

We Will Remember Them



The Royal United Services Institute of Nova Scotia provides a forum for the study, promotion and debate of defence and security issues.

Dispatches is a weekly collection of links and news of current interest, included those tweeted and posted by the Institute on social media. Links to articles are checked at the time they are put into *Dispatches* but may be unavailable at a later date or in some states other than Canada.

If you are not a routine recipient of *Dispatches* but wish to be so, email the Institute's Chief Information Officer (CIO) at <u>RUSINovaScotia@gmail.com</u>. If you do not want to receive *Dispatches*, or wish to receive it at some different frequency, please inform the CIO. If you wish to receive *Dispatches* at a different address (i.e., not your work address), please inform the CIO. Past editions of *Dispatches* may be requested by contacting the CIO.

Everyone is encouraged to email to the CIO links and other content to be included in *Dispatches*.

Submissions and feedback are welcome anytime. Comments to articles can be from members or nonmembers of RUSI(NS). Any comment in *Dispatches* is the sole opinion of the author and does not necessarily represent the views of the Canadian Department of National Defence, the Canadian Armed Forces, the Royal Canadian Mounted Police or the Royal United Services Institute of Nova Scotia

Membership Data Base Review

A scrub of our membership data base is being undertaken by Bobby Corbin, RUSI(NS) Secretary. You may receive an email checking to confirm information about you in the data base (info therein is based on our application/renewal form) or checking about the currency of your membership. Please reply promptly to Bobby, as we do not want to remove from the data base people who wish to continue to enjoy the benefits of membership. Thank you.

COVID-19

Audio-visual salute "**The Brave**" (19MB MP4) https://drive.google.com/open?id=1csnvIWt0twYYh7ZeR_JUykIy5soXz1-N CDA Institute Vimy paper "COVID-19 & The Canadian Armed Forces: Overview, Analysis, And Next Steps."

https://cdainstitute.ca/wp-content/uploads/2020/04/Vimy-Paper-April-2020-Volume-44-2.pdf

Pandemics and the Maritime Arena https://www.navalassoc.ca/wp-content/uploads/2020/04/BN27-Pandemics-1.pdf

COVID-19 'infodemic' is putting lives at risk <u>https://www.macdonaldlaurier.ca/covid-19-infodemic-putting-lives/</u>

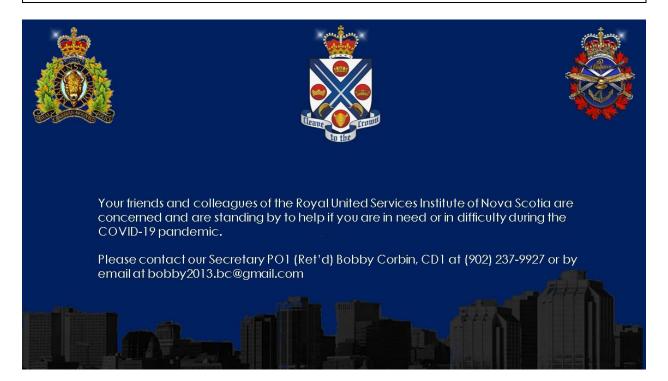
COVID-19: Time to Rethink International Peace & Security <u>https://www.geopoliticalmonitor.com/covid-19-time-to-rethink-international-peace-security/</u>

The 1918 flu and the U.S. military podcast: <u>https://www.defenseone.com/ideas/2020/04/ep-66-1918-flu-and-us-military/164559/</u>

The Coronavirus Pandemic and the Cyber Landscape <u>https://rusi.org/commentary/coronavirus-pandemic-and-cyber-landscape</u>

Coronavirus pandemic leads to spike in disinformation directed at US, NATO in Europe <u>https://www.stripes.com/news/europe/coronavirus-pandemic-leads-to-spike-in-disinformation-directed-at-us-nato-in-europe-1.627110</u>

Royal Canadian Navy Update of 23 April - Ongoing COVID-19 Response www.navy-marine.forces.gc.ca/en/news-operations/news-covid-19-view.page?doc=royal-canadiannavy-update-of-april-23-ongoing-covid-19-response/k98fr3pr



Events:

To list an event in *Dispatches*, email the CIO by noon Thursday. RUSI(NS) events are by invitation only. If you are interested in attending and have not been invited, email <u>RUSINovaScotia@gmail.com</u>. RUSI(NS) events may be cancelled at short notice – email RUSI(NS) if there is a question of an event occurring.

