

Van Arty Association and RUSI Van Members News June 7, 2022

Newsletters normally are emailed on Monday evenings. If you don't get a future newsletter on time, check the websites below to see if there is a notice about the current newsletter or to see if the current edition is posted there. If the newsletter is posted, please contact me at bob.mugford@gmail.com to let me know you didn't get your copy.

Newsletter online. This newsletter and previous editions are available on the Vancouver Artillery Association website at: www.vancouvergunners.ca and the RUSI Vancouver website at: <http://www.rusivancouver.ca/newsletter.html>. Both groups are also on Facebook at: <https://www.facebook.com/search/top/?q=vancouver%20artillery%20association> and <https://www.facebook.com/search/top/?q=rusi%20vancouver>

Upcoming events – Mark your calendars (see Poster section at end for details)

The 2022 Army Gala. CANCELLED. New Date:- May 6, 2023, at the Sheraton Wall Centre
Commemoration Cyprus 2024 – see posters

- June 08** Wednesday 'Zoom' Lunch meeting- Mess will be open, bring your own lunch
June 15 Wednesday 'Zoom' Lunch meeting- Mess will be open, bring your own lunch
Vancouver Artillery Association AGM – 1300hrs*
June 21 RUSI Vancouver AGM – 1300hrs*
June 22 Wednesday 'Zoom' Lunch meeting- Mess will be open, bring your own lunch

***NOTE – If you are a member of this Society, make sure you have paid your 2022 dues. You will not be eligible to vote at the AGM if you have not paid.**

The Time is Now:

We need innovative new training methods to rebuild Canada's force generation cycle.

Duncan McSporran Vanguard May 10, 2022

It's late April 2022, the tragedy of events in Ukraine continues to unfold. As high value Russian equipment is abandoned in a wholesale fashion, it is clear that the well-worn maxim that amateurs focus on tactics whilst professionals focus on logistics seems to have been forgotten. It would appear that the Russians have failed to prioritise creating a robust equipment support framework for frontline commands. It's a negligent mistake, and one that we should all pay attention to. At the same time, Canada is sending more soldiers and equipment to Latvia, and considering increasing its defence spending. It's not enough to simply increase those commitments, we need to consider the logistics behind everything, including knowledge transfer especially as our

equipment and systems become increasingly more complex, diverse in use and supported by a global supply chain of manufacturers. How do we support our troops at forward locations and help allies with the equipment we've sent them? How can we solve problems across distance in a timely fashion and leverage our information networks to support our own servicemen and women to enhance equipment availability and operational tempo? We need to be able to quickly and successfully get our qualified technicians the knowledge to get the job done. Within the last few years, remote training and support solutions have proven that using the highly visual concept of Mixed Reality for rapid delivery of training, at the point of need, is possible, and highly successful.

At Kognitiv Spark our focus has been to create a remote training and support solution that overcome two challenges: 1) it must be a good user experience and 2) it must work anywhere whilst being inherently secure. COVID-19 has accelerated the need for remote solutions and digital transformation for many sectors. The need has been particularly acute for defence programs, and especially to support operational capabilities. While the increasing sophistication of our systems allows us to operate, plan, and respond in a way that we never could before, the knowledge required to maintain these complex systems has also increased. To overcome this, knowledge, and expert support needs to be available at the point of need. Our RemoteSpark solution has been proven to enhance operational tempo and force resilience in the face of unplanned, complex, and unpredictable conditions. Every military branch has the same challenges, including repairs, maintenance, and knowledge transfer. Our system, deployed on the Microsoft HoloLens, helps to reduce travel and the time required to carry out critical maintenance. For example, with the Royal Canadian Navy, the focus is to improve maintenance and repairs aboard its vessels and systems, both at-sea and in-port. With RemoteSpark, the expert sees what the sailors see. This allows secure exchange of documents, images, and models to facilitate complex troubleshooting and task guidance. RCN experts are able to guide everybody, from the most experienced sailor to the least, ready to quickly perform a task and return critical equipment to service quickly and efficiently.



More than any other country, in Canada we know the tyranny of distance is real. Canada is a massive country, with a relatively small military. Remote northern communities exist under some of the toughest conditions imaginable. This very Canadian problem has driven us to create a unique solution. We've created a system that

allows remotely located operators to establish a low-bandwidth, mixed reality call to operation centers, subject matter experts and decision-makers anywhere in the world. Our success using global networking, and satellite-based systems, has allowed us to build a global real-time solution

to support operations and provide knowledge transfer at the Edge in a way that has previously only been a figment of science fiction. Our unique MR over SatCom capability is being used to connect Ottawa to Resolute Bay, and to support missions around the world. In the end, it's *people* who accomplish the mission and we are very proud to support them in achieving their tasks with our world leading Canadian solution.

