Sgt York (DIVAD)

Scrutiny of the names of the two armament commands will reveal the nature of their relationship and the differences between their roles. ARRADCOM

conducts or manages research, development and engineering for product improvements and new weapon systems to a point in time when the fielding of the system has begun and quantity production is underway. At this time in the life of a weapon, be it a hand grenade or a howitzer, responsibility for its ongoing supply, maintenance and overall life cycle management transfers to ARRCOM. As examples, ARRADCOM now manages such systems as the SGT York air defence gun and the Improved 81 mm mortar both of which remain under development and will not be fielded or produced in quantity for a few more years. Conversely, management of the M109 howitzer system which has been in service for some time now is a function of the Readiness Command, ARRCOM. The list of specific systems assigned to the two commands generally includes all army armaments less rockets and missiles. It encompasses weapons and ammunition both nuclear and non-nuclear and includes:

- * gun type artillery, infantry, armour and air defence weapons
- * helicopter mounted guns
- * fire control systems
- * mines, demolitions and grenades
- * smoke and pyrotechnics
- * offensive and protective chemical systems
- * explosives and propellants
- * fuses
- * training ammunition

Liaison activities in 1982 were diverse but priority went to a number of projects of particular importance to the Royal Regiment.

The M109 howitzer rebuild and conversion project is nearing completion. It has been orchestrated by Mr. Bill MacLeod and Major Bruce Armstrong, resident gunners of DLAEEM/NDHQ. The rebuild and conversion to the M109A3 configuration will enhance the effectiveness and survivability of our howitzers to the end of this decade. Coordination and liaison with the engineering, maintenance and contracting staffs at ARRCOM in Rock Island has been ongoing for over two years and has been aimed primarily at identifying small problems and misunderstandings before they became big. With the completion of this project close at hand, discussions are now underway regarding the M109A4 conversion that should be fielded before 1990 and which will "propel" the M109 into the 21st

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During the summer of 1982 the Trials and Evaluation Staff at CTC assisted by members of 5RALC carried out evaluations of an improved 155MM HE projectile. The projectile, incorporating base bleed technology, is designated the XC-10 155MM Extended Range Full Bore, Base Bleed (ERFB/BB). It may provide a significantly better range capability with in-service propellants and howitzers than the standard M107 projectile family. In the spring of 1982 it was identified that the US Army was conducting a similar development and discussions between the ammunition engineering staff at NDHQ and ARRADCOM revealed significant US interest in the Canadian project. ARRADCOM accepted an invitation to participate in the CTC trial and in so doing provided radar tracking equipment and operators that allowed the observation and recording of projectile performance throughout the trajectory. The coordination needed to get three truck loads of radar equipment and ten members of ARRADCOM from New Jersey to New Brunswick was an exciting staff duties exercise. The results of the trials are still being evaluated.

M109A4

The US Army currently has an improvement program underway that will provide enhanced capabilities to the M109A3 howitzer thereby extending its life well into the 21st Century.

The heart of the M109A4 configuration will be the incorporation of a land navigation system into the howitzer's fire control. The on-board device will provide fix and orientation for the howitzer and panoramic telescopes and aiming circles will become redundant back-ups.

M109A4 will also offer improvements to the rammer and the cab electrical and hydraulic systems. Improved NB CW protection and fire suppression will be featured as well. Numerous improvements will be made to the power pack.

Prototype M109A4s will be tested in 1983 and 1984. It is expected that fielding will begin in 1987.

Maj R.S. Wilson is serving as the Canadian Forces Liaison Officer at the US Army Armament Research and Development Command, Dover, New Jersey. -Ed.

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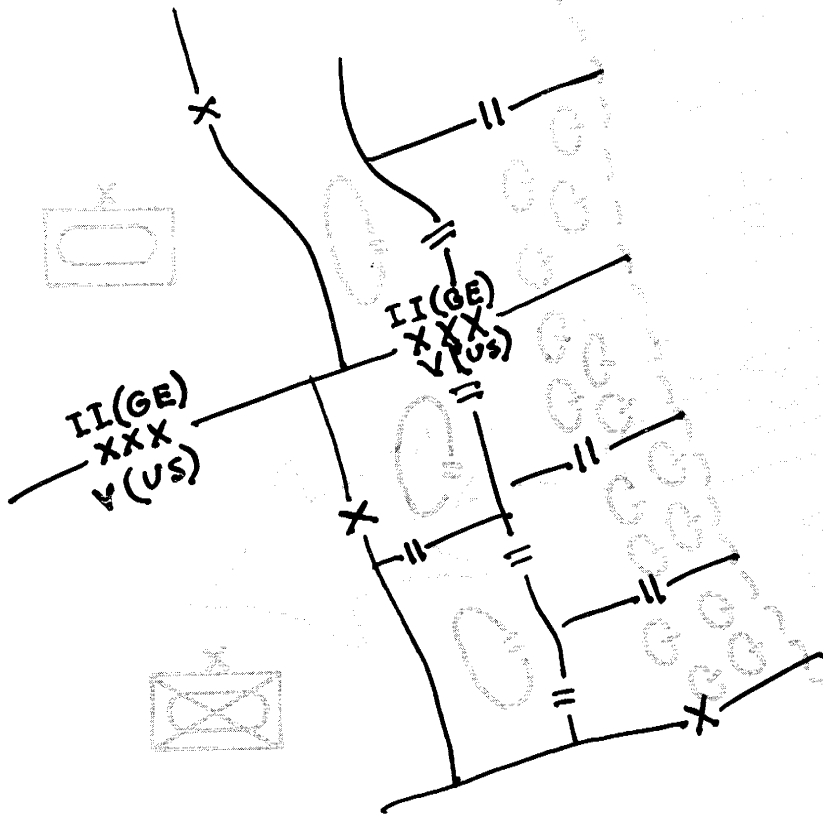
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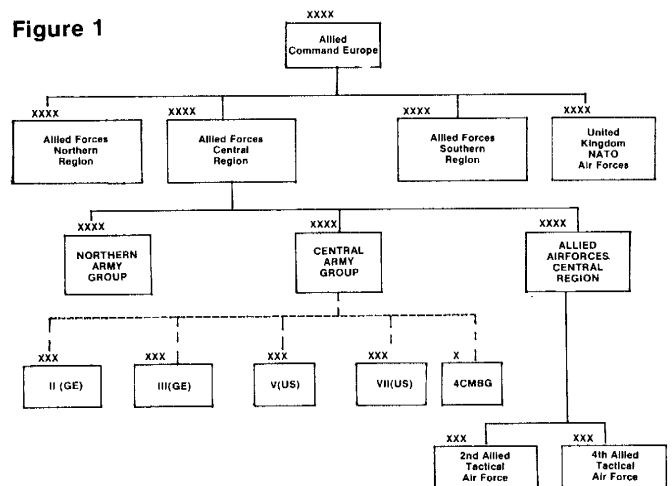
EXERCISE PLANNING IN CENTRAL ARMY GROUP
 Lieutenant Colonel HD Thompson

Every exercise requires an enemy situation, even if it is no more than a, "word picture", painted by an officer or NCO prior to assigning a specific task. As exercises become larger more detail is required on the enemy if the friendly forces are to deal with him in a coordinated manner. For exercises at Army Group and above several documents are produced to ensure representation of formations at front level and above. Preparing this, "word picture", for NATO exercises is the task given to a group of exercise planners who work in the Intelligence Divisions of their various headquarters. Their job is to develop enemy (ORANGE) play that will satisfy the exercise objectives set by their commanders and staffs, taking into account political constraints, and retaining as much realism as possible. The purpose of this article is to outline how this takes place at Central Army Group Headquarters, (CENTAG HQ), from the point of view of the section Chief; but first, to "Christen the ground".

The Central Army Group (CENTAG) is planned to have four Corps, one independent brigade, and supporting units under Operational Command in time of War. COMCENTAG reports to C in C Central Region (CINCENT), who is a Major Subordinate Commander under the Supreme Allied Commander, Europe (SACEUR). The air component of the Central Region is divided into two Allied Tactical Air Forces (ATAFs) reporting to HQ

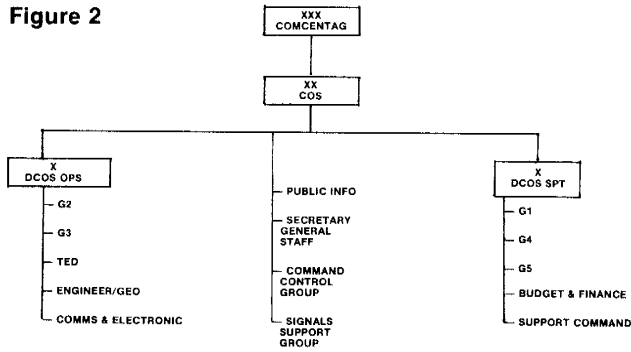
Allied Air Forces Central Region (AAFCE). CENTAG HQ is organized along continental lines with two Deputy Chiefs of Staff (DCOS) reporting to the Chief of Staff (COS). G2 (Intelligence), G3 (Operations), and the Training and Exercise Division (TED) report to DCOS OPS; G1 (Personnel), G4 (Logistics) and G5 (Civil-Military Coordination) reports to DCOS SUPPORT. Figure 2 fills in the detail.

Figure 1



--- operational command in time of war.

Figure 2



Training commanders and staffs is an ongoing responsibility in any military organization, but the added complexity of high level international procedures makes this task even more important in NATO. These procedures are practiced and tested at HQ CENTAG through a series of command post exercises (CPX) as follows:

- WINTEX — A NATO level CPX held every two years;
- ABLE ARCHER — An ACE level CPX held every year as part of the AUTUMN FORGE series;
- CRESTED EAGLE — An AFCENT CPX with some free ORANGE play. Held on alternate years to WINTEX; and
- TUERENNE (Colour) — A CENTAG CPX held every two years to exercise specific Contingency Operation Plans.

Overall responsibility for coordination and production of the documents necessary to set up and control a CPX in CENTAG rests with TED. Each staff division is responsible for ensuring that their aims and objectives are met by providing the type of input that will result in the required player action. The Training and Exercise Section of G2 Division is tasked with producing ORANGE play that will meet the overall exercise aim and objectives, plus the objectives of all staff agencies within CENTAG and, of course, those of superior and subordinate formations. It is on the work of this section that this paper will concentrate.

The Training and Exercise Section of CENTAG HQ, G2 Division, is responsible for the planning, controlling and reporting of ORANGE land play against CENTAG and coordinating ORANGE close air support for CPX's. In addition, the section coordinates the G2 Division's requirements for courses, G2 input to SACEURs Operational Readiness Test Programme and is the Divisions point of contact for quick reaction readiness exercises. The Section Chief is a Canadian Lieutenant-Colonel (Combat Arms), assisted by a German Lieutenant-Colonel (Intelligence trained) and an American Specialist 5 (Clerk and Section NCO).

Planning a CPX at Army Group level involves the preparation of three basic documents. The Directing Staff Directive, the Exercise Operations Order and the Master Incident List. The first and last are for Exercise planners and Directing Staff (DISTAFF); the Operations Order is for the players. Each will be covered in turn.

The Directing Staff Directive gives direction to planners and DISTAFF as to how the exercise will be conducted in order to meet specific aims and objectives. It also details special exercise procedures, codes, attrition rates and other information which is needed by the DISTAFF at Corps level. Intelligence input to this document includes a description of the ORANGE political and military developments which led to the start situation, and key events from the time frame of the exercise. A key event can be defined as:

A pre-planned occurrence developed from the exercise scenario which is essential to the framework of the exercise objectives and that will normally impact on more than one nation or NATO HQ.

If key events are the framework for an exercise, then events and incidents form the supports and covering. Events are occurrences that lead to or signal a key event, and incidents are the many things that must happen, defined by time and place, to formulate an event. An example can be taken from the movement of Theatre Reserves: Their arrival in-theatre would be a key event; the event to signal this could be the identification of a division in-theatre that was known to form part of the Theatre Reserves; the incidents leading to this could be reports on convoys, individual train movements, empty barracks or any number of occurrences that would lead an intelligence analyst to the conclusion that a specific division was moving in the desired direction. This leads to the second DISTAFF document, the Master Incident List, or MIL.

Above Army Group exercise planners concentrate on developing events; below Army Group the effort is on incidents; the Army Group staff produce both. The MIL is a compendium, arranged chronologically, of what must be reported to the players (BLUE) in order to trigger the actions required by the exercise aims and objectives. It must cover all facets of the military/political picture as only those events/incidents in the MIL will be reported upon. The detail can vary from, "A brigade-sized airborne operation 20 km NW of _____," to "a soldier with full NBC protective gear was observed at GR _____." In addition to the detail of the event/incident the MIL must give the date/time it is to be reported, the agency(ies) responsible for making the report and any amplifying remarks. The Intelligence planners are responsible for that part of the MIL which develops the ORANGE Order of Battle, Concept of operations, operational and logistics plans and

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execution. The more specialized aspects of the plan, eg. electronic warfare, NBC operations, psychological operations etc., are developed by the appropriate staff section in accordance with the overall concept. Development of a complete MIL is a cooperative venture since the picture presented to the BLUE staff must be coherent, logical and lead to specific conclusions.

The Exercise Operations Order serves several purposes but for the Intelligence Planner it means presenting the ORANGE picture, as at the start date/time of the exercise, that one could reasonably expect BLUE to have if the lead-in to the exercise had been live. As the CPXs each have a different start time relative to the outbreak of hostilities, and often include deception planning, this decision is subjective and controversial. The information given is normally raw data, thereby forcing the BLUE staff to start the Intelligence Cycle prior to the exercise so that the Intelligence presented to BLUE is always derived from their own analysts. While this requires more effort by all concerned it provides a degree of continuity to the Intelligence picture that probably could not be obtained by direct injection of processed intelligence by the DISTAFF.

During the execution phase the exercise planners become the DISTAFF with the task of working behind the scenes to ensure that the exercise develops as planned. For the Intelligence DISTAFF at CENTAG HQ this also means producing the Reconnaissance Reports resulting from BLUE Reconnaissance, and attributing damages and casualties to BLUE Air Interdiction. The detailed land battle is fought at Corps and Division level, but these operations must be monitored to ensure that unexpected BLUE reactions do not create a situation that could jeopardize exercise objectives. This can be a busy time

and involves a great deal of compromise to ensure that each staff section obtains maximum training benefit from the play. The final task is coordinating the after action reports for G2 Division on behalf of the project officer. Normally by that time planning has started on the next exercise in the series and, where possible, planning items from the final exercise report are incorporated in the new plan.

