

## Van Arty Association and RUSI Van Members News July 5, 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](mailto: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](http://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**

**2022 BoM - CDCB Customer Appreciation Contest** – see end of poster section

**Commemoration Cyprus 2024** – see posters

**July 06** Wednesday ‘Zoom’ Lunch meeting- Mess will be open, bring your own lunch

**July 12** Wednesday ‘Zoom’ Lunch meeting- Mess will be open, bring your own lunch

**July 19** Wednesday ‘Zoom’ Lunch meeting- Mess will be open, bring your own lunch

### Found: A WWII Submarine Missing for 75 Years

High-tech undersea drones solved the mystery. *Tim Elfrink November 11, 2019*

Tim Taylor was about to end the mission. His team had scoured the seabed off Japan with autonomous underwater vehicles, which are essentially high-tech drones, without a hit. His ship now needed repairs, and a \$7 million drone had just reported an error on its latest dive. All that remained was to download the data from that drone before heading hundreds of miles back to shore. That's when they spotted it: An anomalous reading on the ocean floor, more than 1,400 feet deep. The next day, another submersible with high-definition cameras went to investigate. The images it beamed back left no doubt about what Taylor's team had found: A hulking ship lay rusting in the pitch-black water. As the camera rounded the bow and panned to the bridge, an eerily preserved plaque came into view: *USS Grayback*. “It was amazing. Everyone was excited,” Taylor said in an interview with The Washington Post. “Then you realize there are 80 men buried there, and it's a sobering experience.” Taylor's discovery on June 5 solved an enduring 75-year-

old mystery about the fate of the USS Grayback, one of World War II's most effective submarines. The US Navy confirmed on Sunday that Taylor's team, part of a group dedicated to finding the 52 American submarines lost in action during World War II, found Grayback's final resting place in the ocean off Okinawa, Japan. The news brought closure to relatives of the sailors lost that day. "There's a book I read, and it said these ships are known only to God," Gloria Hurney, whose uncle, Raymond Parks, died on the Grayback, told ABC News. "But now we know where the Grayback is."



*Tim Taylor and his team used unmanned undersea submersibles to locate the USS Grayback in more than 1,400 feet of water off Japan.  
(Tim Taylor-Lost 52 Project)*

The Grayback's final mission started on Jan 28, 1944, according to the Navy's official history, when it left Pearl Harbor on its 10<sup>th</sup> combat tour. The Tambor-class sub, commissioned in 1941, had spent the war patrolling the South Pacific and South China Sea, torpedoing numerous enemy vessels and rescuing downed American aviators. The Grayback sank more than a dozen Japanese ships in all, the New York Times reported. On Feb 24, 1944, the sub reported sinking two Japanese cargo ships days earlier and was ordered back to replenish its torpedo supply. But it never arrived in Midway. After the war, the Navy used Japanese military records to try to piece together a history of its lost subs and pinpointed the submarine's final resting place as about 100 miles east-southeast of Okinawa, the Times reported. But its remains were never found — until Taylor took on the case.

In 2010, Taylor, an undersea explorer and CEO of a New York-based firm that provides autonomous underwater vehicles, discovered the USS R-12, which sank in an accident off Key West, Fla, in 1943. He set up a privately funded group called the Lost 52 Project, dedicated to using new technology to find long-lost World War II subs. Along with his wife, fellow explorer Christine Dennison, his team found three more vessels before tackling the Grayback. In this case, he relied on a key discovery by Yutaka Iwasaki, a systems engineer in Kobe, Japan, who works with Taylor's team as an amateur researcher. Last year, while poring over original Japanese military documents, he found reports showing that on Feb 27, 1944, a Japanese aircraft had dropped a 500-pound bomb on the Grayback. The coordinates given in that report suggested the Navy had made a crucial error when translating the coordinates where the sub was attacked. "It was off by one digit," Taylor said. "That changed the location by more than 100 miles."

In June, armed with the correct information, his team journeyed into the open seas off Japan with a fleet of the latest submersible drones. The devices use sonar to create detailed images of the ocean floor, which are then sent back to Taylor's crew to search for any signs of wreckage, the Times reported. The search team battled technical problems, though, and a broken refrigeration system on his boat would soon require a return to port for a fix. Some crew members were already packing up to return when the drone experienced an error a few hours into a 24-hour dive, Taylor

said. Instead, the data it returned led Taylor's team directly to the sunken sub. "The most compelling moment was when the camera went from the bow up to the bridge and we all saw the plaque," he said. "There was no doubt about it." After the Navy verified the find, Taylor and Dennison informed relatives of the men lost on the Grayback that they had found their final resting place. Hurney and Kathy Taylor, whose uncle John Patrick King was on the sub, learned about the discovery live on camera on ABC's "World News Tonight" on Sunday. Both women wept and thanked Taylor's team. "I committed from the very beginning when I was a little girl that I was going to find him or follow him or keep his memory alive, whatever I could do," said Kathy Taylor, who isn't related to Tim Taylor.

