



# Royal United Services Institute of Nova Scotia

## Dispatches

### 14 May 2021

*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 news of interest, included posts to social media by the Institute. Links to articles are checked at the time they are put into *Dispatches* but may be unavailable at a later date or in some countries other than Canada.

If you are not a direct recipient of *Dispatches* but wish to be so, email [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com). If you do not want to receive *Dispatches*, or wish to receive it at some different frequency, please inform RUSI(NS). If you wish to receive *Dispatches* at a different address (i.e., not your work address), please inform RUSI(NS). Past editions of *Dispatches* may be requested by contacting RUSI(NS).

Everyone is encouraged to submit 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 or other government department, the Canadian Armed Forces, the Royal Canadian Mounted Police or the Royal United Services Institute of Nova Scotia

#### Events:

To list an event in *Dispatches*, email RUSI(NS) 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](mailto: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: 19 May - 8 September** - Juno Beach Centre Association Maple Leaf Route Webinar Series  
For details, see: <https://www.junobeach.org/events/maple-leaf-route-webinar-series/>

**19 May** - Juno Beach, 1944–2014: An Overview

Dates thereafter per website:

Stopping The Panzers: Canada's Forgotten Overlord Role

A Woman's Touch: Supporting Canadian Servicemen's Resilience In Europe, 1943–47

The Air Support Rollercoaster: Canadian Soldiers' Morale In Normandy

"J'irai Revoir Ma Normandie": French-Canadian Infantry Units in Normandy

Canadian Army Officer Discipline and Martial Justice, 1944–45

The Canadians in Normandy: Another Go-Around

**19 May**, Wednesday - RUSI(NS) Distinguished Speakers Colonel David Moar, RCAF, Commander 4 Wing; and Colonel Travolis Simmons, USAF, Commander 3rd Wing. The topic of their presentations is "Arctic Air Operations: Canada and United States Agile Fighter Employment in Defence of North America." To register, email [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com) by close of business Sunday, 16 May. As the subject line for your registration email, put: RUSI(NS) Distinguished Speakers 19 May 2021 Registration. Zoom joining instructions will be emailed to registrants by end Monday, 17 May.

**New:** **19 May**, Wednesday - Military Institute of Windsor Speaker Dr Dereek Congram "Forensic Anthropology and a Commitment to the Conflict Dead." 1900 Windsor time. To register, email Morris Brause [morbrause@gmail.com](mailto:morbrause@gmail.com). See poster at end of *Dispatches*.

**26 May**, Wednesday - Women in Defence and Security (WiDS) Creating Connections event "Commanding in COVID: Keeping Cyber Security Operations in Full Force." 3:30-4:30 pm EDT. Via MS Teams. LCol Marilyne Lafortune will share her experience leading a tactical cyber unit through COVID-19. Benefit from understanding challenges her unit encountered, how she adapted her leadership style, important lessons learned from the front lines, and more. Free; to register: [www.wids.ca](http://www.wids.ca).

**2 June**, Wednesday - RUSI(NS) Distinguished Speaker Brigadier-General J.J. Major, Chief of Staff Operations, Canadian Army Headquarters. The topic of his presentation is "The Canadian Army at an Inflection Point - Delivering Excellence Today and into the Future." To register, email [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com) by close of business Sunday, 30 May. As the subject line for your registration email, put: RUSI(NS) Distinguished Speakers 2 June 2021 Registration. Zoom joining instructions will be emailed to registrants by end Monday, 31 May. Advance viewing for BGen Major's talk: Advancing with Purpose: The Canadian Army Modernization Strategy <https://www.youtube.com/watch?v=iYXLoNHAh5k>

**6 June**, Sunday - Halifax Military Heritage Preservation Society presentation by Dr Tim Cook, "The Fight For History." 6-7 pm Atlantic time. Via Zoom. On the occasion of the 77th D-Day Anniversary and the Battle of Normandy on 6 June 1944 - one of the most pivotal events of the Second World War in turning back the march of the Nazis across Europe - the HMHPS invites you to attend a presentation by military historian and author, Dr Tim Cook. Tim will share reflections from his latest book, "The Fight for History, 76 Years of Forgetting, Remembering, and Remaking Canada's Second World War," on how Canada remembered after the war - not only D-Day, but many other aspects of the war. To register, email Leo Deveau ([leo.deveau@eastlink.ca](mailto:leo.deveau@eastlink.ca)) and you will receive later the web link and password to attend the presentation. See poster at end of *Dispatches*.

**23 June**, Wednesday - RUSI(NS) Distinguished Speaker from Canadian Joint Warfare Centre speaking on Canadian Armed Forces use of wargaming. Details to be announced.

Canadian Defence Academy "The Torch: Upcoming Events"

<https://cfc-ca.libguides.com/c.php?g=709488&p=5097594&preview=8d01d4c58cd1fa4b02bc759f34e935be>

Also has links to recordings of past events.

### **Recent Publications:**

Except where otherwise indicated, publications are available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

**New:** Royal Alberta United Services Institute News Volume 30, Issue 2, April-June 2021 [https://rausi.ca/images/edocman/newsletters/rausi/2020s/RAUSI\\_News\\_2021\\_Vol\\_30\\_Iss\\_2-April-June.pdf](https://rausi.ca/images/edocman/newsletters/rausi/2020s/RAUSI_News_2021_Vol_30_Iss_2-April-June.pdf).

**New:** The Royal United Services Institute of Victoria (Australia) Occasional Volume 5, Issue 8, 10 May 2021.

Canadian Marine Industries and Shipbuilding Association "On Watch" 5 May edition

[https://send.successbyemail.com/prvw\\_message2.aspx?chno=15f6d018-8ce6-42a4-8d84-97969e47a361](https://send.successbyemail.com/prvw_message2.aspx?chno=15f6d018-8ce6-42a4-8d84-97969e47a361).

Veterans Ombud Newsletter Volume 5: January - April, 2021

US Northern Command's The Watch, Issue 3, Great Power Competition  
<https://thewatch-magazine.com/v3-eng/>.

The Newsletter of the Royal United Services Institute of Vancouver Island, Volume 54, 2nd Quarter 2021.

