



Royal United Services Institute of Nova Scotia

Dispatches

3 April 2020

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 RUSINovaScotia@gmail.com. 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 non-members 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

RUSI(NS) also publishes a weekly *Defence & Security Newsletter*, aimed at opinion leaders and industry. If you are interested in receiving the newsletter, or want past editions, email admin@duncom.ca.

COVID-19

If there is a war-like aspect of this pandemic, it is the importance of logistics in the fight. It is interesting to see the increasing awareness at all levels at manufacturing the supplies essential to keep our front-line 'troops' (whatever they be: medical, other first responder, etc.) sustained. Less evident (there is some) is reporting of production of material and consumables to keep past and newly supplied kit functioning – reagents for testing, polymers for PPE, oxygen for the ventilators.

There are indications that this period of isolation may go on for months. Reach out if you find the days trying. Care, community, common sense.

What if smartphones could help contain COVID-19?

<https://epthinktank.eu/2020/03/25/what-if-smartphones-could-help-contain-covid-19/>

Viral Disinformation: The Kremlin's Coronavirus Information Operation in Ukraine

<http://www.understandingwar.org/backgrounder/viral-disinformation-kremlin's-coronavirus-information-operation-ukraine>

How China Built a Twitter Propaganda Machine Then Let It Loose on Coronavirus

<https://www.propublica.org/article/how-china-built-a-twitter-propaganda-machine-then-let-it-loose-on-coronavirus>

How to keep the new coronavirus from being used as a terrorist weapon

<https://thebulletin.org/2020/03/how-to-keep-the-new-coronavirus-from-being-used-as-a-terrorist-weapon/>

How to Counter China's Coronavirus Disinformation Campaign

<https://www.defenseone.com/ideas/2020/03/how-counter-chinas-covid-19-disinformation-campaign/164188/>

Addressing the Coronavirus Infodemic

<https://isnblog.ethz.ch/social-media/addressing-the-coronavirus-infodemic>

Information Control and the Covid-19 Crisis

<https://isnblog.ethz.ch/health/information-control-and-the-covid-19-crisis>

Pandemics Present and Future: Coronavirus in Context

<https://rusi.org/commentary/pandemics-present-and-future-coronavirus-context>

How Covid-19 is Changing the Organised Crime Threat

<https://rusi.org/commentary/how-covid-19-changing-organised-crime-threat>

The Influenza Pandemic – Lessons from the Deadly 1918 Outbreak Still Ring True Today

<https://militaryhistorynow.com/2020/03/01/the-influenza-pandemic-lessons-from-the-deadly-1918-outbreak-still-ring-true-today/>

Naval Quarantine: Impervious to Epidemics of Virulent Disease

<https://www.usni.org/magazines/proceedings/2006/july/naval-quarantine-impervious-epidemics-virulent-disease>

You need a US Naval institute membership or to use open their 90-day unlimited free web access (<https://www.usni.org/open-access>) to read this. Alternatively, email RUSINovaScotia@gmail.com.

COVID-19 is a Millennial Call to Arms

<https://mwi.usma.edu/covid-19-millennial-call-arms/>

How 3-D Printers Are Helping to Fight the Coronavirus

<https://www.newyorker.com/tech/annals-of-technology/how-3-d-printers-are-helping-to-fight-the-coronavirus>

Some RUSI(NS) members will recall our visit to the laser additive manufacturing (LAM) shop of Fleet Maintenance Facility Cape Scott. One wonders what such a capability could do to the war-like production of essential supplies during the pandemic. Cape Scott's LAM is very specialized, but let's not underestimate the ingenuity and innovation of the people there.

Military Use for Continued Law Enforcement During the Pandemic

<https://www.domesticpreparedness.com/resilience/military-use-for-continued-law-enforcement-during-the-pandemic/>

US laws and organizations, yes, but it is interesting to compare and contrast.

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 RUSINovaScotia@gmail.com. RUSI(NS) events may be cancelled at short notice – email RUSI(NS) if there is a question of an event occurring.

New: 8 April, Wednesday – Distinguished Speaker Captain(N) Tom Tulloch, RCN (ret'd), "A World Class Shipyard in our Midst." 1030 by Zoom video-conference.

Under consideration for postponement: 3 June, Wednesday - Distinguished Speaker Brigadier-General Roch Pelletier, Commander 5th Canadian Division, titled "Commander 5th Canadian Division – Army Reserve Update." 1130-1330 hours. Royal Artillery Park Officers' Mess.



Recent Publications:

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

The Military Institute of Windsor Communiqué, Volume XXXVIII Number 4 April 2020 is available on request to RUSINovaScotia@gmail.com.

