



Royal United Services Institute of Nova Scotia

Dispatches

8 Apr 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. 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).

Dispatches

Sanchez King has volunteered to edit the 8, 15 and 22 April editions of *Dispatches*. He will need material to include in the editions. RUSI(NS) members, really anyone receiving our bulletin, is asked to contribute content, preferably with value-added comments, that can be posted to our social media or directly into *Dispatches*. Please email them to RUSINSDispatches@gmail.com.

The Watch Survey

NORAD & USNORTHCOM *The Watch* magazine (<https://thewatch-magazine.com/>) is looking to expand the way it communicates with the audience/readership through social media. Our colleagues at *The Watch* ask readers of *Dispatches* to take a one-question survey: https://www.surveymonkey.com/r/Social_Media_RFI

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

8 April, Friday - Department of National Defence Mobilizing Insights in Defence and Security program and Queen's University Network for Strategic Analysis webinar "Ready, Engaged and Informed: Canada and the Role of Intelligence in Addressing Emerging Threats and Challenges." 0845-1715 EDT. Hybrid event (with Zoom). See: <https://ras-nsa.ca/event/ready-engaged-and-informed/> and <https://cfc-ca.libguides.com/c.php?g=709488&p=5097594&preview=8d01d4c58cd1fa4b02bc759f34e935be>

New: 28 April, Thursday - Royal Alberta United Services Institute presentation "Disinformation Campaigns as Force Multipliers in Armed Conflict" by BGen Gregory Mitchell, CA (ret'd). 1900 Mountain time. Via Zoom. See: <https://rausi.ca/info-events/rmcisd/510-disinformation-campaigns-as-force-multipliers-in-armed-conflict>. To register: <https://us02web.zoom.us/meeting/register/tZMlf-CppzkrGdVG1VBohqUkzI6qxurOy7cj>.

25 May, Wednesday – RUSI(NS) Distinguished Speaker Colonel (retired) John Boileau on “No. 2 Construction Battalion: A Short History & an Apology.” 1300-1500. Halifax Armouries. Note that it is understood the Government of Canada will issue an apology, summer 2022. This will be our first in-person event since we changed to virtual events because of the pandemic. Registration not required. Pre-event reading: No. 2 Construction Battalion: The Operational History <http://www.journal.forces.gc.ca/vol16/no3/page51-eng.asp>

27 April, Wednesday – the RUSI(NS) Distinguished Speakers event on cyber resiliency has been deferred until later in 2022.

22 June, Wednesday – **save the date**. RUSI(NS) Distinguished Speaker TBA.

Publications:

Except where otherwise indicated, publications are available on request to RUSINovaScotia@gmail.com.

RUSI(NS) Presentation “Surveillance of Sea Surface Activities in Atlantic Canada” by Jan-Andrej Skopalik, 16 Mar 22, https://rusi-ns.ca/national_aerial_surveillance_program/

RUSI(NS) Information Note “RCN Ship Pennant Numbers,” 10 March 2022 https://rusi-ns.ca/pennant_numbers/

RUSI(NS) Information Note “Ship-to-Shore Connector Barges,” 28 February 2022, <https://rusi-ns.ca/ship-to-shore-connector/>

RUSI(NS) Presentation “RCAF Strategy: Air and Space in Formation” by Colonel Meghan Setter, 16 February 2022, <https://rusi-ns.ca/rcaf-strategy/>

RUSI(NS) Comments "Can We Stop a Rogue Vessel in the Arctic?" by Pierre Leblanc, 4 February 2022, <https://rusi-ns.ca/rogue-vessel-arctic>

New: Veterans Affairs Canada *Salute!* April 2022. [April 2022 - Salute! - Veterans Affairs Canada](#)

New: Royal Alberta United Services Institute Dispatches, April 2022. <https://rausi.ca/component/acym/archive/115-april-dispatches>

New: United Services Institute of Nanaimo and North Island Newsletter Vol 30 No 04 - April 2022

New: Royal United Services Institute of Victoria (Australia) *Defence Update*, Volume 11, Issue 5, 4 April 2022.

New: Edmonton United Services Institute *President's Enews*, April 2022.

New: RUSI(NS) Comments "What should an enlarged Canadian navy look like?" by Ken Hansen, 6 April 2022, <https://rusi-ns.ca/enlarged-canadian-navy/>

Canadian Marine Industries and Shipbuilding Association *On Watch*, 16 March edition
<https://www.cmisa.ca/cpages/on-watch-current>

Company of Master Mariners of Canada Maritimes Division *Foghorn*, April 2022

Edmonton United Services Institute President's *Enews*, February 2022

Military Institute of Windsor Communiqué, Volume XL, Number 4, April 2022

Royal Alberta United Services Institute *Dispatches*, March 2022
<https://www.rausi.ca/component/acym/archive/109-rausi-dispatches-march-2022>

Royal Canadian Naval Association Admiral Hose Branch *Scuttlebutt*, March 2022

Royal United Services Institute of Vancouver and Vancouver Artillery Association Members *News*, 1 March 2022

Royal United Services Institute of Vancouver Island *Newsletter*, Volume 54, 1st Quarter 2022.

