

Van Arty Association and RUSI Van Members News Oct 6, 2020

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 on line. 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>

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

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

Aug 09

to **Virtual Remembrance Run in Support of the Juno Beach Centre**

Nov 28

Oct 07 ‘Wednesday Lunch’ Zoom meeting

Oct 14 RUSI NS Zoom seminar ‘Marine Industry Supply Chains of Canadian Shipyards’

‘Wednesday Lunch’ Zoom meeting

Oct 21 ‘Wednesday Lunch’ Zoom meeting

Marine Industry Supply Chains of Canadian Shipyards

in the Era of the National Shipbuilding Strategy. *CMISA & RUSI(NS) - Webinar 14 Oct 2020*

The Canadian Marine Industries and Shipbuilding Association in collaboration with the Royal United Services Institute of Nova Scotia extends an invitation to hear video-conference presentations Wednesday, 14 October, by Steven Christianson, Vice President Supply Chain Management, Seaspan Shipyards; Lindsey Kettel, Executive Vice President, Chantier Davie Canada; and Philippe Flébus, Director Procurement & Infrastructure, Ocean Group; titled "Marine Industry Supply Chains of Canadian Shipyards in the Era of the National Shipbuilding Strategy."

Canadian Shipyards have a significant impact for the national and local economies through their supply chains. Three experts share their views on:

- The economic impact of their projects;
- Canadian aspects of their supply chain — size, geographic distribution and number of companies;

- How other companies might get involved in current or future projects; and,
- How Canadian yards could position themselves for future national and international opportunities, and how supply chains and governments might assist.

Bios are at:

Steven Christianson: <https://www.seaspan.com/corporate-team/steven-christiansen>

Lindsey Kettel: <https://www.davie.ca/management/2768/>

Philippe Flébus: <https://www.linkedin.com/in/philippeflebus/>

The webinar will start at 1 pm Ottawa time - (2:30 pm St John's, 2 pm Halifax, noon Winnipeg, 11 am Calgary, 10 am Pacific), Wednesday, 14 October, then be followed by Q&A and finish by 3 pm Ottawa time.

Registration is required. There is no fee to attend this event. To register, email RUSINovaScotia@gmail.com by close of business Sunday, 11 October. As the subject line for your registration email, put "CMISA Webinar 14 October 2020 Registration". In addition to your name please also provide your company or organization.

The event will be by **Zoom**. Instructions will be emailed to registrants by end Monday, 12 October.

CMISA/RUSI(NS) events may be cancelled at short notice. Email RUSINovaScotia@gmail.com if there is a question about an event occurring.

Govt Awards Contract for Fighter Jet Infrastructure in Bagotville

Julia Lennips 5 Oct 2020



A CF-188 Hornet pilot prepares his aircraft to depart from Canadian Forces Base (CFB) Bagotville to take part in Operation IMPACT on October 23, 2014. Photo: LS Alex Roy, 3 Wing, Bagotville. Courtesy CAF.

Today, Harjit S Sajjan, Minister of National Defence, announced a \$12.1 million contract award to EllisDon-EBC Inc. Joint Venture of Ottawa to design a new fighter jet facility at 3 Wing Bagotville, one of two main operating bases for Canada's future fighter aircraft. "Modern infrastructure is a critical step to remaining operationally ready for the future, and this project is another guarantee that we will continue protecting Canadian sovereignty while standing with NORAD and NATO, today and tomorrow. We are well on our way to constructing the modern facilities we need to house our future fighter fleet," advised Sajjan. In the press release, the Government of Canada noted it is providing Canadian Armed Forces (CAF) personnel with the infrastructure they require to support their future operations. This infrastructure, along with the

facilities being built at 4 Wing Cold Lake, will support the long-term maintenance and operation of 88 new aircraft being procured for the Royal Canadian Air Force (RCAF) through the Future Fighter Capability Project (FFCP). By awarding these infrastructure design contracts now, before the future fighter is selected, necessary work can proceed, and bases will be ready for the first aircraft deliveries. Anita Vandenberg, parliamentary secretary to the minister of national defence stated, “By investing in infrastructure for the future fighter aircraft and the Canadian Armed Forces, the government is also investing in the Bagotville community.”