29 April, Wednesday - Distinguished Speaker Dr Adam Lajeunesse, Irving Shipbuilding Chair in Canadian Arctic Marine Security, Mulroney Institute of Government, Saint Francis Xavier University, titled "Arctic Sovereignty: New Challenges and Opportunities." 1300-1500. By Zoom (instructions will be emailed by COB Mon 27 Apr). Any guest interested in participating is asked to register with <u>RUSINovaScotia@gmail.com</u> – please provide name and organization and, if the invitation was not received directly from <u>RUSINovaScotia@gmail.com</u>, from whom it was received.

1 May, Friday - Conference of Defence Associations Institute webinar "Canada's National Security After COVID-19." 1300-1430 EST. Online, complimentary (limited space); register at: <u>https://cdainstitute.ca/product/tdb-webinar-canadas-national-security-after-covid-19/</u>. See poster at end of *Dispatches*.

20 May, Wednesday - Distinguished Speaker TBP. 1300-1500. By Zoom.

Recent Publications:

RUSI(NS) Presentation "A World Class Shipyard in our Midst" by Tom Tulluch, 10 Apr 20 <u>https://rusi-ns.ca/world-class-shipyard/</u>

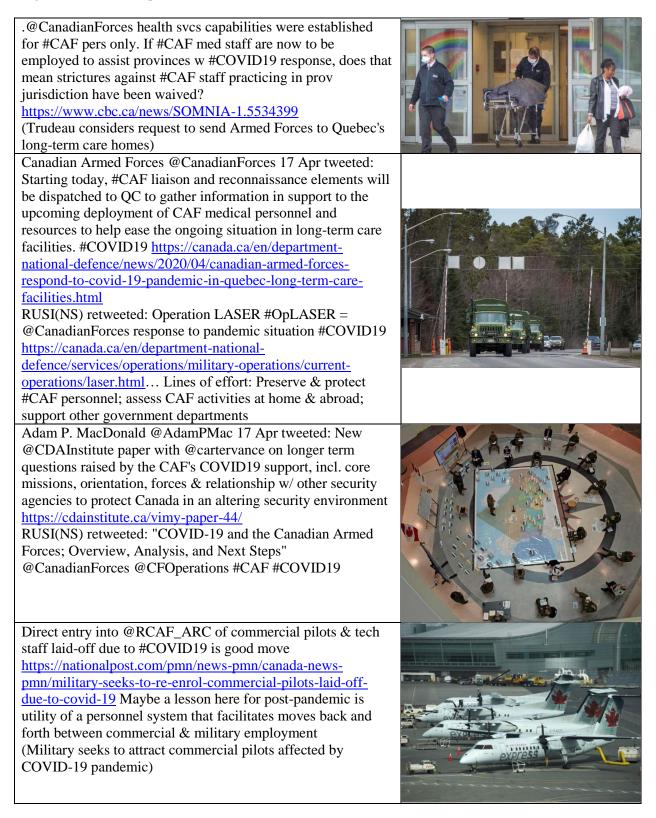
RUSI(NS) Comments "Cruise Ship Fights Maritime Patrol Ship (and Wins)", 5 April 2020 <u>https://rusins.ca/cruise-ship-fights-maritime-patrol-ship/</u>

"What About the Camp Followers – and their Children?" by RUSI(NS) member Ian MacVicar, Journal for Deradicalization No 22 Spring 2020 <u>http://journals.sfu.ca/jd/index.php/jd/issue/view/27/showToc</u>

RUSI(NS) Information Note "Naval Camouflage and its Application on HMC Ships Regina and Moncton: A Brief History" by Timothy Choi, 24 March 2020 <u>https://rusi-ns.ca/naval-camouflage-and-its-application-on-hmc-ships-regina-and-moncton-a-brief-history/</u>

The United Services Institute of Nanaimo and North Island (USINNI) Newsletter Vol 28 No 4 April 2020 is available on request to <u>RUSINovaScotia@gmail.com</u>.

Tweeted by @RUSI_NS: RUSI(NS) tweets may also be viewed by clicking on the icon at <u>https://RUSI-NS.ca</u>. To have something tweeted or retweeted, email the CIO at <u>RUSINovaScotia@gmail.com</u>. Original article title in parentheses.