*The USS Grayback sank in February 1944 after a Japanese aircraft hit it with a 500-pound bomb.  
(Tim Taylor-Lost 52 Project)*



Navy officials hailed Taylor's discovery for closing a long-open chapter for the submarine and its crew. "Each discovery of a sunken craft is an opportunity to remember and honor the service of our sailors," Robert S Neyland, the head of the Naval History and Heritage Command's Underwater Archaeology Branch, said in a statement. "Knowing their final resting place brings closure, in some part, to their families and shipmates as well as enables our team to better understand the circumstances in which the boat was lost." Taylor said he hopes his project casts more light on the thousands of sailors who died on submarines, many of whose heroic exploits were classified until decades after World War II. "It's a missing piece of their family stories and their legacy," Taylor said. "It haunts these families for their whole lives. It's very sad but rewarding to show these people finally where their loved ones sacrificed their lives.

## **Cocktails, Anyone? How The Molotov Cocktail Came to Be**

*Stephen J Thorne March 8, 2022*



*The Molotov cocktail has become a popular weapon among ordinary Ukrainians mounting a resistance against a Russian invasion.*

More than 80 years ago, in November 1939 while the rest of the world's attention was arrested by the escalating war with Adolf Hitler, Soviet Red Army troops

invaded Finland. Yes, Finland. Back in Moscow, Soviet dictator Josef Stalin wanted to trade territories with Finnish President Kyösti Kallio, claiming the security of Leningrad, 32 kilometres from the countries' border, was at stake. When Kallio said no, Stalin ordered an invasion. Many historians believe the Georgian revolutionary's goal was to conquer the entire country, not just select territories. Finland put up a courageous fight. The Soviets suffered international condemnation, its military was slapped with a disproportionately high number of casualties (5:1) yet, in the end, Stalin walked away with nine per cent of Finland's territory.

The world has all but forgotten what became known as the Winter War but many are well aware of its most distinct weapon, the Molotov cocktail, or *Molotovin koktaili* in its original Finnish. The Molotov cocktail has emerged as a weapon of convenience. Today, Russian troops are invading Ukraine and the parallels between Vladimir Putin's unnecessary war and Stalin's are, well, jarring—Putin's motives, the price the misadventure is exacting on his army, and the role the glass jars and bottles filled with flammable mixtures and stuffed with cloth wicks are playing in Ukraine's inspiring resistance. As Ukrainian citizens walked away from everyday life and took up arms to defend their country alongside soldiers, the Molotov cocktail has emerged as a weapon of convenience, along with the ubiquitous AK-47 assault rifle (a Russian invention.) The Ukrainian Ministry of Defence urged civilians to produce Molotov cocktails, and a Ukrainian TV channel broadcasted a recipe that included Styrofoam as a thickening agent to help stick the burning liquid to vehicles and other targets.

In the western Ukrainian city of Lviv, the Pravda Brewery stopped making its craft beer and instead filled the empty bottles with Molotov cocktails, sending them to hot spots around the country, including roadblocks and the besieged capital of Kyiv. The dry-hopped golden ale—and now the deadly cocktail—was appropriately labelled *Putin Huilo*, which translates as “Putin is a dickhead.” Brewery owner Yuriy Zastavny said he and his workers consider it their patriotic duty to bring to bear the expertise and experience gained during the 2014 Maidan Revolution, when Ukraine's citizenry revolted against their authoritarian, pro-Russian president Viktor Yanukovich. He's been in Russian exile ever since. “There is a high time in everyone's life when you have to mobilize yourself to use all your knowledge, all your energy, everything you have lived for and everything you have gained in life to turn it into making the fall of this [Russian] empire possible,” Zastavny told Britain's *Sky News*. “We have put our own money and built on our knowledge of chemistry and our experience...to make good-quality Molotov cocktails.”