Royal United Services Institute of Victoria (Australia) *Defence Update*, Volume 11, Issue 4, 28 March 2022

Vancouver Artillery Association and Royal United Services Institute Vancouver Members News Mar 15, 2022

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.

Collin Koh @CollinSLKoh 31 Mar tweeted: A good story by Associated Press on illegal, unreported and unregulated fishing worldwide and its ramifications.

<https://twitter.com/CollinSLKoh/status/1509654366826889216>

(Fights over illegal fishing lead to armed conflict, deaths <https://apnews.com/article/business-environment-middle-east-fish-only-on-ap-88e59a1748ba76fdc5847cc7a44e3fa6>)

RUSI(NS) retweeted: Illegal, unreported & unregulated (IUU) fishing is a security threat to CAN, too, likely to increase. Authorities, response agencies & Cdn people need to appreciate, plan & resource response capability.

RUSI(NS) plans a Distinguished Speaker on National Fisheries Intelligence Service later this year.



Brian Mersereau @blmersereau 31 Mar tweeted: De Havilland to manufacture line of firefighting planes in Calgary - The Globe and Mail <https://www.theglobeandmail.com/business/article-de-havilland-to-manufacture-line-of-firefighting-planes-in-calgary/> (Also at: <https://www.cbc.ca/news/canada/calgary/de-havilland-aircraft-calgary-canada-alberta-1.6404371>) RUSI(NS) retweeted: RUSI(NS) Paper "The RCAF and Canada Need a Bomber Squadron – A Large Water Bomber Squadron" <https://rusi-ns.ca/water-bomber-squadron/> What is the CAN need for water bombers? Can there be a collaborative effort between gov't depts in procuring, training, maintaining & employing?



ASPI @ASPI_org 1 Apr tweeted and RUSI(NS) retweeted: The early winners and losers in Putin's war | @RichardHaass | <https://www.aspistrategist.org.au/the-early-winners-and-losers-in-putins-war/>



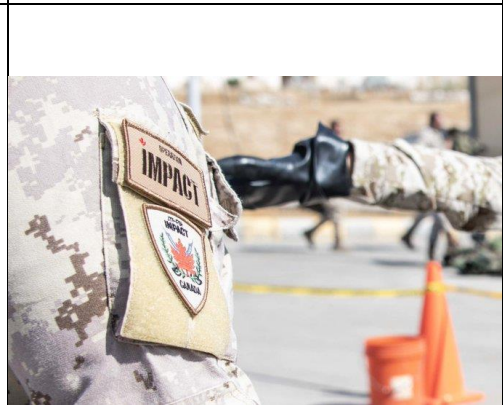
RUSI(NS) retweeted: Kamil Galeev @kamilkazani "I see three plausible scenarios for the Russian future:

1. North Korea
2. Imperial Reboot
3. Jubilee

Since Ukraine is resolved to fight, the choice of a Russian historical track ultimately depends upon the resolve of the West. Today I'll outline the North Korea scenario" <https://twitter.com/kamilkazani/status/1508576670587895810?s=20&t=BsBLnnEe5DwlZ5Y54E4sHg>



Anita Anand @AnitaAnandMP Mar 31 tweeted: Today, we announced the one-year extension of Operation IMPACT, through which Canada will continue to build the conditions for security and stability in the Middle East. Under this mission, several hundred @CanadianForces personnel are deployed to Iraq, Jordan, and Lebanon. RUSI(NS) retweeted: #OpPRESENCE - @CanadianForces "providing training support to peace operations to assist #UN's Engagement Platoon Initiative" <https://www.canada.ca/en/department-national-defence/news/2022/03/canada-renews-two-international-military-missions-supporting-international-security-and-stability.html>



This is topic of RUSI(NS) June 2022 Distinguished Speaker

BCRCMP @BCRCMP 31 Mar tweeted and RUSI(NS) retweeted: Read all about how RCMP officers are learning local indigenous languages to support the ongoing revitalization and preservation of Indigenous Languages. #NationalIndigenousLanguageDay. <https://bc-cb.rcmp-grc.gc.ca/ViewPage.action?languageId=1&siteNodeId=2087&contentId=74052>
(BC RCMP officers learning local indigenous languages)



MARLANT @RCN_MARLANT 4 Aug tweeted: #HMCSHarryDeWolf departs Halifax today for #OpCARIBBE, Canada's contribution to Campaign MARTILLO – the multinational campaign against transnational criminal organizations in the Caribbean Sea and participate in Exercise #TRADEWINDS-22. 🇨🇦🚢
RUSI(NS) retweeted: Regional 'constabulary' patrol. Naval function in which @RoyalCanNavy Harry DeWolf-class #Arctic & Offshore Patrol Vessels can be expected to excel what with their endurance, size (accommodate law enforcement team), helo & #drone capabilities, large boats, comms, sensors



CDA Institute @CDAINstitute 4 Apr tweeted and RUSI(NS) retweeted: The current poor performance of Russia's army has come as a welcome surprise, as has the remarkable success to date of Ukrainian forces. However, future surprises – if we allow them to occur – may be less to the advantage of our democracies.
(The Power of Numbers: The Russian Army and the Invasion of Ukraine)
<https://cdainstitute.ca/charles-davies-the-power-of-numbers-the-russian-army-and-the-invasion-of-ukraine/>






