



Royal United Services Institute of Nova Scotia Dispatches 12 March 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 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 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; and

RUSI(NS) Annual General Meeting 2021

1900 hours, Wednesday 24 March, via Zoom

Tom Birchall, Secretary/Treasurer, in an email (Fri, 26 Feb 2021 at 15:43), distributed:

Notice of Meeting

Agenda

Draft minutes of 04 Mar 20

2020 Compiled Financial Statements

2021 Budget

Programme Report

Security Affairs Committee (SAC) Report

Veteran's Affairs Committee (VAC) report

President's Report

If you haven't got his email, check with Tom.

Zoom joining instructions will be emailed Monday, 22 March.

Events:

To list an event in *Dispatches*, email the CIO by noon Thursday. If you have an idea for a topic or speaker, please 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.

17 March, Wednesday – RUSI(NS) Distinguished Speaker Cora Pictou, Transport Canada, titled "Marine Security Operations Centre East." 1300-1500. To register, email RUSINovaScotia@gmail.com by close of business Sun, 14 Mar. As subject line for your registration email, put: RUSI(NS) Distinguished Speaker 17 March 2021 Registration. The event will be done by Zoom. Instructions will be emailed by end Mon, 15 Mar.

Note: These, and other sources of information that mention VSS Vessel Selection System and NMP National Maritime Picture, could be useful pre-event reading:

Naval Cooperation and Guidance For Shipping: Giving an old tool a new role in Canada's Maritime Security <https://www.cfc.forces.gc.ca/259/290/297/286/dussault.pdf>

Interdepartmental Maritime Integrated Command, Control, and Communications (IMIC3) Project <http://dgpaapp.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1873>

Note that IMIC3 will be deployed in Kingston-class ships, CCG Ships, Maritime Security Operation Centres and CCG Regional Operations Centres, and as one of the feeds to the CANMARNET Unclassified National Maritime Picture (NMP). Keep an eye on the NMP capability.

Maritime Domain Awareness

<https://security.frontline.online/article/2010/1/2677-Maritime-Domain-Awareness>

New: 19 March, Friday - USNORTHCOM Arctic eTalk event "NATO's Foundation: NORAD and a Strong North American Arctic." 1000-1300 Mtn Time. For details, see poster at end of *Dispatches*. To register: https://alaska.zoom.us/meeting/register/tZYpdeivrD4tGNe1Qy_kfoWoVQ0mzsxjbDnH

30 March, Tuesday - Centre for International Governance Innovation presentation "National Security Challenges in the 21st Century: A discussion with Vincent Rigby, National Security and Intelligence Advisor to the Prime Minister." 1:30-2:30 pm EST. See: <https://www.cigionline.org/events/national-security-challenges-21st-century-discussion-vincent-rigby-national-security-and>.

New: 22 April, Thursday - US Naval Institute "The American Sea Power Project" virtual event to "reinvigorate thinking about the role of sea power in U.S. national security." 10 am EDT. To register, email RUSINovaScotia@gmail.com and a link will be emailed back. Also see: The American Sea Power Project (<https://www.usni.org/magazines/proceedings/2021/january/american-sea-power-project>).

Recent Publications:

New: RUSI(NS) Presentation "NORAD Modernization: Enabling Forward Operations" by Cmdre Jamie Clarke, 17 February 2021

<https://rusi-ns.ca/norad-modernization/>

New: RUSI(NS) Information Note "Change of Command – The Ceremony," 5 February 2021

<https://rusi-ns.ca/change-of-command-the-ceremony/>

New: RUSI(NS) Security Affairs Committee member David Swan report "Microsoft Exchange Hack," 8 March 2021, attached to email with this *Dispatches*..

Institute for Security Policy at Kiel University "The Americas Series" (Zoom recording) presentation "Americas as a Market & Mexico Naval Strategy," 10 February 2021
<https://kielseapowerseries.com/en/the-americas-series.html>

Naval Association of Canada Presentation "AOPS/JSS In Service Support (AJISS)" by Jamie Turcotte, 1 February 2021
<https://nac-o.wildapricot.org/resources/OTTAWA%20BRANCH/Documents/Meetings/Thales%20AJISS%20presentation%20to%20NAC%20Feb%201%202021%20Final.pdf>.

Canadian Marine Industries and Shipbuilding Association "On Watch" 3rd edition
https://send.successbyemail.com/prvw_message2.aspx?chno=be60b8fd-3e56-405e-bc7d-9051bf28ad10



The Edmonton United Services Institute President's Enews March 2021 is available on request to RUSINovaScotia@gmail.com.