Elsewhere, at a former industrial complex that was used as a creative hub and rave space before the invasion, young Ukrainians were operating an improvised Molotov factory, stocked with bottles, some with apple juice labels, and flowery linen squares to be torn into strips and used as fuses. History student Daniel Mediakovskiyi, 20, admitted to *The Guardian* newspaper a Molotov wouldn't stop the Russian army, but he stressed “it will break Russian soldiers mentally, and show them they are not welcome here.” The Finns didn't invent the Molotov cocktail. That distinction goes to Franco's Nationalist forces of the 1936-1939 Spanish Civil War, who first used simple petrol bombs against Soviet T-26 tanks. The tanks were supporting Spanish Republicans in a failed assault on the Nationalist stronghold of Seseña.



*Pravda Brewery, based in Lviv, has suspended its normal operations in favour of producing Molotov cocktails for the Ukrainian resistance.*  
PRAVDA BREWERY

These “petrol bombs” were made up of a one-kilogram glass jam jar filled with gasoline. The fighter would then wrap the mouth of the jar with heavy curtain or part of a blanket, tie it round the neck with string and leave the ends of the material loose. With a “lighter” standing by, match in hand, the fighter would then tilt the jar so the gas would seep into the material, forming a wick, then tilt the bottle upright and, as one veteran told *Picture Post* in 1940, “wait for your tank.” “Do not play with these things,” he added. “They are highly dangerous.” “When near enough, your pal lights the petrol-soaked corner of the blanket,” he said. “Throw the bottle and blanket as soon as this corner is flaring. See that it drops in front of the tank. The blanket should catch in the tracks or in a cogwheel, or wind itself round an axle. “The bottle will smash, but the petrol should soak the blanket well enough to make a really healthy fire, which will burn the rubber wheels on which the tank track runs, set fire to the carburetor or frizzle the crew.

The Finns refined the bomb’s mix, and the tactics used to deploy it, against the same T-26 tanks. They named the weapon after Soviet Foreign Minister Vyacheslav Molotov, a signatory to the Molotov-Ribbentrop Pact. That August 1939 non-aggression deal between the USSR and Nazi Germany had a secret protocol that defined the two countries’ spheres of influence. The Soviets’ included Finland, which Moscow then invaded three months later. “The Finns’ policy was to allow the Russian tanks to penetrate their defences, even inducing them to do so by ‘canalising’ them through gaps and concentrating their small arms fire on the infantry following them,” said a June 1940 British War Office report. “The tanks that penetrated were taken on by gun fire in the open and by small parties of men armed with explosive charges and petrol bombs in the forests and villages. “The essence of the policy was the separation of the [armoured fighting vehicles] from the infantry, as once on their own the tank has many blind spots and once brought to a stop can be disposed of at leisure.” The T-26s ran on an air-cooled gas engine and were particularly vulnerable to Molotov cocktails due to some fundamental design flaws. A Molotov cocktail thrown on the tank’s rear deck would spill burning liquid through the air intakes or grill into the engine compartment. There it would set oil, grease and rubber tubes on fire, creating all the elements needed for an engine explosion. The crew compartment would fill with smoke, and worse—the fuel could also seep through seams in the armour and ignite inside the vehicle.

The Finnish defenders knocked out almost 2,000 Russian tanks during three-and-a-half months of fighting, an estimated 400 of them by fire alone, primarily started by Molotov cocktails. The Molotov cocktail made its way into mainstream military units and wars of resistance. “Subsequent tank designs make them much harder targets,” technology journalist David Hambling wrote for *Forbes* on March 2. “Later tanks had water-cooled diesel engines that were

much harder to get burning fuel into, and diesel is less prone to explode. “With no connection between crew and engine compartments and better protection for the crew, tanks like the Russian T-34 could not be destroyed or halted so easily.” Still, the Molotov cocktail made its way into mainstream military units and wars of resistance. It was a base weapon for Britain’s Home Guard after France fell to Hitler’s forces and the British Isles expected an amphibious invasion early in the Second World War.



A Canadian soldier throws a Molotov cocktail during exercises.

WIKIPEDIA

“You throw half a dozen or more [Molotov cocktails] on [a tank and] you have them cooked,” said Field Marshal William Ironside, chief of the British general staff at the time. “It is quite an effective thing. If you can use your ingenuity, I give you a picture of a [road] block with two houses close to the block, overlooking it. “There are many villages like that. Out of the top windows is the place to drop these things on the tank as it passes the block. It may only stop it for two minutes there, but it will be quite effective.” Molotov cocktails were used widely by Polish and Norwegian troops during the Second World War. Even the

U.S. Marine Corps developed a version using nitric acid and a lump of metallic sodium to ignite a gasoline/diesel fuel mix. The Marines used them to clear houses as recently as the Second Battle of Fallujah in Iraq in 2004—“one part liquid laundry detergent, two parts gas.” They were also long a favourite weapon of the Irish Republican Army; and when Taliban fighters weren’t setting off roadside bombs, they used Molotov cocktails to some success in Afghanistan.