RUSI(NS) Comments by defence analyst Ken Hansen "What should an enlarged Canadian navy look like?" with recommendations for @RoaylCanNavy in a short-medium-long term framework. <https://rusi-ns.ca/enlarged-canadian-navy/> Thinking impending #Budget2022



The Naval Association of Canada @navalassn 6 Apr tweeted: #YourNavyAtWork HMCS Goose Bay and HMCS Moncton are hard at work building capacity with partner navies in Africa. <https://canada.ca/en/department-national-defence/maple-leaf/rcn/2022/04/moncton-goose-bay-west-african-deployment.html>
(From soccer games to sailing: Moncton and Goose Bay proud of West African deployment)
RUSI(NS) retweeted: 'Diplomatic function' of navies. @RoyalCanNavy as a blue-water (globally deployable, long-



<p>endurance) navy contributes to maritime security & stability through helping train people & develop capabilities of smaller navies abroad</p>	
<p>CDA Institute @CDAInstitute 6 Apr tweeted and RUSI(NS) retweeted: "...Defence spending gets a low priority, frequent cutbacks and poor priority setting. In any event, the shortcomings of the procurement process can be shared between politicians, public servants and CF personnel." (Three Ways to Improve Defence Procurement in Canada https://cdainstitute.ca/three-ways-to-improve-defence-procurement-in-canada/)</p>	
<p>RCI-EyeOnTheArctic @eyeontheartctic 6 Apr tweeted and RUSI(NS) retweeted: "We think too much in Canada that NORAD modernization is just about the North Warning System and new fighter jets, but it's much more and much bigger than that." https://www.rcinet.ca/eye-on-the-arctic/2022/04/06/arctic-security-will-canadas-federal-budget-deliver-for-norad/ #Arctic #NORAD #Budget2022 #military #defence #Russia #China (Arctic Security: Will Canada's federal budget deliver for NORAD?)</p>	
<p>Canadian Armed Forces @CanadianForces 7 Apr tweeted: RUSI(NS) retweeted: Good to see short sitreps from @CanadianForces, hopefully will be daily & as news breaks "Canada's response to the Russian invasion of Ukraine" https://international.gc.ca/world-monde/issues_developpement-enjeux_developpement/response_conflict-reponse_conflits/crisis-crisis/ukraine.aspx?lang=eng "Canada's efforts to counter disinformation - Russian invasion of Ukraine" https://international.gc.ca/world-monde/issues_developpement-enjeux_developpement/response_conflict-reponse_conflits/crisis-crisis/ukraine-disinfo-desinfo.aspx?lang=eng</p>	

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.

<p>Announcing a major boost to defence spending, Freeland delivers a wartime speech</p> <p>https://www.cbc.ca/.../federal-budget-defence-freeland...</p> <p>With defence poised to receive another \$8 billion, it's a new era in federal finance</p> <p>"the Liberal government plans to spend an additional \$8 billion at the Department of National Defence over five years. That sum was confirmed on Thursday but the lion's share of the new money — \$6.1</p>	
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billion — appears to be a down-payment on future commitments to continental defence and a reshaped, hardened NATO."

#NotJustPutin: What Happens When the War Ends?

<https://cepa.org/notjustputin-what-happens-when-the-war.../>

Post-conflict measures have to be part of considerations whilst the conflict still rages. Can't arrive at an end-state without really defining what that end-state entails and what are all the measures to undertake.



The early winners and losers in Putin's war

<https://www.aspistrategist.org.au/the-early-winners-and-.../>

"Much will hinge on whether Putin gets away with his gamble, or whether the price he is forced to pay exceeds any gains. That, more than anything else, will determine history's ultimate verdict regarding what was won and what was lost in Putin's war."

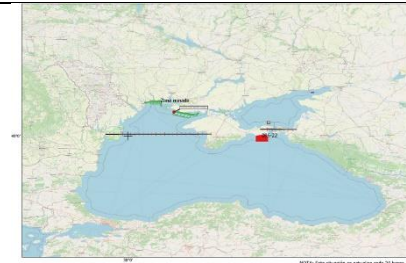


Risk of Collateral Damage in the North Western, Western, and Southwest Black Sea

<https://shipping.nato.int/.../risk-of-collateral-damage...>

"There is a threat of drifting mines in the Northwest, West, and Southwest areas of the Black Sea."

Do non-belligerents really wait until the Ukraine-Russia war is over before undertaking mine clearing action? Mine clearing should not be considered a post-conflict measure. Maybe this is something Turkey can undertake now.



Ukraine is offering Russian troops cash back for military equipment

<https://twitter.com/AlexKhrebet/status/1509952409371619335>

Great information operation action by Ukrainians. Know thy adversary (and use that knowledge to advantage). Morale is at times an underappreciated aspect of measuring a force's strength. I'm sure the Ukrainians will provide the tractor to haul in any Russian equipment offered up for cash.