Captured Russian Weapons are Packed with US Microchips

Ukraine intelligence showed us lists of mostly US-made microchips it says were found on captured or destroyed Russian military equipment. *Howard Altman The War Zone May 27, 2022*

When Ukrainian forces began to take apart several pieces of captured or partially destroyed Russian military equipment, they found a strong reliance on foreign microchips - especially those made in the United States - according to component lists Ukraine intelligence shared with *The War Zone*. The chips in question were found inside a recovered example of the 9S932-1, a radar-equipped air defense command post vehicle that is part of the larger Barnaul-T system, a Pantsir air defense system, a Ka-52 “Alligator” attack helicopter, and a Kh-101 (AS-23A Kodiak) cruise missile. The component list offers some of the most detailed information to date about the extent of where the Russians are getting critical microchips, semiconductors and other components. The items on those lists raise serious questions about Russia's ability to produce the technological components its war machine relies on and the ability of countries like the US to keep those technologies secure, an expert tells *The War Zone*.

Kh-101s on a Tu-95 Bear.
CSIS.org



In the Barnaul-T air defense command post vehicle, for example, Ukraine intelligence said its specialists found eight microchips from US manufacturers Intel, Micrel, Micron Technology and Atmel Corp in its communications systems. Ukrainian specialists also found five US made chips manufactured by AMD, Rochester Electronics, Texas Instruments, and Linear Technology - in the direction finder of a Pantsir air defense system. There were at least 35 US-made chips found in the Kh-101 cruise missile, including those manufactured by Texas Instruments, Atmel Corp. Rochester Electronics, Cypress Semiconductor, Maxim Integrated, XILINX, Infineon Technologies, Intel, Onsemi, and Micron Technology. When they opened up the turreted electro-optical system of the Ka-52 Alligator, Ukraine specialists found 22 US-made chips and one Korean-made chip.

The US manufacturers included Texas Instruments, IDT, Altera USA, Burr-Brown, Analog Devices Inc., Micron Technology, Linear Technology and TE Connectivity.



A man stands in front of a Ka-52 attack helicopter forced to land in a field outside Kyiv, Ukraine, on February 24, 2022.

AP Photo/Efrem Lukatsky

While the US and several other nations instituted sanctions after Russia launched its full-on invasion on Feb. 24 that prevented selling them equipment including microchips, there is no indication that any of the chips in these captured or destroyed Russian assets violated any of those provisions. In fact, some of the manufacturers were previously subsumed by other companies. IDT, for example, was purchased by the Japanese firm Renesas in 2019. Micrel was purchased by Microchip Technology Incorporated in 2015. Atmel Corp. was also purchased by Microchip Technology, in 2016. Cypress Semiconductor Corp. was acquired by Infineon Technologies in 2020. Altera was purchased by Intel in 2015. Burr-Brown was purchased by Texas Instruments in 2000. The origin of the microchips found in these Russian weapons is unclear. These chips would not necessarily have to have been sourced directly from the manufacturers. Also, there is a massive and largely unregulated market for recycled chips, largely emanating from China, and many of them appear to be quite old. Ukraine intelligence officials who provided the component list also could not say where the chips originated. But Skip Parish, a counter-drone/directed energy weapons/electronic warfare/red team subject matter expert for NATO and the US military, reviewed the list of components provided by Ukraine intelligence and said they raise a number of issues.

A photo of some of the microchips Ukraine intelligence said it found in the communications system of a Barnaul-T air defense system.

Ukraine intelligence photo.

It highlights, he said, a “total dependence on western technology” in applications of “integrated chips sets in key sensitive working parts of Russian weapon systems - targeting, navigation, communications and execution of the weapon.” It also shows the “breakdown or non-existent US controls” in International Traffic in Arms Regulations, “both supporting investigations when



found in foreign weapons.” On May 11, Commerce Secretary Gina Raimondo told a Senate hearing that sanctions against Russia were forcing it to seek alternate sources of key components. “We have reports from Ukrainians that when they find Russian military equipment on the ground, it’s filled with semiconductors that they took out of dishwashers and refrigerators,” Raimondo testified, who recently met with Ukraine’s prime minister. While components found in appliances, for instance, are harder to prevent falling into the wrong hands, US officials, Parish said, do have the authority to prevent shipments of those dual-use chips if they consider the application to have critical military uses. And, he said, this highlights and offers the need for “a clear path to stopping Russian weapons success without being there, and “a crash domestic program to stop the shipments of technology” from US allies Australia, Canada, New Zealand and the United Kingdom, collectively known as the “Five Eyes.”

While Raimondo testified that Ukraine said Russians have been using appliance parts in its tanks, that is not likely the case in the more sensitive systems laid out by Ukraine intelligence, Parish said. "The optics in the Ka-52 armed helo targeting and the missile guidance systems," he said, "are of the greatest concern." *The War Zone* reached out to all the microchip manufacturers named in this story and several responded. Most said they no longer do business with Russia. Many said they either don’t know or can’t control where their chips wind up. And one company disputed the Ukraine intelligence assertion that its chips were found in Russian military equipment. A spokeswoman from Onsemi, for instance, pointed out that her company's chips are not military grade, thus easily obtainable. Stefanie Cuene, head of public relations for onsemi, said that her company’s chip “is a commodity, not military grade and available anywhere on the open market.” “We already viewed the war in Ukraine with serious concern,” Gregor Rodehüser, spokesman for Infineon Technologies told *The War Zone*. “Your message deepens these concerns.” “While we cannot comment on the topic specifically, Infineon has implemented appropriate measures to ensure compliance with the sanctions.”

