



## Royal United Services Institute of Nova Scotia Dispatches 17 June 2022

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

*Dispatches* is a weekly collection of news of interest, including 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.

Everyone is encouraged to submit links and other content to be included in *Dispatches*. Submissions and feedback are welcome anytime. Email to [RUSINSDispatches@gmail.com](mailto:RUSINSDispatches@gmail.com). 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.

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).

### Editor for Dispatches

An editor is needed for the 29 July and 5 August editions. If interested, please email RUSI(NS).

(And there's the long-standing need for a permanent editor. Or at least a co-editor...)

### Events:

To list an event in *Dispatches*, email RUSI(NS) by noon Thursday. RUSI(NS) events are by invitation. 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: 22 June**, Wednesday - Royal Alberta United Services Institute presentation by D Christopher Ankersen "The Army is No Place for a Warrior." 1900 Mountain time. Via Zoom. For more info and to register: <https://rausi.ca/info-events/rmcscd/522-the-army-is-no-place-for-a-warrior>.

**29 June**, Wednesday – RUSI(NS) Distinguished Speaker by Lieutenant-Colonel Hope Carr, 5th Canadian Division Headquarters, "Op PRESENCE: Civil-Military Capacity Building for UN Peace Operations." 1300-1500. Cambridge Military Library. Registration not required.

**New: 19 July**, Tuesday - Georgetown University Wargaming Society presentation "Wargaming Operational Logistics Forward in Peer Adversary Conflict." 1800-2000 EDT. Online. To register: <https://www.eventbrite.com/e/wargaming-operational-logistics-forward-in-peer-adversary-conflict-tickets-326907157107>

**New: 27 October**, Tuesday - Georgetown University Wargaming Society presentation "Back to the Future: The 1980s Global War Games as a Campaign of Learning." 1800-2000 EDT. Online. To register: <https://www.eventbrite.com/e/back-to-the-future-the-1980s-global-war-games-as-a-campaign-of-learning-tickets-358240826957>

### **Publications:**

Publications without links are available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

RUSI(NS) Presentation "No. 2 Construction Battalion: A Short History & an Apology" by Colonel (retired John Boileau, 25 May 22, <https://rusi-ns.ca/no-2-construction-battalion/>

RUSI(NS) Information Note "Ship-to-Shore Connector Barges," 10 May 2022, <https://rusi-ns.ca/ship-to-shore-connector>

RUSI(NS) Comments "The Rise and Fall of Military Strategic Communications at National Defence 2015-2021: A Cautionary Tale for Canada and NATO, and a Roadmap for Reform" by Brett Boudreau, 9 May 2022, [https://rusi-ns.ca/military\\_strategic\\_communications/](https://rusi-ns.ca/military_strategic_communications/)

Canadian Marine Industries and Shipbuilding Association *On Watch*, 25 May 2022  
<https://www.cmisa.ca/cpages/on-watch-current>

Edmonton United Services Institute President's *Enews*, June 2022.

Military Institute of Windsor *Communiqué*, Volume XL, Number 6, June 2022

Royal Alberta United Services Institute *Dispatches*, June 2022  
<https://www.rausi.ca/component/acym/archive/131-rausi-dispatches-june-2022>

Royal Canadian Naval Association Admiral Hose Branch *Scuttlebutt*, June 2022 Edition.

**New:** Royal United Services Institute of Victoria (Australia) *Defence Update*, Volume 12, Issue 7, 13 June 2022


Veterans Affairs Canada *Salute!* May 2022  
<https://www.veterans.gc.ca/eng/about-vac/news-media/salute>

### **Tweeted by @RUSI\_NS:**

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

Canadian Armed Forces @CanadianForces 10 Jun tweeted and RUSI(NS) retweeted: Lock n Load ♫ #DYK that the current C14 and C3A1 sniper rifles will be replaced by C21 bolt-action multi-caliber sniper rifles? These will provide #CAF snipers with enhanced accuracy and a proven effective range of 1200m ☺. #WellEquipped  
<https://canada.ca/en/department-national-defence/news/2022/06/canadian-military-snipers-getting-new-rifles.html>