This contract is an important milestone in preparing Bagotville for the future fighter and delivering the infrastructure aviators will need. Both the Cold Lake and Bagotville infrastructure projects will provide significant economic opportunities for the Canadian construction industry, as well as their respective communities, noted the press release. Approximately 900 jobs could be created during the design and construction of both facilities. The Bagotville facility will host two tactical fighter squadrons and cover approximately 12,500 m², providing space for daily operations, maintenance, administration, missions planning, and simulator training. Both the Bagotville and Cold Lake design contracts will include options for the contractors to build the new facilities and any additional infrastructure once the future fighter is selected, should Canada decide to exercise these follow-on options. These facilities will be designed and constructed to Leadership in Energy and Environmental Design Silver standards and will use energy-efficient options wherever possible. Construction is expected to begin at both bases in summer 2022

Modern Technology Reveals Secret of the Sinking of the Bismarck

Craig Bowman War History Online Sep 27, 2020



*The Bismarck firing her 15-guns during the battle of the Denmark Strait.
Image by Naval History and Heritage Command CC BY-SA 3.0*

The Bismarck was Germany’s “unsinkable” battleship which the Nazis used to wreak havoc on the British Royal Navy in World War II. Now, more than 70 years after over 50 Allied ships sank it following a chase through the Atlantic Ocean, the ship is revealing its secrets. The Bismarck was to be used to disrupt Allied shipping in the Atlantic. Sinking it became a priority for the Royal Navy. At the Battle of Denmark, the HMS Prince of Wales attacked the German ship and struck it three times which caused significant damage to the Nazi battleship. The Bismarck retreated to occupied France to get repairs. On the way, 16 Fairey Swordfish biplane torpedo

bombers attacked from the HMS Ark Royal. The next morning, the Bismarck was sent to the bottom of the sea.

The Bismarck's twin rudders that were severely damaged before it sank.

Image by Bundesarchiv, Bild 193-30-5-34A CC BY-SA 3.0de



About thirty years ago, retired US Navy officer Robert Ballard located the wreck of the Bismarck. But it was only recently that researchers discovered something previously unknown about the ship. National Geographic's series "Drain the Ocean" revealed the newest discovery. As explained by the show's narrator, Avery Brooks, the Bismarck was the largest ship in the German navy. The crew consisted of more than 2,000 men. The 15-inch guns on her deck were capable of firing shells that weighed almost one ton and sending them 24 miles. The first mission for the Bismarck was destroying British convoys in the Atlantic. On May 24, 1941, the British ship HMS Hood attacked the Bismarck. The attack did not go well for the British as all but three of the Hood's crew were killed. When Prime Minister Winston Churchill heard about the sinking of the Royal Navy's most iconic ship, he issued orders for the Bismarck to be found and destroyed. More than 50 British ships joined in the hunt and sank the German ship in 16,000 feet of water. The Bismarck had been struck "many, many times," according to the show. Using state of the art technology, researchers were able to scan the ship and show it as if it were sitting on dry land – as if they had been able to "Drain the Ocean."

Looking at the shipwreck with this technology allows researchers to get a closer look at the damage to the ship. They can see that one torpedo from the Fairey Swordfish planes struck a weak point in the stern. One of the rudders was severely damaged and the other rudder was completely blown off of



the ship. She had no way to steer as the British moved in for the kill. Extensive shelling crippled the Bismarck's eight guns. Torpedos struck the hull and filled the ship with water. But experts expected to see that only the parts of the ship that were struck by the British would fill with water and the other parts of the ship would still be filled with air. Under the immense pressure of the ocean depths, the air-filled parts of the ship would be crushed. But the scans of the shipwreck show that the ship is not crushed. Researchers were able to determine that the torpedo strikes

weakened the ship's hull, but the crew deliberately let in water in order to scuttle the mighty warship in order to prevent it from falling into British hands. Though they agree that, eventually, the damage caused by the British would have sunk the Bismarck anyway.

