

## Van Arty Association and RUSI Van Members News July 13, 2021

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>

**Wednesday Lunches - Lunches suspended until further notice. Everyone stay safe!!**

The **2021** BC Military Gala is **CANCELLED**. The Sheraton Wall Ctr is booked for Apr 23, **2022**

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

- Jul 14** Wednesday 'Zoom' Lunch meeting  
Juno Beach Online Historical Tour - The Air Support Rollercoaster and  
French-Canadian Infantry Units In Normandy
- Jul 21** Wednesday 'Zoom' Lunch meeting
- Jul 28** Wednesday 'Zoom' Lunch meeting  
Juno Beach Online Historical Tour - French-Canadian Infantry Units in Normandy

## Modernization of RCAF SAR Helicopters Deemed Unaffordable

Project on hold for now. *David Pugliese Ottawa Citizen Jul 05, 2021*

In August 2019, Defence Minister Harjit Sajjan announced a plan to spend more than \$1 billion to buy two more Cormorant helicopters and upgrade the rest of the 14 aircraft in the fleet. But by November 2020 the Department of National Defence informed the aerospace firm Leonardo that its proposal was unaffordable. A new scaled back pitch was submitted earlier this year, but the project is on hold for now, Department of National Defence officials say. "Negotiations with the contractor were put on pause due to the proposals being unaffordable," noted a DND update on the status of the Cormorant helicopter modernization project. "The project office and the RCAF are investigating alternate solutions to address emerging obsolescence with approved budget."



*In 2020, DND informed aerospace firm Leonardo that its proposal to modernize the Canadian military's search and rescue helicopters was unaffordable.  
Photo by File Photo*

Officials with Leonardo, the Italian aerospace firm whose subsidiaries originally built the CH-149 Cormorants, were not immediately available for comment. The CH-149 Cormorant fleet entered service in the year 2000. Canada originally bought 15 Cormorants, but one crashed in 2006. The project would have seen the CH-149s upgraded to a design being used by Norway for its search and rescue missions. Using an already established configuration would have allowed the project to proceed faster, according to DND officials. The modernization program was to have included improved sensors and upgrades to navigation systems, communication systems, and flight recorder systems to comply with new Canadian, US and European airspace regulatory requirements. A new avionics suite with improved navigation and communications systems would also have been installed.

Troy Crosby, the assistant deputy minister at the DND who oversees procurement, said the department and the RCAF will now examine what other options could be available for the helicopters. "First and foremost, we will ensure the helicopters will remain capable and available," he said in an interview. "But the Cormorant mid-life upgrade project had sought to do more than that and we'll have to look at what we can achieve through various options." He said the DND will continue to work with Leonardo to determine what can be done. Crosby noted that some improvements to the helicopters are considered more important than others. "I estimate it will take us another six or more months on how best to proceed," he added. The original plan was to have the first upgraded Cormorant delivered next year. The modernization program would have allowed the aircraft to keep operating until 2042.

Powered by three engines, the Cormorants are known for their long-range capability, large cargo space and rear ramp. The helicopter can carry up to 12 stretchers, according to the RCAF. Another aircraft firm, Sikorsky, had pitched the DND on buying new search and rescue helicopters. Sikorsky argued that its Cyclone helicopter, which is currently being operated by the RCAF for maritime missions, would have fit the bill and would be more affordable in the long run than the plan to modernize the Cormorants. That proposal, however, was rejected by the DND. The RCAF also examined using a fleet of US presidential helicopters bought by Canada in 2012, originally for parts for the Cormorant fleet. That purchase included seven new aircraft

which were from the same family of helicopters as the Cormorants. The air force was told by the aerospace industry that modifications could be made to the American presidential fleet so they could be added to the flight line. But that plan was rejected, and the decision was made to proceed with the Cormorant upgrade.

## **Fall of Panjwaii Casts a Long Shadow over Canada's Afghan War Veterans**

After years of bloodshed, the Canadians who served are asking themselves whether any of it was worthwhile. *Murray Brewster · CBC News · Jul 10, 2021*



*A Canadian CH-147 Chinook helicopter takes off outside a combat outpost in Panjwaii, Afghanistan in June 2011. (Murray Brewster/The Canadian Press)*

The declaration that Panjwaii — a wild, angry district of Kandahar province in Afghanistan — had fallen to the Taliban was greeted this week with a mixture of shock, numbness and resignation by many of the Canadian soldiers who fought in that part of the country for the better part of five years. A lot of Canadian blood was spilled on that lonely, scorched patch of land. Some of it belonged to former corporal Bruce Moncur. There was also a lot of sweat and heartbreak folded into the gnarled, sun-bleached grape and marijuana fields in this region west of Kandahar City. Just ask retired leading seaman Bruno Guevremont.