<p>(Canadian Military Snipers Getting New Rifles)</p> <p>Canadian Army @CanadianArmy 9 Jun tweeted: Save the date: History will be made on July 9th 2022 when a national apology is issued in Truro, N.S to the men of No.2 Construction Battalion (CEF) and their descendants. Go to <a href="https://no2-cef.ca">https://no2-cef.ca</a> to learn about this event.</p> <p>RUSI(NS) retweeted: RUSI(NS) presentation "No. 2 Construction Battalion: A Short History &amp; an Apology" <a href="https://rusi-ns.ca/no-2-construction-battalion/">https://rusi-ns.ca/no-2-construction-battalion/</a> #N2CB</p>	 <p>SAVE THE DATE</p> <p>History will be made... <b>July 9th, 2022</b></p> <p>A National Apology will be issued in Truro, N.S. to the men of No.2 Construction Battalion (CEF) and their descendants.</p> <p>Go to <a href="https://www.no2-cef.ca">WWW.NO2-CEF.CA</a> to learn about the planned National Apology to the only all-Black battalion-based formation in Canadian military history.</p>
<p>Dallaire Institute for Children, Peace &amp; Security @DallaireInst 12 Jun tweeted and RUSI(NS) retweeted: DYK that the recruitment and use of children in conflict is considered one of the worst forms of #childlabour? Learn how our predictive model will lead us from #EarlyWarning to #EarlyAction: <a href="https://dallaireinstitute.org/k4p/">https://dallaireinstitute.org/k4p/</a> #WDAACL2022 #ChildrenPeaceSecurity <a href="http://dallaireinstitute.org">http://dallaireinstitute.org</a></p> <p>Previous RUSI(NS) publications on child soldiers: Child Soldiers <a href="https://rusi-ns.ca/child-soldiers/">https://rusi-ns.ca/child-soldiers/</a></p> <p>Veteran Trainers to Eradicate the Use of Child Soldiers: An Opportunity for Professional Renewal <a href="https://rusi-ns.ca/veteran-trainers-eradicate-use-child-soldiers/">https://rusi-ns.ca/veteran-trainers-eradicate-use-child-soldiers/</a></p> <p>Veteran Trainers to Eradicate the Use of Child Soldiers <a href="https://rusi-ns.ca/vtecs/">https://rusi-ns.ca/vtecs/</a></p> <p>Child Soldiers – Perspectives of Halifax Regional Police <a href="https://rusi-ns.ca/child-soldiers-perspectives-halifax-regional-police/">https://rusi-ns.ca/child-soldiers-perspectives-halifax-regional-police/</a></p>	 <p>UN Photo/Isaac Njiru</p> <p>WORLD DAY AGAINST CHILD LABOUR</p>
<p>Canadian Coast Guard @CoastGuardCAN 15 Jun tweeted and RUSI(NS) retweeted: Today, we're proud to announce funding for 10 communities under the Indigenous Community Boat Volunteer Program! The \$2M in funding will help to purchase new boats &amp; safety equipment to better respond to marine emergencies. Info <a href="https://www.canada.ca/en/canadian-coast-guard/news/2022/06/canadian-coast-guard-partners-with-indigenous-coastal-communities-to-enhance-marine-safety.html">https://www.canada.ca/en/canadian-coast-guard/news/2022/06/canadian-coast-guard-partners-with-indigenous-coastal-communities-to-enhance-marine-safety.html</a> #OceansProtectionPlan</p> <p>(Canadian Coast Guard partners with Indigenous coastal communities to enhance marine safety)</p>	 <p>OCEANS PROTECTION PLAN</p> <p>Canadian Coast Guard / Gards côtières canadienne</p> <p>Canada</p>
<p>Canadian Global Affairs Institute @CAGlobalAffairs 16 Jun tweeted and RUSI(NS) retweeted: "Countering the pan-domain threat of mis- and disinformation requires a new emphasis on the triad of right policy, good operational execution and effective strategic communications," writes @WHMTE on this latest Policy Perspective <a href="https://cgai.ca/fixing_strategic_communications_at_national_defence_demands_a_whole_of_government_effort">https://cgai.ca/fixing_strategic_communications_at_national_defence_demands_a_whole_of_government_effort</a></p>	

(Fixing Strategic Communications at National Defence Demands a Whole-of-Government Effort)

*The author argues the greatest contemporary threat faced by liberal democracies is how quickly citizen faith, trust and confidence in government and public institutions is eroding. Arresting this trend and restoring trust, credibility and reputation is the ultimate challenge for elected officials and communications practitioners. And, that the Strong, Secure, Engaged (SSE) defence policy refresh – the catalyst being the February 2022 Russian invasion of Ukraine – offers a real opportunity now with our eyes wider open, to better reflect the new realities of modern conflict and address known shortcomings since the document's issue in June 2017. This includes how Defence and government more broadly operate in the information environment – a key domain in war, conflict and the domestic security space.*

Canadian Coast Guard @CoastGuardCAN 14 Jun tweeted: Almost at a baker's dozen! CCGS Shediac Bay is the 12th Search and Rescue (SAR) lifeboat delivered under the #NationalShipbuildingStrategy. Eight more to go! Keep up the good work Hike Metal Products and @CNForillon we're now in the homestretch! RUSI(NS) retweeted: 11&12 of 20 coastal (100 NM) search&rescue #SAR vessels being built for @CoastGuardCAN under CAN🇨🇦 #NationalShipbuildingStrategy small vessels part <https://www.tpsgc-pwgsc.gc.ca/app-acq/amd-dp/mer-sea/sncn-nss/rechsauve-searchresc-eng.html> At least by ship count for #CCG, #NSS is progressing well <https://www.canada.ca/en/canadian-coast-guard/news/2022/06/canadian-coast-guard-welcomes-two-more-of-its-20-new-search-and-rescue-lifeboats-as-ccgs-chignecto-bay-and-ccgs-shediac-bay-join-the-east-coast-fleet.html> Other success factors?



Canadian Armed Forces on 10 Jun Twitter (<https://twitter.com/CanadianForces/status/1535308663698690049>): "We are pleased to announce the publication of "The CAF Ethos: Trusted to Serve," an operational guide supporting our renewed commitment to professionalism. 1/2 <https://t.co/zBjidFakQZ> <https://t.co/9jW6WbM4O4>" / (Publication of The CAF Ethos: Trusted to Serve <https://www.canada.ca/en/department-national-defence/news/2022/06/publication-of-the-caf-ethos-trusted-to-serve.html>)



This is the basis for everyday judgment, decision-making, and conduct in the profession of arms and offers guidance on how best to apply the CAF Ethos and its elements in daily military service. Every CAF member has a role to play. 2/2

General / Général Wayne Eyre on Twitter ([https://twitter.com/CDS\\_Canada\\_CEMD/status/1535268285121454080](https://twitter.com/CDS_Canada_CEMD/status/1535268285121454080)): "Today we released "Trusted to Serve" our new CAF Ethos. Our goal is an armed forces in which every member is able to be their authentic self, and feels valued, included, and empowered to bring their best in service to Canada every day. <https://t.co/rGsXkJa0Ck> <https://t.co/wql76UhppY>" /

Op IMPACT @JTF\_FOI\_Impact 12 Jun tweeted (<https://twitter.com/RCAFOperations/status/1536018825497522178>): JTF-I/TF-C's Air Task Force supports the transfer of personnel and cargo throughout the Joint Operations Area in support of #OpIMPACT.