During the Winter War, Molotov cocktails were eventually mass-produced by the Alko corporation at its Rajamäki distillery in southern Finland, 45 kilometres from Helsinki. The bottled mixture of 750 millilitres of ethanol, tar and gasoline was bundled with matches. Production totalled 450,000. As with Russians in present-day Ukraine, the Soviets entered Finland with superior military strength but suffered severe losses and initially made little headway. The League of Nations deemed the attack illegal and expelled the USSR from its ranks. The war ended in March 1940 with between 321,000 and 381,000 Soviet casualties, including up to 167,976 Red Army troops dead or missing. The Finns suffered 70,000 casualties, 25,904 of them KIA or MIA.

Ukrainian President Volodymyr Zelenskyy claimed that some 6,000 Russian soldiers were killed in the first six days of the Russian invasion, with official Russian estimates of Ukrainian military deaths at less than half that number. At the basement bomb factory near Lviv, *Guardian* correspondent Luke Harding reported that the air was pungent with the aroma of petrol and paint remover, polystyrene and silver dust. “We call them Bandera smoothies,” said Lily Eleanor, a 25-year-old public relations agent who, within days of Russian troops entering Ukraine on Feb. 24, left her job in the fashion industry and was making the bombs. (Stepan

Bandera was a wartime nationalist leader in Ukraine.) “I love the smell,” she said. “It’s the smell of freedom.”

## **Moth Wings Could Inspire a New Generation of Soundproofing Material**

Bob McDonald's blog: new research suggests that microscopic scales on moth wings act as sound absorbers. *Bob McDonald · CBC Radio · Jun 17, 2022*



*A visitor points to a moth in an ecosystem created specifically so the public can get close to the marvels of butterflies and moths.*

*Andreas Solaro / AFP via Getty Images*

Scientists at the University of Bristol in England have found that moth wings are excellent absorbers of sound in ways that could have a huge impact on soundproofing technologies for buildings and transportation. Moths can be masters of camouflage, many with markings on their wings that blend in with the colour of tree bark, making them difficult for predators to spot. Now researchers [have found](#) that another way they hide — by absorbing the sounds emitted by bats, one of their main predators, using their wings — could offer clues for reducing sound that bounces off of solid surfaces. The moth's sound-absorbing wings make it practically invisible to the bat because far less sound is returned when the bat uses echolocation to find prey. This effect is similar to radar absorbing coatings used on stealth aircraft. Under the microscope, a moth's wing is made up of tiny scales with holes that absorb ultrasonic sound waves, these sounds are emitted by bats at a higher frequency than humans can detect.

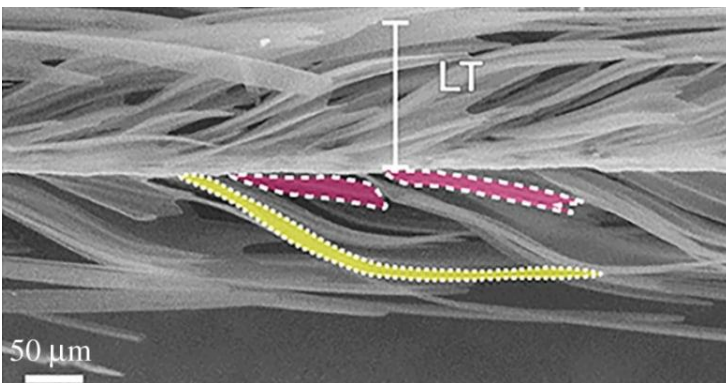
*Moths swarm around lights in large numbers emitting very little sound thanks to their sound-absorbing wings.*

*David McNew / Getty Images*



*This scanning electron microscopy image shows a cross-section of the Chinese oak silk moth's wings that highlight the pink base scales and covering yellow scales that are attached to the membrane.*