After the beginning of the war in Ukraine, he said, “we have stopped all direct and indirect shipments to Russia, Belarus and the respective Russian-backed regions in Ukraine. This also includes technical support.” Infineon Technologies, Rodehüser said, has not yet “found any evidence of military use of our products in Russia. We therefore screen customers and markets sourcing our products for compliance with legal export regulations.” Intel said while they can’t know where their chips wind up, they no longer do business with either Russia or Belarus. “While we do not always know nor can we control what products our customers create or the applications end-users may develop, Intel does not support or tolerate our products being used to violate human rights,” said Penny Bruce, Intel’s director of corporate communications. “Where we become aware of a concern that Intel products are being used by a business partner in connection with abuses of human rights, we will restrict or cease business with the third party until and unless we have high confidence that Intel’s products are not being used to violate human rights.” Intel, said Bruce, “has suspended all shipments to customers in both Russia and Belarus.” Additionally, “Intel will continue to comply with all applicable export regulations and sanctions in the countries in which it operates; this includes compliance with the sanctions and export controls against Russia and Belarus issued by the US and allied nations.” Analog Devices “is committed to full

compliance with U.S, EU and other countries' laws including export controls, trade sanctions and regulations,” said Ferda Millan, a company spokeswoman.



Harsh sanctions, including a ban on the importance of microchips, were placed on Russia after Vladimir Putin launched his all-out war on Ukraine.

Getty images.

TE Connectivity, meanwhile, disputed the Ukraine intelligence component list. “We did a search in our parts database and were not able to find a match to the part number you provided,” said Jeff Cronin, a company spokesman. The issue of foreign components winding up in Russian military equipment despite sanctions has come up before. After Russia first invaded Ukraine in 2014, it was hit with a previous round of sanctions. Those, however, apparently did not prove foolproof. It is unclear how concerned the Commerce Department might be over the microchips Ukraine intelligence said were found on the Russian air defense systems, helicopter, and cruise missiles. The department did not respond to a request for comment by Friday afternoon. We will let you know what they say if they do respond. There is already a lot of evidence that existing sanctions are hurting Russia's defense industry. And Ukraine claims that the older components Russia is using, particularly in the Kh-101, make them less effective. But given Russia's reliance on the large numbers of microchips, semiconductors, and other components floating around - and its close relations with China, a top manufacturer and recycler of these parts - the long-term effects of sanctions, at least in regards to high-tech components like chips, remains to be seen. So too does the US reaction to the chips they are using

Queen’s Jubilee Flypast

Eric Mold

I’ve been bingeing all day watching the Queen’s Platinum Jubilee on TV. Particularly the RAF flypast, still wonderful but only 70 aircraft? Years ago, we did it with many more than that. Looking through my old logbook, I notice that in April of 1954 I made several flights from Linton-on-Ouse to RAF Station North Luffenham; the home of No 1 Fighter Wing of the RCAF; who were also equipped with F-86 Sabres. It brought back memories of the huge Balbos we did together over Buckingham Palace to welcome the Queen home from her Commonwealth Tour in the Royal Yacht Britannia. I was in 92 Squadron on the Linton Wing, which was the first wing in the Royal Air Force to receive F86 Sabres. For these really big shows, we flew to North Luffenham and joined up with No 1 Wing of the RCAF. We would fly down to ‘Luff’ in the morning; have lunch and then the two wings would take off en-mass to join the fly past. The formation normally consisted of ‘boxes’ of four aircraft in V formation. This large mass of

aircraft would fly at relatively low level out over the Thames estuary, where it would join the rest of the participating aircraft.



Picture of Golden Hawk
CF-86 Sabre Jet, Brockville

Normally, the weather was clear, but the visibility usually poor; the brownish gray of the sky merging with brownish gray of the sea, leaving us without much of a visual horizon reference. Timing was critical in these events because the organizers wanted to ensure that a steady procession of aircraft passed over the balcony at Buck House where Her Majesty and the royal party were watching the review.

Complicating the matter was that the slower aircraft flew past first, followed by progressively faster and faster types until the jet fighters brought up the rear. This invariably led to a chaotic situation over the back yard of the palace, where everyone caught up everyone else. Formations of Chipmunks, Lancaster's, Mosquitoes and every other type in the inventory, mixing it up, wheeling this way and that, to avoid each other. A flying circus that would have scared Manfred von Richthofen as it did me.