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

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

<p>STRATCOMCOE @STRATCOMCOE 27 Mar tweeted and RUSI(NS) retweeted: We must be vigilant. Conspiracies and disinformation about COVID-19 quite literally threaten thousands of lives. Check out this article with a full timeline of pro-Kremlin coronavirus disinfo from @EUvsDisinfo (Disinformation Can Kill) https://euvsdisinfo.eu/disinformation-can-kill/</p>	
<p>David Pugliese @davidpugliese 27 Mar tweeted and RUSI(NS) retweeted: My new article...Canadian military on notice to provide logistic support, help vulnerable populations in wake of COVID-19 https://ottawacitizen.com/news/national/defence-watch/canadian-military-on-notice-to-provide-logistic-support-help-vulnerable-populations-in-wake-of-covid-19/</p>	
<p>Latest CDS Message on COVID-19 https://www.canada.ca/en/department-national-defence/corporate/organizational-structure/chief-defence-staff.html</p>	

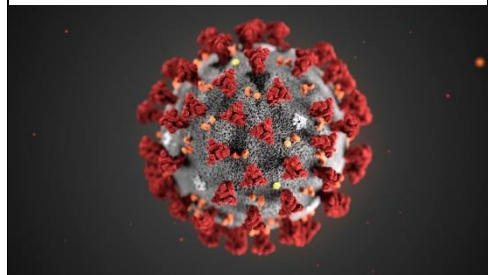
Prudent to design/build CAN🇨🇦 Surface Combatants #CSC with 'fit for but not with' ballistic missile defence capability <https://legionmagazine.com/en/2020/03/new-ships-raise-issue-of-missile-defence/> Especially as ballistic missiles are now tactical weapons. #RCNavy frigates need to defend selves/escorted ships
(New ships raise issue of missile defence)



UK Defence Journal @UKDefJournal Mar 25 tweeted: Military personnel have begun their training to drive oxygen tankers in support of the NHS as part of the Armed Forces contribution to the Coronavirus outbreak response, say the MoD. <https://ukdefencejournal.org.uk/training-begins-for-armed-forces-oxygen-tanker-drivers/>
(Training begins for Armed Forces oxygen tanker drivers)
Good example of utility of military (any state) in domestic operation in response to natural disaster. Logistics a @CanadianForces forte. Oxygen = critical resource for ventilators. Stocks, production & transport capabilities? #OpLASER #COVID19



UK Defence Journal @UKDefJournal Mar 25 tweeted: Military personnel have begun their training to drive oxygen tankers in support of the NHS as part of the Armed Forces contribution to the Coronavirus outbreak response, say the MoD. <https://ukdefencejournal.org.uk/training-begins-for-armed-forces-oxygen-tanker-drivers/>
(Training begins for Armed Forces oxygen tanker drivers)
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.@CanadianForces Central Medical Equipment Depot www.petawawapostlive.ca/stories_site/december2017/december7/cafslargestpharmacy.html Mission: provide health care supply & equip maint/repair spt to #CAF. Main efforts: building&providing med readiness kits, & performing maint&repair of med equip #COVID19 #OpLASER <https://www.canada.ca/en/department-national-defence/services/operations/military-operations/current-operations/laser.html>
(CAF's Largest Pharmacy turns 110)



NATO Support and Procurement Agency @NSPA_NATO 30 Mar tweeted: Our team in Taranto is producing 3D printed connectors converting snorkelling masks into emergency ventilator masks to combat the effects of #COVID19. The connectors will be donated to @DPCgov. Little gestures, great impact - #StrongerTogether (NSPA team donates 3D-printed connectors to turn snorkels into emergency ventilators masks in the fight against COVID-19

<https://www.nspa.nato.int/en/news/news-20200330-8.htm>

RUSI(NS) retweeted: Innovation! #3Dprinting #additiveManufacturing



Crews of @RCN_MARLANT Ready Duty Ships sequestered to ready for missions (#COVID19-related or not) post-isolation <https://www.theguardian.pe.ca/news/canada/navy-isolating-sailors-in-halifax-as-ships-prepare-to-assist-covid-19-response-431509/> Other ships/capabilities of #RCNavy could/would respond to any arising any time (Navy isolating sailors in Halifax as ships prepare to assist COVID-19 response)



David Pugliese @davidpugliese 30 Mar tweeted and RUSI(NS) retweeted: Story now updated....CAF has a plan to mobilize but has not yet done so....Canadian military has plan to mobilize 24,000 personnel to respond to COVID-19 (Canadian military has plan to mobilize 24,000 personnel to respond to COVID-19

<https://ottawacitizen.com/news/national/defence-watch/canadian-military-mobilizes-24000-personnel-to-respond-to-covid-19/>)



Canadian Global Affairs Institute @CAGlobalAffairs 31 Mar tweeted and RUSI(NS) retweeted: What's missing from our health intelligence to predict oncoming threats like #COVID19? Wesley Wark examines our national security system and how we should rethink its role at home: (Health Intelligence, National Security and the COVID-19 Pandemic


https://www.cgai.ca/health_intelligence_national_security_and_the_covid_19_pandemic)