Dave Mazur @WardenNAtlantic 20 Apr tweeted: Welcome to @CFBHalifax to French Ship FULMAR, who arrived alongside for a stop and go visit. She is here to pick-up medical supplies for St. Pierre and Miquelon. Shout out to the MARLANT and Base team who made arrangements for the safe reception and transfer of medical supplies RUSI(NS) retweeted: Allies helping allies. Friends helping friends #COVID19

Canadian Armed Forces @CanadianForces 21 Apr tweeted and retweeted: Members of 436 Transport Squadron and 2 Air Movements Squadron at 8 Wing load a CC-130J Hercules with rations, Personal Protective Equipment and other supplies, headed to northern Quebec to support Canadian Rangers deployed on #OpLASER. #COVID19

https://canada.ca/en/department-national-

defence/services/operations/military-operations/currentoperations/laser.html

(Operation LASER)

MARLANT @RCN_MARLANT 22 Apr tweeted and RUSI(NS) retweeted: Our home province was shaken by a senseless tragedy and several members of our ship's company are from the communities affected. #HMCSVilledeQuébec sailed into Minas Bay and past the town of Portapique to stand together with the victims' families and @RCMPNS. #NovaScotiaStrong





MARLANT @RCN_MARLANT 23 Apr tweeted:#TBT On Sept 14th, 2019, #HMCSMoncton returned from refit in a #WWII Admiralty commemorative paint scheme depicting a Second World War style ship camouflage honouring the 75th Anniversary of the #BattleofAtlantic and sailors of our past, present and future. #BOA75 #RCNRemembers RUSI(NS) retweeted: RUSI(NS) Info Note "Naval Camouflage and its Application on HMC Ships REGINA and MONCTON: A Brief History" <u>https://rusi-ns.ca/naval- camouflage-and-its-application-on-hmc-ships-regina-and- moncton-a-brief-history/</u>	
RUSI @RUSI_org 23 Apr tweeted and RUSI(NS) retweeted: Where is the global coalition to fight the coronavirus? New commentary from @kvonhippel and John R. Allen of @BrookingsInst. (Where is the global coalition to fight the coronavirus? https://www.brookings.edu/president/where-is-the-global- coalition-to-fight-the-coronavirus/)	
RUSI @RUSI_org 22 Apr tweeted and RUSI(NS) retweeted: 'Russia and the UK come from very different traditions of information access. But both are finding themselves challenged by a world in which information can circulate rapidly'. New commentary from @glendacooper and Alexey Naumov. (A UK–Russia Perspective on the Role of Journalism <u>https://rusi.org/commentary/uk–russia-perspective-role-</u> journalism)	
RUSI @RUSI_org 20 Apr tweeted and RUSI(NS) retweeted: 'The #coronavirus pandemic has increased our reliance on the digital world and has highlighted five fundamental security challenges'. New commentary from RUSI Distinguished Fellow and Senior Cyber Adviser, Conrad Prince CB. (The Coronavirus Pandemic and the Cyber Landscape <u>https://rusi.org/commentary/coronavirus-pandemic-and-cyber-landscape</u>)	
RUSI @RUSI_org 21 Apr tweeted and RUSI(NS) retweeted: 'The use of martial language by politicians in managing the current pandemic obscures fundamental differences between waging war and managing a health crisis'. New commentary from @Jack_Watling. (The Coronavirus Pandemic: This is Not War <u>https://rusi.org/commentary/coronavirus-pandemic-not-war</u>)	

Posted on Facebook Royal United Services Institute NS with comments:

Great-Power Competition in the "Snow of Far-Off Northern Lands": Why We Need a New Approach to Arctic Security

https://mwi.usma.edu/great-power-competition-snow-far-offnorthern-lands-need-new-approach-arctic-security/



"...the United States must pivot its strategy and extend its military capabilities to the high north. ...the United States needs more Arctic awareness and greater Arctic action..."

The US shouldn't do this alone. It should be a partnership with Canada and other like-minded states with stakes in the North.