Russia Reveals a Brand-New Combat Exoskeleton

Jared Keller Oct 1, 2020

Russian state-owned defense corporation Rostec has released footage of a brand-new combat exoskeleton for assault operations in action. The video footage, published by Rostec on Monday, shows a Russian service member wielding firearms, climbing stairs, and rucking through wooded terrain while wearing the defense giant's new 'Shturmovik' — or 'Stormer' — exoskeleton: "The exoskeleton is hidden beneath the clothes and gear. It does not hinder the soldier's movements, but on the contrary, eases the strain on the locomotor system," the video explains, according to Russian news agency TASS. "It allows for easily carrying up to 60 kilograms of combat equipment and weapons, while its own weight is six kilograms," the video explains, noting that the exoskeleton's joints can lock to support heavier loads. The new exoskeleton represents a major advancement over past systems flaunted by Russian defense contractors in years past, according to Samuel Bendett, a research analyst at the Center for Naval Analyses. "The defining feature of [the Stormer] exoskeleton is the fact that it allows a soldier to move freely more or less," Bendett told Task & Purpose. "It is also part of his uniform, so it doesn't really interfere with his normal operations. This is important because other exoskeleton models present limited features to what a soldier can do."



*Rostec's 'Stormer' exoskeleton
(Rostec/Twitter)*

The debut of the 'Stormer' powered exoskeleton comes two years after defense contractor TsNiiTochMash unveiled a futuristic armored suit that, as TASS reported at the time, could see adoption as the Russian military's third-generation

Ratnik-3 'Soldier of the Future' combat outfit by 2025. The development of the Ranik-3 and Stormer exoskeletons indicates that the Russian military remains significantly ahead of the United States when it comes to developing a powered armor for combat applications. Indeed, the Pentagon has been pursuing the dream of a powered exoskeleton for nearly a half-century, with its latest effort, US Special Operations Command's Tactical Assault Light Operator Suit (TALOS), failing to yield a fully-integrated suit of combat armor following its unveiling in 2019. Where the US has remained stymied by system integration issues, Russia has benefitted in its exoskeleton development from its ability to field test such gear in its weapons playground of war-torn Syria, Bendett says. "This particular assault version is designed for rapid movement in a stressful environment presumably by allowing the soldier to conduct operations without

significant restraint," Bendett said. "This is an indication that the Russian defense community is incorporating lessons learned from Syria to a very significant degree building on previous experience and experimentations." At the moment, the US military is still playing catching up. As Task & Purpose previously reported, the Army is currently in the process of sussing out requirements for a brand-new exoskeleton to help soldiers ruck faster and harder while reducing fatigue. Whether it can test and field a combat-ready prototype at the speed of its Russian adversaries remains to be seen.

New Army ‘Accelerated Multi-Node Attack’ Enabled by AI

at Project Convergence 2020. Army has a data sharing and cutting-edge AI system called FIRESTORM. *Kris Osborn Warrior Maven*

Gray Eagle drones were armed with HELLFIRE missiles and GBU-69 glide bombs, 155mm artillery weapons fired rounds 60km (37.3 miles) to destroy SA-22 enemy air defenses and armored ground combat vehicles directly hit multiple T-72 tanks during the Army’s Project Convergence 2020 at Yuma Proving Grounds, Ariz. The real story, however, according to senior Army leaders attending the service’s transformational combat experiment, was about data sharing, networked targeting and a cutting-edge AI system called FIRESTORM. “The bullet flying through the air and exploding is interesting, but that is not what is compelling about Project Convergence. It is everything that happens before the trigger is pulled. We did not come out here for a precision-fires exercise, what we came out here to do is increase the speed of information between sensing the target and passing that information to the effector,” Brig Gen Ross Coffman, Director, Next Generation Combat Vehicles Cross Functional Team, Army Futures Command, told reporters Sept 23 at Yuma Proving Grounds.



*US Army photo of the firing
March 6 at Yuma Proving Grounds,
Ariz.*

- file photo. (US Army)

FIRESTORM uses advanced computer algorithms to gather radio data link feeds, video stream data, navigational and terrain specifics, weather conditions, target coordinates and precisely identified enemy location information. FIRESTORM then uses AI-enabled computer processing to perform near real-time data analytics and compare all of these variables against a vast or seemingly limitless database. The various information streams are pooled together and analyzed in relation to one another to organize the data and identify the optimal weapon or "effector" needed for that particular target. “FIRESTORM is a computer brain that recommends the best shooter, updates the common operating picture and enemy and friendly situations. It ‘missions’ the effectors that we want to eradicate the enemy on the battlefield. As

enemy targets were identified on the battlefield, FIRESTORM quickly paired those targets with the best shooter in position to put effects on this,” Coffman said. FIRESTORM can in part arrive at analytical conclusions in a mere instant, by weighing new information against previously compiled information. Machine learning happens when AI-enabled databases immediately assimilate new information that is entirely different than what is in the database. The pace at which this new information is discerned, analyzed and integrated comprises the fundamental value-added quality of AI.

