



# Royal United Services Institute of Nova Scotia

## Dispatches

### 13 November 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](mailto: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:

1. a weekly Dimensions Newsletter, ( formally called *Defence & Security Newsletter*) aimed at opinion leaders and industry. If you are interested in receiving this newsletter, email [admin@duncom.ca](mailto:admin@duncom.ca); and
2. a weekly *China Open Source Newsletter* of articles curated from Chinese military-related websites based inside mainland China. If you are interested in receiving this newsletter, email [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

#### 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](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.

**18 November**, Wednesday – RUSI(NS) and NORAD & USNORTHCOM Distinguished Speakers to speak on "Arctic Continental Defense: Canada and U.S. Perspectives." LCol Steve Burke Director of Operations, Joint Task Force North, will present "Op Nanook: Meeting northern challenges with regional collaboration." Mr Todd 'Charley' Davis, Chief, NORAD Campaign & Arctic Branch, J5 Strategy, Policy & Plans, NORAD and USNORTHCOM, will present "NORAD and USNORTHCOM perspectives on Arctic Defense and Security." 1300-1500, via Zoom. To register, email [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com) by end Sun, 15 Nov. Zoom instructions will be emailed by end Mon, 16 Nov.

**New: 19 November**, Thursday - Company of Master Mariners of Canada Vancouver Division presentation by Captain Ken Burton, RCMP (ret'd), titled "*St. Roch II* Voyage of Re-Discovery," the retracing by RCMP Patrol Vessel *Nadon* of the RCMP Schooner *St. Roch's* Arctic transit and subsequent

circumnavigation of North America. 1900 Vancouver time. Via Zoom. To register, email [cmmcvan@gmail.com](mailto:cmmcvan@gmail.com).

**9 December**, Wednesday - RUSI(NS) Distinguished Speaker Derek Moss, Canadian Coast Guard, to present “Canadian Coast Guard Fleet Renewal.” 1300-1500, via Zoom. To register, email [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com) by end Sun, 6 Dec. Zoom instructions will be emailed by end Mon, 7 Nov.

**Recent Publications:**

RUSI(NS) Presentations “Marine Industry Supply Chains of Canadian Shipyards in the Era of the National Shipbuilding Strategy” by Philippe Flébus, Lindsey Kettel and Steve Christiansen, 14 October 2020



<https://rusi-ns.ca/marine-supply-chain/>

The Military Institute of Windsor Communiqué, Volume XXXVIII Number 10 November 2020 is available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

The United Services Institute of Nanaimo and North Island (USINNI) Newsletter Vol 28 No 11 November 2020 is available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

**New:** University Training Divisions Association Gunroom Shots Volume 1, Issue 1, November 2020, is available on request to [RUSIINovaScotia@gmail.com](mailto:RUSIINovaScotia@gmail.com).

**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](mailto:RUSINovaScotia@gmail.com). Original article title in parentheses.

<p>David Pugliese @davidpugliese 6 Nov tweeted: My latest article....Canada spending \$650 million on U.S. missiles for new warships <a href="https://ottawacitizen.com/news/national/defence-watch/canada-spending-650-million-on-u-s-missiles-for-new-warships">https://ottawacitizen.com/news/national/defence-watch/canada-spending-650-million-on-u-s-missiles-for-new-warships</a></p> <p>RUSI(NS) retweeted: Procurement of such missiles ensures #RCNavy CAN🇨🇦 Surface Combatant #CSC frigates will be capable globally-deployable warships, operating alongside allies in conflict areas with high air/surface threats, keeping safe our/allied ships &amp; sailors</p>	
<p>#RCNavy #Arctic&amp;Offshore Patrol Vessel #AOPV #HMCSHarryDeWolf launches aerial #drone. Capability to operate air/surface/subsurface drones from patrol ships considerably adds to their operational utility. There's a lot more to navy missions than just carrying around a big gun</p>	