*University of Bristol*

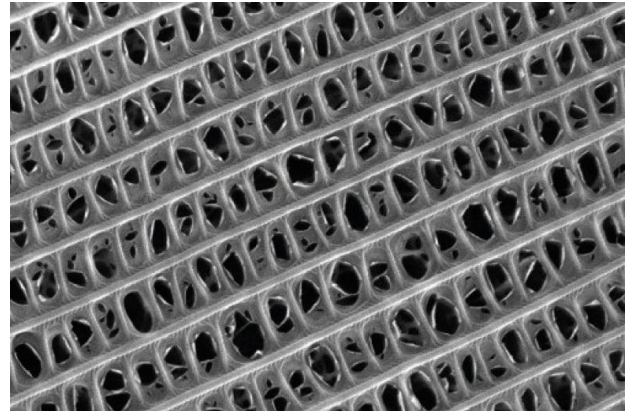


In an experiment, a small section of a wing was placed over a highly reflective aluminum disc then sound waves were aimed at the disc to see how much sound was reflected back. To their amazement, the scientists found the moth wing absorbed up to 87 per cent of the sound that struck

the surface over a wide range of frequencies and angles at which the sound waves struck the wing. The remarkable aspect is how thin the wing scales are — only two per cent as wide as the width of the wavelength of sound they are absorbing, which is much thinner than conventional sound proofing material.

*This scanning electron microscopy image shows a close-up view of the base scale (seen in pink in previous image) with parallel ridges and cross ribs.*

*University of Bristol*



The scientists also tested stripped down versions of the moth wing for their sound absorbing abilities. The wings' cross section has scales above and below the membrane they're connected to. When the scales on the top were removed, leaving the membrane layer exposed to the sound source with the scales underneath, the researchers unexpectedly found it absorbed sound almost as well as the intact wing. They predict that if the microscopic structure of a moth wing could be emulated in manufacturing and scaled up to industrial size and tuned to the lower sound frequencies we hear in everyday life, it could have a huge impact on buildings, homes and transportation, especially aircraft, which must be soundproofed against propeller and jet noise. Ultra-thin sound absorbers would save weight on aircraft and, in turn, save on fuel.



*Scientists in England tested cross sections of the wings from *Antheraea pernyi*, moth species otherwise known as Chinese oak silk moth, to investigate their wings' sound-absorbing qualities. Ivo Antušek / [www.biolib.cz](http://www.biolib.cz)*



*Fighter jets like the F-35 A Lightning II use materials to absorb radar in a similar fashion to how moth wings reflect sound emitted by bats.*

*Fabrice Coffrini / AFP via Getty Images*

City buildings could be insulated against traffic noise, and it may even be possible to design moth-inspired wallpaper to make your home a quieter place. This is not the first-time scientists and engineers have taken cues from nature to make technology quieter. Owls are silent fliers and part of the secret to their stealth is the serrated shape formed by the edges of their feathers. The serrations on the leading edge of the wing help to smooth out the airflow, reducing the turbulence that would otherwise create sound, which is then further dampened by the wings' velvety down feather texture and soft fringe along the feathers' trailing edges.





*A Short Eared Owl silently hunts at Elmley National Nature Reserve in England.*

*Dan Kitwood / Getty Images*



*Close-up images of a Great Horned Owl's wing showing the leading edge comb, bottom left, and the trailing-edge fringe, bottom right.*

*Krista Le Piane*



*Designers of modern jet engines have taken tips from the owl and designed serrated edges on the back of the engines and wings to make the jets quieter. Research has also shown that adding serrations to the trailing edges of wind turbine blades reduces noise as well. The Boeing 737 Max uses serrated edges along its wings and on the outer part of its engines. Joe Raedle / Getty Images*

We live in an increasingly noisy world, and sound can be detrimental to health, such as when it disturbs sleep or causes stress. Nature has had millions of years of evolution to find elegant solutions to this loud problem.

## **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)

### **Cougar Salvo 2007**

New photos from 2007 have been uploaded. Check them out here: <https://www.vancouvergunners.ca/cougar-salvo-2007.html>

## Yorke Island

More photos and videos thanks to Ross Keller, our Honorary Battery Commander.

<https://www.vancouvergunners.ca/yorke-july-2021.html>

## Captain Mark Staples

A former member of the Regiment has done well on his Instructor Gunnery course.

<https://www.vancouvergunners.ca/whats-new/former-member-15-rca>

## Battlefield Tour 2022

Check out the latest on the Battlefield Tour that was cancelled in 2020!