*Panjwaii District centre as seen from the Canadian military's forward operating base at Ma'sum Ghar, west of Kandahar City, in the spring of 2009.*

*(Murray Brewster/The Canadian Press)*



In many ways, both men left a little bit of themselves behind in Panjwaii — a sprawling, once-prosperous checkerboard of sand, farmland and ancient, dead volcanic hills that rise steeply out of the desert floor. When soldiers referred to the killing fields of Kandahar, more often than not they were talking about Panjwaii — where Canadian troops did most of their fighting and dying amid endless fields, mud-walled compounds and empty villages. Against an often-unseen enemy, they fought for the place over and over again throughout the five-year combat mission, which formally ended a decade ago this week.

The Taliban — the enemy that Canadian soldiers managed to keep at bay but never quite defeat — swept through Panjwaii last weekend, handing Afghan Army troops a significant defeat and delivering a major psychological blow in the wake of the American withdrawal. Following up

on their victory in Panjwaii, Taliban insurgents reportedly penetrated Kandahar City late in the week. The Taliban desperately wanted control of Kandahar City, the second largest in Afghanistan, and spilled a lot of their own blood trying to get there — mostly with the Canadians standing in the way. The city and its surrounding region was their spiritual home, birthplace and first seat of power, a place from which they projected their own brutal version of Islam in the 1990s.



*Retired leading seaman Bruno Guevremont, a former bomb disposal technician who served with the Canadian Army in Afghanistan. (Bruno Guevremont/Facebook)*

Guevremont said he was shaken by the thought that the villagers he'd protected, and sometimes shared tea and flatbread with, were about to return to that kind of misery. "What's the feeling I got when I heard that Panjwaii, (the Afghan National Army) had withdrawn and the Taliban was moving back in? It was anxiety. It was exhaustion," said Guevremont, who dismantled insurgent bombs and disarmed a live suicide bomber single-handed in the spring of 2009. "It's like, this is never-ending. It's never going to end. I'm thinking about the local population. I mean, I made friends over there."

*Bruno Guevremont says he is the only member of the Canadian Armed Forces to dismantle a suicide vest on a live bomber. (Bruno Guevremont/Facebook)*



He said the news brought back vivid memories of the three times his team was called in to defuse bombs at schools. "Once, we got there too late where an IED had actually detonated on a school, so a lot of children had died," said Guevremont. "There were two where IEDs were prepared to go off when the kids came out of school and we got there in time and dismantled those IEDs." While he worries about the ordinary Afghans caught in the path of the advancing Taliban, he said he also remembers the insecure feeling of being an outsider among Afghans — of not knowing who could be trusted. Guevremont recalled being asked by locals to respond to a report of a rocket strapped to the underside of a bridge — only to discover that he'd been led into a minefield. He had to dig and tiptoe his way out. Ten years later, he is left with a sense of dismay — and futility. "So, you're thinking, 'What did we do for 20 years? What did we do there for the whole time that we were there?'" he said. He's not the only one asking those questions.

The hardened resolve and patient, wait-and-see attitude shared by the 40,000 Canadian troops who served in Afghanistan showed cracks here and there on social media this week. What *was* it all for? It's a question that, over the past decade, has been answered with the claim that Canada's intervention empowered Afghans to choose their own destiny. But for some former soldiers, fatalism has taken over. "It was an inevitability," said Moncur, who suffered a major head wound in 2006 at the onset of Operation Medusa, the biggest battle fought by Canadians during the war. "I honestly thought it was going to happen. I never thought the Taliban stranglehold on Kandahar was going to be broken for that long." Moncur and many soldiers like him take a pragmatic view of their service in Afghanistan: they had a job to do — keeping the Taliban at bay — and they did it. "It's been 20 years now, a generation, and we lost a lot of blood and guts. But they lost too," he said, referring to the full sweep of western involvement in Afghanistan following the 9/11 terrorist attacks on New York and Washington. There is a phrase the Taliban liked to use in their propaganda against western forces: "You have the watches, but we have the time." Moncur said he has grown to appreciate the truth of that claim. "The inevitability was, unless we were willing to retain that presence for a millennium, they were ultimately going to come out on top," he said.