Planning and executing repeated attacks against CENTAG with the appropriate ORANGE force is a professionally challenging experience. Each plan must be sufficiently different from the last to ensure that BLUE staffs derive the maximum training value possible, but as the terrain does not change, and certain limiting factors must be respected; one is constantly on the look-out for new strategic and operational ideas. Exercise planners in ACE, supplemented when necessary by national planners, are a congenial group and although arguments are many, particularly in the conceptual stage, they are carried out in the best professional tradition and one is able to gain much from the corporate knowledge available.

These discussions lead to new ideas and so each exercise is made sufficiently different from proceeding ones to pose the required challenge to BLUE.

LCol HD Thompson is section chief of the Training and Exercise Section, G2 (Intelligence) Division of Central Army Group Headquarters (CENTAG HQ) Mannheim-Seckenheim, West Germany. The above notes and impressions of his task to produce ORANGE play for major international exercises are of interest to all Artillery officers but of special interest to those who may find themselves posted to higher formation or command headquarters. -Ed.



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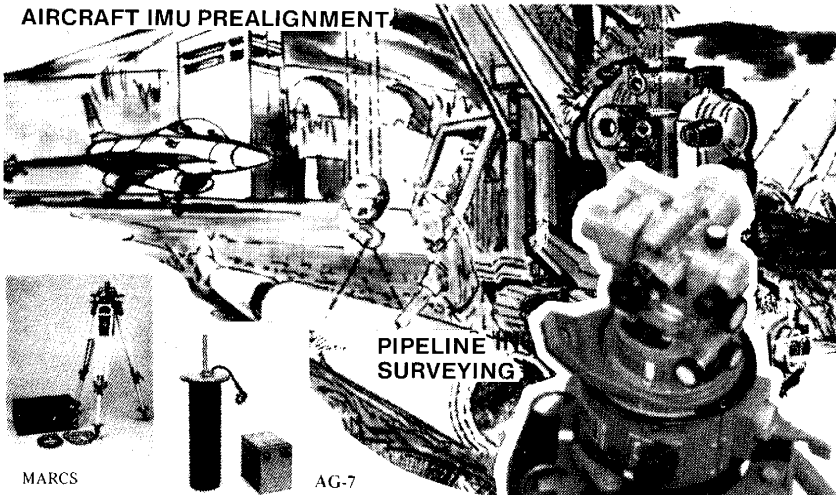
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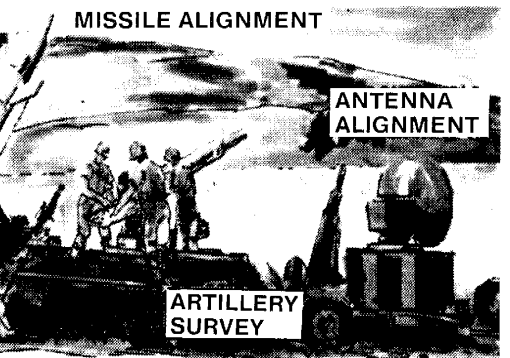


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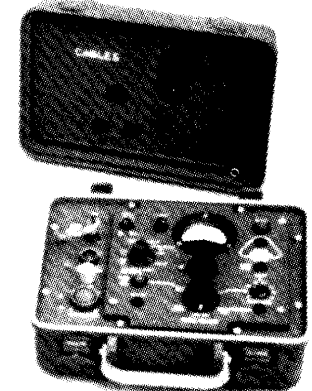
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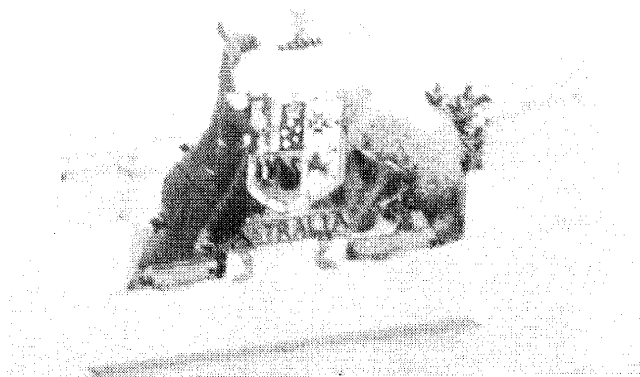
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NOTES FROM AUSTRALIA THE ABCA PROGRAMME

Major OL Greenizan



ORIGINS

The origin of the ABCA programme goes back to the close co-operation between the allies during World War II. After the war, General Eisenhower and Field Marshall Montgomery decided that this close co-operation should continue and began discussions on how to achieve this goal through standardization of equipment and procedures.

By 1947 a "Plan To Effect Standardization" had been initiated between the **armies** of the United States, Britain, and Canada — the ABC armies. The object of this plan was to ensure that in times of necessity there would be no material or technical obstacle to the full co-operation among the countries concerned and to obtain the greatest possible economy in the use of combined resources and effort.

The "Plan" was replaced by the basic standardization concept in 1950 and later by a "Basic Standardization Agreement" in 1954. In 1964, after Australia joined the plan, the current "Basic Standardization Agreement (1964)" was ratified by the three ABC armies and the Australian army and the ABCA programme was formally established. New Zealand, although not a signatory to the agreement, became associated with the programme through Australia in 1965.

AIMS

The formal aims of the ABCA programme are to:

- ensure the fullest co-operation and collaboration among the four armies;
- achieve the highest possible degree of interoperability among the signatory armies through material and non-material standardization;
- obtain the greatest possible economy by the use of combined resources and effort.

To meet these aims with any degree of success, it is important that a free flow of information between armies is maintained; that research and development is guided whenever possible along lines which are compatible with the requirements of all armies; and that formal agreements are recorded and maintained in both material and non-material fields for items and concepts which are acceptable to two or more armies.

It was recognized very early on that a formal organization to manage the programme was required and that the programme be overseen from high level in each of the armies. In Canada, the Chief of Land Doctrine and Operations (CLDO) and in Australia, the Chief of Operations — Army (COPS-A) are the responsible agencies. The other armies have assigned the responsibility at an equally high level. The day to day management

and monitoring of the program is conducted at the Washington Standardization Office (WSO) based in Washington D.C., USA. This organization is staffed by a senior officer from each army (usually at the one star level) except New Zealand, who is looked after by Australia. Each country has a National Standardization Office (NSO) and the countries exchange standardization representatives (STANREPS). In general, management of the programme is broken down into three main levels:

— The Executive Level

Senior officers from each country (CLDO, etc.) meet approximately every eighteen months to examine the direction and achievement of the programme. These meetings, known as "TEAL", are held in each of the four countries on a rotating basis.

— The Management Level

Washington Standardization Office with a Primary Standardization Office (PSO) is based in Washington, D.C USA.

— The Working Level

- A. Quadripartite Working Groups (QWG) (pronounced KWIG), a standing working group with members from each country meets in each country on a rotational schedule every eighteen months. There are, at present, 20 such working groups.
- B. The Special Working Party (SWP), Usually formed from within a QWG is to operate between meetings to carry out specific tasks requiring detailed examination. The SWP is usually dissolved on completion of the task and reports through the standing chairman to the QWG.
- C. Information Exchange Groups (IEG), are established to allow designated individuals working in the same fields in different countries to exchange information and keep each other informed of progress by correspondence. They have no corporate identity and do not meet.

THE CANADIAN STANDARDIZATION REPRESENTATIVE IN AUSTRALIA

As stated above, Canada has a standardization representative stationed in Australia as part of the ABCA programme. For the first time since the programme began this representative is a gunner. United States, United Kingdom and New Zealand also have a representative and normally the four officers work as a team in ABCA matters. As Australia is not a member of NATO, the ABCA is their link to NATO thinking. In fact, many of the STANAGS in which the three NATO members are signatories become Quadripartite Standardization Agreements (QSTAGS) once Australia has accepted the provisions embodied in the agreement. The Canadian Forces Standardization Representative (CFSSR) is responsible to CLDO through the Directorate of Standardization Co-ordination (DSTOZNC) for furthering the standardization programme in accordance with BSA 1964. Specifically he is responsible for:

- forwarding to NDHQ all information and reports received from the Australian army.
- attending ABCA programme meetings held in Australia (and New Zealand) and providing assistance to the Canadian head of delegation.
- providing assistance in or expediting, when necessary, the standardization loan of material between the Australian army and the Canadian Forces.
- participating in the examination, discussion, or study of subjects of interest to the Canadian Forces as advised by National Defence Headquarters (NDHQ) when practicable and appropriate.
- keeping the Canadian Forces informed of current Australian tactical concepts and published doctrine as well as current and future Australian army concepts and policy on equipments or subjects

which, although not formally included in the standardization process are of interest to the Canadian Forces.

- establishing and maintaining liason with Australian army training facilities of interest to the Canadian Forces.

Since arriving in Australia in July, 1982, as the STANREP, I have attended the number Four QWG/ Nuclear, Biological, Chemical Defence (NBCD) meeting held in Sydney, Australia (at the School of Artillery, in fact). The Canadian delegate was a civilian scientist from the Defence Research Establishment Ottawa (DREO) and an officer from DNBCC in NDHQ. One of the main topics of discussion was the next generation of face mask for operations in NBC conditions. Three of the four countries are preparing requirements documents for a new mask and the discussion centered around co-operative development with a view to standardizing such things as the adapter for drinking from a water bottle while wearing the mask. Although no firm agreement was made, the fact that the area for standardization was being identified early in the development stage demonstrates one benefit of the ABCA programme and the next NBC mask may well be fitted with a kit compatible to all the armies.

The next QWG was number Eight/Command and Control held in Papakura camp near Auckland, New Zealand in November, 1982. Canada was represented by a well-qualified delegation from DLCD and DOEO in NDHQ. The discussions included all aspects of command and control of a multinational ABCA force. Some of the topics included the thorny problems of air space management and force standard operating procedures. This particular QWG has of necessity, to maintain very close liason through the WSO and the standing chairmen, with the significant number of the other QWGS (i.e. QWG/Air Defence and QWG Surface to Surface Artillery) as their deliberations and concepts has an impact on the procedures developed by those QWGS. In fact, many QWGS must await the results of QWG Command and Control before continuing their own work.

With this very brief article, it has been my intention to provide a very quick overview to the ABCA programme and the role of the standardization representative in Australia. There is considerably more to tell before any thorough understanding of the total programme can be assured. In future articles, I will endeavour to expand on the armies programme and address some of the specifics in more detail.



Maj O.L. Greenizann who contributed this article is the Canadian Standardization Representative stationed in Australia as part of the ABCA programme. -Ed.



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CENTRAL MILITIA AREA

Lieutenant-Colonel E.L. Schrader

On 16 October 1982 BGen L.M. Salmon formally assumed command of Central Militia Area from BGen W.J. Patterson. BGen Salmon's command is composed of six Militia Districts containing 42 units supported by bases from Mobile Command, Air Command and Canadian Forces Training System. The command includes five artillery regiments one of which has an operational tasking.



Gunner takes command of Central Militia Area.

Pictured above (left) is BGen L.M. Salmon, CD who assumed command of CMA from BGen W.J. Patterson, OMM, CD during a ceremony presided over by LGen C.H. Belzile, CMM, CD on 16 October 1982 at CFB Toronto. General Salmon is also President of the RCAA.

OPERATIONAL TASKING

In October 1981 Commander Forces Mobile Command tasked Central Militia Area to provide a two battery 105 Close Support Regiment for operational tasking. Central Militia Area selected 7 (Toronto) Regiment to provide Regimental Headquarters plus 9 Battery and 11 Field Regiment to provide 29 Battery from Guelph. 56 Field Regiment was tasked to provide any individual augmentees necessary to flesh out the unit establishment. Integral service support was provided by transferring personnel from 25 Service Battalion and 25 Medical Company while the full complement for the Signals Troop was transferred from 709 Communications Regiment. The combined unit is known as 7 (Toronto) Regiment Royal Canadian Artillery.

The regiment has been equipped with 100 vehicles and 12 guns and provided with a supplement of a quarter million dollars to conduct individual and unit training. Training takes place two nights each week plus every

Saturday. Once a month the unit conducts either a Command Post Exercise or Field Training Exercise. Each battery has three full Forward Observation Officers parties and Regimental Headquarters has a Survey Troop on its peace establishment plus a Locating Troop on its war establishment. The unit is authorized one officer and 16 Other Ranks on Class B Service. This has enabled personnel to attend Regular Force courses essential to developing the units operational capability. Gunners have attended Survey Courses at the Artillery School and have acquired the experience necessary to operate a Computing Centre. Tradesman have begun to attend courses relating to new equipment such as the 2½ ton truck. With the Regiment spread between Moss Park and Dennison Armouries plus Canadian Forces Base Toronto and Guelph the development of an effective operational unit is not an easy task. In typical fashion the Gunner family has gotten together to put the unit in the field and 2 RCHA has assumed the role of big brother to provide advice and assistance for the conduct of training and practice camps.

Lieutenant Colonel C.R. Mouatt, who assumed command of the Regiment from Lieutenant Colonel G.E. Haylock in November 1981, will take the Regiment to Canadian Forces Base Petawawa in August 1983 for an artillery concentration and the first operational evaluation.

ARTILLERY CONCENTRATION

The five Gunner Regiments from Central Militia Area assembled at the United States National Guard Training Centre, Camp Grayling, Michigan for a combined practice camp in late August. The aim was to train 7 (Toronto) Regiment in its operational role and permit it to operate as a regiment. The opportunity was used to create and train a second composite artillery regiment and a skeleton artillery brigade headquarters. 7 (Toronto) Regiment was supported by 11 and 56 Field Regiments while 30 and 49 Field Regiments combined to form the second unit.

Artillery Concentration was a valuable learning experience for all participants. The attending batteries engaged numerous targets; however, due to a lack in the various natures of ammunition these were restricted primarily to High Explosive missions. By the end of concentration the batteries were engaging regimental and divisional targets. The Battery Command Posts and Forward Observation officers were not the only ones to hone their skills. The gun detachments started out with many new Trade Qualified 1 Gunners fresh from the Summer Recruit Training Programme. Under the direction of their No's 1 their training progressed at a good pace. Battery training was well done and each regiment showed that it possessed the capability to field a battery of guns.