The run-in over the palace started at a checkpoint on the River Thames, called Galleon's Reach. In order to be in the correct sequence and at the right spacing, it was essential to pass Galleons at an exact time. Thanks to their zeal, our wing and squadron leaders were not going to be late... which usually meant that they were early. There is nothing worse than leading a large formation of aircraft and having 20 or 30 seconds time on your hands prior getting to an important checkpoint. Often some very fancy flying is necessary to get back on time, particularly for pilots flying on the inside of the formation turns. Nothing is guaranteed to work up a sweat quicker, than being on the inside of a turn in a large formation when the leader decides to do a split-arse 360 degree turn (usually at Idle RPM) to kill off a few seconds of surplus time. I can assure you some creative flying techniques came out trying to overcome these situations such as wheels down, flaps down, speed brakes out, opposite rudder (to fly sideways a bit) usually at maximum power to prevent falling out of the sky. All this, with no visual horizon and usually radio silence. You have to have been there, to know what I am talking about. We did two or three practice runs before the final show.

The flying was a bit 'hairy' but we had a lot of fun. The Canadian guys at North Luff generously allowed us to use their commissary and I can tell you that several large crocks of whiskey, vodka, gin etc. found their way back to Linton. These exercises lead to a few exchange mess dinners which themselves were not without notoriety. What wonderful days they were when we had hundreds of good planes and lots of flying time for everyone. I was not new to this type of

exercise. I had participated in a similar fly-past celebrating the Queen's Coronation. At that time I was flying Vampires, with 67 Squadron based at Gutersloh in West Germany. For this review four wings of Vampires from Gutersloh, Celle, Wunsdorf, and Fassberg, each comprising of three squadrons of 24 aircraft took part. We climbed out over Holland in loose formation, coasted in over the Thames estuary where we tightened up to close formation and joined the other aircraft in the procession. Over Galleon's Reach once again and on to the palace. The plan was for us to recover to one of the fighter bases in southern England, refuel, have lunch, and then repeat the exercise once more but this time recovering back at our home bases in Germany.

On one practice fly-past things went as usual, after extricating ourselves from the melee behind Buck House we split off and each wing headed to its designated recovery base, which in our case was Biggin Hill. Because we were all a bit tight on fuel, the technique was for the wing to 'stream' as it approached the field and join the circuit directly on the downwind leg. In those days, we only had four channel VHF radio sets; just one of the channels was dedicated to General Aerodrome Control. Our wing leader gave the order for the wing to stream for landing as we approach Biggin Hill. We dropped back to leave about 100 yards spacing between us. Then he called us over to the Aerodrome Control frequency; immediately we heard "Mayday Mayday Mayday... Pan Pan Pan" from a lady pilot who was obviously in some sort of distress. After listening for a second, it appeared she was flying a little Chipmunk training plane, didn't know exactly where she was, and was just about out of fuel. Our wing leader was trying to contact Biggin Hill control tower to tell them that he had 60 Vampires and was approaching the downwind leg of their circuit for landing, and that we were all short of fuel. However, the girl in distress was blocking the whole frequency. Biggin Hill was getting closer and closer, and still our leader could not get a word in to tell the control tower and get landing clearance for his big formation...



RCAF Vampire

Finally, the wing leader pressed his radio transmit button and said. "Madam, this is Wing Commander Mike Le Bas. Put that aeroplane down in the first decent field you see, and get off this bloody radio," Silence followed immediately, just in sufficient time for Mike to tell the control tower that he was joining circuit on the downwind leg with 60 aircraft for landing, I was sitting on the downwind leg, 100 yard behind the plane in front of me, I'd completed my landing vital actions checks, and looked down at the airfield. What do you think I saw? A stationary Chipmunk, right in the middle of the duty runway! By this time our leader was on final approach, some of us were too pressed for fuel to make a 'go around'. At the very last moment, a vehicle raced across the infield to the runway, and two guys scrambled out, grabbed the little Chippy by its tail, and hauled it clear just seconds before Mike's wheels kissed the tarmac.

Vancouver Artillery Association Yearbook Updates

Wednesday Lunches

The weekly Vancouver Artillery Association lunch in the Officers' Mess at Bessborough Armoury continues. Have you sent in your survey? Drop in for a casual lunch experience. All ranks welcome. (We'll still set up our Zoom connection for those that can't make it <https://zoom.us/j/6802412956> and the secret passcode is pFPey6)

Annual General Meeting

The Annual General Meeting of the Members of the Vancouver Artillery Association will be held on Zoom, on Wednesday, June 15, 2022, at 1300hrs. **Make sure your dues have been paid for 2022**

Depart with Dignity – Captain George Dempsey CD

Captain George Dempsey CD has retired after a lengthy career in both the Regular and Reserve components of The Royal Regiment of Canadian Artillery.