Marines and sailors 3D print protective gear following outbreak of COVID-19 on Okinawa

https://www.marinecorpstimes.com/news/coronavirus/2020/04/15/ marines-and-sailors-3d-print-protective-gear-following-outbreakof-covid-19-on-okinawa/



"The additive manufacturing capability...is helping free up resources and supply chain issues for medical personnel and first responders."

Is there an integrated approach within the Canadian Armed Forces to additive manufacturing? A single office which knows which unit can do and is doing what? A Forces data base of printer files that can be shared across all units with printers? The pandemic has sparked a lot of innovation. Let's not lose the effort.

HII starts fabrication of US Navy's 1st Flight II LPD ship

https://navaltoday.com/2020/04/17/hii-starts-fabrication-ofus-navys-1st-flight-ii-lpd-ship/

"The start of fabrication signifies that the first 100 tons of steel have been cut."



'Start of fabrication' doesn't appear to be a term used in Canadian shipbuilding, at least for Royal Canadian Navy warships. 'First cutting of steel' is often a term. The keel-laying ceremony (see Information Note "Keel-laying" at <u>https://rusi-ns.ca/keel-laying-2/</u>) is the first significant date in a Canadian warship's life.

A comment from a reader: Many of these milestones are today more symbolic than practical. Ships used to be built upwards and outwards from the keel so keel-laying was an momentous event, but that's no longer the case. But today ships are more typically built in blocks and then assembled; the first block may not be a significant structure.

Even "cutting steel" need not be the kick-off event that it used to be, as the plates may be cut off-site prior to delivery.

So what actually constitutes "starting fabrication" can be somewhat arbitrary, and can be challenging to commemorate with a ceremony.

Why The Navy And Coast Guard Want A Robotic Fleet

https://nationalinterest.org/blog/buzz/why-navy-and-coastguard-want-robotic-fleet-144667

"The (US) Navy ... reportedly is planning to configure its new missile frigates as command vessels for future flotillas of robotic warships."



The Canadian Surface Combatant should be designed to control unmanned air, surface and underwater vehicles. The Royal Canadian Navy task group of the future may be a single manned ship with a (swarm? Pick your collective noun) of drones.

Stop China's predatory investments before the US becomes its next victim

https://www.defensenews.com/opinion/commentary/2020/04/17/ stop-chinas-predatory-investments-before-the-us-becomes-itsnext-victim/



"While America seeks to recover from the economic impacts of this pandemic, Congress and the administration must take swift action to ensure China is not afforded any opportunity to enhance its economic foothold in the U.S."

There's a global economic war going on. Not one of the commercial gains and losses, but one where a state is deliberately using its financial and economic clout to further its political purposes. The above quote could and should be written from the perspective of Western liberal democracies: "While Canada seeks to recover from the economic impacts of this pandemic, our government must take swift action to ensure China is not afforded any opportunity to enhance its economic foothold in Canada."

Maritime Law Enforcement and Overfishing in the South China Sea

https://www.maritime-executive.com/editorials/maritime-lawenforcement-and-overfishing-in-the-south-china-sea



Some thoughts: to what extent is Canada experiencing illegal, unreported and unregulated (IUU) fishing in its waters? To what extent is the IUU fishing a problem? What sort of problem is it - economic? Regulation enforcement? Could it be a security problem, or even defence if the fishing is foreign state-driven? The Royal Canadian Navy (RCN) used to support fisheries patrols regularly. What is the patrol and enforcement collaboration between the RCN and Department of Fisheries and Oceans now?

No Military Has Done More for Corona-Stricken Allies Than Germany's

https://www.defenseone.com/ideas/2020/04/no-military-hasdone-more-corona-stricken-alliesgermanys/164671/?oref=defenseone_today_nl



Alliance airlift of essential medical supplies in response to the pandemic does not seem to include Canada. Yes, Canada is not part of the Strategic Airlift International Solution (<u>https://www.nspa.nato.int/en/news/news-20191007-9.htm</u>) but it is a member of NATO. Non-SALIS states have flown. So, one kinda wonders what was the calculus that resulted in apparently no participation nor reporting of Royal Canadian Air Force aircraft.

Penghu coast guard chases off illegal Chinese sand dredgers

https://focustaiwan.tw/society/202004170017



Not evident from the article whether the Chinese dredges (so many!) were there as an illegal commercial effort, dredging sea sand for sale, or whether they were there at the behest of the Chinese government as a form of hybrid/economic/diplomatic warfare (think of island building). Could be both - one can believe that some people would see no problems with profit-making strategic state-driven activities, and certainly combining strategy and profit would fit how the Chinese government at times has operated. Layers within layers.