*Bruce Moncur (right) in southern Afghanistan in 2006. (CBC News)*

Moncur said he believes the war was not worth the sacrifice in lives and treasure. As a veterans' advocate who is married to NDP MP Niki Ashton, there is an important political dimension to his feelings about Panjwaii. If Canada, he said, was serious about everything it claimed (and sometimes continues to claim) about its presence in Afghanistan, it would have not walked away from combat operations in 2011 and would not have left the country entirely in 2014. "I have a hard time grappling with some of the politics that come after this, the decisions to leave," he said. "I mean, we didn't finish the job." For soldiers like Moncur, mixed in with that remorse and dismay over the fall of Panjwaii is a sense that Canada's war in Afghanistan is ancient history now. "I've moved on," he said. "I think a lot of the vets have moved on from this. "I think if you had to ask them what they're more concerned about, the Taliban taking over Kandahar province or perhaps the state of the military within our country, I'm pretty sure most guys would be talking about what is going on with the Canadian military now."

But Canada left some loose ends behind in Afghanistan — flesh-and-blood ones. Growing calls for Ottawa to rescue the local Afghan translators who worked for the Canadians and were left behind after 2014 have put the Liberal government on the spot in recent days. Those calls started with ordinary soldiers but are now coming from some of the country's top former commanders — who say they're not prepared to see people who risked their lives for Canada sacrificed to the Taliban.

## How Canadian Scientists Decoded a Nazi War Machine

Remotely controlled glide bombs were a precursor to the modern drone

*Evan Munday · Mar 2017*



August 1943: The Canadian crew of the *HCMS Athabaskan* wasn't expecting to see a bomb change direction mid-air. But during an anti-submarine patrol in

the Bay of Biscay off the north coast of Spain, that's exactly what happened. The terrified crew had spotted a brand new weapon from Nazi Germany, one that could attack Allied battleships with never-before-seen precision. These "glide bombs" were remotely-controlled — via joystick — from the planes that dropped, then guided them to hit the Allied ships. The new weapons threatened to wipe out the entire Allied navy: it only took two to sink a battleship. In one early glide bomb attack, the *Athabaskan* was badly damaged and the *HMS Egret* (a fellow British ship) was sunk, killing 197 troops. Despite the power and threat of these high-tech (for the time) new weapons, many Canadians at home had no idea they existed. In secret, Canadian technologists sprung into action to develop a counter-defence that would end the carnage at sea.

Canadian daredevils could choose from a wide range of dangerous occupations in 1943. Among the most treacherous: sailor in the Royal Canadian Navy. Working on a ship at wartime always carries an inordinate number of threats, but Nazi Germany raised the stakes with the development of radio-controlled glide bombs — precursors to the modern drone, dubbed "ship killers." Appearing in two flavours — the Ruhrstahl SD 1400 (or 'Fritz-X') and the Henschel Hs 293 — the missiles were designed to devastate warships and sink supply and escort ships. Dropped by planes at a great height, far from the danger of a ship's anti-aircraft guns, the bombs were remotely controlled through radio signals sent to spoilers attached to their rear. This turned ships (typically tricky targets) into proverbial sitting ducks. Glide bombs ... introduced the idea of precision-guided weapons into modern warfare. This threat to wartime shipping operations was so great that, according to author Martin J. Bollinger, the existence of radio-controlled glide-bombs was largely hidden from the public. Glide bombs were a rudimentary precursor to the modern military drone we know and fear today. Modern drones are full aircraft, decked out with cameras, infrared imaging and laser-guided missiles. Using satellite technology, they can be controlled from thousands of miles away. Glide bombs were much simpler, but they introduced the idea of precision-guided weapons into modern warfare. To control a glide bomb, a bombardier in the very plane that dropped the bomb would hang over the plane's bomb sight and use the missile's smoke trail to guide him to the target.

As soon as glide bombs appeared, physicists across the Allied world leapt into action. In Canada, the National Research Council (NRC) had exploded into a *de facto* military science factory,

working in tandem with similar organizations in Great Britain and the United States. The NRC was founded in 1916 to advise the government on scientific and industrial research matters during WWI. Among several NRC departments was the radio branch. Team leaders W. C. Wilkinson, physicist, and 26-year-old radio engineer (and Queen's University grad) Richard Rettie were given the crucial task of stopping glide bomb attacks — and stopping them fast. The duo turned to radio jamming, a relatively new field of physics. They believed they could cause the German missiles to go awry by jamming the radio signals, disrupting communication between the aircraft and the bomb. By emitting a stronger radio signal at the same frequency and modulation of the German Kehl transmitter, they essentially blasted a channel with louder noise so the plane and bomb couldn't "talk." They dubbed their device — developed in under two months — the Canadian Naval Jammer (CNJ).