Perhaps certain weapons such as artillery were proven effective for a certain range and target composition in particular weather conditions, at particular altitudes, with particular defenses and terrain configuration? The computer will analyze all of these variables both individually and in relation to one another against its database and pair the right weapon for the particular target engagement. This entire process can now take place in seconds, representing an exponential leap beyond previously achieved benchmarks of roughly 20 minutes. “This is happening faster than any human could execute,” Coffman said. However, the system must be adaptable to new enemy threats. Once enemies encounter certain systems, they of course immediately move to counter them, therefore requiring developers to expedite quick improvements. “We need code writers who will need to change algorithms to adjust to new threats. We can't wait 24 hours; we will have to change instantaneously to targets. We need to make decisions at speed and get ahead of the enemies’ decision cycle,” Lt Gen Michael Flynn, Director Army G3/5/7 told reporters. Flynn further explained this “need for speed” in the context of the well-known Processing, Exploitation and Dissemination (PED) process that gathers information, distills and organizes it before sending carefully determined data to decision-makers.

The entire process, long underway for processing things like drone video feeds for years, has now been condensed into a matter of seconds, in part due to AI platforms like FIRESTORM. Advanced algorithms can, for instance, autonomously sort through and observe hours of live video feeds, identify moments of potential significance to human controllers and properly send or transmit the often time-sensitive information. “In the early days we were doing PED away from the front lines, now it's happening at the tactical edge. Now we need writers to change the algorithms,” Flynn explained. “Three years ago, it was books and think tanks talking about AI. We did it today,” McCarthy said.

Vancouver Artillery Association Yearbook Updates

VAA Virtual Lunch every Wednesday at Noon PDT - <https://zoom.us/j/710845848> - Drop in for 10 minutes or stay for an hour

**Important Announcement for all members of the Vancouver Artillery Association and serving members of 15th Field Artillery Regiment.
Register today!**

On 17 October 2020, The Royal Canadian Artillery Association will be holding their Annual General Meeting and Leadership Symposium. During the AGM a vote will be taken to approve the constitutional changes required for local Association members to also be members of the

RCAA. Your vote is needed to ensure that the Vancouver Artillery Association stays affiliated. Please register for the AGM at <http://rca-arc.org/>

We've been playing with our new 365-degree camera at the Point Grey Fort. Check out the two videos that were uploaded. Have you got a virtual reality headset?

<https://www.vancouvergunners.ca/whats-new/yearbook-update-20208933939>

Arne Knudson Episode 2 – The Danish Navy and International Brigade and Episode 3 – Joining the Canadian Army are now online <https://www.vancouvergunners.ca/arne-knudsen.html>

2020 Yearbook Update – Regimental coin for Warrant officer Class II George Chow and promotion to Corporal for Priscilla Wong! <https://www.vancouvergunners.ca/2020.html>

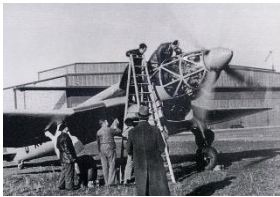
Remember Garrison Dress? <https://www.vancouvergunners.ca/whats-new/yearbook-update-19849355888>

1926 Yearbook update with news clippings featuring Sarcee summer training camp.

<https://www.vancouvergunners.ca/1926.html>

Remember – Stay healthy and stay safe!

Who (or What) Is It?



Last Week: The **Heinkel He 119** was an experimental single-propeller monoplane with two coupled engines, developed in Germany. A private venture by Heinkel to test radical ideas by the Günter brothers, the He 119 was originally intended to act as an unarmed reconnaissance bomber capable of eluding all fighters due to its high performance. Design was begun in the late summer of 1936. A notable feature of the aircraft was the streamlined fuselage. The forward fuselage featured an extensively glazed cockpit forming the nose itself, heavily framed with many diagonally braced windows immediately behind the propeller spinner's rear edge. Two of the three-man crew sat on either side of the driveshaft, which ran aft to a "power system", a coupled pair of Daimler-Benz DB 601 engines mounted above the wing center-section within the fuselage, mounted together within a common mount (the starboard component engine having a "mirror-image" centrifugal supercharger) with a common gear reduction unit fitted to the front ends of each component engine, forming a drive unit known as the DB 606, the first German aircraft to use the "high-power" powerplant system. meant to provide German aircraft with an aviation powerplant design of over-1,500 kW (2,000 PS) output capability but weighing 1.5 tonnes apiece. Only eight prototypes were completed, and the aircraft did not see production, mainly because of the shortages of DB 601 "component" engines to construct the 1,500 kg (3,300 lb) DB 606 "power systems" they formed.