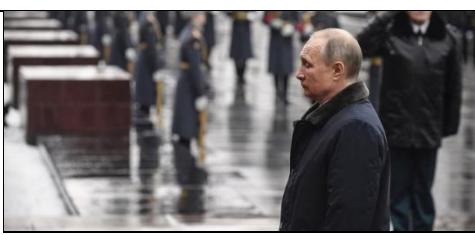
RUSI(NS) Information Note "Naval Camouflage and its Application on HMC Ships REGINA and MONCTON: A Brief History" <https://rusi-ns.ca/naval-camouflage-and-its-application-on-hmc-ships-regina-and-moncton-a-brief-history/> #RCNavy commemorating end Second World War #2WW #BattleOfAtlantic #BoA with disruptive paint scheme #HMCSRegina #HMCSMoncton


Coincidentally the following article came out:



<p>The Advent of Naval Dazzle http://cimsec.org/the-advent-of-naval-dazzle-camouflage/43237</p>	
<p>Left Coast Fleet @AngusTopshee Mar 29 tweeted: @HMCS_NCSMRegina ‘s paint scheme looks great - especially in the dreary grey, date I say “Atlantic-like” weather we had yesterday RUSI(NS) retweeted: RUSI(NS) Information Note "Naval Camouflage and its Application on HMC Ships REGINA and MONCTON: A Brief History" https://rusi-ns.ca/naval-camouflage-and-its-application-on-hmc-ships-regina-and-moncton-a-brief-history/ @RoyalCanNavy @Comd_RCN @RCN_MARLANT @MARPAF_FMARF @landoncreasy @TimDotChoi</p>	

Posted on Facebook Royal United Services Institute NS with comments:

<p>Russia Pushing Coronavirus Lies As Part of Anti-NATO Influence Ops in Europe</p> <p>https://www.defenseone.com/technology/2020/03/russia-pushing-coronavirus-lies-part-anti-nato-influence-ops-europe/164140/</p> <p>When an objective of information operations is to sow uncertainty and discord, a pandemic like COVID-19 provides an opportune situation to do so. We have to be all the more careful and skeptical now of what we read whilst we are already under a lot of stress.</p> <p>Note the article's link to "Safeguarding Democracy Against Disinformation" (www.gmfus.org/publications/safeguarding-democracy-against-disinformation).</p>	
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<p>The US Navy Can, and Should, Do More Against the Coronavirus</p> <p>https://www.defenseone.com/ideas/2020/03/navy-can-and-should-do-more-against-covid-19/164105/</p> <p>ASTERIX, leased to the Royal Canadian Navy as a replenishment oiler, is the nearest thing that our Navy has to a US 'big deck' aircraft carrier or amphibious ship. Despite the huge differences with those US ships, ASTERIX does have good medical and other capabilities which could be of use, especially under certain circumstances (e.g., pandemic in an outlying coastal town). One can be assured that planners on naval and Canadian Joint Operations Command (the overall military responder) staffs are considering ASTERIX.</p> <p>From: "Canadian Armed Forces prep coronavirus response plan, but no request for help yet" (https://globalnews.ca/news/6708040/canadian-armed-forces-coronavirus-response-preparation/): "Asterix has a new, fully equipped surgery unit, a small intensive care unit, a pharmacy and a hospital ward capable of handling 100 patients. If required, it could care for several hundred more patients in its gymnasium, cargo areas and helicopter hangers."</p>	
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As a post script, one wonders whether other large government ships (e.g., ferries) are being considered. None are likely to have the built-in medical capabilities but it is interesting what can be done with containerized facilities ("clinic-in-a-box").

What Does COVID-19 Mean For The Future Of The British Armed Forces?

<https://thinpinstripedline.blogspot.com/2020/03/what-does-covid-19-mean-for-future-of.html>



Some thinking herein that may find parallels for the future of the Canadian Armed Forces, post-COVID-19. Yes, the pandemic is a strategic shock. We will not return to normal, we will progress to a new, different, normal. What will that new normal look like? What different ways will the CAF have to be structured and do business? Hmm, maybe we need a defence policy review in 2021? Or, to take something from the UK, maybe Canada should do an integrated defence and security (and maybe encompass safety affairs, too) review.

A new beginning? Next-gen USVs and the future of naval combat

<https://www.defenceconnect.com.au/intel-cyber/5816-a-new-beginning-thales-next-gen-usv-ushers-in-a-new-era-of-unmanned-naval-warfare>



"Likewise, reliance on these [drone and artificial intelligence] technologies poses an entirely different set of questions for policymakers. In a geopolitical theatre driven by (largely) Sino-American tensions, can Australia really afford to rely on unmanned technologies that are produced by these countries?"

The article raises the question for any second tier state (let's use Canada as the example), wanting and rich enough to afford significant drones and AI as part of national defence and security, but not so rich as to have domestic production capabilities: should Canada not ensure development and sustainment in Canada of robust drone (all environments) and AI research, development, production and operations industries?

How the pandemic could start inflaming wars around the world

<https://www.cbc.ca/news/SOMNIA-1.5511852>



"...the COVID-19 crisis represents a risk to social order and could further inflame already intractable wars across the globe..."