Most of the Allied powers were working on radio jammers. While the CNJ wasn't one of the *best*, it was one of the first effective ones, says naval history expert David Zimmerman. The CNJ sent a powerful jamming signal to a wide swath of radio frequencies, taking a shotgun approach to the puzzle. On at least one occasion, Allied ships requested a Canadian ship refrain from using its CNJ, as it could disrupt their own military communications. The jammer would automatically defeat the glide bombs' receivers, regardless of which radio frequency had been selected for an individual missile. Inelegant as it was, it was effective. More importantly, it was produced quickly. The Royal Canadian Navy sent an urgent request to the NRC for radio jamming devices on February 5, 1944. The NRC shipped the first operational CNJ to Halifax before the end of March. Later jammers produced by the Americans and British could scan glide bombs and target their specific radio frequencies. The scattershot method of the CNJ could prove a hindrance: on at least one occasion, Allied ships requested a Canadian ship refrain from using its CNJ, as it could disrupt their own military communications.

D-Day, the largest seaborne invasion in history, would have proved impossible without the CNJ and the other Allied jammers. By April 1944, just months after the Navy had requested them, this panoply of jammers had made German glide bombs almost entirely inaccurate. They went from a 30 per cent success rate in damaging ships in September 1943 to effectively zero by D-Day (June 6, 1944), when the Allies employed at least seven different makes of jammer. In addition to aiding D-Day and indirectly (spoiler alert) helping turn the tide of World War II, the development of the CNJ proved — as did the Royal Canadian Navy's game-changing Canadian Anti-Acoustic Torpedo (CAT) gear — Canada was capable of producing effective naval defences on a ridiculously short timeline. The wartime NRC assisted in developing a number of other military innovations, such as the explosive RDX (like TNT on steroids), the proximity fuse and submarine detection technologies. Following the war, the NRC — like so many other Canadians — returned to civilian duties. Many of its military wings spun off or were folded into other government organizations. Today, the NRC works with thousands of Canadian companies to help bring scientific research from laboratories to practical application. The HCMS Athabaskan, tragically, was torpedoed and sunk less than a year after surviving its first glide bomb attack, a catastrophe that cost 128 sailors their lives. And the fates of the men behind the CNJ — Wilkinson and Rettie — have, like so much of Canadian history, been lost to time.

## Vancouver Artillery Association Yearbook Updates

**Save the Date!** - 15 August 2021 at 13:30, The Seaforth Highlanders of Canada will hold a Virtual Change of Command to welcome Lieutenant Colonel Wickens, a former Commanding Officer of the 15<sup>th</sup> Field Artillery Regiment (2011-2014), as the new Seaforth Commanding Officer.

<https://www.vancouvergunners.ca/whats-new/seaforth-highlanders-of-canada-change-of-command>

### **Yorke Island 14-18 July 2021**

Join Stu McDonald, Leon Jensen and Ross Keller as we head over to Yorke Island next week. The main focus of trip is:

A- Assessment of rock facade with focused photographs of damage, and

B - Creation of photographs depicting today's view of historic Yorke Island photos (a collection of then and now pictures)

C- Production of a video on Yorke Island

D – Updated photos for the 192 project in August 2021

Interested in joining the expedition? There will be costs for the ferry, transportation, food and lodging. You will need to bring along a rucksack with sleeping bag and camping gear. Check out the timings here. <https://www.weebly.com/editor/main.php#/>

**Nominal Roll Update – Our** recent discovery of documents regarding the 21<sup>st</sup> Anti-Aircraft Battery has also revealed some more history on Captain John Foote. We're indebted to JKA for all his photographs from the early days of Yorke Island. The latest update is his transfer to the Anti-Aircraft followed by his overseas posting as a CANLOAN Officer in August 1944 with the 4<sup>th</sup> Battalion, The Dorsetshire Regiment, 43<sup>rd</sup> (Wessex) Infantry Division where he was subsequently wounded at Arnhem in 1945. He had joined the battalion on 16 September, the day before the start of MARKET-GARDEN. He was in B Company, which was commanded by Major Mike Whittle, who recalls, "He was with me most of the 30 hours or so we spent across the river and although wounded quite badly he behaved magnificently throughout."