How would Canada respond to foreign dredges in our exclusive economic zone (EEZ), especially where the EEZ is in dispute?

Different to think of dredges as national strategic means...

DARPA reveals ASTARTE multi-domain 'common operational' system

https://www.defenceconnect.com.au/key-enablers/5947darpa-reveals-astarte-multi-domain-common-operationalsystem



"...to provide a more accurate and timely picture of the airspace that will allow for long-range fire missions as well as manned and unmanned aircraft operations to occur simultaneously and more safely in the same airspace..."

"The first technical area is developing algorithms for understanding and decision making that can predict airspace usage conflicts, propose de-confliction solutions with associated risk levels, and direct sensors in the ASTARTE network to maintain the necessary airspace picture at a given moment in time."

Well, certainly with the proliferation of drone swarms, airspace control and deconfliction is even more an issue. It'll help when drones have the technology to contribute their position and movement to the common operating picture.

The looming threat of sea mines

https://www.aspistrategist.org.au/the-looming-threat-of-seamines/



In Canada, the threat of sea mines gets little attention outside of a small group within the Royal Canadian Navy (RCN). Yet the threat is real, whether from an adversary state or in the hands of terrorists and criminals. The RCN needs to retain a capability of people, vessels and special equipment such as drones to deal with sea mines. Inshore and regional offshore multi-role vessels, one role of which is mine-countermeasures, is part of being a balanced navy.

NATO's 'startup' charts a bold future in maritime unmanned systems

https://www.defensenews.com/opinion/commentary/2020/04/20/ natos-start-up-charts-a-bold-future-in-maritime-unmannedsystems/



"The focus (of NATO's Maritime Unmanned Systems Initiative) is threefold: utilize world-leading research to increase allied interoperability between conventional forces and unmanned drones; establish new tactics for our sailors to truly leverage these technologies; and develop secure digital communications for military drones across all domains (air, sea and land)."

Germany picks Super Hornet and more Eurofighters for Tornado replacement

https://www.flightglobal.com/fixed-wing/germany-pickssuper-hornet-and-more-eurofighters-for-tornadoreplacement/138003.article

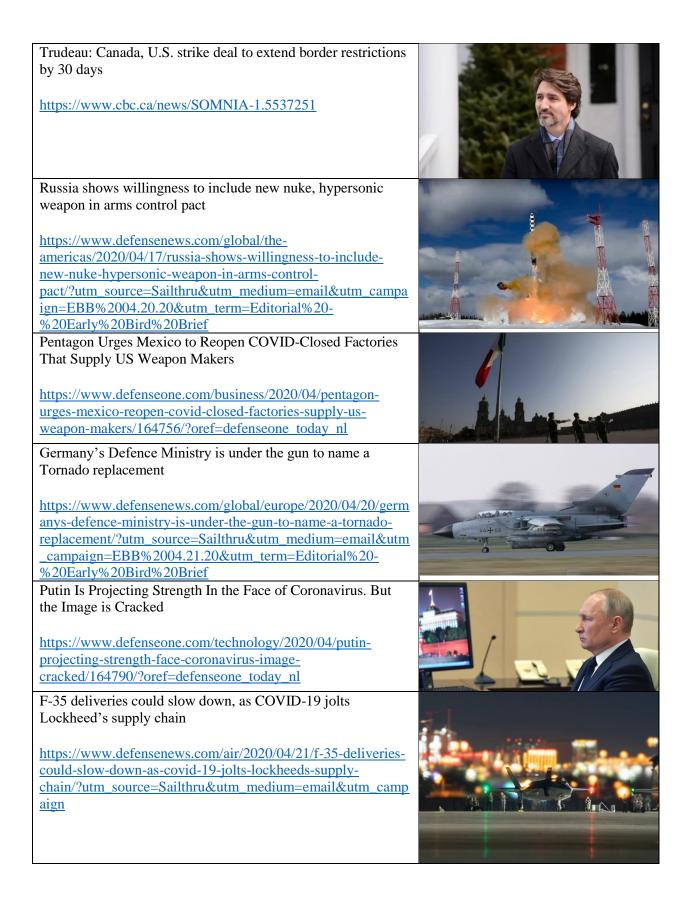
"Berlin intends to purchase 30 F/A-18E/F Super Hornets to carry nuclear payloads..."