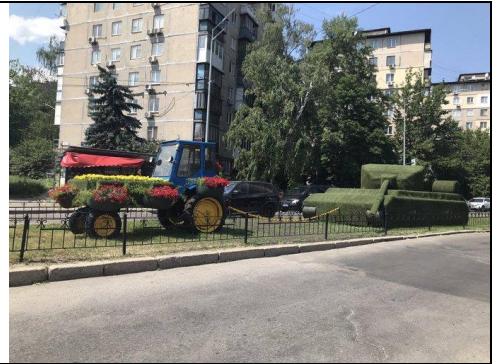
*This is one of those tweets that through its use of initialisms and military terminology, and lack of use of links, lost out on so many opportunities to make a message. Especially to a general public audience.*



### Defiance in Green

Melinda Simmons @MelSimmonsFCDO 12 Jun tweeted: You have to hand it to #Kyiv city. They've taken wartime topiary humour to a new level

*The Ukrainians are teaching others a lot about using humour as a weapon.*



### Posted on Facebook Royal United Services Institute of Nova Scotia:

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

### When Canada's military didn't suck

<https://nationalpost.com/news/when-canadas-military-didnt-suck>

It has long been evident in history - if you want to be at and heard at the international relations table, have a capable military.



### From Freeze to Seize: Creativity and Nuance is Needed

<https://rusi.org/explore-our-research/publications/commentary/freeze-seize-creativity-and-nuance-needed>

"... Canada dusted off a previous proposal (New bill proposes seizing sanctioned Russian assets to rebuild Ukraine <https://globalnews.ca/news/8782346/canada-new-bill-russian-assets-ukraine-war/>) aimed at allowing Canadian courts 'to take the frozen assets of foreign officials whose mis-rule creates forced displacement and other humanitarian needs'. The Frozen Assets Repurposing Act (<https://www.parl.ca/DocumentViewer/en/44-1/bill/S-217/first-reading>), originally drafted with the primary purpose of assisting the humanitarian needs of those forcibly displaced, essentially foresees



new powers to seize and sell assets of sanctioned Russian oligarchs while repurposing the proceeds to rebuild Ukraine."

Economic warfare by Canada. Good move.

### **Rearming the British Army**

<https://rusi.org/explore-our-research/publications/commentary/rearming-british-army>

"... the procurement of new equipment in the autumn should prioritise those capabilities whose long-term utility is beyond doubt."



Considerations for Canada, too, as it looks to rebuild (build?) stocks of equipment, munitions, etc., as a result of lessons from the Ukraine Russia War. Lessons which should be heeded.

### **Russia is "Weaponizing" Supply Chains for Leverage in Negotiations**

<https://maritime-executive.com/article/russia-is-weaponizing-supply-chains-for-leverage-in-negotiations>

Russia is waging economic warfare with the West. Is Canada making an integrated effort in response? Are our government departments collaborating in their assessments and initiatives? Maybe not an Economic Warfare Committee of cabinet (and the term 'economic warfare' has a lot of baggage to it for some people), but some high level body should be ensuring that all aspects are being considered. How vulnerable is Canada? Where are its critical dependencies? How does material move to and from this country and who is securing those? And, maybe most importantly, who is talking to the Canadian public on behalf of the country about what's going on?



### **A new quadcopter drone can be launched from a submarine**

<https://interestingengineering.com/new-quadcopter-drone-launched-from-submarine>

"... after the encapsulated drone is launched from the submerged platform, it can lay dormant at the surface for up to 24 hours ..."



Leaving an uncrewed aerial vehicle (UAV) to fly later is nifty, retains somewhat a submarine's covertness.

There have been submarine aircraft carriers in the past but there were limitations to them, especially in the number of aircraft carried. A submarine with the capability of employing multiple UAV is a significant development.

## Un-crewed Underwater Technologies in the Arctic

<https://wavellroom.com/2021/07/28/uncrewed-underwater-vehicles-artic/>

Canada has been employing uncrewed underwater vehicles (UUV) in the Arctic for decades. In 1996 the Defence Research and Development Canada Theseus UUV was used to lay cable on the Arctic seafloor. See the 2019 presentation by Dr Garry Heard to RUSI(NS) at <https://rusi-ns.ca/arctic-research-development/>.



## The Future of U.S. Security Depends on Owning the ‘Gray Zone.’ Biden Must Get It Right.

<https://tinyurl.com/58ybbynf>

"... gray-zone conflict is a whole-of-nation problem, and <insert your country's name here> ability to prevail will hinge on coordinating and executing a whole-of-nation response."



## Liberals mull giving Irving an extra \$300 million to build warships

<https://ottawacitizen.com/news/national/defence-watch/liberals-mull-giving-irving-an-extra-300-million-to-build-warships>

Not evident in reporting is what is it in the shipyard infrastructure that needs to be changed (with new funding)? Probably a rhetorical question at this time, as it is likely government and Irving are not ready to detail, and the media have been unable to obtain comments. But something that may help public understanding of the situation.

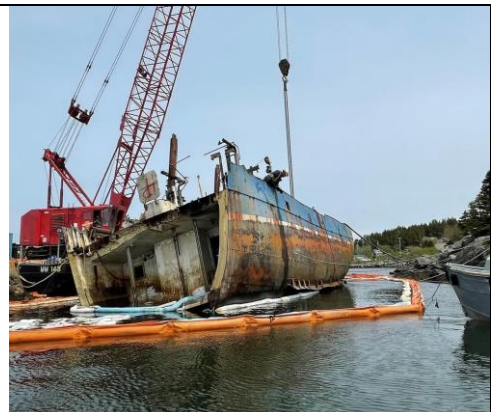


## Ship breaking work in Newfoundland draws on the history of the town's steel industry

<https://eminetracanada.com/ship-breaking-work-in-newfoundland-draws-on-the-history-of-the-towns-steel-industry/556865/>

Leads one to wonder how much work is involved in setting up a site to break ships. Probably availability of people is one of the most important aspects.