Manitoba could become Europe's not-so-secret weapon against Russia

<https://winnipeg.sun.com/.../peter-mackay-manitoba-could...>

Developed as a deep-water port with connectivity (rail, road, pipe) to the south, Churchill could and should be a major consideration in any Canadian Arctic Strategy, a strategy which should be focused on infrastructure development in support of the peoples there and of Canadian sovereignty. Efforts in the Arctic should be from multiple perspectives, not just defence or trade or resource development.



Strengthening Military Partnerships Tradewinds 22

<https://www.southcom.mil/.../strengthening-military.../>

"Participation in Exercise TRADEWINDS 2022 enhances the Canadian Armed Forces' ability to operate with key partners, contributes to stability in an evolving security environment, and demonstrates Canada's ongoing commitment to the Latin America and Caribbean region, ..."

For more info, see: <https://www.canada.ca/.../current-operations/list.html> and <https://www.dvidshub.net/feature/Tradewinds2022>



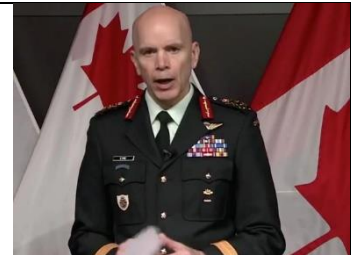
Canada's top general says world is becoming much more dangerous

<https://nationalpost.com/.../canadas-top-general-says...>

"We have to remember that China is watching. China is learning from what is going on"

"Canada's top military officer told Senators the conflict in Ukraine is the beginning of a much more dangerous world for Western nations, one Canada will have to adapt to.

"This event has caused us to face the most dangerous time in the world in what I would argue is generations, and so we have to continue to be prepared for what may come."



The Bucha massacre in Ukraine takes Russia's army to a sloppy and corrupt new low

<https://www.abc.net.au/.../bucha-massacre.../100963418>

Lessons (and there will be so many more):

1. The study of civil-military relations matters.
2. The military is, and must be, a profession.

Note the author, well reputed in the Australian Defence Force.



The Ghost of Kyiv and the Urban Myths of Warfare

<https://news.clearancejobs.com/.../the-ghost-of-kyiv-and.../>

"In the hands of experts, (urban myths) can be used to shape opinions and behaviors, evoke reactions, and even to persuade. Threaded into a narrative, they can underpin a psychological warfare effort..."

Reflections for information operators practitioners, (much) including those creating social media content.



Changing Course? Reconsidering the Education for Seapower Strategy

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

"For education to provide a decisive edge, it needs to be adequately resourced and ... a culture of lifelong learning needs to be inculcated."



A World Remade? Lessons from the Ukraine War

<https://www.geopoliticalmonitor.com/a-world-remade.../>

"Hence, in order to overcome both sophistry and strategic myopy, interpretative models like geopolitics, geoeconomics, political realism, long-range macro-historical analysis and multidisciplinary strategic foresight can be useful."

Strategists and strategy students take note.



Meet NATO defence spending target in budget, says Business Council of Canada

<https://toronto.citynews.ca/.../meet-nato-defence.../>



A Transatlantic Approach to China in the Global Commons

<https://rusi.org/.../transatlantic-approach-china-global...>

"This Whitehall Report explores transatlantic convergences and divergences over the governance of the global commons of the seas and outer space and China's actions within it."



After Bucha, Keep the Munitions Flowing to Ukraine

<https://rusi.org/.../after-bucha-keep-munitions-flowing...>



NATO's Moment

<https://rusi.org/exp.../publications/commentary/natos-moment>

"It is a commitment (to do more to help Ukraine in its time of need) that may need to be sustained for many months, if not years."

No matter how long the actual major fighting lasts, this conflict will affect international relations, the world's economy and so much more for a long time. Are we ready for the long haul?



Ukraine war in maps: Tracking the Russian invasion

<https://www.bbc.com/news/world-europe-60506682>

Tracking war by maps. All maps lie (they are, after all, simple depictions of complex realities), but useful now to explain to the general public the context of the large amounts of imagery that they are seeing via social media and traditional channels.

Comment: There's not much quite like maps to help provide a clearer picture of situations on the ground in conflict zones, and the BBC's coverage is better than most. In the course of this article, the BBC has been sourcing those images from the US-based Institute for the Study of War, which is also providing running daily assessments about the ebb and flow of fighting between defending Ukrainian forces and continuing Russian aggression (<https://www.understandingwar.org/>).



The Wargame Before the War: Russia Attacks Ukraine

<https://warontherocks.com/.../the-wargame-before-the-war.../>

"If this wargame had been played at the Pentagon or the White House in the weeks leading up to the war, no strategist or policymaker would be shocked by any event so far seen in the war,"



Wargames are not predictive in the sense of forecasting outcomes. But they make/let you think. And sometimes you think the right thoughts.

Canada eyes new era of defense spending with boost for NORAD and the North

<https://www.fr24news.com/.../canada-eyes-new-era-of...>

"Russia's invasion of Ukraine, the biggest global security crisis in decades, has prompted Western countries to increase defense spending."