<https://www.vancouvergunners.ca/whats-new/battlefield-tour-2022>

<https://www.vancouvergunners.ca/whats-new/battlefield-tour-20226921255>

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:** The **Simms Motor War Car** was the first armoured car ever built, designed by FR



Simms. A single prototype was ordered by the British Army in April 1899, a few months before the Second Boer War broke out. It was built by Vickers, Sons & Maxim of Barrow on a special Coventry-built Daimler chassis and had a German-built Daimler engine. Because of difficulties that arose, including a gearbox destroyed by a road accident, Vickers did not deliver the prototype until 1902, and by then the South African wars were over. The vehicle was an improvement

over Simms's earlier design, known as the *Motor Scout*, which was the first armed (but not armoured) vehicle powered by a petrol engine. The vehicle had Vickers armour 6 mm thick and was powered by a four-cylinder 3.3-litre 16 Horsepower Cannstatt Daimler engine, giving it a maximum speed of around 9 miles per hour (14.5 km/h). The armament, consisting of two Maxim guns, was carried in two turrets with 360° traverse. Some sources also mention a single QF 1 pounder pom-pom. Fully equipped, the vehicle had a length of 28 feet (8.5 m) overall, with a beam of 8 feet (2.4 m), a ram at each end, two turrets, and two guns. It was "capable of running on very rough surfaces".<sup>[1]</sup> It was designed to be operated by a crew of four men. The Simms Motor War Car was presented at the Crystal Palace, London, in April 1902.

**This Week:** What, you say! Didn't you feature that a couple of weeks ago, the British light "tank destroyer" FV 4401 "Contentious"? Well, we did feature that interestingly named vehicle, but, although similar, this one is not a relative. It's not even from the Mother Country, we think,

unless you have a different definition of that term, in which case we sincerely apologize to you and your relatives, just to be on the safe side. This armoured fighting vehicle was obviously designed for hilly country, having both an “uphill” and a “downhill” mode. We think this shows the latter. We are not sure if the scruffy driver is a serviceman, or a technician, as the type of haircut was common to both in the decade in which this thingy was produced.



Of note, but not clear in the photo, is the huge muzzle brake. Also of note, when not ascending or descending mountains, is the very low profile of this interesting piece of kit.

So, do you know what it is? Whatever happened to it? Is that you with the moustache? If you think you know, contact the moustachioed editor, Bob Mugford ([bob.mugford@gmail.com](mailto:bob.mugford@gmail.com)), or the downhill tanking expert author, John Redmond ([johnd.redmond@telus.net](mailto:johnd.redmond@telus.net)). Tanks.

### **From the ‘Punitary’**

What did the surgeon say to the patient who insisted on closing their own incision? Suture self.

### **Murphy’s Other Laws**

Diplomacy is the patriotic art of lying for one’s country.

### **Quotable Quotes**

Be thankful for what you have; you’ll end up having more. If you concentrate on what you don’t have, you will never, ever have enough. *Oprah Winfrey*

## 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



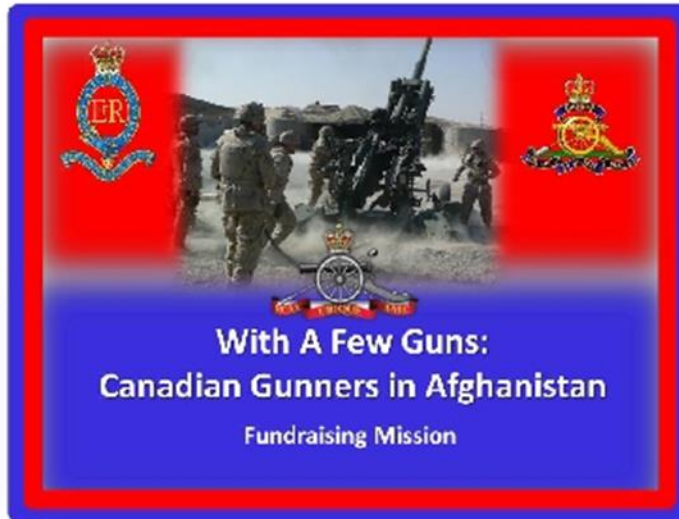
Zoom is the leader in modern enterprise video communications, with an easy, reliable cloud platform for video and audio conferencing, chat, and webinars across mobile, desktop, and room systems. Zoom Rooms is the original software-based conference room solution used around the world in board, conference, 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](mailto: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 50<sup>th</sup> 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 - 2022 CDCB Customer Appreciation Contest**

The official bank of the Defence Community

## 2022 CDCB Customer Appreciation Contest Full Contest Rules

**No purchase necessary.** Your participation in this contest constitutes full and unconditional agreement and acceptance of these contest rules and regulations. By participating in the contest, each participant represents and warrants that they meet these eligibility requirements and that they have read, accept and agree to be legally bound and comply with these rules (the “contest rules”).