This Week: Some of our readers might remember Lt Hiroo Onoda, the one of the last Japanese soldiers to surrender, who did so in the Philippines in 1974. What was remarkable about him was that he still considered himself to be on active service, and kept his sword, rifle and bayonet in pristine condition, right to the end (much to the regret of some local people who fell victim to his misconception). He later became a cowboy in Brazil for a decade, before returning to Japan to set up a training school for wayward youth (he considered the entire post-war population to fit this category). Of course, there are German soldiers still hiding out with Hitler in a swamp in Belarus, but that aside, what can one make of this week's photo, and how does it fit into our narrative? The main subject is a nattily turned-out Wehrmacht Feldgendarmarie, flanked by two much more casual American MPs (not members of parliament, but military police). Our Teutonic friend seems not to have been "de-nazified", and appears to be on duty, as keen-eyed readers (there must be one under 70) might note.



A certain politician from south of the border assures us that there are good people on both sides, and, in this case, he might be right (and I will restrain from further comment). Therefore, let us combine Lt Onoda with our Hunish colleague, and think of this week's question. What was the last German (Third Reich) unit to surrender to the victorious allies? Bonus point if you can identify the last

Japanese soldier to do so (it wasn't Onoda).

Send your musings to the editor, Bob Mugford (bob.mugford@gmail.com), or the author, John Redmond (johnd.redmond@telus.net). As an aside, one of my relatives in Ireland refused to surrender after the Battle of the Boyne and has been hiding in a pub in Wexford ever since. Erin go braugh!

From the 'Punitary'

Why did the banana go to the doctor? A: It wasn't peeling well

Murphy's Other Laws

The junior ranks know the rules, but the Senior NCOs know the exceptions.

Quotable Quotes

You have succeeded in life when all you really want is only what you really need. - *Vernon Howard*

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 Wednesday lunches.

Join us to check up on your old lunch buddies.

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

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.

[Join our Cloud HD Video Meeting now](#)

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.

RUSI NS Zoom Seminar



In collaboration with the
Royal United Services Institute of Nova Scotia



present

Marine Industry Supply Chains of Canadian Shipyards in the era of the National Shipbuilding Strategy

An Important Driver of the Canadian Economy

featuring



Steven Christianson

VP Supply Chain
Management

Lindsey Kettel

Executive VP

Philippe Flébus

Director Procurement &
Infrastructure

Three experts share their views on:

- The economic impact of their projects;
- Canadian aspects of their supply chain — size, geographic distribution and number of companies;
- How other companies might get involved in current or future projects; and
- How Canadian yards could position themselves for future national and international opportunities, and how supply chains and governments might assist.

1-3 pm Eastern Standard Time, Wednesday, October 14, 2020
Via Zoom (register FREE through RUSINovaScotia@gmail.com)

Ce séminaire en ligne sera en anglais.

Virtual Remembrance Run in Support of the JBC

August 9 - November 28, 2020



Members of the Royal Canadian Army Service Corps participate in a one-mile race as part of a wider I Canadian Corps sports meet in the United Kingdom, 1943 (Canadian Army Newsreel No. 12).



The Juno Beach Centre Association is partnering with VR Pro (<https://www.vrpro.ca/events/Home.html>) for our first Remembrance Run fundraiser! This is a virtual running (or walking) event for participants of all ages.

Registration is available on the Running Room website.
<https://www.events.runningroom.com/site/17167/>

DISTANCES

Click on a logo to register for that distance.



<https://www.events.runningroom.com/applications/?raceId=17167&eventId=50553&vrindex=3>



<https://www.events.runningroom.com/applications/?raceId=17167&eventId=50554&vrindex=3>



<https://www.events.runningroom.com/applications/?raceId=17167&eventId=50554&vrindex=3>

Scroll down to learn about the significance of these distances.