<https://www.vancouvergunners.ca/dwd-dempsey.html>

Canadian Forces Decoration

Congratulations to Bombardier Jennifer Charters CD for receiving the Canadian Forces Decoration! <https://www.vancouvergunners.ca/whats-new/canadian-forces-decoration>

Clasp to Canadian Forces Decoration

Congratulations to Warrant Officer Adam Wierenga CD for receiving the first bar to his Canadian Forces Decoration! <https://www.vancouvergunners.ca/whats-new/june-06th-2022>

15th Field Artillery Regiment RCA Centennial Dinner at the Teahouse

Additional photos from the dinner have been placed online. Check out the great event! <https://www.vancouvergunners.ca/centennial-dinner.html>

The Regimental Museum is now open from 10:00 until 12:00 every Wednesday. Masks are required as is proof of vaccination. Please help keep our soldiers safe and do not attend if you feel the slightest symptom of illness. Our zoom channel will also be open from noon at <https://zoom.us/j/6802412956> and the secret passcode is pFPey6. Remember – Stay healthy and stay safe!

Who (or What) Is It?

Last Week: Locomotive Battery for Field of Battle with a Steam Engine. Steam traction



engines were also used to tow guns on other occasions during the second half of the 19th century. In the meantime, prompted probably by the Crimean War, J Cowan proposed another use of steam traction for military purposes in 1855 in Britain by taking out patent No 747 for a 'Locomotive Battery for Field of Battle with a Steam Engine' – a wheeled vehicle with a turtle-like iron

carapace out of which protruded several guns and at the side of which were scythes for mowing down any troops that might attack it. All he proposed was the adaptation of the existing steam tractor of James Boydell (first patented in 1846) to mount cannon behind a dome-like, iron outer

casing and travel where other types of wheeled vehicles could not move. The Boydell tractor was a practical example, used in the Crimea, of a portable railway – in this case a vehicle which did not sink into the ground because its wheels were fitted with detached pivoted rails, or feet. These were laid down and then picked up as the wheel turned, to spread the vehicle's load. Had it been built, the Cowen's crews would almost have baked alive behind their armour, yet they might have survived against the enemy in this genuine proposal for a practical, self-propelled vehicle uniquely incorporating mobility, firepower and protection. Certainly, the Boydell footed wheel triggered many inventors to begin experiments with 'continuous tracks'.

Cowan's vehicle was never built, but during the South African War of 1899-1902 the British Army used about 50 traction engines for towing supply trucks and guns. In 1900 two of the engines built for use in South Africa by John Fowler and Co. of Leeds were armoured, as were the trucks they towed, to protect them against Boer attacks when they were used for carrying supplies. Eventually the number of the armoured Fowler engines sent to South Africa rose to four. The armour of the Fowler engines and of the trucks was provided with loopholes through which rifles could be fired, and a field gun could be hauled onto a truck instead of being towed. In principle, there was only a small step from this to a steam-powered, gun-armed armoured fighting vehicle. Such a vehicle had in fact already been envisaged by Cowan and was depicted in 1883 by Robida in a French journal *La Caricature*.

The ideas of Robida, like those of Cowan, were never implemented, but 20 years later steam-powered armoured vehicles were the subject of a story by HG Wells, the science fiction writer, which was published in the *Strand Magazine* in December 1903 under the title 'The Land Ironclads'. This story is often presented as a prophetic vision of future armoured vehicles and as having influenced, albeit indirectly, the development of the first British tanks several years later. In fact, Wells' 'ironclads' did not represent an advance on Fowler's armoured steam engines built three years earlier so far as their means of propulsion were concerned, and this was equally true of their armament, which still consisted of rifles. Nor did they foreshadow future armoured fighting vehicles in other respects, except for being envisaged to operate off the roads over broken ground. However, what was to make this possible was not very practicable, as it was based on the use by the 'ironclads' of Pedrails – another type of footed wheel devised around 1899 by B J Diplock. This wheel has been confused with the Pedrail track, which was not brought out by Diplock until 1910, and has led to the erroneous belief that Wells foresaw tracked armoured vehicles.

This Week: Well, dear readers, tanks for the answers to last week's quiz. Apparently, some of our subscribers think that they actually trained on that vehicle. Mind you, some of our subscribers are of such an age that such might just be true, or that they are of such an age that anything imaginary can be thought of as true. Now, why did I come into this room? Oh, yes! This week we stay on the ground, crawling along, digging ruts in the earth, and scaring small dogs and cats, but eliciting oohs and aahs from equally small children. As an aside, there was a recent episode of "Tank Chats" (from the Tank Museum in Bovington, UK) discussing whether or not tanks have been rendered obsolete by anti-tank developments, as shown first in the recent Azeri-Armenian War, and even more so in the current Russo-Ukrainian War. I am sure many of you

have spent much time watching videos on YouTube of drones being impolite to tanks. Nonetheless, the jury is still out on the debate.