The Edmonton United Services Institute President's Enews May 2021.

The Military Institute of Windsor Communiqué Volume XXXIX Number 5, May 2021.

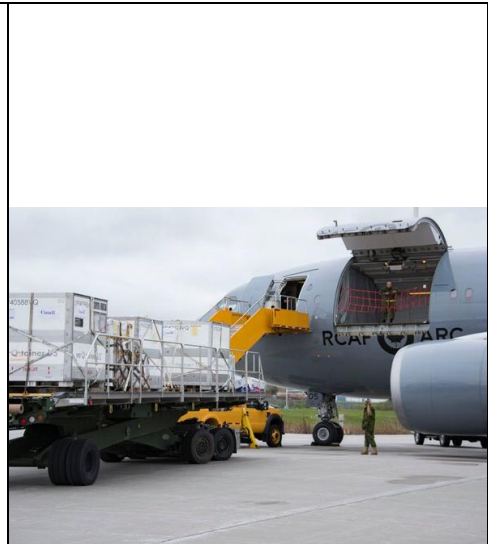
**Tweeted by @RUSI\_NS:** RUSI(NS) tweets may also be viewed by clicking on the icon at <https://RUSI-NS.ca>. To have something tweeted or retweeted, email [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

Development Canada @CanadaDev 5 May tweeted: Canada is sending relief support to #India, including medicine & ventilators. A shipment of supplies departed today aboard a @CanadianForces aircraft. Canada stands in solidarity with the people of India in the fight against #COVID19. News release Rightwards arrow <https://www.canada.ca/en/global-affairs/news/2021/05/canada-sending-medical-supplies-to-support-covid-19-response-in-india.html>

(Canada sending medical supplies to support COVID-19 response in India)

Canadian Armed Forces Operations @CFOperations 5 May retweeted: #OpGLOBE helps strengthen international partnerships with nations across the globe, and also demonstrates Canada's commitment to support humanitarian efforts anywhere in the world.

RUSI(NS) retweeted: Operation GLOBE #OpGLOBE: @CanadianForces assistance to other Gov't of CAN🇨🇦 depts with tasks or activities abroad. #CAF members work alongside OGD personnel as well as other nations <https://www.canada.ca/en/department-national-defence/services/operations/military-operations/current-operations/op-globe.html>

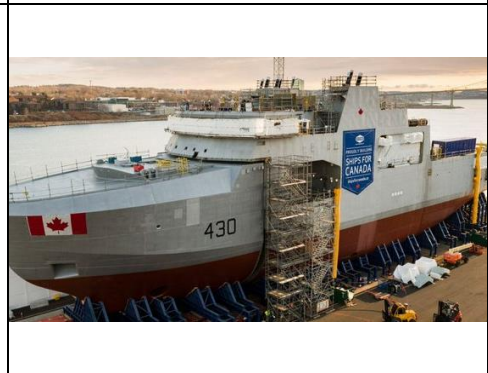


Canadian Global Affairs Institute @CAGlobalAffairs May 5 tweeted: Effective oversight of #CSC is critical for the success of the project – on which the defence of Canada depends. In this new piece, Ian Mack explores where @PBO\_DPB & @OAG\_BVG's oversight fall short, and how it can be improved.

<https://cgai.ca/oversight-of-canadas-national-shipbuilding-strategy>

(Oversight of Canada's National Shipbuilding Strategy)

RUSI(NS) retweeted: Good read for appreciating complexities in any major defence project. Recommendations (defence



procurement agency, project managers academy, transparency based on communications) worth serious consideration/action by Govt of CAN🇨🇦

Canadian Armed Forces @CanadianForces 7 May tweeted: This year's edition of #ExMAPLERESOLVE kicked off this week at CFB Wainwright and prepares our members to deploy and support Canadians in any capacity, including combat operations. Learn more: <http://army-armee.forces.gc.ca/en/exercises-operations/ex-maple-resolve.page?fbclid=IwAR3ha3bxrqrYKLvzPP0LjVKYOTIY6HKPTIfvRFmPhGD2qkxWqc8zq5nE7-Ac>  
RUSI(NS) retweeted: Exercise MAPLE RESOLVE #ExMAPLERESOLVE is @CanadianArmy largest & most complex annual training exercise. @CanadianForces national joint & combined exercises at: <https://www.canada.ca/en/department-national-defence/services/operations/exercises.html>



Canadian Army @CanadianArmy 9 May tweeted and RUSI(NS) retweeted: Ranger Patrols in the region went on active service on April 3 last year to help combat the COVID-19 crisis, an initiative dubbed Operation LASER, and as part of Operation VECTOR, under which they assisted with vaccine delivery. <https://army.gc.ca/en/news-publications/national-news-details-no-menu.page?doc=ontario-rangers-complete-historic-year-of-service/kmjt0a5b>  
(Ontario Rangers complete historic year of service)



"RCAF turns to foreign pilots to help with shortage as commercial aviators stay away" <https://www.thestar.com/politics/2021/05/09/rcaf-turns-to-foreign-pilots-to-help-with-shortage-as-commercial-aviators-stay-away.html> RUSI(NS) paper "Why Pilot Training Production for the RCAF is Failing and Why are Pilot Losses Mounting" <https://rusi-ns.ca/pilottraining/>



Canadian Armed Forces @CanadianForces 11 May tweeted and RUSI(NS) retweeted: The second flight is en route to deliver medical ventilators to #India as part of #OpGLOBE <https://canada.ca/en/department-national-defence/services/operations/military-operations/current-operations/op-globe.html> #StrongerTogether  
*The utility of strategic airlift!*



Canadian Army @CanadianArmy 12 May tweeted and RUSI(NS) retweeted: Joint Terminal Attack Controllers (JTAC) take 'indirect fire' to a whole other level. Predominately Artillery members, they provide close air support to soldiers on the ground and direct aircraft in conducting bombing or 'strafe' runs. 1/2  
 Recently, JTACs from across the country came together at CFB Cold Lake to practice providing close air support to soldiers on the ground and to work as one cohesive unit. Check out some of the photos from Ex MAPLE STRIKE. 2/2