"In the short term, Minister Anand will present a solid package to modernize NORAD and secure our Arctic sovereignty for years to come"

Peter MacKay: Liberal foot-dragging on F35s has cost us dearly

<https://nationalpost.com/.../peter-mackay-liberal-foot...>

"Canada was the last of the original JSF partners to commit to buying the aircraft and that has cost us in many tangible and intangible ways"

...never have so few waited so long to receive so little at a cost of so much.

Comment: Peter MacKay has penned another well-written and reflective piece – admitting that the previous Harper government 'blinked' in the face of earlier criticism and public opinion – about the unnecessarily overly drawn-out acquisition of Canada's next future fighter. 2022, incidentally, will mark the 40th anniversary of Canada receiving the first of an eventual 138 CF-188 Hornets under what was then the New Fighter Acquisition project.



The day after the Ukraine war

<https://thebulletin.org/.../the-day-after-the-ukraine-war/>

War termination is a topic that needs great consideration by state authorities, military leaders, strategists and strategy students. Is there enough study of the topic?



Other Sources:

#Ukraine-Russia War

War Termination and Escalation in Ukraine

<https://mwi.usma.edu/war-termination-and-escalation-in-ukraine/>

Jamming and Cyber Attacks: How Space is Being Targeted in Ukraine

<https://rusi.org/explore-our-research/publications/commentary/jamming-and-cyber-attacks-how-space-being-targeted-ukraine>

China's Balancing Act on the Ukraine War

<https://euvsdisinfo.eu/chinas-balancing-act-on-the-ukraine-war/>

The Ukraine conflict and the problems of conflict termination

<https://defenceindepth.co/2022/04/07/the-ukraine-conflict-and-the-problems-of-conflict-termination/>

#Ukraine-Russia War #law

Turkey, the Montreux Convention, and Russian Navy Transits of the Turkish Straits

<https://www.usni.org/magazines/proceedings/2022/march/turkey-montreux-convention-and-russian-navy-transits-turkish>

#Ukraine-Russia War #logistics

Battle damage repair and ordnance engineering are under-appreciated aspects of logistics.

<https://www.forbes.com/sites/davidaxe/2022/03/30/russia-attacked-ukraines-tank-plant-but-that-wont-stop-the-ukrainians-from-repairing-their-tanks/?fbclid=IwAR0uSDLXTWo53Tq4Rv4VyFjpJYS2uNyTiZZEsU4ki22536bG5Kas52UaK50>

#urban warfare #Ukraine-Russia War

Russia's Ukraine War Shows Challenges of Urban Warfare

<https://foreignpolicy.com/2022/04/04/russia-ukraine-urban-warfare-kyiv-mariupol/>

#Russia

Primer on Sociopolitical and Military Developments in Russia

<https://www.armyupress.army.mil/Special-Topics/World-Hot-Spots/Russia/>

The damage Russia's army does to Russia

<https://financialpost.com/opinion/geoff-russ-the-damage-russias-army-does-to-russia>

Former staff member of the National Security Council presents on Russian Military

Capabilities video: <https://thesimonscenter.org/arnsf/matt-dimmick-presents-on-russian-military-capabilities/>

#wargaming

War Gamers' Handbook

<https://apps.dtic.mil/sti/pdfs/AD1001766.pdf>

War-Gaming Taiwan: When Losing to China Is Winning

<https://foreignpolicy.com/2022/04/03/taiwan-china-war-game-military-planning-strategy/>

#defence policy

Thinking Canada: Canada's Defense Posture in a Dangerous World

<https://www.wilsoncenter.org/publication/thinking-canada-canadas-defense-posture-dangerous-world>

#naval weapons

Report on Navy Laser, Railgun and Gun-Launched Guided Projectile

<https://news.usni.org/2022/04/06/report-on-navy-laser-railgun-and-gun-launched-guided-projectile>

#force development

Tanks and helos: How Ukraine can inform military modernization efforts

<https://www.defensenews.com/opinion/commentary/2022/03/31/tanks-and-helos-how-ukraine-can-inform-military-modernization-efforts/>

#intelligence

The Unrealized Value of Open Source Intelligence for Irregular Warfare

<https://thestrategybridge.org/the-bridge/2018/7/25/the-unrealized-value-of-open-source-intelligence-for-irregular-warfare>

As Russia Plots Its Next Move, an AI Listens to the Chatter

<https://www.wired.com/story/russia-ukraine-war-ai-surveillance/>

#information operations

True or False? The Fight Against Disinformation

<https://mwi.usma.edu/true-or-false-the-fight-against-disinformation/>

#cyber ops

Balancing End-to-End Encryption and Public Safety

<https://rusi.org/explore-our-research/publications/occasional-papers/balancing-end-end-encryption-and-public-safety>

#policing

United Nations Handbook on Gender-Responsive Police Services for Women and Girls Subject to Violence

<https://www.unwomen.org/en/digital-library/publications/2021/01/handbook-gender-responsive-police-services>

#IUU

Survival of the Richest, not the Fittest: How attempts to improve governance impact African small-scale marine fisheries

<https://www.sciencedirect.com/science/article/pii/S0308597X21004589>

Of note, what with a planned Distinguished Speaker presentation later this year on the (Canadian) National Fisheries Intelligence Service. Two RCN Kingston-class ships are just returning from the region, having contributed to maritime security capability building under Operation PROJECTION WEST AFRICA.