Hopefully this facilitates Canadian Coast Guard's disposing of vessels under the Wrecked, Abandoned or Hazardous Vessels Act.



## Minister Anand Announces Further Military Aid for Ukraine

<https://www.canada.ca/en/department-national-defence/news/2022/05/defence-minister-anita-anand-announces-additional-military-aid-for-ukraine.html>

"...Canada will provide to Ukraine 10 replacement barrels to enable the sustainment of M777 howitzer artillery guns." "...it complements Canada's previous donation of M777 howitzers, over 20,000 rounds of compatible artillery ammunition, and the Canadian Armed Forces' training of Ukrainian Forces..."

Providing equipment as aid is of little use unless backed up with supplies and training. Bullets win battles, logistics win wars.



## F-35 contracts should benefit Canadians

<https://nationalpost.com/opinion/peter-mackay-f-35-contracts-should-benefit-canadians>

"Now that we are finally fully committed to purchase the F-35, Canada needs to notify the U.S. that we will have our own sustainment centre and run our own training, protecting our sovereignty and helping to bring Canada's defence aerospace sector into the F-35 supply chain."



## Is Russia Exploiting a Gap in the Montreux Convention?

<https://www.lawfareblog.com/russia-exploiting-gap-montreux-convention>

"If Russia can leverage the convention's merchant 'exception' in Article 4 to create a wartime SLOC (sea lanes of communication - trade routes), then nonbelligerents could undertake similar actions to aid the Ukrainian defense effort without running afoul of the convention."



## San Antonio Class Could Be Motherships For Undersea Drones With New System

<https://www.thedrive.com/the-war-zone/san-antonio-class-could-be-motherships-for-undersea-drones-with-new-system>

Industry has performed a launch and recovery demonstration of a large-diameter unmanned undersea vehicle (LDUUV) with a prototype portable drydock-like platform operated from a US Navy landing ship with a well deck. Might further





development of this technology lead to a capability of operating LDUUV and other large UUV from a variety of naval auxiliary and civil ships? That could be a considerable enhancement for the Royal Canadian Navy and other Canadian federal marine fleets. It may be that large UUV are what Canada need employ in its Arctic in lieu of crew submarines.

### **Other Sources:**

#### **#Arctic**

The U.S. Risks Arctic Irrelevance

<https://thestrategybridge.org/the-bridge/2022/6/8/the-us-risks-arctic-irrelevance>

#### **#Canadian Armed Forces**

Independent External Comprehensive Review

<https://www.canada.ca/en/department-national-defence/campaigns/conduct-and-culture/independent-external-comprehensive-review.html>

The CAF Needs a Digital Insurgency

<https://defence.frontline.online/article/2022/1/19077-The-CAF-Needs-a-Digital-Insurgency>

Steward occupation in the Royal Canadian Navy to be eliminated

<https://www.canada.ca/en/department-national-defence/maple-leaf/rcn/2022/06/steward-occupation-in-the-royal-canadian-navy-to-be-eliminated.html>

#### **#cyber operations**

Grow, Borrow, Recruit, and Reorganize: How the Military Can Get the Personnel it Needs for Digital War

<https://mwi.usma.edu/grow-borrow-recruit-and-reorganize-how-the-military-can-get-the-personnel-it-needs-for-digital-war/>

#### **#defence policy**

Canada needs to increase defence spending by \$75.3B to meet NATO requirements: PBO

<https://nationalpost.com/news/canada-needs-to-increase-defence-spending-by-75-3b-to-meet-nato-requirements-pbo>

#### **#information operations**

Virtual War – Information Supremacy on the Virtual Battlefield

<https://wavellroom.com/2019/10/29/virtual-war-information-supremacy-on-the-virtual-battlefield/>

#### **#intelligence**

The Future of Open Source Intelligence for UK National Security

<https://rusi.org/explore-our-research/publications/occasional-papers/future-open-source-intelligence-uk-national-security>

#### **#Indo-Pacific #drones**

CCP Leaked Invasion Plans for Taiwan and the South China Sea: The Threat of Unmanned Warfare

<https://www.jewishpolicycenter.org/2022/06/16/ccp-leaked-invasion-plans-for-taiwan-and-the-south-china-sea-the-threat-of-unmanned-warfare/>

## **#lawfare**

'International waters' merely a unilateral colloquial term used by US Navy: experts

<https://www.globaltimes.cn/page/202206/1268223.shtml>

*Above is a Chinese perspective. For US perspectives:*

China Alarms US with Private Warnings to Avoid Taiwan Strait

<https://www.bloomberg.com/news/articles/2022-06-12/china-alarms-us-with-new-private-warnings-to-avoid-taiwan-strait>

*and*

U.S. rebuffs China by calling Taiwan Strait an international waterway

<https://www.reuters.com/world/china/us-rebuffs-china-by-calling-taiwan-strait-an-international-waterway-2022-06-15/>

## **#New Zealand**

Establishing an Independent Inspector-General of Defence

<https://www.defence.govt.nz/the-latest/story/establishing-an-independent-inspector-general-of-defence>

*Interesting action by New Zealand. Note the functions of the IGD.*

## **#Russia**

Dvornikov's Reforms: Tactical Training in the Southern Military District

<https://rusi.org/explore-our-research/publications/commentary/dvornikovs-reforms-tactical-training-southern-military-district>

Understanding Russia's Great Games: From Zapad 2013 to Zapad 2021

<https://rusi.org/explore-our-research/publications/commentary/understanding-russias-great-games-zapad-2013-zapad-2021>

## **#space**

New Satellite Blues and the war in Ukraine – is the UK ready to capitalize on commercial satellite imagery?