The training of the Regimental Headquarters and the Brigade Headquarters was equally successful. Few of the Regimental Headquarters level staff officers had ever served in an operational Regimental Headquarters in the field thus their initial knowledge of what was required was rudimentary. The lack of knowledgeable Non Commission Officers, soldiers and adequate vehicles and radios compounded the situation. By the end of concentration the function of call signs 0 and 95 were fairly well understood and most Regimental Headquarters appointment holders had a better idea of how Drop Points, Administrative nets and Standing Operational Procedures were to be used, directed and controlled.

The Brigade Headquarters staff from Northern Ontario Militia District and 49 Field Regiment had been exposed to the problems of command and control at a higher level. Those involved agree more training is essential for Regimental Headquarters and that training

of a higher level Headquarters is needed. The training of the Regimental Headquarters can be conducted through additional Command Post Exercises with the Regular Force and by the employment of composite artillery regiments at MILCONS. Experience in the operation of a higher headquarters can be gained by augmenting the Divisional Artillery Headquarters on Exercise RITE SIMPLE and RV '83. However, the fielding of effective Regimental Headquarters will not be possible as long as the personnel and equipment required to man them is unavailable. This is equally applicable to a higher level artillery Headquarters.



Left to right: Gunner Whittingham, Gunner Partridge, Gunner Martirez; and Master Bombardier Pereira



Left to right: Gunner Grinnell, Gunner Eizler; and Master Bombardier Currell

Nineteen eight-two was a good year for Central Militia Area gunners. The achievement of 1st, 2nd, 4th, 6th and 12th place in the RCAA Competition Exercise VALLEY ROAD indicates that the Area Gunners can train good batteries. The operational tasking has now given us the challenge to train a regiment and that is a challenge which we willingly accept.

Lieutenant Colonel E.L. Schrader, CD is currently serving at CMA Headquarters in Toronto as Deputy Chief of Staff -Ed.

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NOTES FROM ROYAL ROADS

Major P.R. Learmonth

The Hatley Park Gunners, located at Royal Roads Military College (RRMC) now number six serving and ex-members of the Royal Regiment. These are:

- a. Dr. Eric Graham, Director of Studies; from 1933 to 1937 he was a member of the 32nd (Kingston) Field Battery RCA;
- b. Major Peter Learmonth, Staff Officer Cadets and Military Training;
- c. Captain Dick Hardman, Two Squadron Commander;
- d. Captain Bob Beardmore, Schools Liaison Officer;
- e. Dr. Rick Marsden, an Assistant Professor in the Physics Department; and
- f. WO Gary Mason, a drill instructor.

On Friday, 3 December 1982 (one day early), the Hatley Park Gunners celebrated St. Barbara's Day. To the strains of Artillery march music one could read a locally-produced Artillery pamphlet whilst drinking Artillery punch. The highlight of the celebrations was the engagement of the enemy by a single cannon fired from the ramparts of the Castle. Following this successful engagement, the gunners then fixed the position by driving a nail into the bar to mark the location of Bearing Picket Hatley. B P Hatley will be suitably established in the near future and dutifully recorded in the prescribed manner. Gunners — or anyone else for that matter — may rest assured that a firm base for future artillery engagements has been established at Royal Roads.



ST. BARBARA'S DAY SALUTE AT ROYAL ROADS

In drizzling rain, a three-man detachment fired a one-gun salute during St. Barbara's Day celebrations. The Number One, Dr. Rick Marsden, protects the gun with an umbrella. The Number Three, Capt Bob Beardmore, turns a deaf ear. The Number Two, Capt Dick Hardman, takes a whiff of cordite. Standing on the right is Maj Peter Learmonth, acting as Gun Position Officer.



BP DRIVEN HOME

BP HATLEY is now permanently marked in the centre of the bar at Royal Roads. The solemn ceremony was part of the St. Barbara's Day festivities. Capt Dick Hardman drove the spike home. Capt Bob Beardmore and Maj Peter Learmonth are observers. Anxiously watching for any damage to his bar is Col G.L. Logan, Commandant.



DR. CLARENCE C. COOK

Dr. Clarence C. Cook, BA, MSC, LLD, died in Victoria on 14 November, 1982 after a brief illness. Dr. Cook had a long and distinguished career with the Department of National Defence and was, before his retirement, the Director of Studies at Royal Roads Military College.

Dr. Cook was born in Streetsville, Ontario in 1894 and attended University College, Toronto, where he was enrolled in Honours Mathematics and Physics. In 1919 he accepted an appointment as Science Master at Moose Jaw College and was promoted to Head Master the following year. In 1924 he joined the staff of the Royal Military College as a physics instructor. He accepted a commission in 1934 and joined the 32nd (Kingston) Field

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Battery, in which he attained the rank of Major by 1940. At the beginning of the war he was Associate Professor of Artillery (1940-42) and was responsible for the Radio Technicians Course at RMC.

In 1942, Dr. Cook was transferred to the Royal Canadian Naval College at Royal Roads with the rank of Lieutenant-Commander. At the end of the war, by then an Instructor Commander, he left the Navy to become a civilian professor as head of the Physics Department at Royal Roads. He was appointed Director of Studies in 1954, a position he held until his retirement in 1961.

Dr. Cook was much loved and highly respected by all those who knew him. Following his retirement, he continued to maintain an active interest in the military colleges and the many graduates whose lives he had helped to shape.

Dr. Cook is survived by his wife, Frances, as well as his two children — his son John and his daughter, now Mrs. Robert J. Harvey, all of Victoria.

Maj P.R. Learmonth is Staff Officer Cadets and Military Training at the Royal Roads Military College, Victoria, British Columbia. He contributed this article. -Ed.

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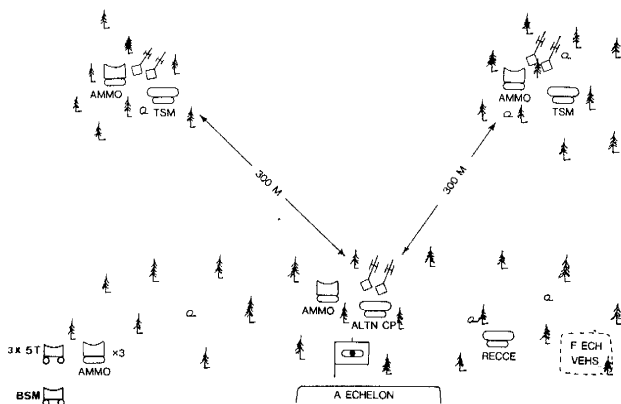
THE DISPERSED GUN POSITION

Since August 1982, B Bty 1 RCHA has devoted many hours of training time in developing the tactics and procedures for the dispersed gun position to be used within 1 RCHA. Dispersed positioning was conducted by the Battery during FALLEX 82 (dry) and the 1 RCHA Munster Practice Camp (live), November 1982. The biggest challenge facing the Battery was making it work within the present establishment and organization.

After considering the factors of equipment, organization, command and control, local defence, the CB and air threat, communications and the preparation of the position, it was decided that pairs of guns, deployed in an irregular pattern, 200 to 300 metres apart, provided the best compromise in deployment options. It proved to be an entirely workable solution.

The deployment pattern indicated above countered the CB threat, however, survivability was not considered to be an end in itself. It was also necessary to cater for command, control, communications, and local defence. After experimenting with various options, it was decided to form small balanced sections of vehicles and personnel, as indicated in the diagram. Each section consisted of a pair of guns, a TSM/Section Commander and one M548 ammunition vehicle. A small mixed ammunition/wagon line provided continuous replenishment of ammunition to the three sections. All other entities in the diagram are also tactically grouped.

THE DISPERSED POSN



After the smoke had cleared some noticeable changes in normal routine, to include some pleasant surprises, were found. In particular, from a local defence point of view, the gun position was more tenable. The local defence battle was somewhat decentralized but overall coordination was still maintained effectively from a central location. The dispersed position had more depth than a normal position and, therefore, allowed truly effective mutual support. The dispersion also allowed better use to be made of crew served weapons, in terms of overlapping arcs of fire and weapon characteristics.

Trials on a two way, low power, handheld "Motorola" radio gave positive results as an alternative to the AN/PRC 77 set and alleviated some of the line laying problems. (The Regiment has a very limited line laying capability). It was very useful for sentries, passing line and local defence.

The reconnaissance and selection of the position, in daylight (a must), required a minimum of two hours. CP and FC data was collected by director/stadia rod. Pacing and prismatic compass provided acceptable data over reasonably level ground. PADS is the answer!

CP procedures were obviously affected. A fall of shot pattern was developed for a circular distribution of fire

using an artillery plotting graph. Time to compute data (for fire for effect) with this manual system varied from four to six minutes. Oh, for GACS and MILIPAC!

The dispersed gun position does improve survival of the artillery from the following threats:

- ground attack;
- NBC attack;
- CB;
- CAS; and
- AH.

GACS and MILIPAC will eliminate the time problem in computing firing data.

Dispersed positioning is a deployment option for the artillery commander who must base his decision upon the threat. These drills should now be practiced by all regiments.

ABBREVIATED FIRE ORDERS

The reason for dispersed gun positions is, of course, SURVIVABILITY. But the survivability problem also includes the EW threat. Abbreviated Artillery Fire Orders may help minimize this threat.

Communications is the "Achilles Heel" of the artillery and has always been. The Soviet emphasis on radio electronic warfare adds another dimension to the conflict. This brings to mind our current system of artillery fire orders. It is suggested that this system is cumbersome, prone to error, time consuming, often redundant, and very vulnerable. Is it not time to streamline our system of fire orders?

The following is an example of a fire order which should get quick response and be workable through all but the heaviest of jamming —

2 this is 21
Fire For Effect, 3 rds
Grid 321 546

We have all certainly agonized over our very formal system of fire orders, and fire discipline for that matter. It is an excellent system but it could be streamlined considerably to reduce its vulnerability. Let's do it!

CONCLUSION

Survivability will be enhanced by deploying in dispersed gun positions and by using abbreviated fire orders. The gun position must be able to survive the awesome threat of the BM21, RM70, HIND E, FENCER, FLOGGER D AND FRED.

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AIR DEFENCE COMMANDER? WHY NOT!

Major H.P. Mundell

This is a true story. It is an account of my own personal experience starting in January 1981 when I was returning from staff college in Pakistan. It is an impression of just a few of the benefits of being an air defence commander in the Canadian Artillery as seen through my eyes — the eyes of a battery commander. Although it is written from a singular perspective its context hopefully is universal; there should be something of interest to you even if you've already been a unit commanding officer, or are aspiring to be a battery commander yourself or even if you're as green as a cucumber having just stepped off final phase training. It is not my intention to demean the importance of command in field gunnery units or sub units! My objective is to remove the apparent paranoia associated with an appointment to air defence positions — the mistaken belief by field gunners that a posting to an air defence job automatically implies an application for papers as second class citizens; the erroneous concept that air defence appointments are nothing jobs lacking any degree of challenge or vitality. My experience has told me that such perceptions are unfounded. Now I'll tell you why.

So let's go back to when it really started for me — January 1981. I was passing through Lahr on my way home from an exciting year in Pakistan and of course I decided to drop in on 1 RCHA to say hello to some friends. While enjoying the pleasures of an ice cold Heineken, I distinctly recall one of my fellow officers asking "So how do you feel about getting command of an air defence battery? I bet you wish you had your hands on six M109s instead?" I casually brushed the question aside replying "Of course not — command of a battery is what's important. It doesn't matter whether it's equipped with howitzers, missiles or theodolites and radars".

Had I been truthful at the time I would have agreed with the individual. Initially I was not a believer. I was very apprehensive about my forthcoming appointment. My entire experience since commissioning had been associated with field gunnery. As a subaltern and young captain I'd been fortunate to do all those good jobs — troop leader, gun position officer, command post officer and troop commander. After three years in the School as an Instructor in Gunnery "swanned" off to Europe where my field gunnery training was further solidified as a Battery Captain and Regimental Command Post Officer. It was not until the summer of 77 that I had my first formal brush with air defence and that was in what I considered to be a highly theoretical nature as a secondary desk officer in the Directorate of Land Requirements. Therefore, when taking over as the commander of U Battery I had in essence no practical experience or formal qualifications in air defence.



So what is so invigorating about air defence? Why does an artillery officer who was bred, born, and raised on field guns enjoy his excursion into the world of air defence with such enthusiasm? There are many reasons but I choose to dwell on only three — the leadership challenge, the opportunity to think, decide, and act on courses of action independently, and finally the development of professional knowledge.

First let us examine a favourite topic of most officers — that is leadership. I believe the air defence battery offers leaders at all rank levels a greater challenge than its field counterpart. This emerges primarily from its established organization in terms of rank structure. The air defence troop is commanded by a lieutenant assisted by a sergeant; its detachment commanders are master bombardiers. Although somewhat smaller in terms of numbers of personnel this troop functions in a similar manner to a field troop. The young lieutenant, however, is solely responsible for its activities. There is no "long in the tooth" captain or master warrant officer there that he can lean on. Similarly the troop sergeant has nearly the equivalent responsibilities of a troop sergeant major and the master bombardiers those of a sergeant in field gunnery terms. At every rank level leaders assume greater responsibilities than their field counterparts. Consequently air defence gunners face greater challenges at an earlier stage of their career. They must practise their leadership skills daily and often without in depth experience or advice from older peers as background to assist them. That's where the fun starts for the "senior echelon" — the battery commander and the battery sergeant major. There is no greater challenge than that of guiding youthful exuberance. Once the engines are fully revved and running smoothly someone has to keep the convoy on the right freeway. Need I say more?



The second beneficial aspect of air defence employment I wish to bring to light is the increased opportunity for all ranks to practice and develop a sound

ARTILLERY-DINOSAUR OR PHOENIX?

Master Warrant Officer (Mr Gnr) W. Fairbanks

Presently a Canadian Mechanised Brigade Group has one self propelled regiment fielding 24 medium howitzers (M 109 A3s) in close support. It takes a wartime establishment of 783 all ranks to control, man and maintain those 24 howitzers — an incredible manpower to killing power relationship for the uninitiated. This number of gunners can be decreased by the use of the fly-over principle as it presently exists in 4 CMBG, but, for realistic war planning, the ratio remains constant.