### Contest period

The 2022 BMO CDCB Customer Appreciation Contest (the “Contest”) begins on **June 13, 2022**, at 12:00:01 a.m. Eastern Time (“ET”) and ends on **September 30, 2022**, at 11:59:59 p.m. ET (the “Contest Period”).

### Eligibility

This Contest is open to **Canadian Defence Community Banking (CDCB), Bank of Montreal** customers who have a BMO Canadian Dollar Primary Chequing Account under a **CDCB Bank Plan** (Performance Plan or Premium Plan) as of June 13, 2022, who are legal residents of Canada and have reached the age of majority in their province or territory of residence. BMO accounts under a CDCB Bank Plan opened after September 30, 2022, do not qualify.

Employees (and those people with whom they are domiciled) of Bank of Montreal, and/or their subsidiaries or affiliates (collectively “BMO” or the “Sponsor”), or their respective advertising and promotional agencies, prize suppliers or the independent Contest administrator and their respective representatives are not eligible to enter the Contest.

### How to enter

#### No Purchase Necessary:

When you open a **BMO Canadian Dollar Primary Chequing Account** under a CDCB Bank Plan (Performance Plan or Premium Plan) **June 13, 2022 and September 30, 2022**, you will automatically be entered into the contest for the draw.

For existing BMO Canadian Defence Community Banking (CDCB) customers with a BMO Canadian Dollar Primary Chequing Account under a CDCB Bank Plan:

- Visit [bmo.com/summer](https://bmo.com/summer) contest and complete all the required fields in the online registration form.
- Once you have completed your registration, you will be entered into the contest for the draw.

Each “lead account” on the CDCB Bank Plan will be entered as one eligible. The “lead account” must be open and in good standing on June 13, 2022 in order to qualify as an entry. The 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.

### Prizes

There are thirteen (13) prizes in total (each a “Prize”), with total prizes valued at \$80,000 available to be won during the Contest Period. There will be one (1) Grand Prize of \$20,000 cash and an additional twelve (12) prizes of \$5,000 cash for a total value of \$60,000.

There is a maximum of one (1) Prize per person. By accepting the Prize, the winner agrees that he or she is solely responsible for any consequences of accepting the Prize. The Prize is not transferable and will be awarded to the winners only. The Prize must be accepted as awarded.