Canadian Armed Forces Operations @CFOperations 13 May tweeted: Throwing "paper" airplanes but make it military. #CAF members with enhanced Forward Presence Battle Group – Latvia conduct training with the CU-179 Raven-B miniature unmanned aerial system at Camp, Adazi Latvia during #OpREASSURANCE. photo: MCpl Stuart MacNeil RUSI(NS) retweeted: CU-179 Raven-B Mini unmanned aerial system #UAS #drone is operated by @CanadianArmy close support artillery regiments for surveillance & target acquisition (STA)  
[https://en.wikipedia.org/wiki/AeroVironment\\_RQ-11\\_Raven](https://en.wikipedia.org/wiki/AeroVironment_RQ-11_Raven)



**Posted on Facebook Royal United Services Institute of Nova Scotia with comments:**

**Time for Cognitive Warfare Against China?**

<https://www.19fortyfive.com/2021/05/time-for-cognitive-warfare-against-china/>

"A ship on a routine errand accompanied by a simple photograph helps give the lie to China's narrative—and deface the image of itself Beijing has so artfully painted in recent years."



We all know the power of an image, whether staged or not. Imagery needs to be studied and practiced by the military at all ranks and occupations as part of training and education in order to appreciate the utility of it in peace, competition and conflict, whether for information operations or, really, for all operations. Not only for its utility in making a point (meme attack) but also to inure military personnel and civilians against its use against us.

Pixels on target!

(James Holmes is an author to whom it is well worth paying attention.)

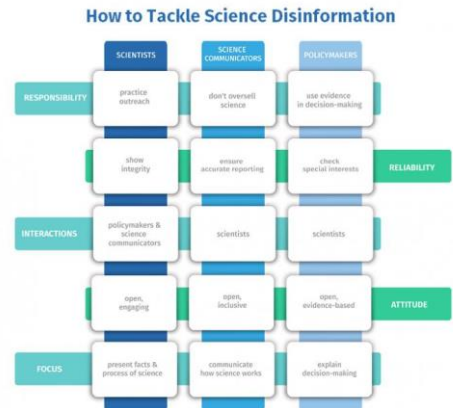
## European coordination needed to fight science disinformation, academics say

[https://www.eurekalert.org/pub\\_releases/2021-05/a-ecn050321.php](https://www.eurekalert.org/pub_releases/2021-05/a-ecn050321.php)

"Science disinformation." A perspective for consideration for practitioners of information operations, really, of everyone as we all depend on science information (thinking pandemic response).

Five recommendations:

1. a stronger focus on communicating how science works and more dialogue in science communication practices,
2. a serious engagement with the public when exercising or communicating research,
3. valuing the virtue of intellectual humility when communicating scientific evidence,
4. the maintenance of good research practices and high ethical standards to ensure integrity and trustworthiness,
5. accountable, honest, transparent, tailored and effective science advice mechanisms.



## Canada to build two polar icebreakers for High Arctic operations

<https://www.rcinet.ca/en/2021/05/06/canada-to-build-two-polar-icebreakers-for-high-arctic-operations/>



"... the federal government ... needed at least two heavy icebreakers to ensure year-around coast guard presence in the Canadian Arctic, ..."

Though there may have been political reasons (e.g., regional benefits), too (hopefully not dominant), and reasons in support of the National Shipbuilding Strategy (worthy) for deciding on building two heavy icebreakers, it is good to read a requirements-based rationale. The Navy uses a one-in-three rule of thumb: having three ships allows one to be deployed, one recovering from or preparing for deployment, and one in long maintenance/unavailability. (There have been comments that the complexity of modern warships necessitates a one-in-four rule.) Having two heavy icebreakers goes a long way to ensuring a higher probability of one available, and as Tim Choi noted, having enough availability that one can conduct winter scientific research.

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*From a RUSI(NS) member:* Three really is the best number of Polar icebreakers to have if one is in refit (not available) and one suffers an incident in the Arctic requiring a third to support or fill in. The Canadian Coast Guard (CCG) will have to rely on mutual cooperation with the US Coast Guard, which they have done in the past, once their Polar-class icebreakers come on stream. The CCG can operate with two Polars as they will not be involved in southern icebreaking operations (hence the six Program Icebreakers to be built at Chantier Davie). The CCG Polars will rotate schedules so that one is present in the Arctic year round with the second coming back from maintenance doubling available capacity at the start of the Arctic navigation season and until CCG Program Icebreakers arrive on scene for the remainder of the season.

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*From another RUSI(NS) member:*

Indeed, it will take at least two ships to maintain year-round service in the North.

Obviously lesser icebreakers such as the Medium and Heavy classes will be capable of providing mission support in all but the most severe conditions.

Of course, there is considerable risk involved in tasking a lone Polar icebreaker to beat itself into Arctic winter conditions while its mate is offline receiving maintenance and repair.

The issue of variations between two shipyards in systems selection and assembly is not insignificant.

Presumably each shipyard will be employing its own engineering firm, and each will resolve design/installation challenges in its own manner.

It would be a violation of CITT competition protocols to prevent either yard from selecting its own suppliers and systems integrators (effectively that would be "sole source" procurement).

One also wonders from where all the competent personnel will be sourced.

It is barely three years since multiple CCG ships were forced to withdraw from service due to shortages of qualified crews.

Adding all these additional new ships will only exacerbate such crewing pressures.

### **Oversight of Canada's National Shipbuilding Strategy**

[https://cgai.ca/oversight\\_of\\_canadas\\_national\\_shipbuilding\\_strategy](https://cgai.ca/oversight_of_canadas_national_shipbuilding_strategy)



"... two related government initiatives that are likely stalled as a result of the pandemic: the government-directed study of options and implementation of a defence procurement agency which could reduce the complexity and improve accountability within project governance, and the TB-led development of a project management scheme to up-skill project managers government-wide to better navigate complex major capital projects. Both of these initiatives could contribute significantly to NSS governance."