Anita Huberman @anitahuberman Nov 6 tweeted: NAVY NEWS: Congratulations to our newest Honorary Captain of the Royal Canadian Navy: Debbie Eisan. She will be affiliated with HMCS MARGARET BROOKE, the soon to be second Arctic and Offshore Patrol Ship. @Comd\_RCN @RoyalCanNavy @HarjitSajjan  
RUSI(NS) retweeted: HCapt(N) Debbie Eisan spoke with heart to RUSI(NS) 21Nov18 during presentation by @NationalDefence John MacFarlane "Growing Together – The Cultural Contribution of Indigenous People in the Canadian Military Since the First World War" <https://rusi-ns.ca/indigenous-in-the-canadian-military/>  
#IndigenousVeteransDay



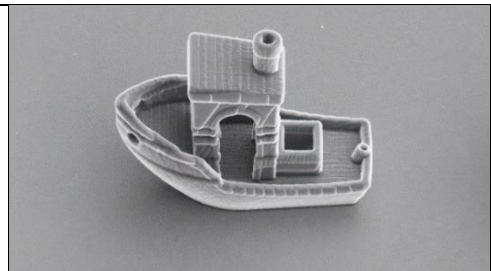
Innovation & inventiveness by @CanadianForces personnel: 'spoke kits' & medium-range radars in #Arctic exercise <https://www.skiesmag.com/features/exercise-arctic-edge-rcaf/>  
Utility of small teams of our people working with allies to develop solutions & stronger teamwork  
(Making magic in the Arctic: Exercise Arctic Edge)



**Posted on Facebook Royal United Services Institute NS with comments:**

Dutch Research Team Builds World's Smallest Vessel

<https://maritime-executive.com/article/dutch-research-team-builds-world-s-smallest-vessel>



Oh, you can have so much fun with this:

Well, I guess there will be no problem now with the US Navy getting to 500 warships.

Membership in shipbuilding associations explodes as everyone with a 3D printer in their garage joins up.

Fastest fleet review on record - admiral barely got the time to salute before all the ships had passed.

Hmm, size standards for recruiting are going to have to be looked at.

Port authorities are going to be out of business if so many ships berth alongside a 2x4 floating in the harbour. Or maybe the authorities will make a mint if they charge all ships the same fee regardless of ship displacement.

Books about ships are going to have to be read with a magnifying glass.

### Pentagon 'Ghost Fleet' Ship Makes Record-Breaking Trip from Mobile to California

<https://news.usni.org/2020/11/10/pentagon-ghost-fleet-ship-makes-record-breaking-trip-from-mobile-to-california>



"... fleet-manned unmanned operations center ashore, UOC ashore." Hmm, where would a UOC be established (am presuming there'd be one to control multiple drones)? Near a MOC (maritime operations centre) might result in synergy between the operational-level MOC and tactical-level UOC. As long as attention of staffs in the two centres are not diverted from their respective levels.

### Why US Wants to Send Coast Guard to the Seas Near China







<https://www.voanews.com/usa/why-us-wants-send-coast-guard-seas-near-china>



"Increased U.S. Coast Guard activity will show China that the United States resolves to check Chinese activity in general without risking conflict the way that American naval ships would..."

The US Coast Guard and Canadian Coast Guard differ. The former "is considered a military service, because, during times of war or conflict, the President of the United States can transfer any or all assets of the Coast Guard to the Department of the Navy" (<https://www.military.com/join-armed-forces/coast-guard-mission-values.htm>). Could the CCG undertake an overseas mission in support of Canadian government objectives? Should it? A deployable CCG could be useful for Canada, considering how illegal, unreported and unregulated (IUU) fishing is becoming more an area of tension between states. There are shades of sovereignty in IUU. A CCG capable of being deployed out-of-region could offer the Canadian government more options, especially when use of a naval warship could be seen as escalatory.