By the employment of the fly-over principle, skeleton staff in Germany maintains the equipment of the fly-over battery. On request and during hostilities, gunners from Canada will be airlifted to Europe and to their waiting, combat-ready equipment. The practical application of this principle bears reason for caution. It is a case of Peter robbing Paul since during mobilization trained troops would be sorely needed in Canada. The principle also necessitates absolute NATO air superiority over transatlantic routes and intact airfields at either end, a perhaps unreasonable assumption.

In retrospect to the manpower heavy artillery, the cavalry within the CMBG organization is capable of staffing 48 Main Battle Tanks (M.B.T.'s) and has the capability to employ 59 105 mm tank guns by using 691 All Ranks.

While gunners and troopers wrestle with the many common problems of maintenance and logistics, their tactical employment is vastly different and accounts for most of the manpower to firepower difference between the two arms.

Gunners not only employ an intricate and manpower consuming command and control system but are also ready to serve a call for supporting fire 24 hours a day. Their ammunition supply system is very costly in man-hours for running time and maintenance.

Troopers, due to the nature of their operations, maintain a better tank to support ratio in their M.B.T. (Saber) squadrons. Tanks are staffed by fewer men than guns and the Cavalry headquarters organization is not as intricate.

Comparisons in rôle, lethality of guns, etc., between M.B.T.'s and guns are not within the realm of this discussion.

It seems heresy for a gunner to knock the present organization scales, but when they are viewed with cold logic, away from the emotional involvements of Regimental loyalty, and with a lifetime experience of practical gunnery, scepticism becomes constructive criticism.

A question of priority must be asked first. Within the concept of mobile warfare, the lynch-pin of a CMBG, is it more important to either:

- keep the present establishment;
- keep the present artillery fire support system but man it with fewer gunners; or
- to increase the firepower at a proportionally less manpower demanding scale.

From the viewpoint of practical experience, I am able to say that the present system works reasonably well within the frame work of the before mentioned limitations.

It is possible to decrease manpower and to keep the present firepower under field conditions by streamlining operations. Manpower savings in the ammunition re-supply system, and even on the guns, are possible by employing better techniques. Guns and their ammunition vehicles must be treated as one unit, under no circumstance should an ammunition vehicle be permitted to hide itself in a distant wagon line. Guns and their ammunition are inseparable, not only does this principle avoid back-breaking double handling but it also strengthens the fighting capability of a battery. Re-supply is possible by the simple exchange of ammunition

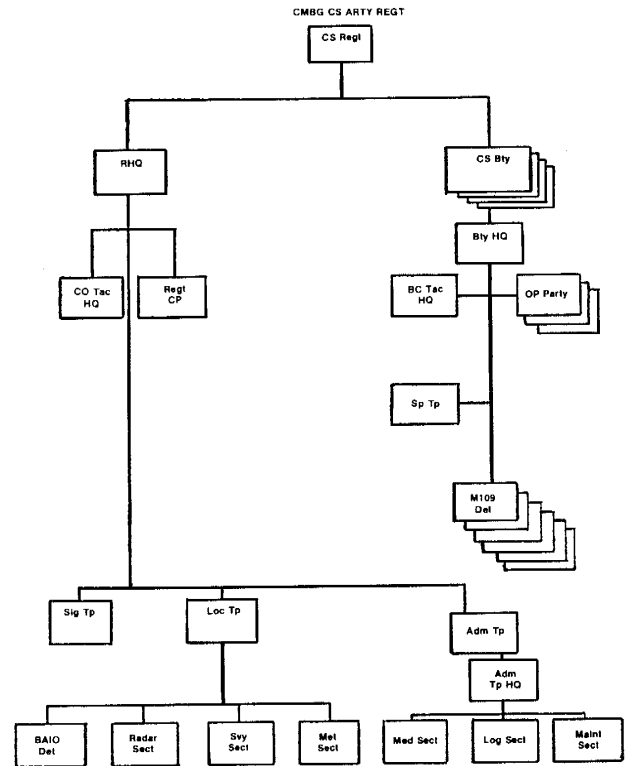
vehicles which is an uncomplicated logistical problem. An acknowledged problem of a decrease establishment is the housekeeping situation in garrison with fewer working ranks.

Is it feasible to up-gun existing firepower at very little manpower cost? The answer is obvious and affirmative.

Presently, a Close Support (C/S) battery staffs 151 all ranks (war establishment). They man six M 109 A3 howitzers which command a battery frontage of approximately 300 meters, a distance easily controlled by one command post. Alternate deployment techniques involving the splitting of resources can be used, but either way the firepower of the guns remains the same. More guns per battery and better use of present resources is the answer.

By the use of a hypothetical 10 guns per battery, the increased overhead in gun detachments, ammunition drivers, command post staff, cooks and mechanics is approximately 39 soldiers, a radio, gun to gunner of 1:9.5. The overall ratio with the hypothetical 10 guns per battery would improve to 1:18.9 at battery level and from 1:32.6 to 1:23.4 at regimental level.

An additional fifth battery would increase the firepower of a self-propelled artillery regiment even further. Five gun batteries per regiment must be considered maximum.



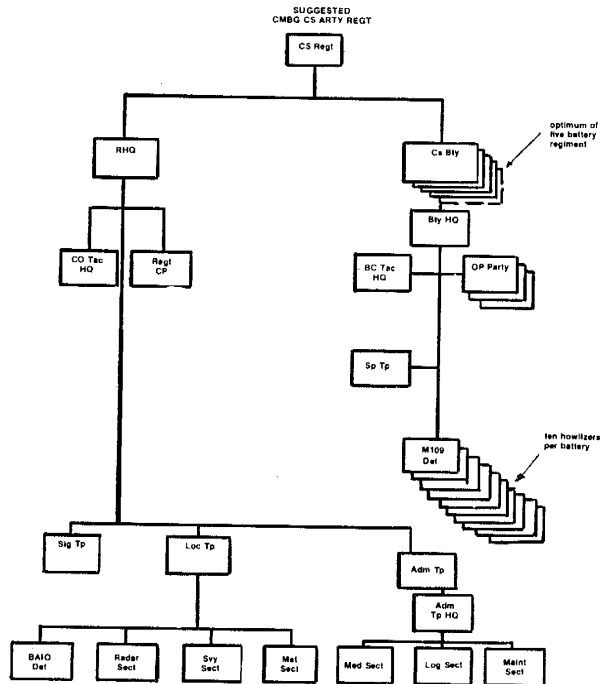
Present establishment of a CMBG C/S Artillery Regiment



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MWO (MrGnr) W. Fairbanks is serving with Defence Research Establishment Valcartier, Courcellette, Quebec. He contributed this article and the one on Defence Research Establishment Valcartier.

This article is timely in that it closely parallels some of the thinking conducted in formulating the new artillery organizational doctrine. The new doctrine which includes the two five gun troops per battery and the forty gun CS regiment is detailed in *Field Artillery Volume 1, Command Control and Employment (CFP 306 (1) Interim)* now being printed at FMCHQ for issue Spring 1983 -Ed.



Suggested establishment of a CMBG C/S Artillery Regiment

An artillery regiment of the proposed 935 All Ranks might be rather unwieldy. Even self-supporting batteries, dependent on "Regiment" only for Command, Control and basic logistics, are not the ultimate answer.

High technology must lead the way to the gunners future. Individual gun computers, already in use on the Vought Corporations MLR System, and semi-automatic gun laying along the lines of S.P.70 developments will automate gunnery. An integrated fire control system from the forward observer to Regimental CP, and to the guns, backed by a containerized, factory-loaded, combat-mixed ammunition package, and strong gun/ammunition vehicle combinations, ensure artillery of its rightful place on the battlefield.

Tacticians fully understand the trend towards high technology modernization. The U.S. Army is presently undergoing studies in their Human Engineering Laboratory battalion artillery tests (HELBAT 8) where new artillery concepts and weapons are tested.

Those U.S. Army HELBAT series are paving the way to automated artillery. A computerized Combat Artillery Package from target designator, to semi-automatic gun laying and loading, using latest technology in trajectory compensating systems, will be a productive, cost efficient and labour-saving way to survival.

The dollars and cents of a modern artillery package must be weighed against the improvements that can be made in already existing systems at very little cost. While "High Technology Artillery" is presently being developed, it is unlikely that Canada will adopt it in this century. The high cost of its already existing fleet of the M 109 family of self-propelled howitzers, and stocks of spare parts, will not permit it.

The logical answer to the problem is better use of present resources. The regiments of the Armoured Corps are already using this philosophy. It is the duty of Canadian gunners to give the taxpayer value for his defence dollar. In lieu of more efficient technology, a bigger and much more productive gun battery would certainly do it.

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**MAJOR-GENERAL J.J. ALYRE DOUCET
OMM CD**

Major-General Doucet was born November 12, 1929, at Robertville, N.B. He is a bachelor of arts graduate of Sacred Heart University (now integrated into the University of Moncton). He joined the Canadian Officers' Training Corps in 1948 while attending university and on graduation in 1950 transferred to the Special Force as an artillery officer. He then served with the 2nd Regiment, Royal Canadian Horse Artillery at Shilo, Man., Fort Lewis, Wash., Korea and Winnipeg.

In 1953-54 he attended the Artillery Staff Course at the Royal Canadian School of Artillery, Camp Shilo, and then served as a member of the school's instructional staff until November, 1958. In May, 1959 he completed the light aircraft pilot's course at Rivers, Man., and took up flying duties with 1 Air Observation Post Flight, Camp Petawawa, Ont.

His next assignment was in May, 1961, when he assumed staff officer duties in the directorate of artillery at Army Headquarters, Ottawa. In September, 1963, he was selected to attend Canadian Army Staff College, Kingston, Ont., and in November, 1964 was promoted major. On completion of the staff course in June, 1965 he returned to the School of Artillery as senior instructor in gunnery.

In 1967-68, Maj-Gen Doucet attended the United States Army Command and General Staff Colleges, Fort Leavenworth, Kansas. In June, 1968 he was appointed Canadian Forces liaison officer at the US Army Artillery School and Artillery Board, Fort Sill, Oklahoma. Promoted lieutenant-colonel in August, 1969, he returned to Canada as senior staff officer plans and operations at Headquarters, Quebec Region in Montreal.

Between June, 1970 and July, 1972 he was commanding officer, 5e Régiment d'artillerie légère du Canada, CFB Valcartier, Que. He next served as deputy commandant of the Combat Arms School at CFB Gagetown, N.B., and in 1973-74 attended National Defence College, Kingston, Ont.

He was promoted colonel in July, 1974 and the following month was assigned to Mobile Command Headquarters, St. Hubert, Que., as deputy chief of staff, operations and coordinator of Olympic support. In August, 1976 he was appointed branch chief of logistics plans at Central Army Group headquarters in Seckenheim, Federal Republic of Germany.

In December, 1976 Maj-Gen Doucet was appointed to the Order of Military Merit in the Grade of Officer, in recognition of conspicuous merit and exceptional

**LE MAJOR-GÉNÉRAL J.J. ALYRE DOUCET,
OMM, CD**

Le major-général Doucet est né à Robertville (N.-B.), le 12 novembre 1929. Il détient un baccalauréat des arts de l'Université du Sacré-Coeur, maintenant intégrée à l'Université de Moncton (N.-B.).

Il s'enrôle dans le corps-école d'officiers canadiens en 1948, alors qu'il fréquente l'université. Après avoir reçu son diplôme en 1950, il est affecté à la Force spéciale comme officier d'artillerie. Il sert ensuite dans le 2e Régiment de la Royal Canadian Horse Artillery, à Shilo (Man.), à Fort Lewis (Washington), en Corée et à Winnipeg.

En 1953-54, il suit le cours d'état-major d'artillerie à l'Ecole royale canadienne d'artillerie (ERCA), à Shilo, et y sert ensuite en qualité d'instructeur jusqu'en novembre 1958. En mai 1959, après avoir suivi le cours de pilotage d'avions légers, à Rivers (Man.), il est affecté au service navigant de la 1re Escadrille de poste d'observation, à Petawawa (Ont.). Il est ensuite officier d'état-major à la Direction de l'artillerie, au quartier général de l'Armée, à Ottawa, de mai 1961 à septembre 1963. Par la suite, il s'inscrit au Collège d'état-major de l'Armée canadienne, à Kingston (Ont.), et, en novembre 1964, il est promu major.

Plus tard, soit en juin 1965, il retourne à l'ERCA, à Shilo, comme instructeur principal d'artillerie. Puis, en 1967-1968, il étudie au United States Army Command and General Staff College, à Fort Leavenworth (Kansas). En juin 1968, il est nommé officier de liaison des Forces canadiennes auprès de la United States Army Artillery School et du United States Artillery Board, à Fort Sill (Oklahoma). Promu lieutenant-colonel en août 1969, il revient alors au Canada en qualité d'officier supérieur d'état-major (plans et opérations) au quartier général de la Région du Québec, à Montréal.

Il est ensuite muté à la base de Valcartier (Qué.) où il commande, de juin 1970 à juillet 1972, le 5e Régiment d'artillerie légère du Canada. Par la suite, il devient commandant adjoint de l'Ecole des armes de combat, à la base de Gagetown (N.-B.) et en 1973-1974, il étudie au Collège de la Défense nationale, à Kingston (Ont.).

Promu colonel en juillet 1974, il est affecté, le mois suivant, au quartier général de la Force mobile, à Saint-Hubert (Qué.) en qualité de chef adjoint d'état-major (opérations) et de coordonnateur des services de soutien aux jeux olympiques. Deux ans plus tard, il est nommé chef de bureau des plans logistiques, au quartier général du Groupe d'armée du Centre, à Seckenheim (République fédérale d'Allemagne).

En décembre 1976, le major-général Doucet se voit

military service.

On March 25, 1977, he was promoted brigadier-general and, on April 1, was appointed commander 5e Groupe-brigade du Canada and CFB Valcartier, Que. On July 1 of that year, he was also appointed commander-designate of the Canadian Brigade Group earmarked for service in Norway as part of NATO's Northern Command in the event of a conflict in Europe. Two years later, he was assigned to National Defence Headquarters in Ottawa and appointed chairman of the mobilization planning task force.