<https://wavellroom.com/2022/05/20/new-satellite-blues-and-the-war-in-ukraine-is-the-uk-ready-to-capitalize-on-commercial-satellite-imagery/>

## **Ukraine Russia War**

Why Russia's 'Underperforming' Military Is Still Making Gains In Ukraine

<https://www.rferl.org/a/ukraine-russian-underperforming-military-standish-interview/31891133.html>

The Fight to Survive Russia's Onslaught in Eastern Ukraine

<https://www.newyorker.com/news/dispatch/the-fight-to-survive-russias-onslaught-in-eastern-ukraine>

"The war has become, as one Ukrainian soldier put it, a game of "artillery Ping-Pong."

Why War Fails

<https://www.foreignaffairs.com/articles/russian-federation/2022-06-14/ukraine-war-russia-why-fails>

What If Ukraine Wins?

<https://www.foreignaffairs.com/articles/ukraine/2022-06-06/what-if-ukraine-wins>

On day 112 (16 Jun 22) since the Russian invasion of Ukraine, an examination from MGen (ret'd) Ryan of the Battle of the Luhansk Pocket, and the political, operational and tactical considerations involved.

<https://threadreaderapp.com/thread/1537193785914175488.html>

#### **#armour**

Lessons from Ukraine could help shape Europe's new tank — if there is one

<https://www.defensenews.com/global/europe/2022/06/13/lessons-from-ukraine-could-help-shape-europes-new-tank-if-there-is-one/>

#### **#drones**

Silence, Starvation and Savagery: Countering Putin's Brutal One-Two-Three Wavell Room

<https://wavellroom.com/2022/04/23/drones-can-provide-vital-edge-to-defeat-putin/>

#### **#cyber operations**

Calling time on cyber war

<https://wavellroom.com/2022/06/10/calling-time-on-cyber-war/>

#### **#food security**

Spotlight on Damage to Ukraine's Farms amid the Russia-Ukraine War

<https://www.csis.org/analysis/spotlight-damage-ukraines-farms-amid-russia-ukraine-war>

Spotlight on Damage to Ukraine's Agricultural Infrastructure since Russia's Invasion

<https://www.csis.org/analysis/spotlight-damage-ukraines-agricultural-infrastructure-russias-invasion>

#### **#information operations**

Putin's Jedi Mind Trick in Ukraine: How Truth Decay Shapes the Operational Environment

<https://thestrategybridge.org/the-bridge/2022/6/9/putins-jedi-mind-trick-in-ukraine-how-truth-decay-shapes-the-operational-environment>

Disinformation and Russia-Ukrainian War on Canadian Social Media

<https://www.policyschool.ca/wp-content/uploads/2022/06/Briefing.DisinfoRussiaUkrWar.pdf>

How US military aids Ukraine with information, not just weaponry

<https://www.csmonitor.com/USA/Military/2022/0613/How-US-military-aids-Ukraine-with-information-not-just-weaponry>

*The utility of pre-bunking as an information operation tactic. Even when done by public affairs.*

#### **#sanctions**

Canada Border Services Agency and U.S. Department of Commerce renew focus on keeping sensitive technologies and goods out of Russian hands

<https://www.canada.ca/en/border-services-agency/news/2022/06/canada-border-services-agency-and-us-department-of-commerce-renew-focus-on-keeping-sensitive-technologies-and-goods-out-of-russian-hands.html>

**#nuclear**

War's Far-Reaching Effects

<https://capebretonspectator.com/2022/06/01/ukraine-war-famine-global-south/>

**#United States**

The War in Ukraine Has Exposed a Critical American Vulnerability

<https://www.theatlantic.com/ideas/archive/2022/06/us-supply-chain-semiconductor-production-economic-warfare/661267/>

"Shoring up the nation's supply chain is the single greatest challenge to the national defense." *Canada, too!*

The Army Risks Reasoning Backwards in Analyzing Ukraine

<https://warontherocks.com/2022/06/the-army-risks-reasoning-backwards-in-analyzing-ukraine/>

**#war**

War Transformed: A Review

<https://cove.army.gov.au/article/war-transformed-review>

**#warfare**

Why Urban Warfare is the Hardest Type of Warfare

<https://mwi.usma.edu/why-urban-warfare-is-the-hardest-type-of-warfare/>

*Evident in Ukraine.*

How to Keep Changing an Army

<https://www.armyupress.army.mil/Journals/Military-Review/English-Edition-Archives/May-June-2022/Orsini/>

Artificial Intelligence and the Urban Battle

<https://wavellroom.com/2021/09/07/artificial-intelligence-and-the-urban-battle/>

Russia's invasion could return focus on armor and artillery, away from AI and robotics

<https://www.defensenews.com/digital-show-dailies/eurosatory/2022/06/14/russias-invasion-could-return-focus-on-armor-and-artillery-away-from-ai-and-robotics/>

**#armour**

The Russian invasion has clear implications for the US Army

<https://www.defensenews.com/opinion/commentary/2022/06/10/the-russian-invasion-has-clear-implications-for-the-us-army/>

**#weapons**

GAO's 2022 Weapons Systems Annual Assessment

<https://news.usni.org/2022/06/09/gaos-2022-weapons-systems-annual-assessment>

## Other:

### **Security Affairs Committee Synopsis**

#### **O Canada**

It is clear Canada will do something toward rebuilding the military, although it seems we are doing too little too late especially in the North. The rebuilding of NORAD is a good start as well is the purchase of new fighter aircraft and the updating of the North Warning System (NWS). The real issue is whether this government will also address the increasing challenge of ballistic missiles and hyper-velocity missiles as well as continued efforts against air breathing weapons systems such as manned bombers and cruise missiles. This would require a major change in foreign policy including getting rid of the idea that missile defence is bad. It already exists, we merely have to acknowledge that fact officially. Change would provide us a seat at the table, better to be able to discuss issues, rather than be excluded as we have in the past.