**21<sup>st</sup> Anti-Aircraft Battery, RCA** - Another branch of our history has recently been revealed due to some research by Stu McDonald in the West Vancouver Archives. The 21<sup>st</sup> Anti-Aircraft Battery was authorized to be formed on 16 April 1942 and concentrated under canvas at Macauley Plains on Vancouver Island. Fifteen other ranks were drafted from the 15<sup>th</sup> (Vancouver) Coast Brigade, RCA as prospective Non-Commissioned Officers under the command of Captain RL Buller. The 21<sup>st</sup> Battery is included in our history as it was later to become the 211<sup>th</sup> Battery, 43<sup>rd</sup> Heavy Anti-Aircraft Regiment, RCA. Check out the story here. <https://www.vancouvergunners.ca/21st-aa-bty.html>

**Yorke Island War Diaries** – Additional diaries are now online at <https://www.vancouvergunners.ca/war-diaries---yorke.html> Check out the latest uploads:



**September 1940** - Major Piercy OC, 178 pers, bring to rounds fired, permission granted to marry, barrack boxes, plugged shrapnel, 16<sup>th</sup> LAA Battery, hospital paint shortfall, hind quarter overboard, Court of Inquiry – desertion (x2), defective armature, small arms ammunition, forbidden to correspond with strangers, rifle inspection, gun calibration, barbed wire request, firearms registration, coal request, no thumbing for rides, fatigue request for Cdn Scots detachment, camouflage material request, Board of Officers, dependents' allowance, Chevrolet light duty truck arrived, Major Dumoulin and 58th Bty personnel arrived.

**March 1943** - Major Thomas OC followed by Captain Whitehead Acting OC, 40mm Bofors shoot, 1" aiming rifle shoot, death of Private Lee, 6" practice shoot, 3 pounder shoot with auto-sites, bingo in the mess hall, service chevrons awarded, shows – *Submarine Raider, My Favourite Spy, Manpower, Eagle Squadron, Virginia City, International Squadron*, trip to Rock Bay logging operation, pen pal restrictions, blasting precautions, weekly paper-The New Yorker-to start, helmets to be painted and resanded, trip to Kelsey Bay logging operation, sing-song in the dry canteen, all cameras to be turned in for safekeeping, Red Cross drive.

**May 1943** - Captain Whitehead and Major Wilson OC, RCE Barge arrived, 40mm Bofors practice shoot, Mess Hall shows – *The Housekeeper's Daughter, Who Done It, The Amazing Mrs. Holliday, Kitty Foyle, Pastor Hall, Mexican Spitfire's Baby, Nightmare, Look Who's Laughing, Irene and Vernon Castle*, lost-Red Bird lantern, ration cards, New Yorker, Bingo cigarettes, trip to Alert Bay, Kelsey Bay dance, Canteen sweatshirts.

**September 1943** - Major Thomas, OC, cement poured #2 gun emplacement, air spotters, 40mm AA shoot, .50 cal AA Shoot, shows – *Vivacious Lady, The Major and the Minor, Call Out the Marines, A Chump at Oxford, correspondence with POWs, Star Spangled Rhythm, A Date with the Falcon, Pacific Blackout, 7 Days Leave, Magic in Music, Valley of the Sun*, compassionate farm leave, communication of military information, missing 40mm ammunition, Canadian Legion correspondence courses, service chevrons, fraudulent enlistment, ID Card MFM 182.

**October 1943** - Major Thomas OC turned over command to Maj Hunter, 6" practice shoot, 40mm practice shoot, Mrs Y. Firkins and her troop of entertainers, Thanksgiving dinner, concrete poured for new water tank, court of inquiry–Gnr Gibbons, lodging complaints, RCAF transfer, electric shavers, shows – *Something to Shout About, Yankee Doodle Dandy, Commandos Strike at Dawn, Larceny Inc, It Ain't Hay, They Died With Their Boots On, Juke Girl*, Victory Bond campaign, battle dress conservation, training expedient safety precautions, Board of Survey.

**November 1943** - Major Hunter OC, 6 Inch day and night shoot, Stewart Island concert, United Services Concert Party, Inspector General – Maj-Gen JP MacKenzie visit, 1" aiming shoot, Radio Broadcast – Of Things to Come, request for Cdn Railway Troops, projector out of order, Ladies Auxiliary Christmas Hamper requests; Mess Hall shows – *Palm Beach Story, We Go Fast, One Dangerous Night, All Through the Night, Laugh Your Blues Away, Juke Girl*, available course list, wearing of formation patch, CProC powers of arrest, volunteers required for paratroopers, transfer of cooks to RCASC.