One can be confident that nuclear-capable is not a requirement of the Future Fighter Capability project for replacement fighter aircraft for the Royal Canadian Air Force.

Posted on Facebook Royal United Services Institute NS: RUSI(NS) postings may be viewed by clicking on the icon at <u>https://RUSI-NS.ca</u>. To have something posted or commented, email the CIO by noon Thursday.





COVID-19 is latest hurdle in long-running attempt to replace Canada's aging fighter jets <u>https://nationalpost.com/news/covid-19-latest-hurdle-in- canadas-long-road-to-buying-new-fighter-jets</u>	
Russia and North Korea Are Fighting—Over Fish https://foreignpolicy.com/2020/04/22/russia-and-north-korea- are-fighting-over- fish/?utm_source=PostUp&utm_medium=email&utm_campai gn=21064&utm_term=Editors%20Picks%20OC&?tpcc=21064 F-15QA, most advanced version of the jet, completes maiden	to to
flight https://ukdefencejournal.org.uk/f-15qa-most-advanced- version-of-the-jet-completes-maiden-flight/	
Airbus achieves world's first fully automatic aerial refuelling <u>https://ukdefencejournal.org.uk/airbus-achieves-worlds-first-fully-automatic-aerial-refuelling/</u>	
Canadian military asked to provide medical personnel to help Ontario long-term care homes https://ottawacitizen.com/news/national/defence- watch/canadian-military-getting-ready-to-provide-medical- personnel-to-ontario-long-term-care-homes/wcm/43e61514- 18c4-494c-b458-505a867fecc6/	

Other Sources: Recommendations for 'themes' (e.g., #drones) to list in this section are welcome.

#Arctic

Arctic Council Releases Guideline for Arctic Marine Risk Assessment https://maritime-executive.com/article/arctic-council-releases-guideline-for-arctic-marine-risk-assessment

#artificial intelligence

Artificial Intelligence and the Integrated Review: The Need for Strategic Prioritisation <u>https://rusi.org/commentary/artificial-intelligence-and-integrated-review-need-strategic-prioritisation</u>

#China

Friends and Enemies: A Framework for Understanding Chinese Political Interference in Democratic Countries

https://securingdemocracy.gmfus.org/friends-and-enemies-a-framework-for-understanding-chinese-political-interference-in-democratic-countries/

#command

Technology-Enabled Mission Command https://warontherocks.com/2020/04/technology-enabled-mission-command-keeping-up-with-the-johnpaul-joneses/

#defence procurement

Britain's National Audit Office Focuses on Ministry of Defence Capability Delivery, Not Just Equipment <u>https://rusi.org/commentary/britains-national-audit-office-focuses-ministry-defence-capability-delivery-not-just</u>

#logistics

Over the Shore Logistics of D Day and Beyond https://www.thinkdefence.co.uk/shore-logistics-d-day-beyond/

#nav war

Agency develops software to estimate areas of degraded GNSS service <u>https://www.ncia.nato.int/about-us/newsroom/agency-develops-software-to-estimate-areas-of-degraded-gnss-service.html</u>

#reading

Why We Read: Creating an intellectual edge for the Joint Force <u>https://cove.army.gov.au/article/why-we-read-creating-intellectual-edge-the-joint-force</u>

#Royal Canadian Navy

Joint Support Ships

https://www.navalassoc.ca/wp-content/uploads/2020/03/BN26-JSS.pdf

#strategy

Clausewitz, Corbett, and Corvettes http://cimsec.org/clausewitz-corbett-and-corvettes/43475

No Fly Zones and International Security: Politics and Strategy book review: <u>https://balloonstodrones.com/2020/04/19/bookreview-no-fly-zones-and-international-</u> security-politics-and-strategy/

Other:

#strategy

QOTD: 'Clever people taught us strategy...but when we communicate it to our civilian leadership and politicians they simple say we service chiefs only talk about strategy. Strategy is dismissed as of no use to our leaders so one wonders, why do we study it?' 1SL Johns to CNO. (<u>https://twitter.com/James_WE_Smith/status/1251851894672195585</u>) "Strategy is how we must plan & think, politics is how we must communicate." (<u>https://twitter.com/AC_NavalHistory/status/1251854158635962370</u>)

Office of the Veterans Ombudsman e-Newsletter

Fri, Apr 17, 2020

Dear Partners,

On Monday April 20 the Office of the Veterans Ombudsman will launch a new e-newsletter.