A benefit, maybe underappreciated and lacking publicity, of the National Shipbuilding Strategy will be the development and maintenance of a cadre of people in government and industry with the experience and expertise to carry out major government shipbuilding projects. Canada lost that cadre with the shipbuilding gap prior to the NSS. It cost this country, big time. We cannot and should not allow it again. There needs to be a NSS continuation, 2.0 or whatever name that carries the message.

"... the concepts of a defence procurement agency, an academy to train project managers (and key staff) to execute major capital projects across the government, and transparency based on communications with integrity are also important initiatives ..."

These concepts (objectives?) should and can be undertaken by government despite the ongoing focus on the pandemic and Ottawa-centric issues. There is the expertise within the departments now as a result of NSS projects to date. Capitalize on it.

### Feature – Et Tu Cod? Reliving Fishy Fantasies

<https://www.strifeblog.org/2020/12/15/feature-et-tu-cod-reliving-fishy-fantasies/>



With the potential for fishing disputes, inter-state (and state

initiated) or domestic, in the world today (think Chinese use of its fishing fleet for international relations purposes), there is utility in the study of such disputes by naval and other government department staffs.

Canada's Turbot War can have lessons. (And quotables, too. Then Commander Ian Parker is famous for his boarding brief to Fisheries Officers.)

### Day 1 of the End of the U.S. War in Afghanistan

<https://www.nytimes.com/2021/05/03/world/asia/afghanistan-us-military-withdrawal.html>



Conflict (war) termination is an underappreciated and under-studied topic.

There is a recognition of 're-deployment' (bringing people and stuff home from theatre) as part of the planning process but how much attention (doctrine, procedures, training and exercises) does it get?

### Canada celebrates refurbishment of 11 border towers for Jordanian Armed Forces

<https://en.royanews.tv/news/27694/2021-05-06>



International Organization for Migration Border Tower Refurbishment project fortified and rehabilitated eleven towers strategically located along the Jordanian border road with Syria.

"This initiative is just one of a broader Canadian Middle East engagement strategy to address the crises caused by Daesh in the region by supporting humanitarian, development, stabilization and security efforts."

There are articles of Canadian soldiers and sailors building/rebuilding schools, roads, hospitals, etc., all of which have apparent benign purposes. Not often does one read about Canadian government funding for such overt foreign security infrastructure.



**The Cold War is back, though not as you think:  
Appropriating Cold War times for our time**

<https://www.strifeblog.org/2021/05/03/the-cold-war-is-back-though-not-as-you-think-appropriating-cold-war-times-for-our-time/>

"As the Cold War is increasingly appropriated within simplistic political narratives (including by academics and media), there is greater urgency for historians to continue to interrogate this period to ensure the shape of our understanding of it stays balanced."

Read! Study! Think! Discuss! The ongoing information war takes many forms. We have to be ready to withstand it.



**US Navy Commissions USS Miguel Keith (ESB 5)**

<https://navalpost.com/expeditionary-sea-base-esb-5-uss-miguel-keith-commissions/>

"The Secretary of the Navy approved the commissioning of all ESBs following a determination that the ships could not do their full mission set as USNS-designated ships."



It would be interesting to know what were the factors, legal and otherwise, that led the Secretary of the US Navy to the determination to commission the Expeditionary Sea Base ships. Such determinations have not been a matter for the Royal Canadian Navy (RCN) for many years. Today's Canadian Forces Auxiliary Service vessels (tugs, harbour craft, etc.) are crewed by Department of National Defence (DND) civilians and carry out appropriate functions accordingly. The vessels now being built by the Naval Large Tug project will be DND civilian crewed and will not be commissioned into service. In the Second World War, some Canadian tugs were commissioned into service; they seem to have been vessels employed offshore for rescue and other duties in submarine danger areas - the official reasons are deep in official historical records. HMS *Magpie* is a very small survey vessel, but apparently was commissioned into the Royal Navy because of what she does and the need for a naval officer to command her.

Aside: The US Navy commissions ships. For RCN ships, often the same expression is use, but really it is that a naval officer is commissioned (ordered) to take the ship into active naval service.

Another aside: Normally the USN convention is to write a hyphen between a ship type designation and hull number, e.g., USS *Ticonderoga* CG-47 (<https://www.history.navy.mil/research/histories/ship-histories/danfs/t/ticonderoga-v.html>). It is evident from the article and from the ceremony banner depicted in it that a hyphen was not in use this time.

### **Manhunting the Manhunters: Digital Signature Management in the Age of Great Power Competition**

<https://mwi.usma.edu/manhunting-the-manhunters-digital-signature-management-in-the-age-of-great-power-competition/>



Digital signature management, to ensure the security of "the constant stream of data emitted from our force's personal cellphones, laptops, and social media accounts ... that draws a distinct outline around troop movement and physical location and creates a trackable, traceable, and near-real-time record of activity." 'Poor digital hygiene' can make our forces, and those of our adversaries, vulnerable. It is another field of endeavour for defence and for exploitation.

We are, and are where are, our digital signatures.

### **The Eagle and the Dragon in Africa: Comparing Data on Chinese and American Influence**

<https://warontherocks.com/2021/05/the-eagle-and-the-dragon-in-africa-comparing-data-on-chinese-and-american-influence/>



Using the DIME model (diplomatic, informational, military and economic) to measure influence, the actual exercise and potential. Hmm, could be a useful construct for military staffs when assessing balances, beyond just counting aircraft, ships, etc. And with a broader approach to great power competition; an "approach to the countries of Africa (any region) that builds on areas of strength — development assistance, especially in the health area; support for investment; security assistance in combating extremism; and expanded people-to-people initiatives — would bear more fruit than a policy derived principally from the imperatives of great-power competition."

### **Canadian researchers tout nuclear-renewable hybrid solution for shipping**

<https://splash247.com/canadian-researchers-tout-nuclear-renewable-hybrid-solution-for-shipping/>



Hmm, in the future there could be an increased employment of the Canadian Armed Forces Nuclear Vessel Visit Safety Program.

### **Swarms of sea drones are coming from Russia**

<http://www.navyrecognition.com/index.php/focus-analysis/10130-swarms-of-sea-drones-are-coming-from-russia.html>



"It has been experimentally confirmed that signals and

commands are better transmitted a major depths of 8000 and even 11000 meters than at a thousand meters. It provides an advantage to the craft, which can approach the target at a depth of several thousand meters. So far, there is no weapon capable of destroying targets at such depths ..."