The Military Institute of Windsor Communiqué Volume XXXIX Number 3 March 2021 is available on request to RUSINovaScotia@gmail.com.

The United Services Institute of Nanaimo and North Island Newsletter Vol 29 No 03 March 2021 is available on request to RUSINovaScotia@gmail.com.

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

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.

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| <p>CADSI @CadsCanada 5 Mar tweeted and RUSI(NS) retweeted: ICYMI: We tackled #procurement in our latest round of research into the Canadian #cyberdefence landscape. You can read our findings here, and find out why we struggled to come up with a list of recommendations: https://defenceandsecurity.ca/UserFiles/Uploads/publications/reports/files/document-37.pdf (Procurement at Cyber Speed)</p> |  <p>“ Canada can no longer afford to apply industrial-era acquisition rules to digital-era problems.</p> <p>Christyn Cianfarani, President and CEO of CADSI</p> |
| <p>don d'entremont @DonaldEntremont 4 Mar tweeted: HDW alongside AST. RUSI(NS) retweeted: .@RoyalCanNavy 3-letter ship indicators: HDW Harry DeWolf, MAR Margaret Brooke, MAX Max Bernays, WIL William Hall, FRR Frédérick Rolette, RHG Robert Hampton Gray, AST Asterix</p> |  |

JTF North / FOI Nord @JTFN_FOIN Mar 2 tweeted: #OpNANOOK-NUNALIVUT 21 is well underway in Yellowknife, N.W.T. Yesterday, members from the Land Task Force conducted familiarization patrols on Light Over Snow Vehicles and tested ice thickness, alongside Canadian Rangers from the 1st Canadian Ranger Patrol Group. RUSI(NS) retweeted: Info about 3 types @CanadianForces Light Over Snow Vehicles: "Extreme expedition: testing prototype vehicles in Canada's #Arctic" <https://www.canada.ca/en/defence-research-development/news/articles/extreme-expedition-testing-prototype-vehicles-canadas-arctic.html> & " User Trials with Novel Light Oversnow Vehicles in the Canadian Arctic" https://cradpdf.drdc-rddc.gc.ca/PDFS/unc252/p804709_A1b.pdf



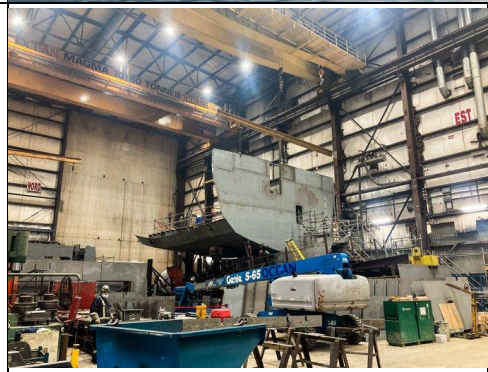
General Dynamics Mission Systems–Canada @GDMS_C 25 Feb tweeted and RUSI(NS) retweeted: #ICYMI: Yesterday, @CADSICanada launched Procurement at Cyber Speed, a report examining the state of military #cyber procurement in Canada. Our Director of Cyber Programs Al Amlani, who sits on the Cyber Advisory Council, contributed to the report: <https://defenceandsecurity.ca/UserFiles/Uploads/publications/reports/files/document-37.pdf>



3 hunters of the seas. @RoyalCanNavy #submarine force is strategic asset. Part of balanced navy & flexible naval strategy, providing options for CAN🇨🇦 go'vt action. Timely to discuss what future sub force should look like as part of #RCNavy & National Shipbuilding Strategy #NSS



Groupe Océan | Ocean Group @Groupe_Ocean 10 Mar tweeted: *** NLT project *** Our Ocean Industries teams at L'Isle-aux-Coudres were recently successful in moving the keel and double bottom of the first tugboat. RUSI(NS) retweeted: Progress of Naval Large Tug #NLT project, part of National Shipbuilding Strategy #NSS <https://www.tpsgc-pwgsc.gc.ca/app-acq/amd-dp/mer-sea/sncn-nss/naval-largegros-eng.html> @Groupe_Ocean to build 4 tugs for @RoyalCanNavy harbour services, part of balanced navy . CAN🇨🇦 shipbuilders have grand tradition since #SWW of building tugs for #RCNavy



Posted on Facebook Royal United Services Institute NS with comments:

Pentagon Eyes Plan to Intensify Social Media Screening in Military Background Investigations

<https://www.military.com/daily-news/2021/03/03/pentagon-eyes-plan-intensify-social-media-screening-military-background-investigations.html>



"The Pentagon is looking for a new way to screen social media as part of its background check process, in an effort to prevent extremist behavior in the ranks."