"The disease means that international leaders, focused as they are on dramatic domestic issues, have little or no time to devote to conflicts or peace processes..."

What will be the relative positions of the great powers once the world assumes its post-COVID 'new normal?'

ICG report "COVID-19 and Conflict: Seven Trends to Watch" at <https://www.crisisgroup.org/global/sb4-covid-19-and-conflict-seven-trends-watch>.

Rickety Anchor: North Korea Calls its Illicit Shipping Fleet Home amid Coronavirus Fears

<https://rusi.org/commentary/rickety-anchor-north-korea-calls-its-illicit-shipping-fleet-home-amid-coronavirus-fears>



"The anchoring of North Korea's shipping fleet may have long-lasting ramifications for the country's economy and has immediate consequences for Pyongyang's ongoing efforts to evade UNSC resolutions."

Context for Canada's Operation NEON (<https://www.canada.ca/en/department-national-defence/services/operations/military-operations/current-operations/operation-neon.html>), "Canada's contribution to a coordinated multinational effort to support the implementation of United Nations Security Council sanctions imposed against North Korea." There does not appear to be public reporting of NEON recently.

COVID-19 screening uncertainty looms over USNS Comfort as Trump bids sailors 'bon voyage'

<https://www.navytimes.com/news/your-navy/2020/03/29/covid-19-screening-uncertainties-loom-over-hospital-ship-comfort-as-trump-bids-sailors-bon-voyage/>



This article reports issues with employing a naval hospital ship in a pandemic. Lessons.

French Sending Amphibious Warships to Caribbean, Indian Ocean for Coronavirus Response

<https://news.usni.org/2020/03/27/french-sending-amphibious-warships-to-caribbean-indian-ocean-for-coronavirus-response>



When a state has global possessions it is appropriate (essential) that the state have a correctly structured navy. In this case, France has the need and the ships - purportedly amphibious but really multi-role (all warships are multi-role to greater or lesser extent). Calls for Canada to acquire such ships ("COVID19 Highlights the Folly of NOT Acquiring Two Mistral-class Amphibious Warships in 2015" mapleleafnavy.com/covid19-highlights-the-folly-of-not-acquiring-two-mistrals-in-2015/) are right in that Canada could benefit from large multi-role ships well designed for logistics, disaster relief and similar missions, but wrong in that the Mistral-class was and is too much ship for our needs. The cost alone of personnel (particularly air and

army) and of helicopters is an unreasonable debt considering Canada's current (and now imminent) financial state and our country's geo-political situation. We need to buy the navy (and other military) that meets (is balanced for) our defence and security policy and strategy.

Still, the French action nicely highlights the utility of large multi-role ships.

In a World of Pandemics and 'Black Sky Hazards', Can the UN Be Rendered Fit for the 21st Century?

<https://rusi.org/commentary/world-pandemics-and-%E2%80%98black-sky-hazards%E2%80%99-can-un-be-rendered-fit-21st-century>



"'Black Sky' hazards represent a new class of emerging malicious and natural threats, complicated by these interdependencies, taking place at a level of severity that would cause an unprecedented subcontinent-scale power outage lasting weeks or months."

'Black Sky' hazards. Have head of 'Black Swan' events (an "event that comes as a surprise, has a major effect, and is often inappropriately rationalised after the fact with the benefit of hindsight") but Black sky is new to this writer. Anyways, another term to watch.

Manta – the Royal Navy gets its first extra-large autonomous submarine

<https://www.savetheroyalnavy.org/manta-the-royal-navy-gets-its-first-extra-large-autonomous-submarine/>



"Manta offers a very inexpensive technology demonstrator and pathway for the RN to have operational UUVs within 5-10 years. Its shortage of manned submarines and the increasingly contested underwater battlespace means much is at stake for the RN with this relatively low-profile project."

By the time Canada gets around to re-capitalizing its submarine force, unmanned underwater vehicles (UUV) such as this extra large version (XLUUV) will be common amongst leading navies. It behooves Canada to be involved in the development of such UUV and of their operating doctrine early so that our next submarine force remains effective. How will drones be addressed in the National Shipbuilding Strategy? Which shipbuilders (boatbuilders?) are looking at building XLUUV?

Spanish Navy's LPD Galicia Tasked with Covid-19 Relief Mission

<https://www.navalnews.com/naval-news/2020/04/spanish-navys-lpd-galicia-tasked-with-covid-19-relief-mission/>



And another state's ship, primarily an amphibious landing ship but really a multi-role vessel, is employed in a COVID-19 relief mission. Will one of the lessons from this pandemic be the utility of such ships in a navy? Will the lesson be hoisted in by Canada and a multi-role (a.k.a. multi-mission) vessel be procured for our Navy? Or at least another replenishment oiler (somewhat limited but is multi-role) be procured, prior the Joint Support Ship project ships being commissioned into active service?