Deep depth drone swarms. Underwater warfare is getting even more challenging.

### **China Extends its Domestic Navigation Laws Beyond Coastal Waters**

<https://www.maritime-executive.com/article/china-extends-its-domestic-navigation-laws-beyond-its-coastal-waters>



"The change appears to remove a legal restriction on Chinese maritime law enforcement in areas far from China's own shores."

"The revisions to the Maritime Safety Law follow just months after the passage of China's controversial Coast Guard Law, which allows the China Coast Guard to 'take all necessary measures, including the use of weapons, when national sovereignty, sovereign rights, and jurisdiction are being illegally infringed upon by foreign organizations or individuals at sea.'"

These changes up the power and utility of the China Coast Guard, with its many ships, in disputes in maritime areas off China. The freedom of the seas is under attack. 'Lawfare' at this time, but could easily progress to 'kinetic.'

### **Highway H20 remains an indispensable pathway for global shipping**

<https://nationalpost.com/sponsored/business-sponsored/highway-h20-remains-an-indispensable-pathway-for-global-shipping>



Canadians tend to think that our trade with the US, which is the majority of our trade, travels by land transport across land borders. But there is a significant amount that goes by water, either coastal or inland. It would be interesting to be able to read some general public retorting on that.

A major, some would argue the major, role of navies and coast guards is to protect trade. The Canadian public, to appreciate what its Royal Canadian Navy and Canadian Coast Guard are for, and why taxpayers are paying so much for them, needs to have an appreciation of the extent to which national prosperity is dependent on maritime-borne trade.

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

### **Sale of Aegis Combat System to Canada approved**

<https://defence-blog.com/news/sale-of-aegis-combat-system-to-canada-approved.html>



### **Other Sources:**

#### **#Arctic**

With or Without You: Arctic Security Dialogue is Meaningful Even Without Russia, but Here's How to Involve Moscow in the Future—and Why We Should

<https://mwi.usma.edu/with-or-without-you-arctic-security-dialogue-is-meaningful-even-without-russia-but-heres-how-to-involve-moscow-in-the-future-and-why-we-should/>

Panel Warns of Economic and Military Impacts from Russia's Plans for Arctic

<https://news.usni.org/2021/05/11/panel-warns-of-economic-and-military-impacts-from-russias-plans-for-arctic>

#### **#Canadian Surface Combatant**

CSC: Ottawa Opting for a Batch Procurement Approach?

<https://www.navalreview.ca/2021/05/csc-ottawa-opting-for-a-batch-procurement-approach/>

#### **#China**

Protecting China's Interests Overseas: Securitization and Foreign Policy

<https://wavellroom.com/2021/05/06/protecting-chinas-interests/>

#### **#conflict termination**

<https://foreignpolicy.com/2021/05/08/how-wars-end-peacemaking-negotiations-diplomacy-reconciliation-united-nations-security-council-sierra-leone-syria-tajikistan-tony-blair/>

*To quote my commander in 1990 during a NAT wargame: "We know how to fight a war. We know how to win a war. But we don't know how to end a war."*

*A copy of this article is available from RUSI(NS) for those unable to access it past the paywall.*

#### **#cyber operations**

Cyberspace Is Neither Just an Intelligence Contest, nor a Domain of Military Conflict; SolarWinds Shows Us Why It's Both

<https://www.lawfareblog.com/cyberspace-neither-just-intelligence-contest-nor-domain-military-conflict-solarwinds-shows-us-why>

#### **#energy security**

Energy Security

<http://shipfax.blogspot.com/2021/05/energy-security.html>

## **#grand strategy #jointness #China**

The Army in the Indo-Pacific, Relevant but Not a Tripwire

<https://www.armyupress.army.mil/Journals/Military-Review/English-Edition-Archives/May-June-2021/Bolton-Army-Indo-Pacific/linkId/118533945/>

## **#intelligence**

Finnish Military Intelligence Review 2021

In English: <https://news.usni.org/2021/05/06/finnish-military-intelligence-review-2021>

## **#futurecasting**

How the U.S. Government Can Learn to See the Future

<https://www.lawfareblog.com/how-us-government-can-learn-see-future>

## **#law**

Protecting Innocents in Combat: New Proposed Legislation to Deter the Use of Human Shields

<https://www.macdonaldlaurier.ca/protecting-innocents-combat-new-proposed-legislation-deter-use-human-shields/>

## **#leadership**

A Surprising Lesson from the Stoics

<https://www.defenseone.com/ideas/2021/05/surprising-lesson-stoics/173104/>

## **#naval strategy**

Does the U.S. Navy Have a Strategy Problem?

<https://nationalinterest.org/blog/buzz/does-us-navy-have-strategy-problem-184237>

James Holmes is always worth reading.

## **#naval warfare**

Spread Out and Networked: How the Navy Plans to Fight and Win Future Wars

<https://nationalinterest.org/blog/reboot/spread-out-and-networked-how-navy-plans-fight-and-win-future-wars-183803>

## **#professional military education**

Changing Course? Reconsidering the Education for Seapower Strategy

<https://wavellroom.com/2021/05/04/reconsidering-the-education-for-seapower-strategy/>

## **#reading #airpower**

Recent Articles and Books (April 2021)

<https://balloonstodrones.com/2021/05/12/researchresources-recent-articles-and-books-april-2021/>

## **#resilience**

JC Lord Memorial Lecture: Mental Wellbeing – Everyone’s Challenge

<https://rusi.org/event/jc-lord-memorial-lecture-mental-wellbeing-%E2%80%93-everyone%E2%80%99s-challenge>

## **#seapower**

Ruling the Waves: What role will the Royal Navy play in Britain’s future?