"And while the military could start by only periodically reviewing social media posts when troops need background checks, ... before long, it would be expanded into a practice of real-time monitoring to catch whether troops are involved in emerging threats."

There needs to be more education of the Canadian public, which includes potential recruits, and of members of the Canadian Armed Forces (and other federal government departments), of their role in the ongoing wars in the information domain, and the defenses that Canadians need to routinely employ. The military trains in physical strength/resiliency, is trying to get better in mental resiliency, and should add social interaction (or whatever term) resiliency to that.

What's in a codeword? How military operations are named

<https://medium.com/voices-of-the-armed-forces/whats-in-a-codeword-how-military-operations-are-named-8c2d132f3254>

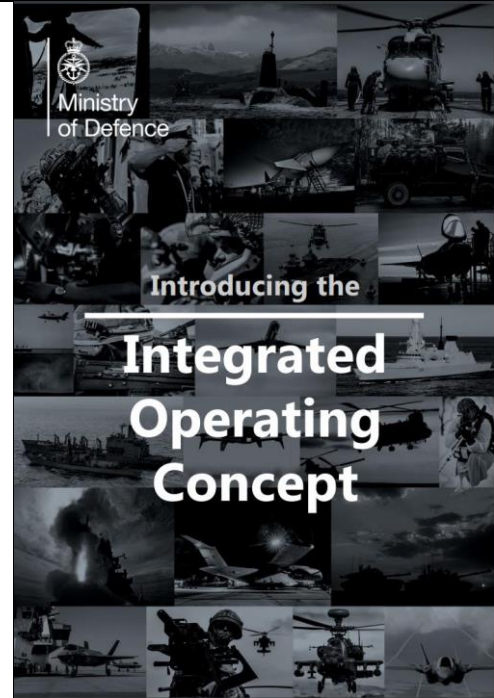


An interesting aspect of how the Canadian Armed Forces names operation plans (the basis of operation orders except in an unexpected contingency) is that the first letter can indicate the responsible command for the plan. For example, plans with a S were originated by 5th Canadian Division Headquarters. Naming became a little more complicated in recent years and some operations are given names due to messaging consideration, that is, to resonate with the public or send a political message.

There was also an old NATO convention that maritime exercises were given names with a first letter the same as the port from which the exercise originated. That convention was followed for HALCYON RV, the 2010 exercise out of Halifax that was part of the Royal Canadian Navy's centenary celebrations. There's a somewhat hidden message in the choice of name: halcyon is a type of kingfisher, the bird which features prominently in the centre of the badge of Canadian Forces Base Halifax.

The Integrated Operating Concept

<https://wvrellroom.com/2021/02/19/the-integrated-operating-concept/>



"A whole of Government approach, and mindset, is needed to make (the Integrated Operating Concept 2025) work."

Whole-of-government approach, sometimes known as comprehensive approach, has long been part of Canadian defence and security discussion. Canada could benefit in watching and learning from how the UK undertakes making their Integrated Operating Concept work ("operationalizing it," to use a favoured expression from a Canadian admiral with a gift for words).

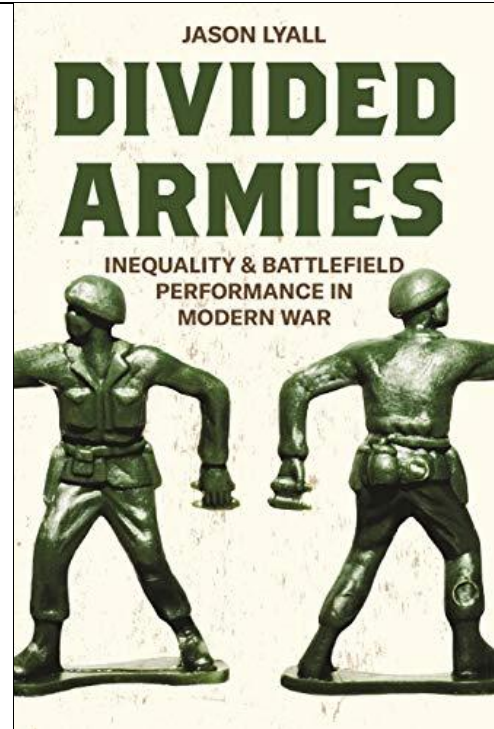
"To do this ("an articulation of 'operational art' that the state should adopt."), the MOD must stop talking to itself and increase its engagement activity with the rest of Government to gain acceptance and buy-in."