**15<sup>th</sup> Field Artillery Regiment Museum & Archives** – A big shout out to our supporters that have stepped forward with donations to some of our projects! The collectable cards have been fully subscribed and we're looking to do a run on the coastal forts that 15<sup>th</sup> (Vancouver) Coast Brigade manned during World War II.

<https://www.vancouvergunners.ca/whats-new/collectable-cards>

We picked up a Panoramic Sight for the 25 Pounder crew to take out on display  
<https://www.vancouvergunners.ca/whats-new/25-pounder-panoramic-sight>

Plus, we've picked up a Clinometer with case for the 25 Pounder!  
<https://www.vancouvergunners.ca/whats-new/july-05th-2021>

Check out the other donation opportunities here:  
<https://www.vancouvergunners.ca/quartermaster-stores.html>

**Yearbook Update – 1988** John Jessop has been going through some old photos and came across one that featured a Rogues Gallery from Vic Stevenson's Dining Out Dinner in June 1988. Check them out here <https://www.vancouvergunners.ca/whats-new/yearbook-update-19881364598>

**VAA Virtual Lunch every Wednesday at Noon PDT - <https://zoom.us/j/710845848> - Drop in for 10 minutes or stay for an hour.** Remember – Stay healthy and stay safe!

### Who (or What) Is It?



**Last Week: The Type 5 Na-To**, officially known as the **Experimental 7.5cm self-propelled anti-tank gun Na-To** was the penultimate tank destroyer developed by the Imperial Japanese Army in 1945, during the closing stages of World War II. Towards the end of the Pacific War, Japanese field commanders realized that nothing in the inventory of the Japanese Army would be able to withstand the increasingly

advanced tanks and armoured vehicles fielded by the Allies, and that a more powerful version of the Type 3 Ho-Ni III was necessary. Development was rushed through on a new design, which was completed in 1945. The Japanese Army immediately issued an order for 200 units to be completed in 1945. However, by that time production was impossible due to material shortages, and by the bombing of Japan in World War II, and testing was not yet completed by the end of the war. The Type 5 Na-To made use of the chassis and superstructure of the Type 4 Chi-So armoured medium tracked carrier. The superstructure had an open top and rear, with an enclosed armored driver's cab. For the Type 5 Na-To there was added a "shielded platform" for its main gun. Its main anti-tank armament consisted of a Type 5 75mm tank gun, which was the same gun mounted in the Type 4 Chi-To medium tank. The gun was a variant of the Japanese Type 4 75mm AA Gun. Although the Type 5 Na-To tank destroyer was intended to become part of the defenses of the Japanese home islands against the projected Allied Invasion, only two units were completed by the surrender of Japan. Neither one was used in combat.

**This Week:** We have been accused of neglecting things watery as of late, so, to make amends, but also to keep those khaki-clad lads and lasses happy (sorry, fly chaps, but you've have your share recently), we present something that might be thought of as the best of both worlds, or, the worst, as sometimes a good idea is a bit ahead of the technology necessary for successful implementation. We present to you, not one, but four of this week's thingies. Should your IBM 360 not be quite up to displaying photos in high resolution, let us assist by describing one of these. It is a floating, powered machine, with a long deck, and only a small pilot house, obviously for one person. What sets it aside from run of the mill speed boats is the addition of cogged wheels at all four points of the vessel. These are meant for the channelling and powering of very narrow tracks.



So, is this an amphibious tank? Is it a canal entrenching machine? Is it a harvester of seaweed for vegan soldiers? You tell us by contacting the editor, Bob Mugford ([bob.mugford@gmail.com](mailto:bob.mugford@gmail.com)), or the author, John Redmond ([johnd.\\_redmond@telus.net](mailto:johnd._redmond@telus.net)). Sail on!

### **From the 'Punitary'**

What do you call a pig with laryngitis? Disgruntled.

### **Murphy's Other Laws**

Everyone has a photographic memory. Some just don't have any film.

### **Quotable Quotes**

When you reach the end of your rope, tie a knot in it and hang on." -*Franklin D. Roosevelt*

## 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.

<https://zoom.us/j/710845848>

**Password:- Ubique**



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.