Even if tanks do become obsolete, fear naught, as there are tonnes of weird ones from the past that can be used to test your grey cells from time to time. And, such is this week's "tank". Is it really one, or is it something of a near genre, such as "tank destroyer", or even a lowly "SPG"? Well, it has a big gun, but it seems to be lacking in one essential: a turret. However, that never stopped our new, nearly-ally Sweden from building the "S Tank". However, this isn't Swedish, nor is it much of a meatball. In fact, you can't even think of finding one at Ikea, so start thinking elsewhere. What is it?

Send you musings, in English, or Svenska (and we'll try to decipher it with help from Google) to Bob Mugford (bob.mugford@gmail.com), or John Redmond (johnd.redmond@telus.net). Tack!

From the 'Punitary'

What do you call a sheep from outer space? A Ewe-F-O.

Murphy's Other Laws

Every solution breeds new problems.

Quotable Quotes

Do the right thing. It will gratify some people and astonish the rest. *Mark Twain*

Wednesday Digital Video Lunch

No need to worry about COVID-19 when you go digital. Pop into our video lunch **at noon** on Wednesdays and say hi. All you need is a laptop, tablet or smartphone. These sessions are being hosted by the Vancouver Artillery Association and are **open to all – especially those who attended our Wednesday lunches.**

Join us to check up on your old lunch buddies. **Zoom lunch meetings will continue for those unable to attend the Mess for lunch.**

<https://zoom.us/j/6802412956> and the secret passcode is pFPey6



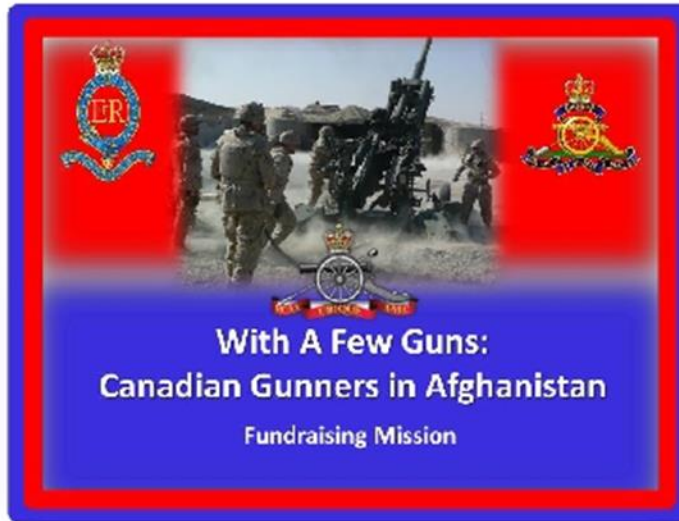
Zoom is the leader in modern enterprise video communications, with an easy, reliable cloud platform for video and audio conferencing, chat, and webinars across mobile, desktop, and room systems. Zoom Rooms is the original software-based conference room solution used around the world in board, conference, huddle, and training rooms, as well as executive offices and classrooms. Founded in 2011, Zoom helps businesses and organizations bring their

teams together in a frictionless environment to get more done. Zoom is a publicly traded company headquartered in San Jose, CA.

Invite 2 friends! We have room for 100! See you on Wednesdays at noon. Bring your own lunch and beverage of choice.

With a Few Guns

“With a Few Guns” Calling For Support! Donate Now!



With a Few Guns will be an accounting of the contribution Canadian Gunners made to operations in Afghanistan from initial deployment in 2002 until withdrawal in March 2014. The book will not be an “official history” but will tell the story of the approximately 3,000 Gunners who served in Afghanistan, Regular Force and Reserves, in any and all positions, in any and all functions, as well as the stories of commanders and supported arms, and Gunner families.

We have three accomplished and exceptional authors:

Lieutenant-Colonel (Retired) Brian Reid

Colonel (Retired) Wolf Riedel

Mr. Mark Zuehlke

We are launching this fundraising initiative to cover expenses and get the book published, while keeping the price affordable. *With a Few Guns* is being written with the backing of the RCA Association, and all donations will be eligible for a tax receipt. Any monies donated in excess of what is needed will remain with the RCAA for support to the causes as espoused by the RCAA.

Our MISSION is to raise \$75,000 (+)

Questions may be directed to: WithAFewGuns@gmail.com

To Donate:

Go to: <https://rca-arc.org/>

Scroll down to: **Donate**

Go to : The Royal Canadian Artillery Association

Then donate to: RCAA Donation "With a Few Guns"

Commemoration Cyprus 2024



Commemoration Chypre 2024



Commemoration Cyprus 2024



Mission

...commémorer la contribution du Canada à la mission de l'ONU à Chypre à l'occasion du 50e anniversaire de la guerre de 1974.
...commemorate Canada's contribution to the UN mission in Cyprus on the 50th anniversary of the 1974 war.



WHAT - Cyprus 2024 Pilgrimage.

GOAL - to capture the history and stories from those who served in Cyprus with emphasis on the actions that took place during the 1974 war, **A FORGOTTEN WAR.**

WHEN - November 2024.

WHO - All Cyprus and Canadian Airborne Regiment Veterans and family members.