Are there lessons for Canadian engagement?

Professional opinion of RAdm Santarpia on the need for a security culture: I think the author hits the challenge right on the head. Without a national strategy, a structure to align all elements of national power and a security culture, operational concepts will not deliver cohesive effects against a competitor who is viewing the world as an arena of competition where they have a national strategy, structure and culture.

Divided Armies: Inequality & Battlefield Performance in Modern War

<https://wvllroom.com/2021/03/04/wvllreviews-divided-armies/>



"Military Inequality Coefficient (MIC) ... is 'the degree to which ethnic groups within the military enjoy full membership of the political community or, conversely, are subjected to state-directed collective discrimination or repression.' "... the MIC is quantified on a scale from 0 (perfect equality) to 1 (perfect inequality)."

Would be interesting to see how the Canadian Armed Forces measure up.

Distributed Manufacturing for Distributed Lethality

<https://cimsec.org/distributed-manufacturing-for-distributed-lethality/>



"The United States Navy's historical annual shipbuilding budget can either maintain the fleet size at status quo or build a hollow force with more ships. Wargames suggest that either such fleet, as part of the joint force, would not prevail in a conflict with China."

How have AOPS, JSS and CSC done in wargames? I suspect, on the whole, this is a rhetorical question. Canada appears not to have made public results of its wargames to the extent the US has.

"To overcome the limited capacity of American shipyards in pursuit of this requirement (to build key enablers, including drones, even faster than the enemy can attrite them), Congress should develop a distributed shipbuilding industrial base through a variety of structured incentives."

Is a distributed shipbuilding industrial base possible in Canada? Is it even necessary? Canada is focused on building the naval and other government fleets needed now. Is the National Shipbuilding Strategy (NSS) positioning the Canadian shipbuilding sector that it can scale up rapidly if called up? How different would the answer be if, rather than building 7,800 tonne frigates and 20,240 tonne

oilers, the contingency/emergency plan called for building surface and underwater drones, and small vessels of a few hundred tonnes but able to carry modularized (dare one write containerized) sensors and weapons?

"China has the maritime industrial base to surge into dominant overproduction. The United States clearly does not, and even struggles to coordinate routine peacetime maintenance between sea services."

So, what is the desired end state of the NSS? What are the capabilities of the strategy and the shipbuilding industry to be agile (using the term in the industry rather than military sense) and being able to support increased production? Is there any official or public discussion of this?

US 'Gets Its Ass Handed To It' In Wargames: Here's A \$24 Billion Fix

<https://breakingdefense.com/2019/03/us-gets-its-ass-handed-to-it-in-wargames-heres-a-24-billion-fix/>



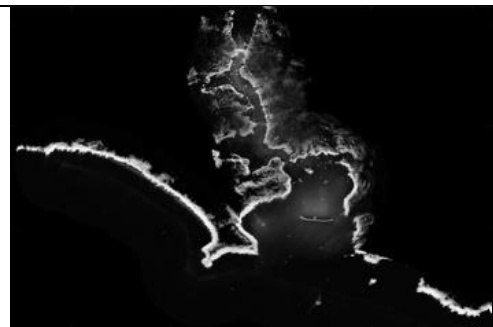
"Whenever we have an exercise and the red force really destroys our command and control, we stop the exercise" ... "instead of trying to figure out how to keep fighting when your command post gives you nothing but blank screens and radio static."

"The Chinese call this 'system destruction warfare,' ... "They plan to "attack the American battle network at all levels, relentlessly, and they practice it all the time."

Training and exercising needs to be done including practicing loss of command and control (C2). Wargames, certainly recreational games, have long included C2. How many of us recall seeing a game unit be moved the opposite direction of what we want, just because of a bad dice roll? Whether we call it system destruction warfare or something else (but we should know that term, because the Chinese do), it should be a routine part of military doctrine and activities.

HMS Magpie tests groundbreaking software to rapidly map the seabed

<https://www.royalnavy.mod.uk/news-and-latest-activity/news/2021/march/04/20210304-magpie-radar>



"This technique could allow the remote charting of both shallow water and currents from a standoff distance of several nautical miles and could be employed by all Royal Navy Ships using the navigation radars that are already fitted with."

Fascinating tech. Could be very useful for insertion into strange waters. Could it be used for mine warfare?

And might it be useful in the Arctic where so much of the waters are uncharted?