Coronavirus Disinformation and the Need for States to Shore Up International Law

<https://www.lawfareblog.com/coronavirus-disinformation-and-need-states-shore-international-law>



"Advances in digital technology have created new vulnerabilities and enabled states to engage in an unprecedented level of destabilizing covert influence. It is time for states to draw a line between acceptable and unacceptable, legitimate and illegitimate, influence and interference."

Let's not be too distracted during this pandemic. It is a time of 'public information warfare.' The appropriate Canadian organizations should be engaged in defending Canada and countering malignant information as an integrated element of our COVID-19 response.

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



This Week

<https://mailchi.mp/rusi.org/27-march-rusi-this-week?e=a539211a30>



Enhancing deterrence and defence on NATO's northern flank

https://www.rand.org/pubs/research_reports/RR4381..html?utm_source=WhatCountsEmail&utm_medium=RAND%20Policy%20Currents+AEM:%20%20Email%20Address%20NOT%20LIKE%20DOTMIL&utm_campaign=AEM:631600804



U.N. Security Council Paralyzed as Contagion Rages

https://foreignpolicy.com/2020/03/27/un-security-council-uncsc-coronavirus-pandemic/?utm_source=PostUp&utm_medium=email&utm_campaign=20503&utm_term=Editor#39;s%20Picks%20OC&tpcc=20503



Scenario Analysis: COVID-19 Pandemic and Oil Price Shocks

<https://www.pbo-dpb.gc.ca/en/blog/news/RP-1920-033-S--scenario-analysis-covid-19-pandemic-oil-price-shocks--analyse-scenario-chocs-dus-pandemie-covid-19-chute-prix-petrole?platform=hootsuite>



Gripen F Fighter Production Under way

<https://saabgroup.com/media/news-press/news/2020-03/gripen-f-fighter-production-under-way/>



Canadian military on notice to provide logistic support, help vulnerable populations in wake of COVID-19

<https://ottawacitizen.com/news/national/defence-watch/canadian-military-on-notice-to-provide-logistic-support-help-vulnerable-populations-in-wake-of-covid-19/>



It's official: North Macedonia becomes NATO's 30th member

https://www.defensenews.com/global/europe/2020/03/27/its-official-north-macedonia-becomes-natos-30th-member/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2003.30.20&utm_term=Editorial%20-%20Early%20Bird%20Brief



How to Counter China's Coronavirus Disinformation Campaign

https://www.defenseone.com/ideas/2020/03/how-counter-chinas-covid-19-disinformation-campaign/164188/?oref=defenseone_today_nl



Navy crews sequestered in a Halifax hotel to reduce COVID-19 risks before departure

<https://www.msn.com/en-ca/news/canada/navy-crews-sequestered-in-a-halifax-hotel-to-reduce-covid-19-risks-before-departure/ar-BB11VKsK?ocid=se2>



Canadian military has plan to mobilize 24,000 personnel to respond to COVID-19

<https://ottawacitizen.com/news/national/defence-watch/canadian-military-mobilizes-24000-personnel-to-respond-to-covid-19/wcm/7723265c-5583-47e7-a638-6a417fa7fddc/>



Canada's spy service moves quietly ahead with data-crunching plans: documents

<https://meadowlakenow.com/2020/03/30/canadas-spy-service-moves-quietly-ahead-with-data-crunching-plans-documents/>



Canadian military assembles 'rapid reaction' teams to help with pandemic response

<https://www.cbc.ca/news/somnium-1.5514922>



Ep. 65: Preparing for the next coronavirus

https://www.defenseone.com/ideas/2020/03/ep-65-preparing-next-coronavirus/164185/?oref=defenseone_today_nl



North Korea test fires missiles amid worries about outbreak

https://www.defensenews.com/training-sim/2020/03/30/north-korea-test-fires-missiles-amid-worries-about-outbreak/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2003.31.20&utm_term=Editorial%20-%20Early%20Bird%20Brief



Japan says destroyer and Chinese boat collided; China says one hurt

https://www.reuters.com/article/us-japan-china/japan-says-destroyer-and-chinese-boat-collided-china-says-one-hurt-idUSKBN21I10U?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2003.31.20&utm_term=Editorial%20-%20Early%20Bird%20Brief



Health Intelligence, National Security and the COVID-19 Pandemic

https://www.cgai.ca/health_intelligence_national_security_and_the_covid_19_pandemic?utm_campaign=pp_healthsecuritycovid&utm_medium=email&utm_source=cd fai



Contending with ISIS in the Time of Coronavirus

https://www.crisisgroup.org/global/contending-isis-time-coronavirus?utm_source=Sign+Up+to+Crisis+Group%27s+Email+Updates&utm_campaign=796e075ba2-EMAIL_CAMPAIGN_2019_09_05_07_56_COPY_01&utm_medium=email&utm_term=0_1dab8c11ea-796e075ba2-359310265



US Navy Evacuating Aircraft Carrier Infected by Coronavirus

https://www.defenseone.com/threats/2020/03/us-navy-evacuating-aircraft-carrier-infected-coronavirus/164254/?oref=defense_one_breaking_nl