RACE DETAILS

Register now for one of three virtual race distances and receive a race kit including this beautiful, oversized, commemorative medal (pictured below) along with a Juno Beach collector coin, race bib, an imprinted neck gaitor, a Remembrance Day Poppy, and a beautifully printed Juno Beach

D-Day souvenir map, and more! Then, run or walk your event distance of choice anytime between September 1 and November 28, 2020. \$10 from each entry will go to support the Juno Beach Centre honouring those brave men and the sacrifices they made. (Click any one of the race event logos above or the registration button below to register.) Applicants can set up a fundraising page through your Running Room account, after you have registered for the Run.



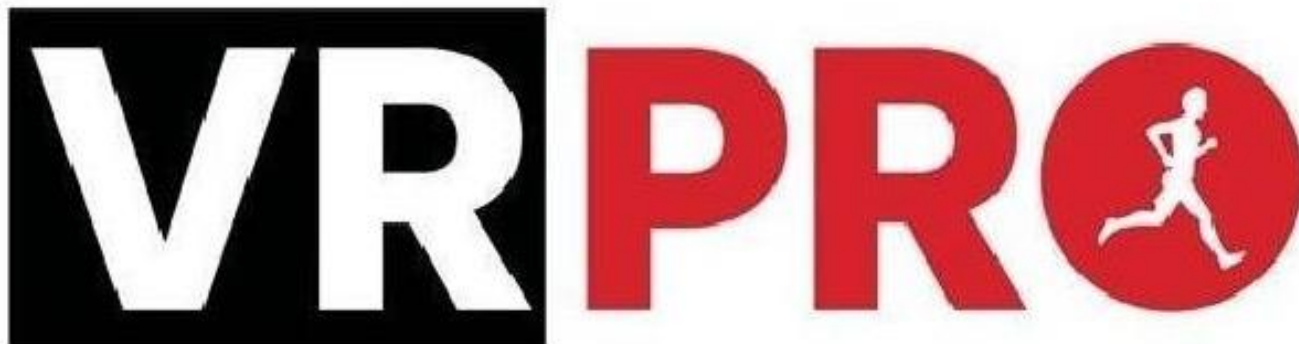
All you need to do is go to the Fundraising tab (at the top of the registration page) and select Raise Funds to set up your fundraising page. Each participant will receive a unique Remembrance Day / Juno Beach commemorative medal. The design features the image of a Landing Craft,

Assault (LCA) manned by Royal Canadian Navy sailors on D-Day approaching Juno Beach with a load of troops. The medal's ribbon is inspired by the France & Germany Star, the campaign medal received by those who landed at Juno Beach and/or served in France, Belgium, Holland, or Germany between D-Day (6 June 1944) and Victory in Europe or V-E Day (8 May 1945).

CONTACT INFORMATION

For more information please contact Kelly Hendry-Arnott

- Email: kelly@vrpro.ca
- Phone: 905 512-2488



REMEMBRANCE RUN DISTANCES EXPLAINED

What is the “Strongpoint 1500m”?

Juno Beach (Normandy, France) was well fortified. Mines, barbed wire, and beach obstacles to Allied tanks and landing craft littered the sands. German machine guns, mortars, and artillery, often positioned in concrete bunkers, overlooked the likely Allied landing areas. Strongpoints in the German-held towns of Courseulles-sur-Mer, Bernières-sur-Mer, and Saint-Aubin-sur-Mer dominated the beaches. Courseulles was the most heavily defended area attacked by British and Canadian forces on D-Day. The strongpoints at Courseulles and nearby Graye-sur-Mer contained a dozen concrete machine-gun posts covering a total of six artillery pieces overlooking the beach. Today, the Juno Beach Centre stands on the same ground as *Stützpunkt (Strongpoint) 31*, located on Mike Red Sector of Juno Beach. This shorter distance event (1500m) is for ideal children, older participants, and anyone else who does not want to run or walk the 8k or 21k distances. It is named for the strongpoint and 1500 metre stretch of beach overcome by the Royal Winnipeg Rifles, the 1st Hussars (6th Canadian Armoured Regiment), and the 6th Field Company, Royal Canadian Engineers on D-Day.

What is the significance of the “Juno Beach 8K”?