Japan's New Mogami-Class Frigates Show What The U.S. Navy's Littoral Combat Ships Could Have Been

<https://www.forbes.com/sites/sebastienroblin/2021/03/05/japan-s-new-mogami-class-frigates-show-what-littoral-combat-ships-could-have-been/?sh=4672f47720a0>



Relatively cheap and with a smaller ship's complement (navy people are expensive). Certainly appears to be an excellent design that can be built in large numbers to be employed against a local adversary. And that's the point - the Japanese Mogamo-class can be considered as regional frigates. States design and build, or else acquire, ships to meet their requirements, geo-strategic and otherwise.

Who's Funding that Lawsuit? Implications for Lawfare

<https://www.defenseone.com/ideas/2021/03/whos-funding-lawsuit-lawfare-implications/172489/>



"... third-party litigation funding ... allowing foreign actors to weaponize the legal system for their own influence objectives."

Okay, don't think this is a solely commercial sector thing. In fact, think of it as part of a form of hybrid warfare, whereby legal action is mixed with action by a state (adversarial) to ensure it is the one to build infrastructure (ports, airports, etc.) in a part of the world that state wants to dominate or use for geo-strategic purposes.

Our military has to be aware of this sort of thing so that they can, in conjunction with appropriate law enforcement, legal and other civil sectors, defend Canada, at home and abroad, against this form of offensive competition. Hmm, is it included in Influence Activities training of our Canadian Armed Forces?

Active Ships in the US Navy

<https://www.military.com/navy/us-navy-ships.html>



"The number of ships active in commission includes those that are commissioned but not battle-ready, such as the USS CONSTITUTION; and excludes most combat logistics and fleet support ships."

Another reminder that care has to be taken in reading articles about different navies. The Royal Canadian Navy (RCN) does not use the term "active in commission." RCN ships, which includes auxiliaries (that is, "combat logistics and fleet support ships"), are either in commissioned service or not. Further, the US Navy has various types of commission, such as "in commission, special." The RCN does not.

From an old King's Regulations for the Canadian Navy: "commissioned ship" means a ship placed in His Majesty's Canadian Naval Service in accordance with a commissioning order issued by the Minister.

Unlike ongoing in the US, Canada and the RCN are not having a great debate about the number of battle-force ships, indeed, the term battle-force is not used here. There is at this time public reporting and talk about the number of Canadian Surface Combatant project ships to procure, but that is not a discussion of the overall size of the RCN. Hmm, maybe we should be having such a discussion, though really we Canadians should be discussing what we want our country to do in this world, and what we want our military to be able to do as part of that. Then, with us as interested observers, our government and the naval authorities can beat out what navy the country is willing to pay for.

China to push for building 'Polar Silk Road' in Arctic Ocean

<https://timesofindia.indiatimes.com/world/china/china-to-push-for-building-polar-silk-road-in-arctic-ocean/articleshow/81348162.cms>



This is an article by the Editorial Staff of the Times of India: "China to push for building 'Polar Silk Road' in Arctic Ocean". The article covers the current effort by China to "barge" into the Arctic. The Communist Chinese Party (CCP) has planned and have incorporated this project into the 14th Five year plan.

This project sees the creation of a third trans-Arctic Sea Route through the centre of the Arctic which is a different route than either the North West or North East Passage and constitutes a third passage which is close to the geographic North Pole. The Arctic at this area is still mainly covered by sea ice and the route is technically very difficult to traverse at this time. The CCP has used the opportunity to explore all three routes and is the only country known to have done so at this time.

Although the CCP has stated that it "will participate in the pragmatic cooperation in the Arctic and building the 'Polar Silk Road'," the CCP is like the proverbial camel and the tent - first it is the nose and then eventually the whole body. The CCP has also been caught attempting to install facilities that have a direct intelligence value secretly in Sweden and again in Iceland. Both these projects were stopped. The CCP has consistently proven to be an untrustworthy partner that will seek to exploit any weakness it can find. They use cyber-attacks, economic warfare and other nations' legal systems to gain advantage, all the while protecting their own interests at the expense of the other nation.

Further incursions into the Canadian Arctic should be restricted, especially if that information is on the sea bottom which could be exploited by potentially hostile forces and particularly their submarines and underwater drones. Canada's sovereignty is at greater risk than ever - complacency is not an option.