The other issue is Our Foreign Minister's comments following the very beneficial agreement between Denmark and Canada over Hans Island in between Ellesmere Island and Greenland. The signing ceremony provided a platform in which she said "we cannot fall into the trap of militarization of the Arctic." She said the other seven members of the Arctic Council are in agreement and provide a "united front" on Arctic matters and that all seven are members or soon will be members of NATO and that they (NATO members) have a better way. I am quite sure Neville Chamberlain also had such hopes but those hopes were dashed upon the rocks of reality. Russia, the US and others have already militarized the Arctic. Russia has opened fourteen military bases along the North East Passage (NEP) and is planning the creation of a new Arctic Fleet. The US has re-established the 11th Airborne Division in Alaska, and Norway is reinforcing its north with the most modern fighter and surveillance aircraft available as well as increasing army forces there. To deny this militarization speaks to a lack of understanding of the situation - whilst the agreement between Canada and Denmark is applaudable, one should deplore the lack of situational awareness.

There is increasing concern amongst the Canadian business community that Canada is missing out on being part of the Indo-Pacific Economic Framework being organized by the US. Although Canada is part of the Comprehensive and Progressive Trans-Pacific Partnership (CPTPP) which is a major trade program, the new "Framework" would include the US and several countries not included in that program. The US is thought to be avoiding the term free trade as being not acceptable to the American public. Canada's exclusion or lack of interest is considered a problem by our own business community. Action of some sort is necessary by the Canadian government or at least they should give an explanation why there is no Canadian interest.

The Emergencies Measure Act was used to clear Ottawa streets. Public Safety Minister Marco Mendicino said that "the government acted on the advice of non-partisan professional law enforcement" before the government took action. The Prime Minister didn't help when he suggested that it was necessary to stop the actions taken at the border crossings preventing cross border trade. Keep in mind these other blockades were already being eliminated by local authorities before the act was declared and that the only demonstration left was in Ottawa. The Emergencies Measures Act was never contemplated for use against a relatively peaceful demonstration. It clearly attacks civil liberties and is capable of great misuse by an unscrupulous government. Make no mistake, the demonstration was a problem and their cause somewhat questionable (if one could find one cause) for local law enforcement. It did not require the Emergencies Measures Act to be invoked. It is not a good look for a government.

## Russia - Ukraine

The Putin regime has re-located Alexei Navalny from his current prison east of Moscow to a known penal prison at Melekhovo, 155 kms east of Moscow, according to an article in the New York Post. According to the Moscow Time's article which quotes Navalny's lawyer, Olga Mikhailova stated that Navalny has been transferred to a penal colony with a much harsher regime after the judge increased his sentence and remanded him to a maximum security prison. The Putin regime is noted for its actions against major opposition leaders such as Navalny and Vladimir Kara-Murza who is also expected to receive a lengthy sentence after a show trial. The regime is not likely to treat either man well. The regime is not likely to care about current world opinion at this point.

Pope Francis has blamed NATO to a certain extent, explaining that Russia was "perhaps somehow provoked" and that NATO was barking at the gates of Russia, all of which boggles the mind. No country joins NATO unless it truly wants to - the Putin regime has caused even long term neutral countries to consider joining the alliance. Russia has become predatory and has been noted for its almost total lack consideration of the laws of war. Russia has been constantly involved in war and destabilization efforts in Chechnya, Georgia, Syria, Libya and Ukraine. The Pope should know better and condemn whole heartedly the actions of the criminal Putin regime. Russian war crimes keep coming to light; there are somewhere around 1400 being considered in the Kyiv area alone and are being documented by the International Criminal Court.

The war itself has reached a new pinnacle as Russia continues its attack in the east around Severdonetsk. Most of the city is now in Russian hands. The fighting has been street by street and the city subjected to murderous bombardments. Most of the population has now fled but some remain in the ruins. Russian troops continue to move around in an attempt to seal off Ukrainian forces. Ukrainian forces are found mainly around the industrial section of the city. It is widely expected that the city will fall shortly. What is unknown is whether Ukrainian forces will be able to withdraw intact to new positions.

Ukrainian forces, however, are making headway in the south towards the city of Kherson, with some sources suggesting in unconfirmed reports that Ukrainian forces are only ten kms away from the city. The Russian occupation forces are widely despised and may use increasing force to maintain control of the city. Kherson was the only major centre to be taken early in the war. The population was restive, forcing occupation forces to take increasingly harsh measures. A Ukrainian victory here would have a major impact particularly if Russian forces are split in two and unable to receive support from the Crimea. Russian citizens in Crimea have left as a precaution.

The Donetsk Peoples' Republic has lost over half its troops including several regiments that have simply refused to fight due to a lack of equipment. This is also unconfirmed but several YouTube videos do appear to show the units refusing to fight. Relations between the armies of the two self-declared republics and Russian forces have been less than happy with the locals stating that Russian leadership is not providing the necessary training, equipment or ammunition, and is using them as cannon fodder. Russia does have the necessary manpower to force the issue if they mobilize but casualties especially within the infantry have been high. Russia has used artillery and rocket fire to soften the way ahead, usually at the expense of infrastructure and civilians. Russian actions seem to be antagonizing its 'supporters' as well as the Ukrainian population. Still, Russia continues to advance.

Russia's Black Sea fleet has been less than spectacular as new longer range surface-to-surface missiles are being used by Ukraine. The ability of this fleet to impact land fighting continues to diminish. Russia does continue to conduct a de facto blockade of the Ukrainian ports despite its losses. Russia suggested that the increasing likelihood of a world food shortage is strictly caused by Ukrainian mines.

Russia has disingenuously offered to allow ships carrying Ukrainian food supplies to travel freely if Ukraine would only clear their mines in front of their ports. Unfortunately Russian declarations have often proven false and Ukraine has great cause not to take the Putin regime's assurances at face value. A NATO escort for the ships might be the answer from Ukraine's point of view.