Maj-Gen Doucet was promoted to his present rank on May 8, 1981. On May 17, he was posted to NATO Headquarters, Brussels, Belgium, as chairman, military agency for standardization and assistant director, armaments standardization and interoperability.

décerner l'Ordre du Mérite militaire, grade d'officier, en reconnaissance de son service méritoire et de son dévouement au travail.

Promu brigadier-général en mars 1977, il prend alors le commandement du 5e Groupe-brigade du Canada et de la base de Valcartier. Le 1er juillet de la même année, il est aussi nommé commandant désigné du groupe-brigade canadien qui, en cas de conflit en Europe, servirait en Norvège comme membre du Commandement Nord Europe de l'Otan. L'été suivant, il devient président du groupe de travail sur la planification de la mobilisation, au Quartier général de la Défense nationale, à Ottawa.

Le major-général Doucet est promu à son grade actuel le 8 mai 1981, et, le 17, il est muté à Bruxelles en tant que président de l'Agence militaire de normalisation et directeur adjoint de la normalisation et de l'interopérabilité des armements.





**BRIGADIER-GENERAL
CLAYTON E. BEATTIE, CMM, CD**

Brigadier-General Beattie was born February 2, 1928 in Ottawa. He is a bachelor of arts graduate of Carleton University.

He joined the Canadian Officers' Training Corps in 1949 while attending university and received his commission in the Royal Canadian Artillery in October, 1950. On graduation in 1951 he underwent air defence and guided missile training at the Royal Canadian School of Artillery (Anti-Aircraft), Camp Picton, Ont., and then served as an instructor in radar and air defence systems.

From January, 1956 to October, 1957 he was based at North Bay as officer-in-command of Central Ontario training teams serving militia units in Northern Ontario. He then became commander of the Trials and Equipment Evaluation Battery at Camp Picton where he participated in the training and preparation of guided missile test teams.

Brig-Gen Beattie was selected to attend the Canadian Army Staff College at Kingston, Ont., in September, 1959 and in June, 1961 moved to Camp Petawawa, Ont., where he held a number of field appointments with the 4th Regiment, Royal Canadian Horse Artillery. He was promoted major in August, 1963 and served in staff positions at St. John's Nfld., and in Halifax, N.S., with Headquarters, Eastern Command.

During the period 1964 to 1965 he served a six-month tour of duty in Cyprus as an operations officer and in 1965-66 attended the one-year Artillery Staff Course at CFB Shilo, Man. Between September, 1966 and August, 1967 he served with the 1st and 2nd Regiments RCHA at CFB Gagetown, N.B.

Brig-Gen Beattie was then assigned to the operations and training staff of Mobile Command Headquarters at St. Hubert, Que., and in December, 1968, on promotion to the rank of lieutenant-colonel was named senior staff officer for standardization and combat development and subsequently senior staff officer artillery.

In August, 1970 he was posted to Canadian Forces Headquarters, Ottawa, where he served for two years, first as acting director of land operational training and readiness and then senior staff officer for current plans and operations.

Promoted colonel on June 1, 1972 he returned to Cyprus as deputy chief of staff of United Nations Force in Cyprus (UNFICYP) and commander of the Canadian Contingent. He was promoted to his present rank in October, 1974 and served as chief of staff of UNFICYP and commander of the Canadian Contingent until October

**LE BRIGADIER-GÉNÉRAL
CLAYTON E. BEATTIE, CMM, CD**

Le brigadier-général Beattie est né le 2 février 1928, à Ottawa. Il détient un baccalauréat des arts de l'Université Carleton.

Encore étudiant, il s'engage dans le Corps-école d'officiers canadien en 1949, et reçoit son brevet d'officier dans l'Artillerie royale du Canada, en octobre 1950. Il obtient son diplôme en 1951 et suit des cours sur la défense anti-aérienne et les engins téléguidés à l'Ecole royale canadienne d'artillerie (anti-aérienne), au Camp Picton (Ont.), et sert ensuite en qualité d'instructeur des systèmes de radar et de défense anti-aérienne.

De janvier 1956 à octobre 1957, il est affecté à North Bay en qualité d'officier responsable des équipes d'entraînement du centre de l'Ontario desservant les unités de la milice du nord de l'Ontario. Il est ensuite nommé commandant de la Batterie d'essais et d'évaluation de l'équipement au Camp Picton où il participe à l'instruction et à la préparation des équipes de mise à l'essais des engins téléguidés.

Le brigadier-général Beattie est choisi, en septembre 1959, pour fréquenter le Collège d'état-major de l'Armée canadienne à Kingston (Ont.) et est ensuite affecté, en juin 1961, au camp de Petawawa où il occupe un certain nombre de postes de campagne dans le 4e régiment, Royal Canadian Horse Artillery. Il est élevé au grade de major, en août 1963, et occupe divers postes d'état-major à Saint-Jean (T.-N.) et à Halifax (N.-E.) au quartier général du Commandement de l'Est.

De 1964 à 1965, il sert six mois à Chypre en qualité d'officier des opérations et, en 1965-1966, il suit le cours d'état-major d'artillerie, à la base de Shilo (Man.). De septembre 1966 à août 1967, il est affecté auprès des 1er et 2e régiments RCHA à la base de Gagetown (N.-B.).

Le brigadier-général Beattie est ensuite affecté à l'état-major des opérations et de l'instruction du quartier général de la Force mobile, à Saint-Hubert (Qué.). Promu lieutenant-colonel en décembre 1968, il est nommé officier supérieur d'état-major (normalisation et planification de combat) et ensuite officier supérieur d'état-major (artillerie).

En août 1970, il est affecté pour une période de deux ans au Quartier général des Forces canadiennes, à Ottawa, d'abord à titre de directeur intérimaire de l'instruction opérationnelle et de l'état de préparation des opérations terrestres, puis comme officier supérieur d'état-major pour les plans et les opérations en cours.

Il est promu colonel le 1er juin 1972 et retourne à Chypre en qualité de sous-chef d'état-major de la Force

1976.

His tour of service in Cyprus with the UN included the period of hostilities following the Turkish invasion in 1974. As deputy chief of staff during that tour he was principal staff officer involved in planning the move of 600 UNFICYP troops to Egypt in October, 1973 to establish the United Nations Emergency Force. He supervised the lead elements which began the move on 26 October 1973 and was then involved in effecting follow-up planning and support for expansion of that force. In 1974 after resuming his Cyprus tour, he was the UN member of the military committee which met in Cyprus to define the demarcation line as a basis for negotiations in Geneva.

In recognition of his service during hostilities in Cyprus, he was appointed to the Order of Military Merit in the Grade of Commander in June, 1975.

Brig-Gen Beattie became commander of CFB Borden, Ont., October 18, 1976 and in July, 1978 assumed command of Northern Region with headquarters in Yellowknife, N.W.T.

On February 9, 1979 Brig-Gen Beattie received the A.D. Dunton Alumni Award from the Alumni Association of Carleton University. Brig-Gen Beattie is the third recipient of the award, which on this occasion was given for his "outstanding achievement" in the field of peacekeeping.

In May, 1979 he was admitted to the Order of St. John as a Serving Brother.

In April, 1980 he was named director general, policy planning at National Defence Headquarters, Ottawa, and assumed his new duties in August. He retired in 1982.

des Nations unies à Chypre (FNUC) et de chef du contingent canadien. Il est élevé à son grade actuel en octobre 1974 et remplit les fonctions de chef d'état-major de la FNUC et de chef du contingent canadien jusqu'au mois d'octobre 1976.

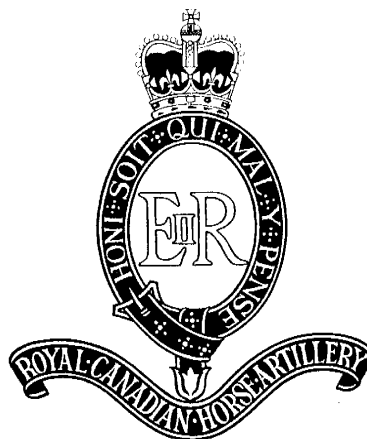
Il est en service à Chypre pendant la période d'hostilités qui suit l'invasion turque de 1974. En qualité de sous-chef, il est le principal officier d'état-major à participer en octobre 1973 à la planification de l'affectation des 600 soldats de la FNUC en Egypte, afin de mettre sur pied la Force d'urgence des Nations unies au Moyen-Orient. Il dirige le transport des premiers éléments, le 26 octobre 1973, et participe à la planification et au soutien visant à accroître cette force. Après cette période de service à Chypre, il représente l'ONU en 1974, aux comités militaires chargés de définir la ligne de démarcation qui servira de point de départ pour les négociations de Genève.

En reconnaissance de son service méritoire lors des hostilités à Chypre, il reçoit l'Ordre du Mérite militaire, grade de commandeur, en juin 1975.

Le brigadier-général Beattie devient commandant de la base de Borden (Ont.) le 18 octobre 1976 puis, en juillet 1978, il prend le commandement de la Région du Nord, à Yellowknife (T.N.-O.).

Le 9 février 1979, le brigadier-général Beattie reçoit la A.D. Dunton Alumni Award décernée par l'Alumni Association of Carleton University. Il est le troisième récipiendaire de cette récompense qui lui a été donnée en reconnaissance de ses "réalisations exceptionnelles" dans le domaine du maintien de la paix. En mai de la même année, il est admis dans l'Ordre de Saint-Jean, à titre de Frère servant.

En avril 1980, il est nommé directeur général de la planification des politiques, au Quartier général de la Défense, à Ottawa. Il entre en fonctions en août. Il a pris sa retraite en 1982.





**Colonel
Michael D. Calnan, CD**

Colonel Michael David Calnan was born on the 20th July, 1932, in Grafton, Ontario. He was a cadet while attending Cobourg Collegiate Institute and began his military service in the Royal Regiment of Artillery in September, 1950, as a Gunner in the 33rd Medium Regiment RCA(M), a towed 5.5 inch regiment. In May, 1951, he was selected to attend the Canadian Officer Training Corps, Method B, course at the Royal Canadian School of Artillery in Shilo, Manitoba and was commissioned a lieutenant on the 25th December, 1951.

After completion of high school, he was called out in July, 1952, first at HQ, Camp Petawawa, and then with the RCA(AA) in Picton, Ont. In January, 1953, he transferred to the regular force and reverted to officer cadet. He took OCP Phase III with 2RCHA in Winnipeg and on completion of Phase IV at the RCSA in May 1953 was commissioned a second time, this time as a Second Lieutenant.

His first posting was to Z Bty (Para) in Shilo and, on completion of the parachute course, he joined the 4.2 inch mortar battery during its four month summer concentration in Wainwright, Alta. Parachuting, winter exercises in Fort Churchill, and attendance at the Subalterns Long Course at RMC in 1954, preceded his promotion to Lieutenant in July 1955. Upon promotion, he was posted to HQ RCA, 1 Cdn Infantry Division in Petawawa as Staff Learner, Royal Artillery and participated in the first divisional exercises to be held in the new Camp Gagetown.

In 1957, he was the top student on the Long Technical Gunnery Course at RCSA and in September, 1957, was posted to A Bty, 1 RCHA as GPO B Troop in Winnipeg. He sailed with the regiment to Fort Prince of Wales in Deilinghofen, West Germany in November, 1957. In 1958, Lieutenant Calnan became CPO of A Bty followed by a tour as Intelligence Officer in 1959; during this time, he attained a distinguished grading on his promotion exams. In July, 1960, upon promotion to Capt, he joined the advance party for the regiment's rotation to Gagetown as Adjutant. When rotation was completed in September, Captain Calnan was posted to HQ 3CIBG in Gagetown as Staff Captain Q, a position he held for three years.

He then returned to A Bty, 1 RCHA, Gagetown, first as Tp Comd A Tp, then as RCPO. In November, 1964, he was

**Le Colonel
Michael D. Calnan, CD**

Le colonel David Calnan est né le 20 juillet 1932 à Grafton en Ontario. Il est cadet au moment où il étudie au Cobourg Collegiate Institute et il entreprend son service militaire avec le Royal Regiment of Artillery en 1950 comme artilleur dans le 33e Régiment d'artillerie moyenne RCA(M), un régiment pour pièces 5.5 pouces remorquées. Il est choisi en mai 1951 pour le cours de méthode B du Corps-école d'officiers canadien donné à l'Ecole royale canadienne d'artillerie à Shilo, au Manitoba, et il reçoit son brevet de lieutenant le 25 décembre 1951.

A la fin de ses études secondaires, il est appelé en service en juillet 1952 d'abord au QG du camp Petawawa, ensuite avec le RCA (AA) à Picton en Ontario. En janvier 1953, il passe à la Force régulière et il redevient élève-officier. Il participe au programme d'instruction à l'intention des aspirants-officiers, phase III, avec le 2e Régiment du RCHA à Winnipeg et lorsqu'il termine la phase IV à l'Ecole royale canadienne d'artillerie en 1953, il reçoit pour la deuxième fois son brevet d'officier, cette fois à titre de sous-lieutenant.

Sa première affectation l'amène à la batterie Z (Parachutistes) à Shilo et, à la fin de son cours de parachutiste, il se joint à la batterie de mortiers 4.2 pouces au cours de la concentration d'été d'une durée de quatre mois à Wainwright, en Alberta. Il participe à des missions de parachutistes, à des exercices d'hiver à Fort Churchill ainsi qu'au cours pour les subalternes au RMC avant d'obtenir en juillet 1955 son grade de lieutenant. Au moment de sa promotion, il est affecté au QG RCA, 1ère Division canadienne d'infanterie à Petawawa comme stagiaire à l'état-major, Artillerie royale, et il participe aux premiers exercices de division au nouveau camp Gagetown.

En 1957, il se classe premier dans le Long Technical Gunnery Course à l'Ecole royale canadienne d'artillerie et, en septembre 1957, il est affecté à la batterie A du 1er RCHA comme officier de tir de la troupe B à Winnipeg. En novembre 1957, il prend la mer avec le régiment pour aller au Fort Prince of Wales à Deilinghofen en Allemagne de l'Ouest. En 1958, le lieutenant Calnan devient OPC de la Batterie A et ensuite officier du renseignement en 1959; au cours de cette période, il se mérite une mention distinguée aux examens de promotion. Lors de sa promotion au grade de capitaine, en juillet 1960, il est

appointed Bty Comd H Bty winning the regimental "Quick-Action" competition with 155 towed howitzers in the spring of 1965 as well as attaining a distinguished grading on his promotion exams.