Training: The Cornerstone of True Interoperability

<https://www.domesticpreparedness.com/preparedness/training--the-cornerstone-of-true-interoperability/>

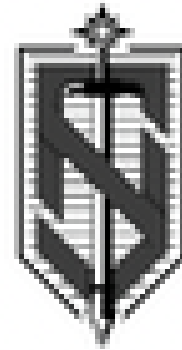


Domestic Preparedness

2005 article but still right and relevant: "Interoperability means more than just talking. It means establishing a joint training environment in which each critical response component buys into, participates in, and understands the overall operational plan and tactical objectives. It means that successful collaborations depend as much on the proficiency of the people involved as on the hardware components and technologies available."

Always Pre-check your Strategy

<https://www.strategynotes.co/p/always-pre-check-your-strategy>



"A pre-check envisions what might happen if you did nothing at all."

Top defence official says China is a threat to Canadian Arctic

<https://www.theglobeandmail.com/politics/article-top-defence-official-says-china-is-a-threat-to-canadian-arctic/>








"We should not underestimate at all that threat of resource exploitation in the Arctic by China in particular,"

Chinese attempts to invest in the Arctic, of companies but particularly acquisition of Northern infrastructure, should always go through national security review.

"The deployment of the Navy in particular to the South China Sea is one of the messages that can be sent," Ms. Thomas said. "[The deployments] are about the rules-based order and freedom of navigation, the freedom of the seas and the fact we will not be bullied into changing the geography of the world."

Canada and the Royal Canadian Navy don't call such activities Freedom of Navigation Operations (FONOPS) but RCN ship transits certainly work to the same effect.

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.

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|  <p>https://mailchi.mp/rusi.org/weekly5march2021-171234?e=a539211a30</p> |  |
| <p>NATO grapples with grasping China’s transportation clout in Europe</p> <p>https://www.defensenews.com/global/europe/2021/03/04/nato-grapples-with-grasping-chinas-transportation-clout-in-europe/</p> |  |
| <p>Chinese military in South China Sea landing drill as Taiwan tension persists</p> <p>https://www.scmp.com/news/china/military/article/3124003/chinese-military-south-china-sea-landing-drill-taiwan-tension</p> |  <p>South China Morning Post</p> |
| <p>Canadian Army to receive 8,000 new pistols</p> <p>https://ottawacitizen.com/news/national/defence-watch/canadian-army-to-receive-8000-new-pistols</p> |  |

Change of Command – The Ceremony

<https://rusi-ns.ca/change-of-command-the-ceremony/>



JAMES O'HAGAN: Resist recurring attempts to torpedo shipbuilding effort

<https://www.thechronicleherald.ca/opinion/local-perspectives/james-ohagan-resist-recurring-attempts-to-torpedo-shipbuilding-effort-559082/>



Israeli defense minister: Plans to attack Iran nuclear sites updated

<https://www.upi.com/Defense-News/2021/03/05/israel-Israel-plans-iran-airstrike-nuclear-sites/6321614976661/>



The Naval Association of Canada responds to the latest PBO CSC report




<https://vanguardcanada.com/the-naval-association-of-canada-responds-to-the-latest-pbo-csc-report/>



Xi Jinping tells China's military 'be prepared to respond' in unstable times

<https://www.scmp.com/news/china/military/article/3124733/xi-jinping-tells-chinas-military-be-prepared-respond-unstable>



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| <p>India to Buy First U.S. Armed Drones to Counter China, Pakistan</p> <p>https://www.bloomberg.com/news/articles/2021-03-09/india-to-buy-first-u-s-armed-drones-to-counter-china-pakistan</p> |  |
| <p>‘Not Enough Being Done’ to Counter China’s Growing Aggression, US Military Officials Warn</p> <p>https://www.defenseone.com/threats/2021/03/not-enough-being-done-counter-chinas-growing-aggression-us-military-officials-warn/172594/</p> |  |
| <p>Botched military helo tender shall remain kaput, German court rules</p> <p>https://www.defensenews.com/global/europe/2021/03/10/botched-military-helo-tender-shall-remain-kaput-german-court-rules/</p> |  |

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

#air power

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| <p>Moscow’s Aerospace Theory of Victory: https://www.cna.org/CNA_files/PDF/IOP-2021-U-029278-Final.pdf Western Assumptions and Russian Reality</p> <p>The Ghosts of Vietnam: Building Air Superiority for Operation DESERT STORM https://balloonstodrones.com/2021/03/11/desertstorm30-the-ghosts-of-vietnam-building-air-superiority-for-operation-desert-storm/</p> |
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#armour

What is the Tank Good For?
<https://wavellroom.com/2021/03/03/what-is-the-tank-good-for/>

#China Naval Modernization:

In an era of renewed great power competition, China’s military modernization effort, including its naval modernization effort, has become the top focus of U.S. defense planning and budgeting. China’s navy, which China has been steadily modernizing for more than 25 years, since the early to mid-1990s, has become a formidable military force within China’s near-seas region, and it is conducting a growing number of operations in more-distant waters, including the broader waters of the Western Pacific, the Indian Ocean, and waters around Europe.
<https://crsreports.congress.gov/product/pdf/RL/RL33153>

#defence procurement

CSC-NSS Delays, Cost Overruns and the Elephant in the Room

<https://www.navalreview.ca/2021/03/csc-nss-delays-cost-overruns-and-the-elephant-in-the-room/>

#land force structure

Cromwell's Ghost: Will the Integrated Review Give Britain a New Model Army?

UK but worth reading their thinking on this subject:

<https://tippingpoint2020s.com/2021/03/07/cromwells-ghost-will-the-integrated-review-give-britain-a-new-model-army/>

#land warfare

Maneuver Warfare: "Reports of My Death Have Been Greatly Exaggerated"

<https://mwi.usma.edu/maneuver-warfare-reports-of-my-death-have-been-greatly-exaggerated>

#leadership

Developing Senior Officers Who Soldiers Want to Follow

<https://warroom.armywarcollege.edu/articles/senior-officers-who-soldiers-follow/>

#naval operations

Pentagon 2020 Freedom of Navigation Report

<https://news.usni.org/2021/03/10/pentagon-2020-freedom-of-navigation-report>

RCN HQ has advised that the RCN does not conduct FONOPS nor are they part of RCN doctrine. RCN ships do, however, pass through, as part of normal transits, waters illegitimately claimed by foreign states.

#professional military education

Building the Next Generation of Boyds, Hoppers, Krulaks and Pattons

<https://mwi.usma.edu/building-the-next-generation-of-boyds-hoppers-krulaks-and-pattons>

#Royal Canadian Navy

Your Navy Today - February 2021

<http://www.navy-marine.forces.gc.ca/en/news-ynt/2021/02-your-navy-today.page>

#science and technology

New UK Government Initiative to Support High-Risk, High-Reward Military Science Needs Refinement

<https://rusi.org/commentary/new-uk-government-initiative-support-high-risk-high-reward-military-science-needs>

#seapower

Identifying the Leadmark: The Canadian Navy in Support of Foreign Policy Since 1945

By Art McDonald: <https://www.cfc.forces.gc.ca/259/290/289/286/mcdonald.pdf>

#threats

The threat spectrum

<https://www.aspistrategist.org.au/the-threat-spectrum-11/>

Yes, there are futurecast studies of defence and security operating environment, but at best they are annual publications. Sometimes something more frequent is needed, and another country's perspective can be useful.

Other:

CANFORGEN 022/21 - CMP - 081349Z MAR 21 - PROMOTIONS AND SENIOR APPOINTMENTS 2021 - GENERAL AND FLAG OFFICERS
https://mobile.caf-fac.ca/canforgens/page.php?path=022-21_e

Mil Speak

Think Defence @thinkdefence 3 Mar tweeted:

A few thoughts on the use of impenetrable language in defence media.

Like any group or profession, it will have terminology that is unfamiliar to outsiders (has anyone ever read a medical text book) but that does not mean that terminology is incorrect. It can aid understanding and in situations where time is a factor

Precise language in days of old might also have been important when bandwidth was limited and things like encoding, a laborious and manual process (looking at you BATCO). So a specific set of words used to aid brevity in a professional context is not a bad thing

However, where this goes off the rails a bit is where those communicating with a wider audience forget they are communicating with a wider audience. It is here that plain English works and management speak doesn't

In fact, when you start seeing words like inculcate in a Tweet you start to realise it isn't effective communication, it is self indulgent showing off. Communications must always be audience conscious, and here, defence has a lot of work to do

And can we please stop using warrior, warfighter or warfighting, it really is cringeworthy and sounds an awful lot like trying and fit in with the cool kids over the pond.