EU launches new naval mission to police Libya arms embargo

https://www.defensenews.com/naval/2020/03/31/eu-launches-new-naval-mission-to-police-libya-arms-embargo/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2004.01.20&utm_term=Editorial%20-%20Early%20Bird%20Brief



Periodical Articles for Current Awareness 2020: April 2020

<https://usawc.libguides.com/pac2020/April>



A War Plan to Fight the Pandemic

https://www.cgai.ca/a_war_plan_to_fight_the_pandemic?utm_campaign=pp_barbaramartin_covid19war&utm_medium=email&utm_source=cdfai



CANSEC 2020 cancelled because of COVID-19 – trade show to be held next year

<https://ottawacitizen.com/news/national/defence-watch/cansec-2020-cancelled-because-of-covid-19-trade-show-to-be-held-next-year/wcm/0839c539-6bd5-4f06-ada4-ac7d8adb6705/>



US Sailors Pour Off Aircraft Carrier and Into Coronavirus Isolation on Guam

https://www.defenseone.com/threats/2020/04/us-sailors-pour-aircraft-carrier-and-isolation-guam/164287/?oref=defense_one_breaking_nl



Russia Scores Pandemic Propaganda Triumph With Medical Delivery to U.S.

https://foreignpolicy.com/2020/04/01/russia-scores-pandemic-propaganda-triumph-with-medical-delivery-to-u-s-trump-disinformation-china-moscow-kremlin-coronavirus/?utm_source=PostUp&utm_medium=email&utm_campaign=20656&utm_term=Editor#39;s%20Picks%20OC&?tpcc=20656



Reservists will be ready to fight COVID-19 in about a week, defence source says

<https://www.msn.com/en-ca/news/canada/reservists-will-be-ready-to-fight-covid-19-in-about-a-week-defence-source-says/ar-BB123YmZ?ocid=se2>



Troops await word on quarantine location upon return from Ukraine

<https://www.msn.com/en-ca/news/canada/troops-await-word-on-quarantine-location-upon-return-from-ukraine/ar-BB121wMd?ocid=se2>



Sweden pushes back after allies ditch military exercise

https://www.defensenews.com/training-sim/2020/04/01/sweden-pushes-back-after-allies-ditch-military-exercise/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2004.02.20&utm_term=Editorial%20-%20Early%20Bird%20Brief



China Concealed Extent of Virus Outbreak, U.S. Intelligence Says

https://www.bloomberg.com/news/articles/2020-04-01/china-concealed-extent-of-virus-outbreak-u-s-intelligence-says?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2004.02.20&utm_term=Editorial%20-%20Early%20Bird%20Brief



COVID-19 halts Iraq training, some Canadians leave Iraq but larger withdrawal being considered

<https://ottawacitizen.com/news/national/defence-watch/covid-19-halts-iraq-training-some-canadians-leave-iraq-but-larger-withdrawal-being-considered/>



US Navy Speeds Weapon Buys To Keep Small Suppliers Afloat Amid Coronavirus

https://www.defenseone.com/business/2020/04/navy-speeds-weapon-buys-keep-small-suppliers-afloat-amid-coronavirus/164299/?oref=defense_one_breaking_nl



Coronavirus: Navy bringing warships home earlier than planned

<https://www.msn.com/en-ca/news/canada/coronavirus-navy-bringing-warships-home-earlier-than-planned/ar-BB125ilZ?ocid=se2>



Coronavirus Disinformation and the Need for States to Shore Up International Law

<https://www.lawfareblog.com/coronavirus-disinformation-and-need-states-shore-international-law>



Aircraft Carrier Captain Fired For ‘Poor Judgement’ In Sending Coronavirus Letter

https://www.defenseone.com/threats/2020/04/aircraft-carrier-captain-fired-poor-judgement-over-coronavirus-letter/164336/?oref=defense_one_breaking_nl



Focus

MONTHLY UPDATE FROM
THE ROYAL UNITED SERVICES INSTITUTE

<https://mailchi.mp/rusi.org/march-focus-2020?e=a539211a30>



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

#Arctic

Not for Sale: Trump, Greenland and Danish Naval Diplomacy

https://www.navalreview.ca/wp-content/uploads/public/vol15num3/cnr_vol15_3_editorial.pdf

#artificial intelligence

Artificial intelligence [What Think Tanks are thinking]

<https://epthinktank.eu/2020/02/21/artificial-intelligence-what-think-tanks-are-thinking/>

Don't Neglect the Easy Wins for Military AI

cimsec.org/dont-neglect-the-easy-wins-for-military-ai/43270

#assistance to civil authority

Use Defence Carefully in a Civil Crisis

<https://rusi.org/commentary/use-defence-carefully-civil-crisis>

UK but interesting to compare.