#Arctic

Climate Collaborations in the Arctic Are Frozen Amid War

<https://undark.org/2022/04/05/climate-collaborations-in-the-arctic-are-frozen-amid-war/>

The “New” Arctic as a Zone of Peaceful Competition

<https://www.wilsoncenter.org/publication/polar-perspectives-no-11-new-arctic-zone-peaceful-competition>

Time to retool Canada’s Arctic strategy in the face of Russian aggression

<https://www.hilltimes.com/2022/04/06/time-to-retool-canadas-arctic-strategy-in-the-face-of-russian-aggression/354072>

Putin's Actions in Ukraine Are Spilling North

<https://www.rand.org/blog/2022/03/putins-actions-in-ukraine-are-spilling-north.html>

#China

Send Military Aid to Taiwan Now

<https://www.jewishpolicycenter.org/2022/03/24/send-military-aid-to-taiwan-now/>

The CCP’s Military Plan for Taiwan’s Subjugation

https://www.theepochtimes.com/the-ccps-military-plan-for-taiwans-subjugation_4374544.html

#China #strategy

Defending Taiwan in US’ interests

<https://www.taipeitimes.com/News/editorials/archives/2022/03/31/2003775743>

#China #warfare

What Lessons is China Taking from the Ukraine War?

<https://www.defenseone.com/ideas/2022/04/what-lessons-china-taking-ukraine-war/363915/>

#drones

High-Altitude Intelligence

<https://www.airmedandrescue.com/latest/long-read/high-altitude-intelligence>

Meet MAPLE, the brain that will run the UK’s autonomous naval fleet

<https://breakingdefense.com/2022/04/meet-maple-the-brain-that-will-run-the-uks-autonomous-naval-fleet/>

#aviation

Army Aviation – Ready for the Deep? Or out of its Depth?

<https://wavellroom.com/2018/05/24/army-aviation-ready-for-the-deep-or-out-of-its-depth/>

#environment

Climate Emergency and War

<https://www.wilsoncenter.org/blog-post/climate-emergency-and-war>

Other:

NATO Library Acquisitions List March 2022

https://natolibguides.info/ld.php?content_id=10701615

Royal Canadian Navy Your Navy Today - Volume 5 Issue 3

<http://www.navy-marine.forces.gc.ca/en/news-ynt/2022/vol-5-iss-3.page>

Ukraine Weapons Tracker @UAWeapons is an interesting Twitter account to follow, seemingly providing quick post-action assessments.

#Ukraine: An Mi-28N of the Russian Air Force was shot down by a direct hit from a MANPADS over #Luhansk Oblast today. Reportedly, the crew survived.



Mick Ryan is a retired Australian Major General. His tweets are worthy reading.

Mick Ryan, AM @WarintheFuture 31 Mar tweeted (<https://twitter.com/WarintheFuture/status/1509701303391326210>): Five weeks have passed since the beginning of the Russian invasion of #Ukraine. Today I examine what a Russian operational reorientation might look like for Ukraine. 1/25 (Image - @CNN)



Security Affairs Committee Synopsis

O Canada

This week will see the national budget released on Thursday, 7 April 2022. There is supposed to be increased defence spending apparently mainly on NORAD requirements including new fighter aircraft and updating of the North Warning System. It seems surprising to most folks that a large portion of the defence budget is pay and allowances for service members. The other big issue is simply maintaining equipment and infrastructure required to train and protect military assets. The actual amount of money for new equipment has been painfully lacking for years although the Government is saving a considerable amount of money by not recruiting effectively for either the regular forces or reserves and allowing equipment procurement to lapse, all of which ultimately causes unnecessary delays in equipment acquisition.

It is interesting that unlike the other battle groups in the Baltic countries the Canadian Battle group (BG) has no tanks or long-range anti-armour assets. In fact, it seems to be heavily infantry and needing many other NATO countries to flesh out the numbers and capabilities. One can see the vast areas and lapses allowed to occur from lack of funding. There does seem to be some hope as both the new Defence Minister and Foreign affairs Ministers seem to have taken in the lessons. Canada needs to step up in almost every respect, at least two Ministers have proven capable, one hopes they might have more sway.

In the last election it became clear that certain foreign influences may have altered the outcome of our election. In particular, the Communist Chinese Party's (CCP) United Front which provides financing to Chinese language press outlets which may have affected up to 20 seats. There were others including funding from nations which have a direct influence on Canadian energy policy and certain types of trade. Australia and New Zealand both have anti-influence policies which prevents foreign money and influence from campaign financing. Canada has no proposed legislation to deal with this real problem. Canada also seems to be more interested in paper than lives when dealing with refugees from either Afghanistan or Ukraine. There seems to be a lack of urgency on one hand coupled with an overly complex and clumsy process for people who need action yesterday. Just over 9 K Afghans have been able to gain access to Canada out of 40 K promised by Government. There needs to be a very real review of these processes to discover the root problems with these delays. Things can occur after they get here especially when we look at countries that have taken in millions especially like Turkey and Poland in recent times. One can only imagine the death toll if they had similar processes as opposed to getting on with the job.