The bottom line is this, words matter, and if we are all having a laugh and/or cringe at those words, not the concept or meaning they are meant to convey, then it is a simple F for fail in old fashioned good communication

“The Watch” Command Magazine, United States Northern Command, United States European Command, United States Indo-Pacific Command and the Center for Arctic Security and Resilience



Present

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A monthly forum for open discussion (non-attribution) on key issues affecting the Circumpolar Arctic for academics, defense and security professionals, and military leaders from Canada, Finland, Iceland, Kingdom of Denmark (Greenland and Faroe Islands), Norway, Sweden, and the United States

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Norwegian Institute for
Defence Studies



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North American and Arctic
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NATO's Foundation:
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Featuring:

Commodore James A. Clarke

Canadian Armed Forces - Royal Canadian Navy

Deputy Director - Strategy, Policy, Plans Directorate (J5):
NORAD-USNORTHCOM

Registration required:
Link provided in the email invitation

Friday, March 19th, 2021
0800 AK/1000 MT/1200 EST/1800 CET

Contact for more information:
casr@alaska.edu

Strong Partnerships are Integral to Defending Our Homelands

Lieutenant-General / Lieutenant-général Wayne Eyre @CDS_Canada_CEMD 6 Mar tweeted: To the Members and Families of the Canadian Armed Forces,

UNCLASSIFIED



5 March 2021

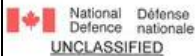
To the Members and Families of the Canadian Armed Forces,

As I continue to receive transition briefings, I must thank those who have gone to great lengths to quickly get me operationally ready to "fight tonight," if needed. By necessity, I now view the Canadian Armed Forces through a wider lens and it is manifestly clear to me that you are delivering operational excellence across the breadth and scope of our Force, in Canada and abroad. At our core, we exist for operations.

To the members of 413 Transport and Rescue Squadron from 14 Wing Greenwood: BZ for your courageous life-saving role off the coast of Nova Scotia. To those who have served as part of both Operation LASER and VECTOR over the past year, performing tasks such as supporting 50 different Northern and Indigenous communities to embedding within Government of Canada departments, you have my utmost respect and gratitude.

Much has been said and written recently about the CAF. There is a great deal to admire in Canada's military: professionalism, selflessness, dedication, courage, sacrifice and commitment, to name but a few. There are also elements of our military culture that need, must, and will change. Certain behaviours and attitudes exhibited towards our personnel are beyond troubling. None of us should ever tolerate, or condone, behaviour or attitudes that threaten the wellbeing of our people. The road ahead will not be easy, but we will emerge a stronger, better, and more effective Force.

I know that the demands and pressures of normal military life are exacerbated by the pandemic's duration, and many of us can't help but to show some fatigue as we balance high demands at work and at home. It is readily apparent to me that we have large pockets within the organization who are running on overdrive as they underpin our operational and institutional demand. We need to look after each other. If you need help or a hand, I urge you to reach out to others, and/or avail yourself of the resiliency and wellness tools available. You do not need to struggle alone. Likewise I expect leaders at all levels to redouble their efforts to communicate, to listen, to really understand and to respond to the individual circumstances of our people.



UNCLASSIFIED

Posting season is approaching and as part of this I know that many of you are anticipating a posting message. One of my first priorities is to publish the senior leader and promotion messages, which will occur very shortly, and from which certainty on many other postings will cascade.

For those headed to new roles and new responsibilities in new locations I know you will need to deal with additional challenges and stresses of moving at the same time as managing pandemic-related constraints. Know that your leadership is attuned to this fact and that reasonable accommodations will be made to see that you and your family, if accompanied, are able to hit the ground running at your new duty station. Like last year, we will exercise maximum flexibility in posting dates. On that note, I encourage you to refer to recent and future CANFORGENs that may be pertinent to you. As always, they can be found on the CAF App.

To our families, who I know are suffering from COVID-19 fatigue, please accept my heartfelt appreciation for your continued support. We need to stay the course against the pandemic. Together, we will someday soon be past this difficult time. We all want this to end and return to normalcy.

To close on a happy note: your well-deserved pay increase was announced yesterday and you should see funds in your account by the end of the month.

Please look after each other, look after yourselves, and stay healthy.

Wayne Eyre
Lieutenant-General
Acting Chief of the Defence Staff

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2/2

NATO Multimedia Library Thematic Bibliography No. 3/21 "The Iraq War and Its Aftermath"
https://natolibguides.info/ld.php?content_id=33463558

Office of the Judge Advocate General Strategic Legal Paper Series

Issue 1 - The issue of Torture and Ill-Treatment

<https://www.canada.ca/en/department-national-defence/corporate/reports-publications/military-law/interrogations-guide.html>

Issue 2 - The Crown Prerogative as Applied to Military Operations

<https://www.canada.ca/en/department-national-defence/corporate/reports-publications/military-law/crown-prerogative.html>

Issue 3 - The Operational Legal Challenges of Naval Operations in Canada's Arctic Waters

<http://www.mdn.ca/en/about-reports-pubs-military-law-strategic-legal-paper/naval-ops-arctic-waters-guide.page>