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Use the link above on your computer Zoom program or dial in on your phone:  
(778) 907 2071 Meeting ID: 710 845 848

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

# JUNO BEACH CENTRE



**Register Now for the 2021 Remembrance Day Races!**

Inscrivez-vous à l'une de nos courses du Souvenir 2021 !



Announcing the 2021 edition of the Remembrance Day Races! Last year over 1,000 participants raised \$85,000 to help us weather the COVID-19 pandemic. Now, with light at the end of the pandemic tunnel, we are looking ahead to the next four years as we re-launch our programming and prepare to announce some major projects already underway for the 80th anniversary of D-Day in 2024!

This year, the Remembrance Day Races will help us make those plans a reality.

Choose from three virtual running and walking events for participants of **all ages and abilities**, each one honouring an aspect of the Canadians' contribution to Juno Beach on D-Day.

Try out a **new challenge** this year by participating in the **Liberation Route Virtual March!** Participants can "travel" from the Juno Beach Centre in Courseulles-sur-Mer, Normandy, stopping at meaningful sites of commemoration along the way to your final destination: the Vimy National Memorial in Givenchy-en-Gohelle, France.

Your \$45 race fee includes a race kit with a commemorative medal, Avro Lancaster collectible pin, race bib, Remembrance Day poppy, and more! Participants can create a **fundraising page** after registering to earn rewards and enter our prize draws!

**Run or walk anytime between July 8 and December 25, 2021.**

**Funds raised help support projects such as exhibitions and educational programming at the Juno Beach Centre and online.**

Register today and join us for a race to remember!

Nous sommes heureux de vous présenter les cours du jour du Souvenir 2021 en partenariat avec VR Pro ! Il s'agit de trois événements virtuels de course et de marche pour les participants de tous âges au profit du Centre Juno Beach. Chaque course honore un aspect de la contribution des Canadiens à Juno Beach le jour J. Nouveau cette année est la Marche virtuelle du chemin de la libération . Les participants peuvent "voyager" depuis le Centre Juno Beach à Courseulles-sur-Mer, en Normandie, en s'arrêtant aux sites mémoriels sur le chemin de leur destination finale, le Mémorial national de Vimy à Givenchy-en-Gohelle, en France.

Inscrivez-vous maintenant pour \$45 (CDN) et recevez un kit de course comprenant une médaille commémorative, une épinglette de collection Avro Lancaster, un dossard, un coquelicot du jour du Souvenir et plus encore !

Les participants peuvent créer **une page de collecte de fonds** après s'être inscrits à la course pour gagné des prix !

**Ensuite, courez ou marchez sur la distance de votre choix à tout moment entre le 8 juillet et le 25 décembre 2021.**

**Les fonds contribuent au financement des projets du Centre Juno Beach tels que les expositions et des programmes d'éducation.**

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#### THE AIR SUPPORT ROLLERCOASTER: CANADIAN SOLDIERS' MORALE IN NORMANDY

Alexander Fitzgerald-Black, [Juno Beach Centre Association\\*](#)

July 14th at 7:30 pm ET (le 14 juillet à 19 h 30 h HE)

[Register / Inscrivez-vous](#)



#### “J'IRAI REVOIR MA NORMANDIE”: FRENCH-CANADIAN INFANTRY UNITS IN NORMANDY

Dr. Caroline D'amours, Parks Canada

July 28th at 7:00 pm ET (le 28 juillet à 19 h 30 h HE)

[Register / Inscrivez-vous](#)



## CANADIAN ARMY OFFICER DISCIPLINE AND MARTIAL JUSTICE, 1944–45

Matthew Barrett, Canadian War Museum

August 11th at 7:00 pm ET (le 11 août à 19 h 30 h HE)

[Register / Inscrivez-vous](#)



## REMEMBERING THE CANADIANS IN NORMANDY

Marie Eve Vaillancourt, [Juno Beach Centre Association\\*](#)

August 25th at 7:30 pm ET (le 25 août à 19 h 30 h HE)

[Register / Inscrivez-vous](#)



## THE CANADIANS IN NORMANDY: ANOTHER GO-AROUND

Geoff Hayes, University of Waterloo

September 8 at 7:00 pm ET (le 8 septembre à 19 h 00 h HE)