<https://www.strifeblog.org/2021/05/04/ruling-the-waves-what-role-will-the-royal-navy-play-in-britains-future/>

## #security

Human Security: People, Wants, and Fears

<https://wavellroom.com/2021/05/05/operationalising-human-security/>

## #war

Planning to Not Lose: The Australian Army's New Philosophy of War

<https://researchcentre.army.gov.au/library/occasional-papers/planning-not-lose-australian-armys-new-philosophy-war>

## #wargaming

Adjudication: the diabolus in machina of wargaming

<https://paxsims.files.wordpress.com/2011/08/adjudication-the-diabolus-in-machina-of-wargaming.pdf>

Why Wargaming Works

<https://digital-commons.usnwc.edu/cgi/viewcontent.cgi?article=1578&context=nwc-review>

## Other:

### Maritime Infrastructure and Trade Week Concludes on CIMSEC

<https://cimsec.org/maritime-infrastructure-and-trade-week-concludes-on-cimsec/>

Knowledge of trade/shipping, ships and ports is important for those (e.g., in the Navy) who wish to study maritime strategy.

articles:

Soft Cyber Law Makes Port Facilities Soft Cyber Targets

How the Decarbonization Dilemma Will Impact Shipbuilding and Great Power Competition

PRC Investments in Global Maritime Infrastructure: Implications for Port Access

All of One Company: The Need to Forge a Stronger Bond Between Navies and Commercial Shipping

The Ship that Launched 1,000 Memes and Nearly Destroyed 12 percent of World Trade

### Australian Army Research Centre Force Design (Spotlight Brief 2/21)

<https://researchcentre.army.gov.au/library/land-power-forum/force-design-spotlight-brief-2/21>

contents:

Cyber Capabilities and Multi-Domain Operations in Future High-Intensity Warfare in 2030

Cyber Maneuver and Schemes of Maneuver

Multiple Dilemmas: Challenges and Options for All-Domain Command and Control

Eyes on target: 'Stay-behind' forces during the Cold War

## Security Affairs Committee Synopsis

### General

Where to start? Russia, China, Colonial Pipelines hack in the US, Line 5, Canadian military intelligence collecting on Black Lives Matter, Israel, Iraq and the training of war criminals, Australia and New Zealand, the Olympics and Japan, the Central African Republic, Sudan, Syria; there are so many to watch. We live in dangerous times with the rise of authoritarian regimes and organizations, to various types of home-grown insurgents based on false facts all coupled with the global pandemic.

There is little to be optimistic about as delays and problems with distribution of vaccines especially to

poorer countries. The process is slow, allowing various new variants to occur and vast numbers of people to be infected.

## **Canada**

Most Canadians are oblivious to the world situation, with political parties of all stripes focusing on local issues as existential problems continue to rise. One would almost hope for a McKenzie-King government which recognized the world was failing and that re-armament was necessary. Even with Russia's increased malevolent threats and greatly increased military presence in the North, Canada has let the side down by not doing an emergency re-build of the North Warning system that protects North America. The rise of China and intimidation of Canadians of Chinese descent within Canada seems to make no real difference in the upscaling of our security forces to meet this new threat. Canada as a whole seems to be sleep-walking in this regard as well.

The pandemic continues to be a major focus that we seem to be failing at quite badly with distribution being painfully slow because of slow arrival of vaccines caused by the lack of domestic production. Canada has now decided to build a new plant capable of producing vaccines that will be in Quebec but at the same time allowing a company based in the West to flounder around without funds and will depart for a more supportive country. One has to wonder whether party politics were involved.

Canadian military intelligence came to the fore this week for the wrong reasons. They were caught conducting information gathering operations on Canadian citizens in Canada regarding the Black Lives Matter organization who were conducting peaceful protests. There were other organizations in support including those with outside roots. The reason given was that Canadian service members were involved in support to long term care homes and general assistance to provinces including here in Nova Scotia to catch up with COVID testing backlogs. It seems that this is a misplaced use of military intelligence assets and that the RCMP and CSIS are the proper organizations within Canadian borders. Special allowances can be made but on an extremely narrow focus for a specific period for a specific reason. Canada's Armed Forces represent the country outside - it has seldom been used internally and usually with long term issues as a result. Use of the CAF in this way will erode trust by Canadian citizens. It is recommended that this be a onetime only event. Leave domestic crime to those who are better trained and adapted. This is disturbing to say the least.

## **China**

There was a cutesy article on CNN's New Day show Tuesday that discussed an 'animal on the lam' in Hangzhou, China. In this report, three leopards escaped into the general population of the city. The zoo management decided not to tell the public, allegedly to prevent panic. China is a surveillance state with a robust but highly controlled social media and pictures of the leopards on the loose soon pervaded the internet. Two were caught but it took helicopters, drones and over 4000 persons to locate the missing animal. So why bring this up? It is a trait of China's rise that they are able to do things in a fantastic way. New bridges built in record time over great gaps, for example. Large cities created throughout the country, the building a large capable blue water navy and so on but...how well are they planned, selected, built and maintained? Last Sunday morning, we saw the uncontrolled re-entry of a Long March 5B rocket into the Earth's atmosphere which landed just south of the Maldives in the Indian Ocean. Last year another Long March Rocket also re-entered the Earth's atmosphere and pieces hit an African village. There is no question that China's efforts are impressive in many ways, but they often trade off other things for the appearance of progress.

On 12 May 2021, former Prime Minister Helen Clark as a member of the Independent Panel for Pandemic Preparedness and Response discussed the findings of the panel's report on CBC's Power and

Politics. The purpose of this panel was not to assess blame and she was at great pains to state this throughout. The purpose of the panel was to look at all the circumstances and responses to see what could have been done better in order to better prepare for the next pandemic. One finding was the Communist Chinese Party's (CCP) effort to save face by not providing suitable warnings early enough. One can remember when there were calls for stopping flights from China, countries that made such suggestions were called 'racist' despite CCP officials knowing there was human-to-human transmission of the virus and that they themselves used such methods to slow the spread of the virus. The whole report may be viewed at this link: <https://theindependentpanel.org/mainreport/>

China has continued to infringe on its neighbours, this time Bhutan and Nepal, where China is now taking a major portion of Mount Everest as well as setting up villages in what was formerly the territory of its two tiny neighbours. One suspects that this may have to do with a very large water diversion project being proposed to take water from Tibet and other countries and divert it to northern China. The CCP reasons that there is no population to speak of in Tibet and over 50% of China's population need the water in north eastern areas. Water diversion will affect India as well as the smaller states. One can now understand more fully China's concept of sovereignty, which is a truly sovereign country can do as it wishes and it is expected that lesser states will acquiesce.