WHERE - Nicosia Cyprus, lodged at the Hilton Hotel.

COST - Pay as you go trip with individual costs in the \$5000 to 6000 range. Costs covered will include airfare, hotel with breakfast and expenses such as transportation.

TRAVEL - Will be arranged by professional travel agents, with pre and post tour travel options available.

PROGRAM - Seven days: three days of battlefield tours, three days of excursions, and one day of Remembrance.

FURTHER INFORMATION AND UPDATES ARE AVAILABLE BY JOINING THE CYPRUS 2024 FACEBOOK GROUP [Cyprus2024 | Facebook](#)

QUOI - Pèlerinage à Chypre 2024.

OBJECTIF - capturer l'histoire et les récits de ceux qui ont servi à Chypre en mettant l'accent sur les actions qui ont eu lieu là pendant la guerre de 1974, **UNE GUERRE OUBLIÉE.**

QUAND - Novembre 2024.

QUI - Tous les vétérans de Chypre, du Régiment aéroporté canadien et les membres de leurs familles.

OÙ - Nicosie Chypre, logés à l'hôtel Hilton.

COÛT - Voyage à la carte avec des coûts individuels inclus, environ \$5000 et 6000. Les coûts comprendront le billet d'avion, l'hôtel avec petit-déjeuner et les dépenses telles que le transport.

VOYAGE - Sera organisé par des agents de voyage professionnels, avec options de voyage avant et après la réunion.

PROGRAMME - Sept jours: trois jours de visites du champ de bataille, trois jours d'excursions et une journée du Souvenir.

PLUS D'INFORMATIONS ET MISES À JOUR SONT DISPONIBLES EN REJOIGNANT LE GROUPE FACEBOOK CYPRUS 2024 [Cyprus2024 | Facebook](#)



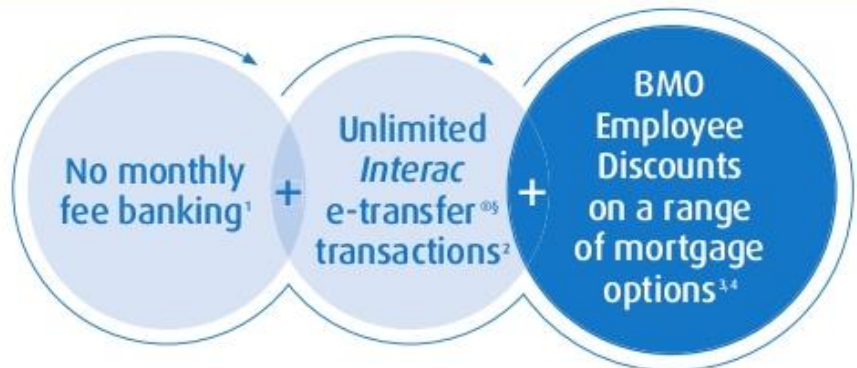
Bank of Montreal

The official bank of the Defence Community

Our strategy is simple –
Do more for you.



BMO is proud to be the official bank of the **Canadian Defence Community**, and to provide exclusive offers to you.



Mortgages

- BMO employee discounts on a wide range of mortgage options^{3,4}
- Flexibility to move or break your mortgage through the Integrated Relocation Program⁵
- 130-day mortgage rate guarantee – the longest of any major bank in Canada⁶



Bank Accounts

- Save money with a Performance Plan chequing account with no monthly fees¹
- Unlimited *Interac* e-transfer⁰⁵ transactions²
- OnGuard⁰⁸ Identity Theft Protection Service at no charge^{7,8}
- Keep the same accounts no matter how many times you relocate
- Access to CreditView⁰⁹ – the free, instant way to get your credit score⁹



Lines of Credit

- BMO employee discounts on unsecured and secured personal lines of credit³
- Student line of credit with preferential pricing and flexibility¹⁰

Credit Cards



- Choose the BMO Support Our Troops CashBack⁰¹¹ or AIR MILES⁰¹² MasterCard⁰¹³
- No annual fee¹¹
- Support Canadian Forces Morale and Welfare Services with every purchase you make
- Visit bmo.com/sot to find out about the welcome offers

Frequently Asked Questions

What is the Canadian Defence Community Banking (CDCB) Program?

BMO and Canadian Forces Morale and Welfare Services have teamed up to offer the CDCB Program to eligible members of the defence community and their families.

Who is eligible for the CDCB Program?

Program benefits are exclusive to regular force personnel, reserves, recruits, military families, Veterans and retirees, as well as Department of National Defence (DND) and Staff of the Non-Public Funds civilian personnel, the RCMP and the Canadian Coast Guard.

Can BMO help me if I am relocated or deployed?

One way BMO can help is by covering your prepayment charges when you are relocated or deployed through the Integrated Relocation Program, and have to move or break your mortgage.

How does Canadian Forces Morale and Welfare Services (CFMWS) get funded by the BMO Support Our Troops MasterCard® program?