**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.

 <p>This Week</p> <p><a href="https://mailchi.mp/rusi.org/weekly23october2020-170286?e=a539211a30">https://mailchi.mp/rusi.org/weekly23october2020-170286?e=a539211a30</a></p>	
<p>Canada spending \$650 million on U.S. missiles for new warships</p> <p><a href="https://ottawacitizen.com/news/national/defence-watch/canada-spending-650-million-on-u-s-missiles-for-new-warships">https://ottawacitizen.com/news/national/defence-watch/canada-spending-650-million-on-u-s-missiles-for-new-warships</a></p>	
<p>US Navy Orders First New Missile Sub</p> <p><a href="https://www.defenseone.com/business/2020/11/us-navy-orders-first-new-missile-sub/169832/">https://www.defenseone.com/business/2020/11/us-navy-orders-first-new-missile-sub/169832/</a></p>	
<p>Israel shifts naval doctrine with new Sa'ar 6 warships</p> <p><a href="https://www.defensenews.com/naval/2020/11/05/israel-shifts-naval-doctrine-with-new-saar-6-warships/">https://www.defensenews.com/naval/2020/11/05/israel-shifts-naval-doctrine-with-new-saar-6-warships/</a></p>	
<p>European Union erects legal hoops for outsiders to join defense programs</p> <p><a href="https://www.defensenews.com/global/europe/2020/11/05/european-union-erects-legal-hoops-for-outsiders-to-join-defense-programs/">https://www.defensenews.com/global/europe/2020/11/05/european-union-erects-legal-hoops-for-outsiders-to-join-defense-programs/</a></p>	

New Images Of Chinese Bomber Carrying Huge Mystery Missile Point To Hypersonic Capability

<https://www.thedrive.com/the-war-zone/37465/new-images-of-chinese-bomber-carrying-huge-mystery-missile-point-to-hypersonic-capability>



Xi Doesn't Need to Invade Taiwan Right Now

<https://foreignpolicy.com/2020/11/05/china-not-invade-taiwan-presidential-election-uncertainty/>



Canadian Fighter Pilot Training Company To Buy FA-50 Light Combat Jets

<https://www.thedrive.com/the-war-zone/37484/canadian-fighter-pilot-training-company-to-buy-fa-50-light-combat-jets>



For Canada, multibillion-dollar training program is the FACT of the matter

<https://www.defensenews.com/training-sim/2020/11/09/for-canada-multibillion-dollar-training-program-is-the-fact-of-the-matter/>



French Navy begins broad revamp of its mine-hunting abilities

<https://www.defensenews.com/global/europe/2020/11/06/french-navy-begins-broad-revamp-of-its-mine-hunting-abilities/>



China's military modernisation has pushed Japan to develop its own stealth fighter, analysts say

<https://www.scmp.com/news/china/military/article/3108627/chinas-military-modernisation-has-pushed-japan-develop-its-own>



China Extends Reach in the Caribbean, Unsettling the U.S.

<https://www.nytimes.com/2020/11/08/world/americas/china-caribbean.html>



Canada awards contract support to General Dynamics for 6 Canadian Navy Halifax-class frigates combat systems

<https://www.navyrecognition.com/index.php/news/defence-news/2020/november/9243-canada-awards-contract-support-to-general-dynamics-for-6-canadian-navy-halifax-class-frigates-combat-systems.html>



Israel's missile defense chief on weapons collaboration with the US

<https://www.defensenews.com/interviews/2020/11/08/israels-missile-defense-chief-on-weapons-collaboration-with-the-us/>



UK defense chief discusses 'robot soldiers,' warns pandemic fallout risks another world war

<https://www.foxnews.com/world/uk-defense-chief-third-world-war-coronavirus-pandemic-robot-soldiers>



Taiwan Is Beating Political Disinformation. The West Can Too.