The main point is that the CCP uses the excuse of stability, which is actually translated into the survival of the CCP as an entity, to excuse terrible behavior. The CCP is incapable of telling the truth, or rather it tends to omit, confuse, deflect but seldom if ever tells the truth and its action or lack thereof takes lives. The CCP has a long list of crimes against humanity, including genocide and mass killings, mainly against their own people to the tune of tens of millions of dead through their actions or inaction such as during the "Cultural Revolution."

## **Russia**

The Putin regime is continuing its repression of Alexei Navalny's anti-corruption organization. Most of the leadership has fled the country or have been arrested in the past few weeks. This is expected to continue for the foreseeable future. Navalny supporters have suggested to the EU, the US and others that sanctions should be imposed on key oligarchs supporting Putin's regime in order to hurt the regime at its core. So far the people selected have been marginal from Navalny supporters' point of view.

The diplomatic tit-for-tat continues between Russia and many other states. The last act was Russia's new legislation which prevent unfriendly powers from hiring local staff. As a result, the US Embassy has had to release 75% of their staff. This week Russia continued to expel US diplomats such that the US is only allowing emergency services for US citizens. Virtually all other activities have ceased.

The Russian population still do not trust the Russian Sputnik vaccine, slowing their vaccination rate quite considerably. Russian pandemic numbers are notoriously under-reported and although official figures are available, there are indications that most Russians do not believe them.

The cyber-attack against Colonial Pipelines this week originated in Russia. Most of the damage was isolated (that may not be the right term) and the pipeline is now back in operation as this is being written. Most of the damage done was done to the American public which essentially panicked and went into buying excess gasoline and not because the system was actually empty. Panic buying quickly caused local stations to run out of gas and they were unable to re-stock. It is an interesting event and shows a disturbing lack of common good in favour of a selfish actions. It is worth wondering if Canada would be the same under similar circumstances.



The Russians have pulled back their forces from near the Ukraine prior to a major NATO exercise to occur in Romania which includes a reinforcement exercise from the US directly into Romania. It was an impressive display of Russian logistics moving a brigade combat team by air in a very short period of time.

Mind you, NATO including Canada, used to do this type of exercise several times a year. Canada contributed a mechanized battle group to the Allied Mobile Force Land in the late 1970s and early 80s. I was fortunate to be a part of that organization for five years. Canada also exercised the Canadian Air Sea Transportable Brigade Group (CAST) for use in Northern Norway with nearly 7000 troops including an aviation wing with Chinook, Iroquois and Kiowa helicopters and an air wing with two squadrons of CF-5A/B fighters. It was impressive to see, and I was present for that as well. How far we have fallen, both professionally and in capability.

It was Victory Parade time on 9 May 2021. If one watched the parade, it was impressive with lots of troops, lots of vehicles and eighty aircraft. And of course President Putin's speech, all were truly impressive. If one went to social media, specifically articles and videos of the younger members of society, one comes away with another version of the event. Many of the youth were coerced to attend which resulted in loss of jobs, loss of an opportunity to take qualification exams, etc. The other was the very concept of the Victory Parade by the forces of a country that no longer exists, whose leadership was murderous and authoritarian. It was a different point of view entirely and not one that was of pride. As the Putin regime's main supporters age, the increasing number folks who are unlikely to continue supporting his or any other similar regime is growing.

#### **Other**

Israel and the Palestinians are at it again. The situation is still evolving but it is likely to get much worse in the near term. Israel is no doubt aware that Iranian and other forces in Lebanon and Syria are likely to take advantage of the situation. Between Hamas and Hezbollah, virtually all of Israel could be hit with streams of rockets. If this coordinated approach is attempted, there could be massive retaliation from Israel as it may view such an attack to be existential. It is something to think about carefully.

The UK Carrier Strike Group has left the UK for a forty country tour including an exercise in the South China Sea. I wonder if China will try to put a destroyer near the *Queen Elizabeth* as the US did to the *Liaoning* a week or so ago.

New Zealand has been a bit more in line with the five eyes community with the Prime Minister essentially stating that Chinese actions are increasingly difficult to reconcile with a rules-based world order. Better than nothing one might suppose but hardly a clarion call against China's actions in the world.

There is so much more and many areas where the general public in the West are simply not aware of today. Our media is not doing its job more into infotainment than actual news.

#### **TAKE 20 (Transnational Crime): Orbit-2-Ocean Technology Advancing Maritime Domain Awareness**

<https://www.youtube.com/watch?v=4we-ntMHaro>

"On May 4, 2021, DKI APCSS' LCDR Keith Wilkins chatted with Greg Poling and Ted Schmitt, for a webinar on "Orbit-2-Ocean: Technology Advancing Maritime Domain Awareness." Poling and

Schmitt discuss the future of maritime domain awareness (MDA) using enhanced tools (satellite data, high-resolution imagery, and big data processing) which will enable countries and regional partners opportunities to increase their response capabilities to a variety of maritime challenges. They also discuss how geopolitical tensions, disputed territorial boundaries, and a lack of transparency in the maritime domain create challenges in the Indo-Pacific.

For more information on the USCG IUU Fishing Strategic Outlook: <https://www.uscg.mil/iuufishing/> (United States Coast Guard Illegal, Unreported, And Unregulated Fishing Strategic Outlook)



## **Statement on Sexual Misconduct and Culture Change in the Canadian Armed Forces**

### **Conference of Defence Associations & The CDA Institute**

May 10, 2021

A Strong and effective Canadian Armed Forces are essential to the defence and security of Canadians. The ongoing crisis with sexual misconduct and harmful behaviours within the ranks and failures in leadership at all levels have undermined confidence in the institution. Trust has been lost with many serving and retired members, and Canadians are asking legitimate questions about organizational culture that is too often not meeting the espoused CAF values of "Duty with Honour".