Russia

One cannot be anything but alarmed and outraged over the atrocities committed by Russian troops. The satellite imagery of the town of Bucha taken four days before the Russian withdrawal according to the Russian UN Ambassador, shows bodies on the streets and in backyards already. There is very little doubt that these crimes were committed by Russian troops. If one accepts this as true it tells a very different story than one might expect. If these people were killed four days before then this is a very deliberate attack on Ukrainian civilians that was inexcusable but understandable if the thoughts of Russian nationalist are widespread amongst Russian military and National guard units and formations. In fact, if it had not occurred that might have been more unusual given the vehemence of certain philosophical leadership in the Putin world. There is fear that this is further the case throughout areas occupied by Russia especially around Chernihiv, Kharkiv, Mariupol, Mykoliev areas where Russian soldiers have already displayed a stunning disregard to local residents. Time will tell if this is the case, but it is likely such terror initiatives have occurred.

Although Russian forces appear to have withdrawn from the areas in the North of the country, it is likely that they are regrouping and reequipping for further operations. Even troops within Belarus have moved back further into Belarus to prepare for future operations. In a France 24 interview with a former member of the Russian Duma, Ilya Ponomarev, he seemed to indicate that the Russian leadership will try to gain control over the area from Kharkiv across in an arc to Odesa. This area is agricultural and is relatively flat. As the spring continues this ground will harden and will allow greater mobility to tracked formations as they will no longer be confined to roads where they become easy targets for Ukrainian infantry as we have seen in the North. Ukraine does not have the armour forces at present to counter this move if it occurs. The idea suggested for Russian objectives makes sense. It would essentially cut Ukraine off from the sea and make exports much harder. The South has neither the hills or the woods, swamps and hilly terrain which they so successfully exploited around Kyiv. In order for Ukraine to be successful they will need the heavier equipment in order to attack successfully. Ukraine will likely use an all arms concept that will be of great advantage over the Russian Army's lack of coordination and organization for specific operations. NATO tanks, infantry fighting vehicles, engineer equipment, artillery and aircraft will be needed along with extensive logistics capabilities to be successful. Russia is not invincible, and they have not shown any especial esprit de corps nor even the ability to coordinate movement in a coherent fashion in current operations.

A number of issues will start to impede Russian efforts, the first being a lack of manpower to replace badly battered units. Ukrainian figures now put Russian fatalities over 18 k and with the usual two or three injured to one fatality, one now can see that Russia has lost about 25% of the troops initially sent to this operation. It is clear that the Russian public is not aware of the casualties at present due to the near total control of Russian media. Even if the Ukrainian figures are high there is considerable

evidence that casualty rates are much higher than expected. A general call up of reserves would not go over well either for a special military operation, to do so would require Russian leadership to explain why in detail. Mothers of servicemen will start to ask questions and the real figures will get out. The other issue is the state of Russian equipment, although Russia has 26 k tanks of various sorts; their actual condition is likely poor with many being no longer viable except perhaps in a search for parts. The T 14 is still in extremely limited production and is an electronic nightmare that would cause maintainers to run. Even rebuilding of older tanks has stopped due to a shortage of Western produced parts especially computer chips. Russia has had to stop production in its currently available tank factory. Western sanctions also affect fighter and more complex systems, as the war continues, damage, wear and other issues will continue to plague aircraft and mechanized vehicles in a relatively short period of time. Even if China decides to assist Russia in provision of spare parts it would expose China to Western sanctions as well. Russia is a poor substitute for the Western markets. Russia is expected to relaunch its attacks within the next week with whatever they can scrape together, it will likely remain in the South and East, however it is not implausible that further attacks will occur in the North to cover actions in the East and South. Russia is expected to continue long range fires against Ukrainian cities and towns in order to tie up Ukrainian forces to prevent these forces from interfering on operations.

One new issue that deals with the use of social media and commercial satellite companies. The local commander of Russian in Bucha has been identified by social media inputs. Russian claims that the incident was staged has been debunked by satellite imagery showing the dead bodies in the location where they were later found four days before the Ukrainians retook control of the city. Radio and telephone intercepts also seem to verify the Ukrainian accounts. The formation was also identified as was the controlling Combined Arms Army. The brigade involved is currently moving to Belgorod to refit. It is expected that the formation will be assigned to the Kharkiv region for the next phase of the "special military operation." Formations assigned to the Kharkiv area have heavy casualties. The Ukrainians state that this is a way to remove possible witnesses. While this is open source, it is an excellent example of the use of social media both to discover issues and evidence, but it is also potentially a fine effort to provide information that could be false. It has already happened with the Ukrainian soldiers on Snake Island as one example. Time and potentially the courts will tell if it is the truth.