This war has turned into a brutal war of attrition with both sides taking massive losses in men, vehicles and equipment. Allies of Ukraine have estimated that around 80k have been killed, captured or have been wounded. Russian casualties are expected to be in the neighbourhood of 10 k plus. Actual numbers are difficult to gather, and although Ukraine does give its own estimate of casualties Russia seldom does. Russia has hidden its losses to the point of even retrieving the bodies of fallen troops.

Attritional warfare is seldom taught in staff colleges, they preferring to teach maneuver warfare. Attrition means other issues such as mobilization, abbreviated training cycles, large scale replacement of equipment, logistics chains from factory to the unit in a combat zone, medical facilities in theatre and at home, long term veterans' support, the information campaign both for home consumption and to allies as well as information operations against the enemy. Canada in particular has taken an almost bizarre approach, choosing the ostrich technique of ignoring a growing menace. At this rate Canada will fail its allies and our own citizens.

In regard to Russia and the Putin regime, it is increasingly apparent that anything less than removal of the current Russian regime will not end the problem. There will be new problems, but the continued existence of the Putin regime will just prolong the agony of Russia's neighbours. As pointed out earlier, Russia has attacked many of its neighbours and continues to occupy parts of their countries. Appeasing Putin is the last thing that should be considered.

## **China**

China continues its Zero Covid policy despite understanding the increased infection rate of the omicron variant of the Covid virus. It has been pointed out that the testing regime is a huge industry in its own right, employing well over a million testers. The cost of testing is also incredible as well, costing the equivalent billions of US dollars. It has become a self-licking ice-cream cone in that if it is too successful the 'industry' collapses but continuation of testing during the age of omicron allows for the industry to continue with the support of the central government. More importantly, officials seeking higher office can compete for influence through a more stringent regime of testing at present. Several dozen cities including Shanghai and Beijing are in lock down or the next best thing. Continuation of zero Covid policies are increasingly unpopular throughout China. No change is expected until Xi achieves becoming the first president in recent times to gain a third term.

The Covid policy also had another effect. People stopped buying things including houses and cars. While locked down people did not move, they tended to 'hunker down' and save their money, thus the internal economy suffered. Covid and lockdowns also effected the international trade first by cutting orders but also causing other nations to look at alternatives to China. Foreign capital fled the country and there was little new investment. The Chinese government in turn created a massive stimulus package focusing on the usual go to action, infrastructure development. The problem is that this will only be a short term solution and is judged by many economists inside and outside China to be unsustainable. The market system is being ravaged by constant lock down and start up. In Canada we saw some of the disruptive nature of lockdowns but imagine it being more harshly enforced including confinement to one's apartment coupled with a much longer period of time where one can't even go out in the garden or equivalent. As we saw with many small business owners, there were long periods with no business, no cash flows, etc. - many went under with their entire family savings.

Property management has also suffered due to excessive development of high cost properties. Quite simply home or apartment ownership became unaffordable, leaving huge inventories of high priced infrastructure. Local governments forced companies to maintain prices as to allow lower prices would impact many current homeowners and essentially destroy their family wealth as they now hold an expensive mortgage on a house that no longer covers the cost. Many folks simply walk away. It is possible that we will see this type of event in Canada as the interest rates climb and people are unable to afford the increase in costs as well as accept the loss in the home's value. The bottom line is that the Chinese economy is on the rocks mainly due to the incompetence of the Communist Chinese Party.

The Indian press gave an interesting overview of China's newest aircraft carrier. The ship, now tentatively identified as being named JIANGSU, is due to be floated out sometime this late fall. The ship is the third carrier and again is likely to be a one-of ship, as the fourth carrier will likely be nuclear. JIANGSU is conventionally powered and will be approximately 30m long and about 40m wide and running in the range of 80 to 85 ktons. Aircraft complement will be around 70 aircraft including the J-15, the FC-31, the Xi 'an, and XJ-600 AEW aircraft as well as locally manufactured helicopters. Future carriers are expected to be nuclear powered and could number up to four.

Big news was a result of activity at the Shangri-La Conference held in Singapore this past week as reported in the Washington Examiner. The US Defence Secretary Lloyd Austin and Chinese Defence Minister, Wei Fenghe, met face to face. Both sides declared the meeting as "professional and focused" but long term differences remain over the 'One China Policy.' The US Defence Secretary stated: "Our policy is unchanged and unwavering." "We remain firmly committed to our long-standing one-China policy ... We categorically oppose any unilateral changes to the status quo from either side. We do not support Taiwan independence." He went on to say, "Now, as a part of our one-China policy, we will continue to fulfill our commitments under the Taiwan Relations Act. That includes assisting Taiwan in maintaining a sufficient self-defense capability" "And it means maintaining our own capacity to resist any use of force or other forms of coercion that would jeopardize the security or the social or economic system of the people of Taiwan." It was a forceful statement, however, the Chinese had their own view.

Minister Wei Fenghe commented that "Taiwan was an internal affair of China." He also went on to say "Let me make this clear, if anyone dares to secede Taiwan from China, we will not hesitate to fight. We will fight at all costs, and we will fight to the very end. This is the only choice for China." It does not seem that there is likely to be any agreement soon on this issue. One surprising agreement did occur that the two nations would maintain communications to avoid any future confrontation. There is little doubt that most Taiwanese consider themselves Taiwanese ad not Chinese. Taiwan is a liberal democracy that fought hard to achieve this goal. They are unlikely to acquiesce to joining a murderous authoritarian regime. The CCP must be made aware that any reunification would entail sacrifice including from the Chinese. Maybe the real answer is that the CCP disbands at that China is unified under a new democratic system that too would lead to a unified China.

In this regard, Canada too should make it clear to all parties that reunification of Taiwan to China by force would result in a negative reaction by Canada. Any reunification must be by mutual consent of the Taiwanese people.



## International Relations

Canada and Denmark reach settlement over disputed Arctic island, sources say

<https://www.theglobeandmail.com/politics/article-canada-and-denmark-reach-settlement-over-disputed-arctic-island/>

“When Danish military go there, they leave a bottle of schnapps. And when [Canadian] forces come there, they leave a bottle of Canadian Club and a sign saying, ‘Welcome to Canada.’”