Fixing these systemic problems must be done first and foremost because taking care of those who serve in our armed forces is the right thing to do. It is also an operational imperative, because in the military, mission success can only be guaranteed by cohesion in the ranks and trust in leadership, both of which have been seriously shaken. Our armed forces won't be fully effective unless all Canadians wishing to serve feel welcomed and safe within the institution, regardless of gender.

We welcome the appointment of former Supreme Court Justice Louise Arbour to conduct an independent review and believe unequivocally that she must be given all the necessary resources to deliver on her mandate. This includes envisioning a system that rebuilds trust in the reporting and investigation of sexual misconduct as well as dealing with the consequential discipline and corrective measures for harmful behaviours.

Many former senior members of the CAF and DND serving with CDA and the CDA Institute recognize that we did not do enough to address this scourge that is eating away at a storied and essential national institution. To those who raised the alarm and raised their voices, we want to say that we have heard you, and we believe you. We also realize, as former senior leaders, that we collectively failed those that have been harmed during their military service. We missed opportunities to take sufficient action that may have prevented the current crisis facing the Defence Team.

We also recognize that, while the existing Sexual Misconduct Response Centre (SMRC) is administratively and technically independent of the military chain of command, many do not see it as sufficiently independent and it is not trusted.

We encourage the Minister of National Defence to take interim policy and legislative changes towards making the SMRC fully independent along the lines of the Office of the Ombudsman while Justice Arbour makes recommendations within the scope of her mandate over the coming year. The creation of another independent review must not slow down or postpone this essential first step, but rather serve as a means to dive deeper into the issues and to consider adding new tools and administrative mechanisms moving forward. All Canadians

expect that the government will be transparent in the rapid and full implementation of Madam Arbour's recommendations.

Many former CAF senior leaders believed for operational reasons that the investigation and prosecution of sexual misconduct cases should rest within the system of military justice. It is increasingly clear that the status quo is not acceptable and we believe that the only way forward is to ensure that all allegations of sexual crimes involving CAF members should be handled or have oversight by civilian authorities. We look forward to recommendations from Justice Arbour, as well hearing from Justice Fish in his ongoing 10-year review of Canada's System of Military Justice. It is critical that the Canadian Armed Forces have a renewed military justice system to ensure discipline on operations at home and abroad. This would help the chain of command, the Judge Advocate General and the Military Police to better serve and ensure fairness and justice for all members of the Armed Forces.

While there are many important international security challenges facing Canada and our Allies and it is critical to continue the work of implementing the capability needs for our armed forces as outlined in Strong Secure and Engaged, the Conference of Defence Associations and the CDA Institute believe that culture change is foundational and must continue to be addressed as a priority effort for CAF/DND.

We applaud the creation of the Canadian Forces Chief of Professional Conduct and Culture. The mandate of this office will only be achieved if every member of the armed forces along with the community of institutional supporters and stakeholders take an interest and get involved in this critical transformation of Canada's Profession of Arms.

Leading the Defence Portfolio, the Department of National Defence as well as the Canadian Armed Forces is a tremendous challenge. In our view, it will be critical to have courageous and some fresh innovative thinking from the political, military and public service leadership to guide these efforts

We encourage the Government, the Department and the CAF to be unrelenting in tackling all these problems and pledge our organizations' support in confronting the crisis and shaping lasting, positive changes in the CAF."

### **The Defense Futures Simulator**

[https://hello.aei.org/index.php/email/emailWebview?md\\_id=67217](https://hello.aei.org/index.php/email/emailWebview?md_id=67217)

"The American Enterprise Institute, the Center for Strategic and International Studies, and War on the Rocks collaborated to address a shared concern: a lack of understanding about how defense strategy and security objectives are translated into concrete budget choices. To meet this challenge, the three organizations built the Defense Futures Simulator.

The Defense Futures Simulator allows users to see how various defense strategies and choices would alter the Defense Department budget."

Would be cool to try out a Canadian version of this.

*"Would you like to play a game?"*

- - -

*From a RUSI(NS) colleague:* There is a similar idea by the Congressional Budget Office (Canada's Parliamentary Budget Officer looked at it) that is based on existing force structures. Unknown whether they are using the same dataset. The CBO model is at: "CBO's Interactive Force Structure Tool"

<https://www.cbo.gov/publication/54351>.



**MILITARY INSTITUTE OF WINDSOR**



**MAY SPEAKER'S PRESENTATION  
ON ZOOM**

***Guest Speaker***

***Dr. Derek Congram***



***Topic***

**Forensic Anthropology and a  
Commitment to the Conflict Dead**

**Wednesday 19 May 2021**

**\* 1900 Hrs**

*(\*Note: The change to an evening presentation was needed due to the time change caused by our speaker being in Beijing.)*

**To give us an idea of how many participants to expect, please RSVP to  
LCol Morris Brause, at: [morbrause@gmail.com](mailto:morbrause@gmail.com).**

**Specific details needed to log onto the ZOOM site, will be sent to you,  
as it becomes available.**

## Speaker

**Dr. Tim Cook, Military Historian and Author**

# ***The Fight for History***

***Despite 1.1 million Canadians who served in uniform during the Second World War, and millions more who supported the total war effort from the home front, Canada rapidly left the war behind – until quite recently. Why?***



### Dr. Tim Cook

- Author of *The Fight for History, 75 Years of Forgetting, Remembering, and Remaking Canada's Second World War* (2020).
- Director of Research, Canadian War Museum.
- Author of 13 books – C.P. Stacey Prize winner for Military History (twice), Ottawa Book Award (three times), RBC Taylor Prize for Literary Non-Fiction and the J.W. Dafoe Book Prize (twice).
- Queen's Diamond Jubilee Medal for his contribution to Canadian history.
- Governor General's History Award (2013).
- Member of the Royal Society of Canada.
- Member of the Order of Canada.

### Sunday, June 6 - 7pm Atlantic

- A ZOOM presentation sponsored by The Halifax Military Heritage Preservation Society



Attendees must register beforehand by emailing:  
[leo.deveau@eastlink.ca](mailto:leo.deveau@eastlink.ca)