In 1965-66 Captain Calnan attended the Canadian Army Staff College where he was promoted to Major in February, 1966, and graduated in July with an "A" grading. In August, 1966, he was appointed GS02 Operations of 1 (BR) Infantry Division in Verden, West Germany.

In August, 1968, Major Calnan was appointed Bty Comd G Bty 3RCHA in Winnipeg; and, as part of the Ace Mobile Force, G Bty attended the Force Artillery concentration in the spring of 1969 in Germany and Belgium, winning the Barbara Cup, a first for Canada.

In July, 1969, he was promoted LCol to command 1 RCHA in Deilinghofen, West Germany. During his command, his major endeavour was to successfully retain a three-battery regiment when original direction was to reduce to two. Also, at this time, the regiment exchanged its brass and battledress for greens and was the first unit of 4CMBG to move to Lahr in November, 1970.

In July, 1971, he was appointed SSO Ops, 4CMBG in Lahr, returning to Canada in July 1973, as a senior staff officer in the Directorate of Land Operations in NDHQ, Ottawa. In Sept., 1974, he was promoted Colonel and in November attended French Language training until appointed Base Commander CFB Shilo in July 1975. To the many who wonder, Colonel Calnan named the Deilinghofen Range in Shilo to commemorate the seventeen years of Royal Regiment service in that German village.

Colonel Calnan returned to NDHQ in 1977 as a senior evaluation analyst in the policy group. In January, 1979, he was appointed Chairman of an Ammunition Task Force and special assistant to the Deputy Chief of the Defence Staff. In July, 1980, he was appointed Director Operational Guidance Coordination and will become Director General Ammunition in August, 1983.

Colonel Calnan is married to Barbara Cully, formerly of Pembroke, Ontario. They have four children: Michael, a Lt in 2RCHA, Susan in Toronto, Patrick and Janice at home in Manotick, Ontario.

rattaché, comme capitaine adjudant, au détachement avancé dans le cadre du déménagement du régiment à Gagetown. A la fin de la réorganisation en septembre, le capitaine Calnan est affecté au QG 3e GBIC à Gagetown comme capitaine d'état-major — Logistique, poste qu'il occupe pendant trois ans.

Il revient ensuite à la Batterie A du 1er RCHA à Gagetown, d'abord comme commandant de la troupe A, ensuite comme OPCR. En novembre 1964, il est nommé commandant de la Batterie A et gagne, au printemps de 1965, la compétition régimentaire de mise en batterie rapide avec obusiers remorqués de 155 tout en obtenant une mention de distinction à ses examens de promotion.

En 1965-1966 le capitaine Calnan étudie au Collège d'état-major de l'armée canadienne où il est promu major en février 1966 et obtient son diplôme avec la note "A" en juillet. Il est nommé Officier du service général 2 — Opérations en août 1966 et est détaché auprès de la 1ère Division d'infanterie à Verden en Allemagne de l'Ouest.

En août 1968, le major Calnan est nommé commandant de la batterie G du 3e RCHA à Winnipeg et, intégrée à la Force mobile du commandement allié en Europe, celle-ci participe à la concentration de la Force d'artillerie au printemps de 1969 en Allemagne et en Belgique où elle remporte le Trophée Barbara, une première pour le Canada.

Il est promu lieutenant-colonel en juillet 1969 et devient commandant du 1er RCHA à Deilinghofen en Allemagne de l'Ouest. Pendant son mandat, sa principale préoccupation fut de réussir à conserver un régiment de trois batteries alors qu'on ne prévoyait au départ qu'un régiment de deux batteries. Le régiment devait à cette époque troquer ses boutons de cuivre et sa tenue de combat pour l'uniforme vert, et il devenait la première unité du 4e GBMC à se rendre à Lahr en novembre 1970.

En juillet 1971, il est nommé OSEM Opérations auprès du 4e GBMC à Lahr et il revient au Canada en 1973 pour occuper le poste d'OSEM à la Direction des opérations terrestres au QGDN, à Ottawa. En septembre 1974, il est promu colonel et en novembre, il participe au cours de langue française jusqu'à sa nomination au poste de commandant de la base, BFC Shilo en juillet 1975. Pour ceux qui se posent la question, c'est le colonel qui a baptisé le champ de tir de Shilo du nom de Deilinghofen, pour commémorer les dix-sept années que le Royal Regiment a passées dans ce village allemand.

Le colonel Calnan revient au QGDN en 1977 comme analyste supérieur à l'évaluation, groupe de la politique. En janvier 1979, il est nommé président du Groupe de travail sur les munitions et adjoint spécial auprès du Sous-chef de l'état-major de la Défense. En juillet 1980, il est nommé Directeur — Coordination des lignes de conduite opérationnelles et devient, en 1983, directeur général — Munitions.



**ROYAL REGIMENT OF CANADIAN ARTILLERY CENTRAL FUNDS
FINANCIAL STATEMENT AS OF 29 OCTOBER 1982**

**RCA NPP KIT SHOP
BALANCE SHEET
AS AT 29 OCTOBER 1982**

ASSETS	
Current Account	\$ 20,443.19
Saving Account	2,890.49
Investments	15,000.00
Accounts Receivable	19,341.19
Inventory - Kit Shop	\$ 61,887.94
(See Schedule Three)	
- Cdn Gunner	<u>1,656.72</u>
	63,544.66
TOTAL ASSETS:	<u><u>\$121,219.53</u></u>
LIABILITIES AND CAPITAL	
Liabilities -	
Accounts Payable - Cdn Gunner	\$ 1,656.72
Capital -	
Reserve	10,000.00
Capital begin	\$ 89,027.27
Capital end	<u>20,535.54</u>
	109,562.81
TOTAL LIABILITIES AND CAPITAL:	<u><u>\$121,219.53</u></u>

Postage - Revenue	1,369.20
Less: Expenses	<u>2,262.29</u>
Net Expense:	893.09
Miscellaneous	<u>478.35</u>
Total General Expenses:	<u><u>\$ 10,954.16</u></u>

**SCHEDULE TWO
RCA KIT SHOP
MISC REVENUE
FOR FY 28 OCTOBER 81 — 29 OCTOBER 82**

Adjustment to Bank	
- reconcile to statements	\$ 12.70
Bank overage	.44
Recovered expenses	12.50
Cash overage	41.85
Interest	1,884.91
Engraving	3,135.50
Sales Tax Commission	<u>158.27</u>
Total Miscellaneous Revenue:	<u><u>\$5,246.17</u></u>

**RCA NPP KIT SHOP
INCOME STATEMENT
FOR FY 28 OCTOBER 81 - 29 OCTOBER 82**

SALES	\$114,875.83
Less:	
Cost of Goods Sold	
Inventory - begin	\$ 54,885.77
Add: Purchases	<u>95,634.47</u>
Goods available for sale	\$150,520.24
Less: Inventory - end	<u>61,887.94</u>
Total Cost of Goods Sold	<u>88,632.30</u>
Gross Profit	\$ 26,243.53
Add: Misc Revenue (Schedule Two)	<u>5,246.17</u>
Total Revenue:	\$ 31,489.70
Less: Misc Expense (Schedule One)	<u>10,954.16</u>
Net Profit:	<u><u>\$ 20,535.54</u></u>

**SCHEDULE THREE
RCA KIT SHOP
FOOTNOTE TO BALANCE SHEET**

Items have been requested for write-off:	
Misc items	\$ 212.43
Belt Buckle and Brass Shield	<u>806.01</u>
Total:	<u><u>\$1,018.44</u></u>

**RCA OFFICER'S REGIMENTAL FUND
BALANCE SHEET AS AT 29 OCTOBER 1982**

ASSETS	
Accounts Receivable	\$ 855.86
Bank	3258.58
Investments	<u>16400.00</u>
TOTAL ASSETS	<u><u>\$ 20514.44</u></u>
LIABILITIES AND CAPITAL	
Liabilities	
Accounts Payable to RCAA	\$ 394.00
Capital	
Appropriated as Reserve	11300.00
Capital - Begin	\$ 7969.20
Plus: Gain for Period	<u>851.24</u>
Capital - End	<u>8820.44</u>
Total Capital	<u>20120.44</u>
TOTAL LIABILITIES AND CAPITAL	<u><u>\$ 20514.44</u></u>

**SCHEDULE ONE
RCA KIT SHOP
GENERAL EXPENSES
FOR FY 28 OCTOBER 81 - 29 OCTOBER 82**

Telephone	\$ 698.93
Pitney Bowes	549.25
Unit Donation Expense —	
Battle School	500.00
3 RCHA	3,000.00
Museum	1,284.74
Arty School Write-off	1,106.00
D Arty	<u>194.45</u>
Total:	6,085.19
Bank Svc Charges	15.75
Travel Expenses	176.51
Express Charges	1,104.59
Memorials	91.50
Wages	200.00
Insurance	670.00

**RCA OFFICER'S REGIMENTAL FUND
INCOME STATEMENT
FOR FISCAL YEAR 28 OCTOBER 81 — 29 OCTOBER 82**

INCOME	
Net Income — Canadian Gunner \$ (1611.61) (See Schedule One)	
Subscriptions	4554.28
Interest	2445.80
Cash O/S	1.40
RCA NPP Central Fund Credit	427.50
Bank overage	<u>.25</u>
TOTAL INCOME	\$ 5817.62
EXPENSES	
Retirement Gifts	\$ 335.52
Postage	19.94
Functions attended - Regt Adj	30.00
Wages	200.00
Grant to RCA Band	1000.00
Payment — William Scully	415.00
Travelling Expenses	<u>3.00</u>
TOTAL EXPENSES	<u>2003.46</u>
NET PROFIT FOR PERIOD BEFORE EXTRAORDINARY ITEMS	\$ 3814.16
EXTRAORDINARY ITEMS	
Add: Unrealized gain - inventory Cdn Gunner	\$ 677.73
Less: Loss - Cdn Gunner - (past years) - Necessary to close out debit capital balance to Kit Shop	(3640.65)
TOTAL EXTRAORDINARY ITEMS	<u>(2962.92)</u>
NET Gain AFTER EXTRAORDINARY ITEMS	<u>\$ 851.24</u>

**SCHEDULE ONE
RCA OFFICER'S REGIMENTAL FUND
CANADIAN GUNNER
FOR FISCAL YEAR 28 OCTOBER — 29 OCTOBER 82**

INCOME	
Sales - collected	\$ 4137.89
- credit	<u>1990.73</u>
TOTAL INCOME	\$ 6128.62
EXPENSES	
Postage	\$ 493.73
BJL	150.00
Write - off	11.50
Printing	<u>7085.00</u>
TOTAL EXPENSES	<u>\$ 7740.23</u>
NET LOSS	<u>\$ (1611.61)</u>

**RCA SERGEANT'S REGIMENTAL FUND
BALANCE SHEET AS AT 29 OCTOBER 82**

ASSETS	
Bank	\$ 2449.18
Investments	10400.00
Accounts Receivable	<u>(37.13)</u>
TOTAL ASSETS	<u>\$ 12812.05</u>
LIABILITIES & CAPITAL	
Liabilities	
Accounts Payable	\$ 241.12
Capital	
Appropriation to Reserve	5000.00
Opening Balance	\$ 4826.93
Gain (Loss) for Year	2744.10
Capital as at 29 Oct. 82	<u>7571.03</u>
TOTAL LIABILITIES & CAPITAL	<u>\$ 12812.05</u>

**RCA SERGEANT'S REGIMENTAL FUND
SUMMARY OF ACTIVITIES
FOR THE FY - 28 OCTOBER 81 — 29 OCTOBER 82**

INCOME	
Bank Adjustment	\$ 1.80
Subscriptions	1953.00
Interest (Saving Account)	264.89
Interest on Investment	<u>1541.36</u>
	\$ 3761.05
EXPENSES	
Loss Deposit	\$ 10.00
Wages	200.00
Retirement	191.75
Grants	600.00
Postage	13.95
Service Charge	<u>1.25</u>
	\$ 1016.95
Gain for Period	<u>\$ 2744.10</u>

**RCA MUSEUM
SUMMARY OF ACTIVITIES
FOR THE FISCAL YEAR
28 OCTOBER 81 — 29 OCTOBER 82**

INCOME	
RCA NPP Donation - 1982	\$ 2052.00
RCA NPP Donation - 1981	1284.74
Interest on Saving Account	479.25
Donations (Others)	39.54
Grants	<u>1827.00</u>
	\$ 5682.53
EXPENSES	
Purchase Books	\$ 259.97
Membership	56.00
Miscellaneous Expenses (see schedule one)	889.22
Col COMD Picture Costs	609.55
Service Charges	<u>32.75</u>
	1847.49
NET PROFIT	<u>\$ 3835.04</u>

**RCA MUSEUM
BALANCE SHEET
AS AT 28 OCTOBER 82**

ASSETS	
Accounts Receivable	\$ 2052.00
Bank	4526.76
	<u>\$ 6578.76</u>
LIABILITIES AND CAPITAL	
Liabilities	
Accounts Payable	\$ 139.40
Capital	
Capital Begin	\$ 2604.32
Add: Net Profit	3835.04
Capital End	<u>\$ 6439.36</u>
TOTAL LIABILITIES AND CAPITAL	<u>\$ 6578.76</u>

**SCHEDULE ONE
RCA MUSEUM
MISCELLANEOUS EXPENSES
FOR THE FISCAL YEAR
28 OCTOBER 81 — 29 OCTOBER 82**

Dry Cleaning	\$ 88.00
RCA NPP Central Funds Purchases	193.32
Donations	332.40
Procurements Costs (Artifacts)	195.50
Travelling Expenses	5.00
Engraving Trophy	50.00
Attending Conferences	25.00
	<u>\$ 889.22</u>

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OFFICERS LOCATION LIST
(as of 31 Dec 82)

MGen Baker DR, DComd FMC St Hubert
MGen Doucet JJA, NATO HQ Brussels

BGen Beaudry RP, Comd 5 GBC Valcartier
BGen Cotter JA, Comdt CLFCSC Kingston
BGen Heitshu RG, NDHQ Ottawa