< sigh > One of the best memes in international relations (“Hans Island and the Whiskey War – this is how civilized nations fight”) becomes a historical reference rather than current affairs. (The image to right is dated. And this new Canadian border with the EU is less than 1 km long.)



Canada and Denmark still cannot divide the small Hans Island. The so-called Whiskey War is being waged on the island. Every few months, the Canadian troops arrive there, plant their flag on the island, consume the supply of strong drinks left by the enemy on the island, celebrate the capture of the island, and depart with victory. After a while, the Danish troops land on the island, set up their flag, drink the booze left by the Canadians, declare the island their own, and sail away.

Timothy Choi 14 Jun on Twitter: "The final whiskey exchange. (Details remain as to the specific bottles involved) <https://t.co/OSmWRpctqD>"

*Note the two bottles being exchanged. The ‘Whiskey War’ for Hans Island (Inuit: Tartupaluk) is appropriately ended!*

*Apparently the Danish bottle was ‘Gammel Dansk’ bitter dram.*



## Tartupaluk (English: Hans Island)

Rob Huebert provides a more sober assessment (sorry about that) at:

Denmark's gunboat diplomacy over Hans Island a warning for future Arctic conflicts

<https://nationalpost.com/opinion/rob-huebert-denmarks-gunboat-diplomacy-over-hans-island-a-warning-for-future-arctic-conflicts>

## Ship-to-Shore Connector

Navy Accepts Delivery of Ship-to-Shore Connector LCAC 104

<https://seapowermagazine.org/navy-accepts-delivery-of-ship-to-shore-connector-lcac-104/>

There is a Canadian Ship-to-Shore Connector (SCC) (sic, singular) project to provide four powered barges for the Joint Support Ship project ships. Like many project titles, the SSC title is general – the actual vessels to be delivered (first one

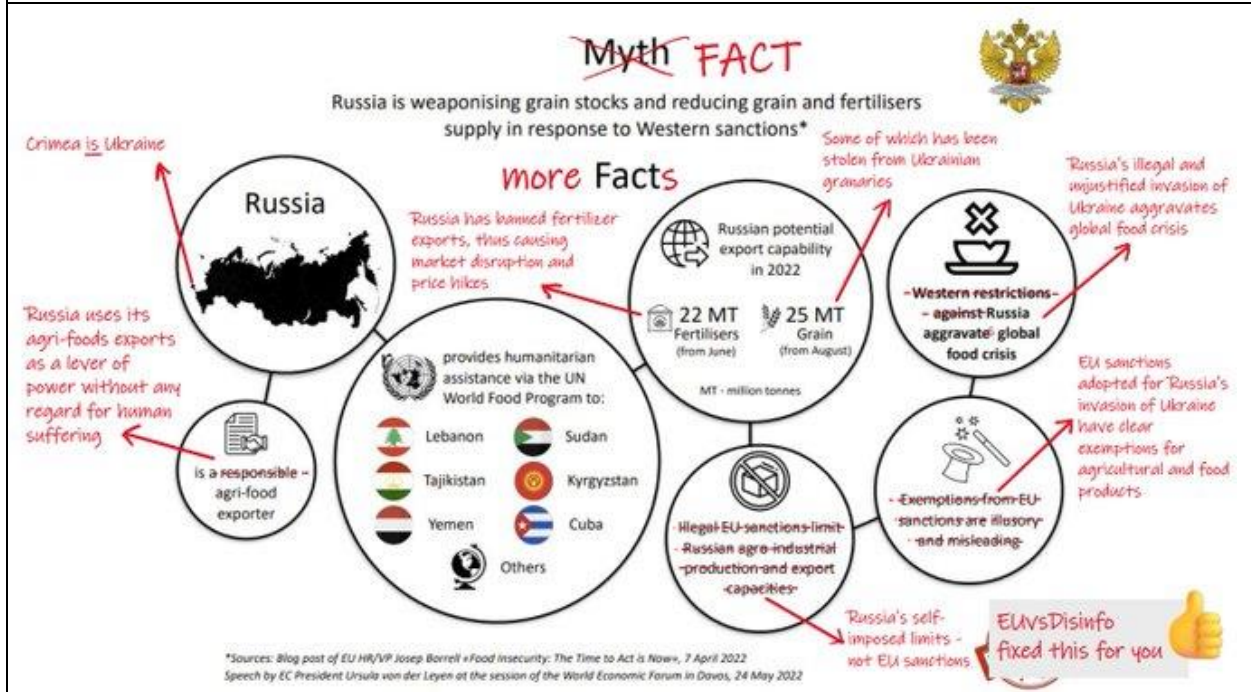


has been), the powered barges, are just one type of a variety of ship-to-shore connectors that includes classic landing craft, hovercraft (LCAC), helicopters, piers and other equipment. The term SSC should not be used to describe the four barges that the RCN is receiving. This article makes that clear.

See: Ship-to-Shore Connector Barges <https://rusi-ns.ca/ship-to-shore-connector>

### Information Operations

EUvsDisinfo @EUvsDisinfo tweeted 10 Jun: We noticed many errors in your recent infographic, @mfa\_russia. Here, we fixed it for you. #StandWithUkraine #DebunkingFakes #DontBeDeceived



### Message Failure!

Russia's most potent submarine base is decorated with large painting of U.S attack sub  
<https://thebarentsobserver.com/en/security/2022/06/russias-most-potent-submarine-base-decorated-large-painting-us-attack-sub>

*It's not just imagery in news articles that select the wrong image and thereby send the wrong message.*





**ROCKY MOUNTAIN**  
Conference on Security and Defence

RAUSI presents Dr Christopher P Ankersen

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Wednesday, 22 June 2022, 19:00 (Mountain) via Zoom

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