<https://foreignpolicy.com/2020/11/11/political-disinformation-taiwan-success/>



Forget U.N. Peacekeepers: Send in the Gendarmes

<https://foreignpolicy.com/2020/11/11/forget-u-n-peacekeepers-send-in-the-gendarmes/>



Canada names new veterans watchdog

<https://www.cbc.ca/news/SOMNIA-1.5798606>



Britain moves to protect its defense industry from foreign influence

<https://www.defensenews.com/global/europe/2020/11/12/britain-moves-to-protect-its-defense-industry-from-foreign-influence/>



China's military lays out technology road map to catch up with the US

<https://www.scmp.com/news/china/military/article/3109443/chinas-military-modernisation-must-be-driven-innovation>





Israel's Specially-Built F-35I Test Jet Just Touched Down In-Country

<https://www.thedrive.com/the-war-zone/37579/israels-specially-built-f-35i-test-jet-just-touched-down-in-country>



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

### **#Arctic**

Report to Congress on Changes in the Arctic

<https://news.usni.org/2020/11/05/report-to-congress-on-changes-in-the-arctic-7>

### **#COVID**

The Security Impacts of the COVID-19 Pandemic

<https://www.pfp-consortium.org/articles/security-impacts-covid-19-pandemic>

After the Pandemic: Confronting a New Geo-Strategic Environment in the Post-COVID-19 Era

[https://macdonaldlaurier.ca/files/pdf/20201021\\_AfterThePandemic\\_Shimooka\\_PAPER\\_FWeb.pdf](https://macdonaldlaurier.ca/files/pdf/20201021_AfterThePandemic_Shimooka_PAPER_FWeb.pdf)

Russia's COVID-19 vaccine, the military input and what it may mean for the future use of biological weapons

<https://defenceindepth.co/2020/11/09/russias-covid-19-vaccine-the-military-input-and-what-it-may-mean-for-the-future-use-of-biological-weapons/>

### **#defence procurement**

Sustaining Strong, Secure and Engaged Funding: What the COVID-19 Pandemic Means for Defence Funding

<http://www.journal.forces.gc.ca/vol20/no4/page60-eng.asp>

### **#grand strategy**

Why the United States Needs to Rethink its China Strategy

<https://wvroom.com/2020/11/03/why-the-united-states-needs-to-rethink-its-strategy-towards-china/>

### **#information operations**

Wolves, social media & tactics from Afghanistan: Canadians should be worried about their government's bizarre psyops exercises

<https://www.rt.com/op-ed/505716-canada-psyops-wolves-facebook/>

*Of course, gotta look at the source: RT. An impressive piece of info manipulation.*

### **#intelligence**

US and UK Intelligence and Security Relationship

<https://rusi.org/commentary/us-and-uk-intelligence-and-security-relationship-way-forward—together>

### **#policing**

The New Age of Police Reform – Part 3

<https://www.domesticpreparedness.com/resilience/the-new-age-of-police-reform-part-3/>

Body-Worn Cameras: The Path Forward

Dated but was brought forward: <https://www.domesticpreparedness.com/preparedness/body-worn-cameras-the-path-forward/>

Baltimore Unrest - Police Lessons Learned on the Fly

Dated but was brought forward: <https://www.domesticpreparedness.com/preparedness/baltimore-unrest-police-lessons-learned-on-the-fly/>

### **#profession of arms**

From Prussia with Love: The Origins of the Modern Profession of Arms - Modern War Institute

<https://mwi.usma.edu/from-prussia-with-love-the-origins-of-the-modern-profession-of-arms/>

### **#professional military education**

Intellectual Discipline: The missing Core Value » Wavell Room

<https://wavellroom.com/2020/11/05/intellectual-discipline-the-missing-core-value/>

### **#Royal Canadian Navy**

Your Navy Today October 2020

<http://www.navy-marine.forces.gc.ca/en/news-ynt/2020/10-your-navy-today.page>

### **#strategy**

Report on World Geography and U.S. Strategy

<https://news.usni.org/2020/11/06/report-on-world-geography-and-u-s-strategy>

Strategy and International Law

<https://thestrategybridge.org/the-bridge/2020/11/09/strategy-and-international-law>

Siege Mentality: A Tale of Two Wus

<https://thestrategybridge.org/the-bridge/2020/11/10/siege-mentality-a-tale-of-two-wus>