#command

The Currency of Mission Command

<http://cimsec.org/the-currency-of-mission-command/43263>

4 Observations from a Company Commander, Commanding at home.

<https://fromthegreennotebook.com/2020/03/31/4-observations-from-a-company-commander-commanding-at-home/>

#conflict

Are We Radically Underestimating the Effects of Climate on Armed Conflict?

<https://isnblog.ethz.ch/conflict/are-we-radically-underestimating-the-effects-of-climate-on-armed-conflict>

#informaton operations

Safeguarding Digital Democracy

<http://www.gmfus.org/publications/safeguarding-democracy-against-disinformation>

#innovation

Tips on innovation from a year at the jHub/jHubMed

<http://drjk.co.uk/1-ideation/>

jHub/jHubMed - "secretive UK military (medical) lab"

#land operations

The (US) Army #Operating Concept: An Insider's Perspective

<https://thestrategybridge.org/the-bridge/2014/10/14/the-army-operating-concept-an-insiders-perspective>

The Strategy Bridge on Twitter 1 Apr 20: "Deployments going forward will be more expeditionary in nature and mindset. Expeditionary is not always the speed of deployment, but at times the austere conditions Soldiers will operate in." -@dansukman #Army #US #NationalSecurity

#leadership

"There's something wrong with our bloody leaders..."

<https://wavellroom.com/2020/03/24/theres-something-wrong-with-our-bloody-leaders/>

RN but lessons to be learned.

#medical

Death Ignores the Golden Hour - The Argument for Mobile, Farther-Forward Surgery

<https://www.armyupress.army.mil/Journals/Military-Review/English-Edition-Archives/March-April-2020/Beldowicz-Golden-Hour/>

#naval operations

Operationalizing Distributed Maritime Operations

cimsec.org/operationalizing-distributed-maritime-operations/39831

#Russia

Why Does Russia Use Disinformation?

<https://www.lawfareblog.com/why-does-russia-use-disinformation>

#soldiering

LION Culture – A Practical Guide to Unlocking the Potential of Every Soldier

<https://thearmyleader.co.uk/lion-culture/>

#space #doctrine

Space War College struggles to find applicable Clausewitz readings

<https://www.duffelblog.com/2020/03/space-war-college-struggles-to-find-applicable-clausewitz-readings/>

#strategy

Where Are All the People in the (US) Army's Future Fights?

<https://mwi.usma.edu/people-armys-future-fights/>

#war

Ethical Implications of Large Scale Combat Operations

<http://thesimonscenter.org/special-report-ethical-implications-of-lsco/>

Other:

CF Health Services Group @CFHSvcs 27 Mar tweeted and RUSI(NS) retweeted: CFINTCOM, working with the CFHSG, has produced a #COVID19 placemat to provide #CAF members with info & resources. For the latest COVID-19 info and resources for the Defence Team:

<http://canada.ca/defence-team-covid-19>

Literally placements – in their original size these two pictures are each 24” wide.

Do I have COVID-19?

If you think you have COVID-19, isolate yourself as quickly as possible. Use your Provincial or Territorial self-assessment tools, consult your local Public Health authority or Base/Wing Medical Centre. Symptoms may take up to 14 days to appear after exposure to COVID-19.

Symptoms	COVID-19	Flu	Cold
Fever	●	●	
Cough	●	●	●
Difficulty breathing	●		
Sore throat		●	●
Nasal congestion		●	●
Runny nose		●	●
Headache		●	●
Muscle pain	●		

Hand Hygiene Steps:

- Wet hands with warm water
- Apply soap
- For at least 20 seconds, make sure to wash:
- Rinse well
- Dry hands well with paper towel
- Turn off tap using paper towel

Quote: "Wash your hands like you've been chopping jalapeños and you need to change your contacts." - Dr. Bonnie Henry, B.C. Health Officer

Vulnerable Populations
Anyone who is:

- An older adult (65+)
- At risk due to underlying health conditions (e.g. heart disease, hypertension, diabetes, chronic respiratory diseases, lowered immune systems, or cancer)
- At risk due to a compromised immune system

What can you and your family do to help?
Social distancing is proven to be one of the most effective ways to reduce the spread of illness during an outbreak. This means making changes in your everyday routines in order to minimize close contact with others, and in particular avoiding those who are at higher risk of getting COVID-19.

THE POWER OF SOCIAL DISTANCING

Exposure	Now	5 Days	30 Days
100% Exposure	1 Person	3 People Infected	60 People Infected
50% Exposure	1 Person	2 People Infected	18 People Infected
25% Exposure	1 Person	1 Person Infected	6 People Infected

Treatment
There is no specific treatment for COVID-19 infection. Most people with mild coronavirus illness will recover on their own. To stop the transmission chain, isolation of infected individuals and practicing social distancing is best. If severe symptoms develop (frequently short of breath and cannot manage your symptoms at home), visit your local hospital ER or call 9-1-1 if required. If you have received a flu vaccine, it will not protect against coronavirus. A COVID-19 vaccine is being studied, but researchers need to make sure it works, and that it is safe.