BMO pays royalties to CFMWS each quarter. CFMWS uses the royalties to fund the Support Our Troops National Summer Camp Programs and more.

How can I get help with home financing?

Visit a branch, find a Mortgage Specialist at mortgagelocator.bmo.com or call 1-866-548-7490 or collect from overseas at 514-877-7738 to get help with home financing.

How much can I save in bank fees with the CDCB Performance Plan Chequing Account?

You can save \$191 each year in monthly plan fee, \$120 each year with 5 non-BMO ATM withdrawals included each month, and \$155 each year in Identity Theft Protection at no charge.¹²

How can I contact BMO to learn more about the CDCB Program?

- Visit any BMO branch
- Call 1-866-548-7490
- International customers can call collect at 514-877-7738
- Find us on Social Media

Visit us in branch or at bmo.com/cdcb to learn more.



Scan the QR code to get more information.



¹The monthly Performance Plan fee is waived. You are responsible for all transaction, service and product fees not included for free in your Bank Plan. ²The monthly Plan fee may still apply. Other transaction fees may apply if you have a Bank Plan that does not include unlimited everyday banking transactions. A cancellation fee may still apply when you cancel the transaction. Interac e-transfer¹¹ transactions are subject to maximum transfer dollar amounts. Applications and the amount you can borrow are subject to meeting BMO's usual credit criteria. ³Some conditions may apply. These special offers are not available for the 5-year or 10-year BMO Smart Fixed Mortgage or a Homeowner Realign. To qualify for the CDCB special rates on 5-year fixed and 5-year variable rate mortgage, you must have a Canadian Dollar Primary Chequing Account (Chequing Account) with a CDCB Performance or Premium Plan, and set up the Chequing Account as the funding account for the BMO Mortgage, and have one (1) recurring direct deposit into the Chequing Account. ⁴Some conditions may apply. ⁵We guarantee your interest rate for the selected fixed rate mortgage type and term for up to 130 days from the rate guarantee start date. If the mortgage is not funded within the 130-day period, the interest rate guarantee expires. Applicable to residential mortgages only and subject to Bank of Montreal standard lending criteria for residential properties. Longest rate guarantee of any major bank as of November 18, 2020. ⁶Plan, transaction, service and product fees may still apply. You're eligible for OnGuard¹⁰ if you are a BMO customer who has a lead account⁹ with one of the following Bank Plans: Performance Plan, Premium Plan, Platinum Plan or Employee Plan. In addition, to qualify for OnGuard, you must be a Canadian resident who has reached the age of majority for your province or territory, and you must be registered for BMO Online Banking and/or Mobile Banking and you must have a valid email address on your BMO profile and your lead account must be in good standing. Customers with an eligible Bank Plan with the Kids or Teens discounted banking program do not qualify for OnGuard. All account holders of a lead account with an eligible Bank Plan qualify for OnGuard¹⁰ provided they meet the above eligibility requirements. If you switch your lead account to an ineligible Bank Plan, then you will no longer qualify for the OnGuard¹⁰ service. ⁷The lead account is the one you designate to pay any fees required by your Bank Plan, for example, your monthly Plan fees and transaction fees. ⁸OnGuard¹⁰ retail value is \$15.88 annually (charged at \$12.99 per month). ⁹OnGuard¹⁰ is provided by Sigma Loyalty Group and Interactions Inc. Sigma Loyalty Group and Interactions Inc. terms and conditions can be found at www.bmo.com/onguard/516conditions. ¹⁰Creditview¹¹ is a service provided to you by TransUnion. Using this service does not impact your credit score. This service is being made available to you as a customer of BMO ("Bank of Montreal") at no additional charge. ¹¹You must be a Canadian citizen or landed immigrant enrolled in a Canadian or non-Canadian post-secondary school or university. Co-signer may be required. Subject to credit availability and verification of identity. ¹²Ongoing interest rates, interest-free grace period, annual fees and all other applicable fees are subject to change. Cash advances include balance transfers, cash-like transactions and Mastercard cheques. Visit your branch, call the Customer Contact Centre at 1-800-263-2263, or visit bmo.com/rates-fees for current rates and fees. ¹³The monthly Performance Plan fee is waived. You are responsible for all transaction, service and product fees not included in the Performance Plan. Some non-BMO ATMs may charge you a convenience fee. The convenience fee is not a BMO fee and is added to the total amount of your withdrawal. You are responsible for the convenience fee that may be applied to your transaction.

¹⁴Registered trademark of Bank of Montreal. ¹⁵Interac e-Transfer is a registered trademark of Interac Inc. ¹⁶OnGuard is a service of Sigma Loyalty Group. OnGuard¹⁰ is a trademark of Sigma Loyalty Group Inc. Identity Guard¹⁷ is a registered trademark of Interactions Inc. ¹⁸CreditView is a trademark of TransUnion LLC. ¹⁹MasterCard is a registered trademark, and the circles design is a trademark of Mastercard International Incorporated. Used under license.