Col Archambault JHLC, CFB Shilo
Col Bouvette JP, DRS Ottawa
Col Calnan MD, DCDS Ottawa
Col Crosman JE, RSS Vancouver
Col Fleming JC, FMCHQ Montreal
Col Hirter GR, CFCSC Toronto
Col Hurley RG, CFB Gagetown
Col James RK, NDC Kingston
Col MacInnis JA, NDC Kingston
Col Simonds CR, CIS Ottawa
Col Walters DJ, C Eval Ottawa
Col Ward JO, Seclist Misc Ottawa
Col Wellsman WD, DCDS Ottawa
Col Wheatley HR, DLR/D Arty Ottawa

LCol Beare AK, CFB Calgary Det Camp Wainwright
LCol Beno EB, 2 RCHA Petawawa
LCol Berezowski JC, DCDS Ottawa
LCol Brown MC, CDLS Washington, US
LCol Chamberlain RJ, CFB Gagetown
LCol Coroy AV, DCDS Ottawa
LCol Dallaire RA, RSS Montreal
LCol Davidson JA, CFB Shilo
LCol Decker GA, PMO LLAD Ottawa
LCol Donahue JJ, CFLO ESTB Washington, US
LCol Elrick RG, CF Liaison II (GE) Korps ULM, GE
LCol Fitzgerald DC, Wash & Prim Stdzn Washington, US
LCol Guiler TJ, 3 RCHA Shilo
LCol Guy GM, AFCENT HQ Staff Brunssum Netherlands
LCol McGibbon DB, DCDS Ottawa
LCol McGrath BTN, CFRS Cornwallis
LCol Mialkowski CJ, CLFCSC Kingston
LCol Mintz LT, 1 RCHA Lahr
LCol Mitchell RB, DLR 2 Ottawa
LCol Namiesniowski CA, ADM (POL) Ottawa
LCol Oehring GJ, DCDS Ottawa
LCol Reid BA, CFLO ESTB TRADOC Ft Monro VA, USA
LCol Rouleau JGVN, 5 RALC Valcartier
LCol Schott DG, FMCHQ Montreal
LCol Schrader EL, RSS Toronto
LCol Sparling TAH, CFCSC Toronto
LCol Stephenson BE, RZHQ Toronto
LCol Tattersall JER, CFB Borden
LCol Thompson HD, Centag HQ Seckenheim
LCol Thompson RV, CDLS London, UK
LCol Trimble GW CPD Ottawa
LCol Walton DB, RCSA Gagetown
LCol West LE, ADM (POL) Ottawa
LCol Wheeler T, Centag HQ Seckenheim

Maj Adams EJ, CFB Chilliwack Vancouver
Maj Adkins LC, DRA Woolwich, UK
Maj Armstrong RB, LEOP TK AUGMT Ottawa
Maj Bernier JMN, CFRC Sudbury
Maj Bianco DB, CTC Gagetown
Maj Boucher JLHL 5 RALC Valcartier
Maj Boudreau, JNGG FMCHQ Montreal
Maj Bowles AB, RSS Ottawa
Maj Branum LA, CFB Winnipeg
Maj Brewster TE, CFCSC Toronto
Maj Briscoe JD, 2 RCHA Petawawa

Maj Bryce JE, CFLS Ottawa
Maj Carnell AW, RCSA Gagetown
Maj Cheadle WB, MARPAC HQ Victoria
Maj Clark MF, CDLS Washington, USA
Maj Connolly NH, DCDS Ottawa
Maj Court AK, CFSS Toronto
Maj Culligan JP, FMCHQ Montreal
Maj Dorman JA, CFB Gagetown
Maj Douglas WJ, CDN ELM UNTSO, Jerusalem
Maj Doyon JRR, CTC Gagetown
Maj Earl BG, ATCCDS AUGMT Ottawa
Maj Elrick DA, SECLIST Suffield
Maj Emery WA, CFB Esquimalt
Maj Filonik W, CFTS HQ Trenton
Maj Fleury JJG, DCDS Ottawa
Maj Fraser JJ, DPCO Arty Ottawa
Maj Gallant AG, RSS Saint John
Maj Garneau JP, RSS Montreal
Maj Gauthier JJB, CFOCS Chilliwack
Maj Gee WF, RCSA Gagetown
Maj Gibbons IW, DCDS Ottawa
Maj Glover RG, LEOP Tk Augmt Ottawa
Maj Green SD, SECLIST Shilo
Maj Greenizan OL, STANREP Australia
Maj Gronbeck Jones DA, DCDS Ottawa
Maj Hague EC, CPCSA Ottawa
Maj Hague KC, 5 RALC Valcartier
Maj Hamilton BA, CFCSC Toronto
Maj Hodgson RP, NRHQ Yellowknife
Maj Hopper DR, RSS Vancouver
Maj Hoyland R, CTC Gagetown
Maj Hull NF, ORAE Ottawa
Maj Hyman DG, DCDS Ottawa
Maj Hyslop RM, CDN ELM UNTSO, Jerusalem
Maj Itani TT, CENTAG HQ Seckenheim, GE
Maj Jeffery MK, 1 RCHA Lahr
Maj Johnston WR, NDC Rome
Maj Kennedy JC, FMCHQ Montreal
Maj Kerr GD, RMC Kingston
Maj Knapp JB, RCA Battle School Shilo
Maj Krauter JDL, CFCSC Toronto
Maj Kyle RG, CTC Gagetown
Maj LaForge FK, 3 RCHA Shilo
Maj Lapointe JB, DCDS Ottawa
Maj Learmonth PR, RRCM Victoria
Maj Lees BM, 5 RALC Valcartier
Maj Lemieux JMR, CFCSC Toronto
Maj Lockridge DA, CFLO Ft. Sill, USA
Maj Logan G, RSS Toronto
Maj MacNeil WR, MARCOM HQ Halifax
Maj Marceau JAGP, FMCHQ Montreal
Maj McKay JA, CIS Ottawa
Maj McLaughlin DN, USACGSC Ft. Leavenworth KN, USA
Maj McLellan HA, ADM (Fin) Ottawa
Maj Miller JE, DCDS Ottawa
Maj Moogk CA, DREV Valcartier
Maj Moreside DS, 1 RCHA Lahr
Maj Morrison MB, 3 RCHA Shilo
Maj Mundell HP, 3 RCHA Shilo
Maj Palmer AZ, 4CMBG HQ and Sig Sqn Lahr
Maj Peterson DE, 2 RCHA Petawawa
Maj Phillips DJ, 5 RALC Valcartier
Maj Pleasance JR, CFLS Ottawa
Maj Ross DL, DCDS Ottawa
Maj Saunders BC, Army Staff College Camberley, UK
Maj Sawatzki GH, ORAE Ottawa
Maj Scott GD, Ex Duty Larkhill UK
Maj Scott WM, RSS Winnipeg

Maj Selman RJM, FMCHQ Montreal
 Maj Smith GR, DCDS Ottawa
 Maj Soucie WJ, 2 RCHA Petawawa
 Maj Stewart JC, 3 RCHA Shilo
 Maj Takahaski SS, DCDS Ottawa
 Maj Tolson SM, CFCSC Toronto
 Maj Trepanier JG, FMCHQ Montreal
 Maj Walker GM, 1 RCHA Lahr
 Maj Wallace RK, CFLO Ft. Bliss, TX, USA
 Maj Watling WR, CFB Shilo
 Maj Wilson AJ, CFB Shilo
 Maj Wilson RS, CFLO Dover, NJ, USA

 Capt Arp J, 2 RCHA Petawawa
 Capt Aubin FM, RCA Battle School Shilo
 Capt Auger HM, USAFAS Ft. Sill, OK, USA
 Capt Bablitz CW, RSS Brandon
 Capt Balma RA, RSS Ottawa
 Capt Banks RJ, CFB Shilo
 Capt Barabe JGJC, 1 RCHA Lahr
 Capt Barnes SC, CTC Gagetown
 Capt Beardmore RJ, RRCM Victoria
 Capt Beese JW, ADM (Fin) Ottawa
 Capt Bezeau MV, DG EXEC Sec Ottawa
 Capt Boissonneault JGS, 1 RCHA Lahr
 Capt Bonnet MF, 5 RALC Valcartier
 Capt Brake FB, 1 RCHA Lahr
 Capt Brynkus WJ, RSS Levis
 Capt Bulloch JR, 3 RCHA Shilo
 Capt Burnford RH, CTC Gagetown
 Capt Burrridge JS, 3 RCHA Shilo
 Capt Campbell EG, 2 RCHA Petawawa
 Capt Cantin PER, CMR St Jean
 Capt Capstick MD, 1 RCHA Lahr
 Capt Carroll AP, AIRCOM HQ Winnipeg
 Capt Carter AG, RSS Edmonton
 Capt Chamberland CZJ, BFC Valcartier
 Capt Chaplin AB, 5 RALC Valcartier
 Capt Chartres JP, CFSS Toronto
 Capt Chupick DM, CTC Gagetown
 Capt Cockram RE, CFB Shilo
 Capt Cooney AB, CFB Borden
 Capt Cote JYR, CMR St Jean
 Capt Cotter CL, FMCHQ Montreal
 Capt Couture JBA, 5 RALC Valcartier
 Capt Crawford DJ, CFB Esquimalt
 Capt Crosman JDE, FMCHQ Montreal
 Capt Crosman PD, SSF HQ and Sig Sqn Petawawa
 Capt Curry RC, CTC Gagetown
 Capt Davis GWK, CTC Gagetown
 Capt Davis SM, DPCOR Arty, Ottawa
 Capt Dick JB, CTC Gagetown
 Capt Donnelly BE, CPCS A Ottawa
 Capt Douglas RA, CTC Gagetown
 Capt Downing H, RMC Kingston
 Capt Doyle JS, CTC Gagetown
 Capt Duguay M, CTC Gagetown
 Capt Duhamel JM, 5 RALC Valcartier
 Capt Dunne RP, CTC Gagetown
 Capt Dupre JRG, 1 RCHA Lahr
 Capt Evoy KL, 2 RCHA Petawawa
 Capt Eyres SAT, 1 RCHA Lahr
 Capt Finestone H, DCDS Ottawa
 Capt Forsberg PW, RSS St. John's
 Capt Fraser GBM, RSS Montreal
 Capt Gagnon EW, CTC Gagetown
 Capt Gallant BI, 5 RALC Valcartier
 Capt Gallop GA, 2 RCHA Petawawa
 Capt Gardner FJ, CEM Ottawa
 Capt Gates JDE, FMCHQ Montreal
 Capt Gemmell WR, RSS Toronto
 Capt Gerow TD, CTC Gagetown
 Capt Gilewicz MP, CFRS Cornwallis
 Capt Glover LE 3 RCHA Shilo
 Capt Gordon WE, CFB Shilo

Capt Gosbee JA, RMC Kingston
 Capt Gowanlock WD, CFB Gagetown
 Capt Grant DM, 1 HQ CBG Calgary
 Capt Grossinger JMY, CTC Gagetown
 Capt Gunn RD, CFE HQ, Lahr
 Capt Haeck KF, CTC Gagetown
 Capt Hamsey RW, CTC Gagetown
 Capt Hansford FH, 1 RCHA Lahr
 Capt Harbert PG, CFLS Ottawa
 Capt Hardman RN, RRCM Victoria
 Capt Hartnett DG, 4CMBG HQ and Sig Sqn, Lahr
 Capt Harvey JGA, 5 RALC Valcartier
 Capt Hawthorne JE, RSS Vancouver
 Capt Hewes MW, CFE HQ, Lahr
 Capt Hidioglou YJ, RSS Montreal
 Capt Holt DC, RSS Toronto
 Capt Hynes KD, EXDUTY Australia
 Capt Jarrett RG, CTC Gagetown
 Capt Jobe DN, RSS Lethbridge
 Capt Johnson EE, CIS Ottawa
 Capt Johnson GL, RCA Battle School, Shilo
 Capt Johnston SP, 129 AAD Bty Lahr
 Capt Joudry SJ, RCSA Gagetown
 Capt Juneau JAFJ, ERF C St Jean
 Capt Kaufman JD, 2 RCHA Petawawa
 Capt Kearney PE, RSS Toronto
 Capt Keffer KT, RSS Gagetown
 Capt Kempffer LC, AIRCOM HQ Winnipeg
 Capt Kennedy ME, CPCS A Ottawa
 Capt Kennedy MN, 2 RCHA Petawawa
 Capt Klimaszewski ML, CFRC Hamilton
 Capt Kokkonen RJ, CFRC Calgary
 Capt Kramers PJ, CTC Gagetown
 Capt Laberge JRA, RSS Shawinigan
 Capt Lacroix JCR, 1 RCHA Lahr
 Capt Lang JGJ, CFLO Arty School, FR
 Capt Laporte JLM, 5 RALC Valcartier
 Capt Larocque CW, CTC Gagetown
 Capt Lauriault JES, 5 RALC Valcartier
 Capt Lawrence GR, RCA Battle School, Shilo
 Capt Lebreton JH, DREV Valcartier
 Capt Leclair DJ, 2 RCHA Petawawa
 Capt Lelievre WT, RSS Saint John
 Capt Light PA, 1 RCHA Lahr
 Capt Lind GD, RCA Battle School, Shilo
 Capt Lord JEJ, 5 RALC Valcartier
 Capt MacBride JE, DLR Ottawa
 Capt MacDonald MN, CFRC Vancouver
 Capt MacInnes JM, CFB Petawawa
 Capt MacLeod BW, 1 RCHA Lahr
 Capt MacLeod DH, RSS Regina
 Capt MacMillan WA, RSS Regina
 Capt Mader LR, CTC Gagetown
 Capt Manson GR, CFOCS Chilliwack
 Capt Marshall DD, 1 RCHA Lahr
 Capt McAlpine GJ, 5 RALC Valcartier
 Capt McCuish DA, 3 RCHA Shilo
 Capt McIntosh AD, RSS Halifax
 Capt McLean JA, CTC Gagetown
 Capt McRobbie WD, 128 AAD Bty Baden
 Capt McTaggart AE, CPCS A/DC Ottawa
 Capt Melnyk TW, DCDS Ottawa
 Capt Miller RM, CFOCS Chilliwack
 Capt Mills AG, AIRCOM HQ Winnipeg
 Capt Milne DCD, 3 RCHA Shilo
 Capt Mitton LC, CTC Gagetown
 Capt Mooney TD, DLAEEM NDHQ Ottawa
 Capt Morgan JD, 3 RCHA Shilo
 Capt Morley JM, CFTS HQ Trenton
 Capt Mortlock JW, CDN AB Regt Petawawa
 Capt Mussolum MG, 1 RCHA Lahr
 Capt Neale MH, CABC Edmonton
 Capt Nickerson SL, 1 RCHA Lahr
 Capt Nielsen PV, FMCHQ Montreal