## General

- 1** This Contest is subject to all applicable federal, provincial and municipal laws and regulations.
- 2** All entries become the property of the Sponsor and will not be returned and proof of submission of a registration form or entry will not be proof of submission.
- 3** By entering the Contest, each entrant agrees to abide by these Contest Rules. This Contest is subject to all applicable federal, provincial and municipal laws. Void where prohibited by law. The decisions of the contest judges with respect to all aspects of this Contest are final and binding on all entrants without right of appeal. For Quebec residents: Any litigation respecting the conduct or organization of a publicity contest may be submitted to the Régie des alcools, des courses et des jeux for a ruling. Any litigation respecting the awarding of a prize may be submitted to the board only for the purpose of helping the parties reach a settlement.
- 4** By entering this Contest, entrants agree to hold harmless the Released Parties against any and all liability, damages or causes of action (however named or described) with respect to or arising out of:
  - i. entrant's participation in the Contest;
  - ii. the receipt or use/misuse of the prize (or any component thereof) awarded therein; and
  - iii. the administration of the Contest and distribution of the prizes.
- 5** All entries are subject to verification at any time and for any reason. The Sponsor reserves the right, in its sole and absolute discretion, to require proof of identity and/or eligibility (in a form acceptable to the Sponsor – including, without limitation, government issued photo identification):
  - i. for the purposes of verifying an individual's eligibility to participate in this Contest;
  - ii. for the purposes of verifying the eligibility and/or legitimacy of any entry entered (or purportedly entered) for the purposes of this Contest; and/or
  - iii. For any other reason the Sponsor deems necessary, in its sole and absolute discretion, for the purposes of administering this Contest in accordance with these Rules. Failure to provide such proof to the satisfaction of the Sponsor in a timely manner may result in disqualification in the sole and absolute discretion of the Sponsor.
- 6** The Sponsor reserves the right to disqualify any person and void any entries of that person who it believes has tampered with the entry process or any other component of the Contest, whose conduct or action affects the administration, security or fairness, integrity or proper conduct of the Contest, or who fails to meet or abide by the Contest Rules.
- 7** The Sponsor will not be responsible for late, lost, illegible, fraudulent, misdirected, incomplete, destroyed registration forms or entries or for entries bearing insufficient postage. All such registration forms and/or entries will be void.
- 8** The Sponsor does not assume any responsibility and will not be liable for any failure of the telephone number(s) during the Contest, tampering, theft, defects, viruses, human errors including negligence, deletions, technical or telephone, computer line, network, server, access providers, computer equipment or software problems, undeliverable messages, computer errors, lost, misdirected, late or incomplete entries or inaccurate capture of information or any online difficulties that may result in computer damage or malfunction or the failure of the Sponsor to receive or process any entry and otherwise award any prize. The Sponsor is not responsible for printing errors appearing in these rules or related Contest materials. In addition, the Sponsor will not assume any responsibility of any nature whatsoever in all cases where their inability to hold the Contest or to remit the prizes to the winners results from a cause beyond their control, including acts of god, weather conditions, strike, lock-out or other labour dispute.
- 9** Any attempt to deliberately damage any telephone number or website or to undermine the legitimate operation of this Contest is a violation of criminal and civil laws, and should an attempt be made, the Sponsor reserves the right to seek remedies and damages to the fullest extent permitted by law.
- 10** The Sponsor, with the consent of the Régie (if applicable), reserves the right to cancel or suspend this Contest in the event of any accident, printing, administrative, or other error of any kind without prior notice or obligation.
- 11** The Sponsor reserves the right subject to the approval of the Régie (if applicable) to withdraw or amend this Contest in any way, in the event of an error, tampering, unauthorized intervention, fraud or any other cause beyond the reasonable control of the Sponsor that interferes with the proper conduct of this Contest as contemplated by these Contest Rules.
- 12** By entering this Contest, each entrant expressly consents to the Sponsor, its agents and/or representatives, storing, sharing and using the personal information submitted with his/her entry for the purpose of administering the Contest and in accordance with Sponsor's Privacy Policy available at: [bmo.com/privacy](http://bmo.com/privacy).



## Draw and winner selection

On November 07, 2022, in Toronto, ON, starting at approximately 10:00 a.m. ET, one (1) eligible entrant will be selected by random draw from all eligible entries for the Grand Prize of \$20,000 cash; another twelve (12) eligible entrants will be selected by random draw from all eligible entries for the additional twelve (12) cash prizes of \$5,000. The odds of winning depend on the total number of eligible entries during the Contest Period.

The first entrant whose name is selected at random from all eligible entries will be awarded the Grand Prize. All prize winners will be notified by telephone or email at the telephone number or email address associated with the entrant's BMO Account within seven (7) calendar days of the draw date. Before being declared a winner, the selected entrant must first correctly answer, unaided, a time-limited mathematical skill-testing question to be administered by telephone or mail.

The selected entrants will be required to sign and return, within ten (10) calendar days of notification, the Sponsor's standard form of Declaration of Liability, Waiver and Publicity Release (the "Release") which, among other things:

- a. confirms compliance with the Contest Rules;
- b. releases the Contest Sponsor, its affiliated companies and agents, advertising and promotion agencies and each of their respective officers, directors, agents, representatives, successors (collectively "Released Parties") and assigns from any liability in connection with the Contest, the entrant's participation therein and/or the awarding and use or misuse of the Prize or any portion thereof; and

- c. grants to the Released Parties the right to use the selected entrant's name, address (city and province/territory) and likeness in any form of advertising relating to the Contest without further notice or compensation in any publicly or for promotional purposes carried out by or on behalf of the Sponsor. If a selected entrant does not meet any one of the Contest conditions as follows:
  - i. the selected entrant cannot be contacted by mail or telephone within ten (10) calendar days of selection or there is a return of any prior notification as undeliverable;
  - ii. the selected entrant fails to correctly answer the mathematical skill-testing question;
  - iii. the selected entrant's BMO Account is closed or is not in good standing; or
  - iv. the selected entrant does not sign and return the properly executed Release within the specified time, that entry can, in the sole and absolute discretion of the Sponsor, be disqualified and the Sponsor shall be entitled to select a new eligible winner from all remaining eligible entries.

The Sponsor is not responsible for any failure to contact any potential winner, whether as a result of human error or otherwise. Once declared a winner, the selected entrant will be directed as to how to claim his or her Prize.