D-Day, June 6, 1944, was among the greatest moments of the 20th century. The landings started the battle to liberate France from Nazi Germany. The Canadians stormed an 8-kilometre stretch of sand featuring coastal villages fortified into German strongholds. Code-named JUNO, some 14,000 Canadian soldiers with hometowns from coast to coast landed here. A further 7,000 British

troops joined them. When you run this fall, you are running in remembrance of every Canadian or Allied soldier who landed at Juno Beach.

Why is it named the “Remembrance 21.1K”?

The total number of troops landed on Juno Beach on D-Day was approximately 21,000. We offer a half-marathon (which is 21.1 kilometres long), in honour of those troops.



<https://www.events.runningroom.com/site/17167/>

Local entrants who enter any of these events – please send me your ‘Donation’ links and I will put them in this newsletter. – Ed.

Fellow Gunners

I am running/walking a half-marathon to raise money for the Juno Beach Centre. A half-marathon is approximately 21 kilometres and I am running/walking this distance in honour of all 21,000 Allied troops who landed on Juno Beach on June 6, 1944. You can support the Juno Beach Centre by pledging in support of me or by registering for this Remembrance Run fundraiser.

To donate and help us achieve our fundraising goal, please go to my fundraising home page at this link:

<https://www.runningroom.com/dashboard/giving/?raceId=17167&eventId=50555&memberId=UDVXZA9pWzoAa1dgUWA%3D>

You will see a box that says “**Make a Donation**” – do so, and follow the instructions

Thanks! UBIQUE!

HLCol Don Foster P.Ag, CIM, FCSI
Director | Juno Beach Centre Association



2020 BMO CDCB Customer Appreciation Contest



The contest for the defence community is back!

Service members and their families, reserves, recruits, veterans and retirees, as well as staff of Department of National Defence, the RCMP and the Canadian Coast Guard are eligible for **FREE*** banking with the Performance Plan chequing account - no minimum balance required.

Visit bmo.com/cdcbcontest for offer details.

Open an account between June 15 and October 12, 2020 and you will automatically be entered into the "CDCB Customer Appreciation Contest" for a chance to win a **grand prize of \$20,000 cash** or one of **12 prizes of \$5,000 cash!**

Already a BMO CDCB customer?

Don't miss out on your chance to win.

Visit bmo.com/cdcbcontest to enter the contest.

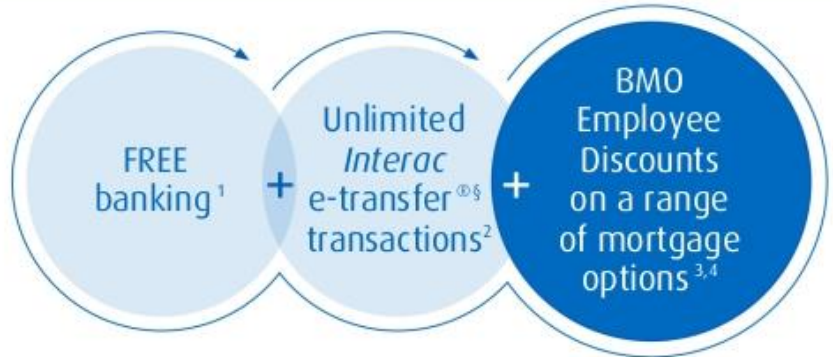
BMO  Official bank of the
Canadian Defence Community

*No purchase necessary. The 2020 CDCB Customer Appreciation Contest (the "Contest") begins on June 15, 2020, at 12:00:01 a.m. Eastern Time and ends on October 12, 2020, at 11:59:59 p.m. Eastern Time (the "Contest Period"). There are thirteen (13) prizes in total (each a "Prize"), with total prizes valued at \$80,000 available to be won. There will be one (1) Grand Prize of \$20,000 cash and an additional twelve (12) prizes of \$5,000 cash. Odds of winning depend on the number of eligible entries received. Before being declared a winner, a correctly answered mathematical question is required. Full contest details are available at bmo.com/cdcbcontest. The monthly Performance Plan fee is waived. You are responsible for all transaction, service, and product fees not included in the Plan.

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

- FREE banking with the Performance Plan¹
- Unlimited *Interac* e-transfer^{2,3} transactions²
- OnGuard^{7,8} Identity Theft Protection Service at no charge^{7,8}
- Keep the same accounts no matter how many times you relocate
- Access to CreditView⁹ – 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 CashBack¹¹ or AIR MILES¹¹ MasterCard¹¹
- 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