Capt Oderkirk CG, RSS Branford
 Capt Ouellete JMR, QG ET 5 GBC Valcartier
 Capt Parkinson GL, RSS Guelph
 Capt Pellan JJJ, CFOCS Chilliwack
 Capt Petryk JM, RSA Larkhill, UK
 Capt Poirier JGAJ, CTC Gagetown
 Capt Poirier RR, RSS Kenora
 Capt Pond TR, CTC Gagetown
 Capt Popovich MJ, 3 RCHA Shilo
 Capt Ramsay WC, FMCHQ Det Gagetown
 Capt Read DW, BFC Montreal
 Capt Rennett WA, 7 RHA Osnabruck, GE
 Capt Rice HJ, RSS Victoria
 Capt Richard JGA, 5 RALC Valcartier
 Capt Ross TP, CFE HQ, Lahr
 Capt Roszell JA, CEN RGN HQ Toronto
 Capt Rowdon RDC, CFB Chilliwack
 Capt Ryan JH, CFB Chilliwack
 Capt Sauve JFC, 5 RALC Valcartier
 Capt Sauve MR, DCDS Ottawa
 Capt Sawicki JCA, 3 RCHA Shilo
 Capt Schell RA, CTC Gagetown
 Capt Selbie JJ, FMC HQ St Hubert
 Capt Shellnutt WM, DCDS Ottawa
 Capt Sherman DW, RSS Halifax
 Capt Sherrard LB, CTC Gagetown
 Capt Simister HN, 1 RCHA Lahr
 Capt Slievert JF, CFB Petawawa
 Capt Stone JC, CFRC St John's
 Capt Stowell RC, FMCHQ Montreal
 Capt Strachan SB, 3 RCHA Shilo
 Capt Strilchuk DA, 1 RCHA Lahr
 Capt Summerhays DH, 3 RCHA Shilo
 Capt Theberge JLJ, 1 RCHA Lahr
 Capt Thomason RG, CFNBCS Bordon
 Capt Travis BW, 1 RCHA Lahr
 Capt Tremblay JGG, CFRC Det Chicoutimi
 Capt Tremblay JMR, 5 RALC Valcartier
 Capt Troop VA, MARCOM HQ Halifax
 Capt Troup KG, CFRS Cornwallis
 Capt Tucker KR ADM (Fin) Ottawa
 Capt Vandoesburg JGPP, 2 RCHA Petawawa
 Capt Vanstone JM, CFB Gagetown
 Capt Voss CR, BFC Montreal
 Capt Walker HS, CFB Shilo
 Capt Ward DP, 2 RCHA Petawawa
 Capt Ward NR, CFRC Det Hamilton
 Capt Wellsman WP, CFB Ottawa
 Capt Welykholowa WD, CTC Gagetown
 Capt Wiley DS, HQ 1 CBG Calgary
 Capt Willis JW, BFC Montreal
 Capt Wilson JGJD, 2 RCHA Petawawa
 Capt Winters DR, RSS Sault Saint Marie
 Capt Woloski GS, RSS London
 Capt Zaharychuk DJ, 2 RCHA Petawawa
 Capt Zaharychuk VW, CLFCSC Kingston

Lt Armstrong MB, 3 RCHA Shilo
 Lt Baker TW, 1 RCHA Lahr
 Lt Beare MA, 1 RCHA Lahr
 Lt Beauchemin JAM, 5 RALC Valcartier
 Lt Beauchemin JLAM 1 RCHA Lahr
 Lt Beausejour JJGP, QG ET 5 GBC Valcartier
 Lt Belway RP, 3 RCHA Shilo
 Lt Boily JCL, 5 RALC Valcartier
 Lt Boudreau JCD, 5 RALC Valcartier
 Lt Bruneau JEPP, 5 RALC Valcartier
 Lt Calnan MTA, 2 RCHA Petawawa
 Lt Cliche JCW, 5 RALC Valcartier
 Lt Cook DT, 3 RCHA Shilo
 Lt Cooper LE, 3 RCHA Shilo
 Lt Crane PM, ADM (Fin) Ottawa
 Lt Crawford DS, CEM Ottawa
 Lt Cusson JED, 5 RALC Valcartier
 Lt Davis RG 2 RCHA Petawawa

Lt Douglas BW, 2 RCHA Petawawa
 Lt Doyle KP, 2 RCHA Petawawa
 Lt Gibeault JJJ, 5 RALC Valcartier
 Lt Gillies JS, 1 RCHA Lahr
 Lt Girard JP, 2 RCHA Petawawa
 Lt Haskell RP, 3 RCHA Shilo
 Lt Hawkins BC, 3 RCHA Shilo
 Lt Hellmeister RD, 1 RCHA Lahr
 Lt Jean JRS, 5 RALC Valcartier
 Lt Kochanski HA, 1 RCHA Lahr
 Lt Last M, CDLS London
 Lt Lavallee JLCCM, 1 RCHA Lahr
 Lt Leslie AB, 1 RCHA Lahr
 Lt Marston AM, 3 RCHA Shilo
 Lt Matthews RJ, 2 RCHA Petawawa
 Lt McLeod NH, 3 RCHA Shilo
 Lt McPherson SA, ADM (Fin) Ottawa
 Lt Ouellette JPE, 5 RALC Valcartier
 Lt Pentland DDW, 2 RCHA Petawawa
 Lt Perry MA, 3 RCHA Shilo
 Lt Pinsonneault JJJ, 1 RCHA Lahr
 Lt Proulx JJSB, 5 RALC Valcartier
 Lt Quesnelle DMA, 2 RCHA Petawawa
 Lt Ross CJ, 3 RCHA Shilo
 Lt Roy RC, CTC Gagetown
 Lt Roy RJ, 3 RCHA Shilo
 Lt Shinnan SJ, 1 RCHA Lahr
 Lt Simonds CG, 1 RCHA Lahr
 Lt Spencer RL, 1 RCHA Lahr
 Lt Trask MA, 3 RCHA Shilo (att to HQ 1 CBG Calgary)
 Lt Weatherbee AM, 3 RCHA Shilo
 Lt Wegner MK, 3 RCHA Shilo
 Lt Wieland GJ, 3 RCHA Shilo

2Lt Anderson IW, CTC Gagetown
 2Lt Araujo LA, 3 RCHA Shilo
 2Lt Baldwin PR, 2 RCHA Petawawa
 2Lt Beaulieu JJN, CTC Gagetown
 2Lt Beler SR, 2 RCHA Petawawa
 2Lt Brault JNJ, CTC Gagetown
 2Lt Brown Pe, 2 RCHA Petawawa
 2Lt Clarke RH, 5 RALC Valcartier
 2Lt Crowell EK, CTC Gagetown
 2Lt Desrochers JLGG, 5 RALC Valcartier
 2Lt Fawcett MK, 2 RCHA Petawawa
 2Lt Gray RDG, 3 RCHA Shilo
 2Lt Gribbon SD, 5 RALC Valcartier
 2Lt Hardwick GJ, CTC Gagetown
 2Lt Hodgson MD, 1 RCHA Lahr
 2Lt Jenness DG, 2 RCHA Petawawa
 2Lt Justice TC, 2 RCHA Petawawa
 2Lt Kilford CR, 3 RCHA Shilo
 2Lt Liddy GF, 5 RALC Valcartier
 2Lt Matheson RH, 1 RCHA Lahr
 2Lt McKean MC, 3 RCHA Shilo
 2Lt Pedneault JA, CTC Gagetown
 2Lt Poulin BS, 5 RALC Valcartier
 2Lt Schopf HT, CTC Gagetown

Former Gunners Still Serving (as of 31 Dec 82)

LCol Coleman RC, SECLIST Ottawa
 LCol Cuppens LWF, 403 Hel OTS Gagetown
 LCol Foster DR, CFB Ottawa
 LCol Porter DG, DCDS Ottawa
 LCol Robb DM, FMC HQ
 LCol Smith AHC, CFLS Ottawa

Maj Beatty DJ, CIS Ottawa
 Maj Ferguson DR, SSF HQ & SIG Sqn Petawawa
 Maj Flemington NK, SURG Gen Ottawa
 Maj Glaus JV, CRAD Ottawa
 Maj Johnson NW, PMO LLAD Ottawa

Maj Knight DC, CIS Ottawa
 Maj Lewis WDW, Ottawa
 Maj McDonald MJ, 427 Tac Hel Petawawa
 Maj Moldaver ML, CFB Cold Lake
 Maj Ongman JO, CFCSC Toronto
 Maj Pittman MA, CIS Ottawa
 Maj Rooke DJ, 10 Tag HQ St. Hubert
 Maj Van Rooyen OE, Air Com HQ Winnipeg
 Maj Varey KD, CFSE CENTAG/ATAF Heidelberg
 Maj Wenak KW, St. Marys UNIV Halifax

Capt Dumont JJM, Quebec
 Capt Eamor HR, Baden GE

Capt Ellery HC, CFRC Calgary
 Capt Gower GF Halifax
 Capt Grant RJG, CFB Moose Jaw
 Capt Haynes SC, Ottawa
 Capt Howell RJ, CIS Ottawa
 Capt Kavanagh JM, Adm Fin Ottawa
 Capt King RT, 10 Tag HQ St. Hubert
 Capt King WD, CFB Petawawa
 Capt Kryzanowski MA, FMC HQ St. Hubert
 Capt Miller DG, 2 RSU Toronto
 Capt Nixon JW, 4CMBG HQ & Sig Sqn Lahr
 Capt Whalen DI, CFB Borden
 Capt Woroschuk RJ, North Bay

WARRANT OFFICERS AND SERGEANTS LOCATION LIST (as of 31 Dec 82)

CWO Bittle DD, CPCS Ottawa
 CWO Boudreau A, RSS Brantford
 CWO Bowden CM, FMCHQ Montreal
 CWO Clow MD, CEM Ottawa
 CWO Cove MJ, CEM Ottawa
 CWO Flanagan JR, CFB Shilo
 CWO Hautcoeur JJ, 5 RALC Valcartier
 CWO Heitshu RA, CEM Ottawa
 CWO Jacob TG, NDHQ/AU Ottawa
 CWO Lavigne AJ, PETE Det Quebec City
 CWO Leblanc AS, 1 RCHA Lahr
 CWO Lunan WM, 3 RCHA Shilo
 CWO MacDonald DB, RSS Winnipeg
 CWO McCulloch DA, 3 RCHA Shilo
 CWO Patrick EE, DCDS Ottawa
 CWO Poire JD, PETE Trois-Rivieres
 CWO Poisson JL, CFLS St Jean
 CWO Power PR, PETE Det Gagetown
 CWO Skinner Le, 2 RCHA Petawawa
 CWO Snell D, CTC Gagetown
 CWO Wall DE, CTC Gagetown
 CWO White VA, RCA Battle School Shilo
 CWO Wight RA, 3 RCHA Shilo

MWO Andrews GJ, CEN RGN HQ Hamilton
 MWO Bouskill JK, 2 RCHA Petawawa
 MWO Brown GN, 1 RCHA Lahr
 MWO Calhoun BF, 1 RCHA Lahr
 MWO Clifton JN, 2 RCHA Petawawa
 MWO Cooper DR, CTC Gagetown
 MWO Coutu RA, CFLA Borden
 MWO Cummings JD, 1 RCHA Lahr
 MWO Carby WG, CTC Gagetown
 MWO Deroy JP, 5 RALC Valcartier
 MWO Deveau JG, 5 RALC Valcartier
 MWO Dubuc JR, CTC Gagetown
 MWO Fairbanks W, DREV -Valcartier
 MWO Ferretti DH, CPCS Ottawa
 MWO Francis CD, CTC Gagetown
 MWO Gallinger PC, CTC Gagetown
 MWO Game TK, CTC Gagetown
 MWO Gero CE, RCA Battle School Shilo
 MWO Gore GW, CTC Gagetown
 MWO Guttin DA, 2 RCHA Petawawa
 MWO Hamelin JE, 1 RCHA Lahr
 MWO King FG, 3 RCHA Shilo
 MWO Leslie DG, CPCS Ottawa
 MWO Levesque JN, 129 AAD Bty Lahr
 MWO MacDiarmid RW, 2 RCHA Petawawa
 MWO MacDonald HL, CFB Shilo
 MWO MacTavish GW, 3 RCHA Shilo
 MWO Mahar BB, 128 AAD Bty Baden
 MWO Maillet JA, 5 RALC Valcartier
 MWO Marsh AJ, 3 RCHA Shilo

MWO Martens WI, 3 RCHA Shilo
 MWO Mason DF, CTC Gagetown
 MWO Morris GJ, 3 RCHA Shilo
 MWO Mouton JL, 5 RALC Valcartier
 MWO Murray CB, CTC Gagetown
 MWO New LT, RSS Vancouver
 MWO Parsons SH, CTC Gagetown
 MWO Pineault JA, RSS Shawinigan
 MWO Pollock CF, CTC Gagetown
 MWO Raymond GN, 2 RCHA Petawawa
 MWO Robitaille JF, 1 RCHA Lahr
 MWO Ross EH, CTC Gagetown
 MWO Russel DB, 1 RCHA Lahr
 MWO Skinner CR, 1 RCHA Lahr
 MWO Stickland CW, CFB Gagetown
 MWO St Laurent JJ, DREV Gagetown
 MWO Tomaso DL, 1 RCHA Lahr
 MWO Tremain WD, 1 RCHA Lahr
 MWO Tripp IJ, RMC Kingston
 MWO Vaughan LV, 408 Tac Hel Sq Edmonton
 MWO Willett DJ, ORAE Ottawa
 MWO Worobey WG, RSS Edmonton
 MWO Young M, 3 RCHA Shilo
 MWO Zacharuk NJ, 5 RALC

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 Sgt MacMillan AA, 3 RCHA Shilo
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Sgt Watts EA, 1 RCHA Lahr
Sgt Weber WM, RCA Battle School Shilo
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