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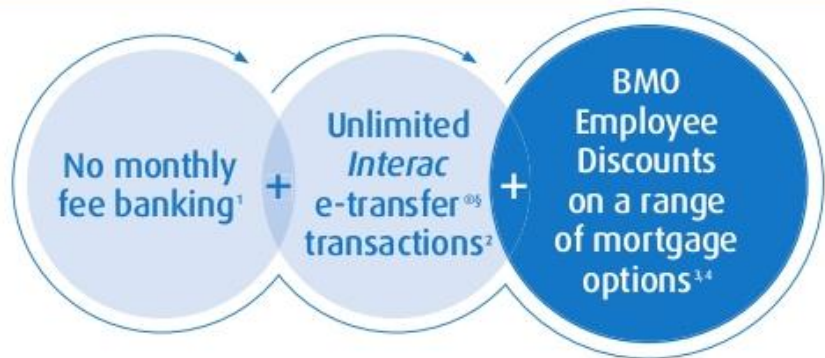
# Bank of Montreal

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<sup>3,4</sup>
- Flexibility to move or break your mortgage through the Integrated Relocation Program<sup>5</sup>
- 130-day mortgage rate guarantee – the longest of any major bank in Canada<sup>6</sup>



## Bank Accounts

- Save money with a Performance Plan chequing account with no monthly fees<sup>1</sup>
- Unlimited Interac e-transfer<sup>05</sup> transactions<sup>2</sup>
- OnGuard<sup>07</sup> Identity Theft Protection Service at no charge<sup>7,8</sup>
- Keep the same accounts no matter how many times you relocate
- Access to CreditView<sup>09,10</sup> – the free, instant way to get your credit score<sup>9</sup>



## Lines of Credit

- BMO employee discounts on unsecured and secured personal lines of credit<sup>3</sup>
- Student line of credit with preferential pricing and flexibility<sup>10</sup>



## Credit Cards

- Choose the BMO Support Our Troops CashBack<sup>04,11</sup> or AIR MILES<sup>05</sup> MasterCard<sup>04</sup>
- No annual fee<sup>11</sup>
- Support Canadian Forces Morale and Welfare Services with every purchase you make
- Visit [bmo.com/sot](http://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<sup>®</sup> 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](http://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.<sup>12</sup>

### 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](http://bmo.com/cdcb) to learn more.



Scan the QR code to get more information.



<sup>1</sup>The monthly Performance Plan fee is waived. You are responsible for all transaction, service and product fees not included for free in your Bank Plan. <sup>2</sup>The 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. <sup>3</sup>Interac e-transfer<sup>®</sup> transactions are subject to maximum transfer dollar amounts. <sup>4</sup>Applications and the amount you can borrow are subject to meeting BMO's usual credit criteria. <sup>5</sup>Some conditions may apply. These special offers are not available for the 5-year or 10-year BMO Smart Fixed Mortgage or a Homeowner ReadLine. 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. <sup>6</sup>Some conditions may apply. <sup>7</sup>We 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 15, 2020. <sup>8</sup>Plan, transaction, service and product fees may still apply. <sup>9</sup>You're eligible for OnGuard<sup>®</sup> if you are a BMO customer who has a lead account<sup>10</sup> 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 accountholders of a lead account with an eligible Bank Plan qualify for OnGuard<sup>®</sup> 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 OnGuard<sup>®</sup> service. <sup>11</sup>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. <sup>12</sup>OnGuard<sup>®</sup> retail value is \$155.88 annually (charged at \$12.99 per month). <sup>13</sup>OnGuard<sup>®</sup> is provided by Sigma Loyalty Group and Intersections Inc. Sigma Loyalty Group and Intersections Inc. Terms and conditions can be found at [www.bmo.com/onguard/SIGconditions](http://www.bmo.com/onguard/SIGconditions). <sup>14</sup>CreditView<sup>™</sup> 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. <sup>15</sup>You 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. <sup>16</sup>Ongoing 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](http://bmo.com/rates-fees) for current rates and fees. <sup>17</sup>The 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. <sup>18</sup>Registered trade-mark of Bank of Montreal. <sup>19</sup>Interac e-Transfer is a registered trademark of Interac Inc. <sup>20</sup>OnGuard is a service of Sigma Loyalty Group. OnGuard<sup>®</sup> is a trademark of Sigma Loyalty Group Inc. Identity Guard<sup>™</sup> is a registered trademark of Intersections Inc. <sup>21</sup>CreditView is a trademark of TransUnion LLC. <sup>22</sup>MasterCard is a registered trademark, and the circles design is a trademark of Mastercard International Incorporated. Used under license.