Additional Resources:
Call: 1-833-784-4397
Visit: canada.ca/coronavirus or pnhc.international or your local Public Health unit website
Email: phac.info.aspc@canada.ca
Download the [HF Co-Act](#)
WHO: www.who.int/coronavirus

COVID Information Security

Think 'Sheep' before you share to avoid getting tricked by online misinformation

<https://firstdraftnews.org/latest/think-sheep-before-you-share-to-avoid-getting-tricked-by-online-misinformation/>

DON'T GET TRICKED BY ONLINE MISINFORMATION

Remember these checks when browsing social media

Source

Look at what lies beneath. Check the about page of a website or account, look at any account info and search for names or usernames.

History

Does this source have an agenda? Find out what subjects it regularly covers or if it promotes only one perspective.

Evidence

Explore the details of a claim or meme and find out if it is backed up by reliable evidence from elsewhere.

Emotion

Does the source rely on emotion to make a point? Check for sensational, inflammatory and divisive language.

Pictures

Pictures paint a thousand words. Identify what message an image is portraying and whether the source is using images to get attention.

Think **SHEEP** before you share

FIRSTDRAFT

Maritime Engineering Journal Spring 2020

<https://www.canad.ca/en/departement-national-defence/corporate/reports-publications/maritime-engineering-journal.html>



Military Review March-April 2020

<https://www.armyupress.army.mil/journals/military-review/english-edition-archives/March-April-2020/>

contents:

Preventing the Collapse: Fighting Friction after First Contact at the National Training Center

Lightning Strike

We Are Missing Opportunities to Build Sustained, Total Force Readiness inside Brigade Combat

Teams

Death Ignores the Golden Hour: The Argument for Mobile, Farther-Forward Surgery

Divided We Fall: How the U.S. Force Is Losing Its Joint Advantage over China and Russia

Gap-Crossing Operations: Medieval and Modern

Utilizing Army Historians in the Operational Force

“Trans-Rational” Iran’s Transnational Strategy for Dominance and Why It Cannot Survive Great Power Competition

Tweeting Terror Live: Al-Shabaab’s Use of Twitter during the Westgate Attack and Implications for Counterterrorism Communications

Consolidating Gains in Northeast Syria: A Whole-of-Government Approach to Evaluating Civil Authority

Sluss-Tiller Tests the Cultural Competence Special Operations Forces Need

Notification of Deferral - 75th Anniversary of Battle of Atlantic (BOA) Commemoration Events

Shipmates, as you are aware, 2020 is the 75th anniversary of our victory in the Second World War's longest campaign, the Battle of the Atlantic – a national effort against a formidable foe. Ironically, this anniversary has fallen upon us as we now struggle with a different type of foe and again we need to unite from coast-to-coast-to-coast in our actions to secure a critical victory in the pandemic we face. It goes without saying that we are in a very uncertain and unprecedented time as we fight to vanquish this new hidden enemy, as our predecessors did against theirs 75 years ago. Beyond a doubt, the fight against COVID-19 is going to have an impact on all of us – indeed it already has significantly impacted our daily routines, both at work and at home. In this light, I have decided that our year-long celebration of the anniversary will undertake a nation-wide operational pause of all RCN-led commemoration activities until at least the end of May. Significantly, this means that the premiere BOA Sunday commemorative events and ceremonies planned for 3 May 2020, including the National Commemoration at the National War Memorial - as well as the events planned in the few days running-up to BOA Sunday - will all be deferred. This decision aligns too, by the way, with the recent announcement by the Naval Association of Canada (NAC) that, following consultation with the RCN, the NAC-led BOA Gala Dinner previously scheduled for Thursday 30 April at the National War Museum is also deferred. These deferrals align with the unprecedented requirements of our current national pandemic response efforts and clearly reflect our prioritization of the health and well-being of our veterans, our sailors, our families and of our communities at large. Further, the unfortunate necessity for deferral reflects the fact that your safety remains an RCN/CAF priority.

Obviously, we'll resume our commemorative events again later this year when the situation permits. Expect to hear more from the RCN in this regard as soon as it becomes possible to predict when we'll resume these important activities. For now, however, I'd share that it is intended that we'll reset to have all previously planned 75th anniversary BOA commemoration events, ceremonies, and gala (NAC concurring – TBC) scheduled for a Fall date – perhaps coincident with NIOBE Day (TBD).

Meanwhile, expect too some guidance and encouragement soon from the RCN as to how we can all individually and safely salute our amazing predecessors – the veterans of the Battle of the Atlantic as well as the other wars and operations conducted since in which the RCN has repeatedly distinguished itself as a proven warfighting service – come the first Sunday in May.

And, in the interim, Shipmates, please continue to look after yourself, your family, and your shipmates!

Yours Aye,

Art McDonald
Vice-Admiral
Commander Royal Canadian Navy



The **US Naval Institute** is offering 90-day unlimited free web access to Proceedings and Naval History magazines: <https://www.usni.org/open-access>