Through my discussions with you and our Veterans Ombudsman Advisory Council, I've heard that you'd like to be offered more ways to stay connected with the office and our work. And we are responding by publishing the *Focused on Fairness* e-newsletter quarterly.

You can sign-up using the link below, and unsubscribe anytime you like: https://lp.constantcontactpages.com/su/sZG972T/OVO

As we were putting the final touches on the first volume, the global pandemic was at our door step. After careful consideration and some delay, we've decided to share a condensed version with you our partners. Now, more than ever, my office believes it is important to find new means to connect.

You'll read in this volume highlights of both the work accomplished between January and March. Also we've shared an updated list of work underway, however at this point during the COVID-19 pandemic we are unable to provide dates, as nothing will be predictable about how our planned activities and events will flow over the next few months. Please know that our office continues to be focused and working on issues of importance to both individuals and the Veterans community. The office will be prepared to share more with you in due course.

We hope that you will subscribe, share, and enjoy the first edition of *Focused on Fairness*. And we encourage you to share the word within your communities and networks.

You can also keep up-to-date on the OVO's activities by also following us on our social media channels, as we frequently share updates via these channels: Facebook @VeteransOmbudsman; Twitter @VetsOmbudsman; and, Instagram @VeteransOmbudsmanCanada.

Thank you and stay safe.

Craig Dalton Veterans Ombudsman

Office of the Veterans Ombudsman report

Income Replacement Benefit Calculation for Reserve Force Veterans https://www.ombudsman-veterans.gc.ca/pdfs/reports/reserve-force-irb.pdf

Office of the Veterans Ombudsman Annual Report 2018-2019 "Focus on Fairness" https://www.ombudsman-veterans.gc.ca/pdfs/reports/annual-report-2018-2019.pdf



COMPLIMENTARY ACCESS - LIMITED SPACE DATE: May 1st, 2020 TIME: 13:00 - 14:30 EST REGISTER

https://cdainstitute.ca/product/tdb-webinar-canadas-national-security-after-covid-19/

CANADA'S NATIONAL SECURITY AFTER COVID-19

A number of national security challenges have arisen or been exposed as a result of the COVID-19 pandemic. The very notion of what Canadian national security is has broadened, along with the mandate of the Canadian Armed Forces (CAF) and the supporting role of our defence and security industry.

With regards to the CAF more specifically, what role is this institution currently playing in the COVID-19 pandemic, how is this expected to change? Are the CAF and its supply chain ready to answer governments' calls for domestic assistance relating to COVID-19, while simultaneously continuing its other core missions at home and abroad at an effective capacity? With regards to Canadian businesses and the national economy more generally, how will an intensified focus on national security, and renewed emphasis on preparedness for future crises impact investments in sectors seen as critical to national security?

PANEL 1

Adam P. MacDonald and Carter Vance will provide our viewers with a brief overview on how the CAF is currently responding to the crisis, its perspective on the situation, and what lessons have already been learned during the last few weeks. The authors will also present their paper, "*Covid-19 and the Canadian Armed Forces: Overview, Analysis, and Next Steps*" which elaborates on whether or not the Canadian Armed Forces is properly mandated, and should be tasked with the increasing domestic duties being placed upon it alongside its other defence commitments. The authors will also discuss the post-pandemic policy implications.

PANEL 2

Shawn C. D. Neylan and Marc Barbeau will present their essay, "National Security after COVD-19", which delves into what they describe as the long-term legacy of the virus – an intensified focus on "national security" on the part of the government and Canadian society. The authors will pose the question, -- what specific direction will this renewed focus take, and what will this mean for Canadian industry across all major sectors? What are the likely post-pandemic industrial policies that will encourage investments in and outside of Canada, and how will the Canadian government ensure that foreign investments do not negatively impact the security of Canada's critical infrastructure? The authors will also discuss how the lessons learned throughout this pandemic can better prepare Canada for future crises relating to national defence and climate change.