Belarus

Belarus continues to be a bit of an enigma. Wednesday morning, Belarussian forces launched two missiles into Western Ukraine without doing much damage. Its own main forces have essentially refused to "play" in the invasion of Ukraine with large numbers simply refusing to go apparently including the Deputy Minister of Defence. It seems unlikely that Belarussian forces would participate in any attack given Russia's own lack of success. The Lukashenko regime does not seem to be pushing the issue with the Army as he needs the Army to continue to support him if he is to remain in power. Currently, no known Belarussian forces are in Ukraine, and it seems likely that they will not participate in future actions at this time.

Russian troops did return through Belarus including those Russian troops that dug in, in the Chernobyl area including some in the most contaminated area from that melt down, the Red Forest. Injured Russians have filled Belarussian hospitals and have required extensive medical support thus limiting the Belarussian citizens access to medical care and resources.

There also seems to be a move of Russian troops from near the border to locations within Belarus which means the forces could be used again to tie down Ukrainian forces merely by their presence on the Northern border. Helicopter units moved from air bases near the border to airfields near Minsk. One source mentioned that as many as 90 helicopters including a number of MI 26s are now in that location near Minsk. The actual movement of these troops and equipment is likely suspect at present as will their future tasks. These units were badly beaten up by the Ukrainian Army.

China

China's efforts at using the Zero Covid solution to the pandemic continues to crumble as Shanghai has been unsuccessful in its efforts to curb the virus. More than 17 k new patients just today. The lockdown of the entire city of 28 M continues. There are more outbreaks throughout China and efforts there have been unsuccessful as well. China and the CCP have not been transparent. There is no really reliable figures available for China as a whole and very little way to discover how many actually were infected or died of the disease. Unlike most countries, the CCP also ordered total lockdowns., often without adequate preparation. No one knows how many also perished from gross negligence and intransigence of the CCP. One estimate is that China has more than 14 M extra deaths last year. During this latest series of lockdowns, children were separated from their parents and were placed in a separate medical facility. This did not go over well and authorities have changed the rules so this does not happen. The population of China is becoming more upset with the ongoing failures not only at the local level but also increasingly at the national level.

China is continuing to support Russia and state media have generally supported and repeated the Russian claims against Ukraine, yet at the same time, the CCP have followed Western sanctions in private, not wishing to lose access to the Western markets. The CCP is well aware that continuing to support Russia after it is becoming clear that atrocities have been conducted by the Russian Army is becoming a major liability for China in the long run. Xi and Putin's agreement of February 2022 is becoming an issue. It will become a real source of trouble if China continues to take Russia's side and Western sanctions are levied against China as well.

The CCP has ordered the up grade and expansion of China's nuclear arsenal. While the number of weapons to be eventually deployed is estimated to be around 1000 warheads mounted on various weapons systems is not large in comparison to the US or Russia's holdings it is large enough to maintain a level of mutually assured destruction. It is important to note that China has successfully completed the development of a hypersonic weapon capable of significant range and staying power in flight. This weapons system will be capable of being nuclear armed. As China is not involved in nuclear disarmament discussions and has no intentions of doing so, this would be a game changer and would potentially be a change to the current balance of power.

China's property developers are having difficulties gaining access to foreign and local investment. Many are on the cusp of bankruptcy, and some are expected to do so within the year. The central Government is likely to provide support to ensure there is a measure of a smooth landing for at least some companies that would be otherwise strong. Owning property in China is the way most people of the middle class invest their money and wealth. A major failure in the real estate sector will have a large effect of the middle class essentially wiping out their life savings in many cases. Failure of large property management firms may cause unrest within the affected populations. Some Provinces are worse off than others and it is suspected that several Provinces are also near bankruptcy. China's stock market has also been hit mainly due to the actions of the CCP Financial regulators who were so roundly criticized by Jack Ma. It resulted in his arrest, but the Chinese stock market suffered severely under the tender care of the Chinese regulator and has not recovered by this date. The CCP is not a competent economic and financial regulator as it is affected by the decisions of the CCP and not the markets. Investors are realizing what jeopardy their investments are now in. Problems with property management has also affected foreign investment overall in China making growth metrics almost impossible to meet.

The combination of all these factors is making life difficult for the Xi regime. Economic problems can be laid at the feet of the CCP and the agreement with Russia has the possibility of providing other disruptions. It is not a great picture for the man who would be President for the third term.

RCAF Memorials and Monuments – RCAF Association request for assistance

The RCAF Association needs our air force members help. The RCAF(A) have been partnering with the RCAF on many fronts, preparing for the 100th birthday of the RCAF in 2024. Their most pressing project, now, is confirming the status of RCAF (Air Force) Memorials & Monuments across Canada - possibly in Nova Scotia.

The immediate goal - for which they need information by 1 May 2022 - is to identify specific memorials and monuments in need of repair/refurbishment/refreshment. They are most anxious to identify, for example, as many as two "mounted aircraft" in each province that could use some immediate attention. Can you help? Can you venture out into your community, and get back to us with a status update? You may also want to contact local (municipal) officials to inform them of this important project.

The RCAF Association Centenary "Navigators" are a small group working under the leadership of Chairman Colonel (Ret) Terry Chester (terry.chester@airforce.ca).

This busy group of volunteers could really use our assistance, now. Please reach out to terry.chester@airforce.ca and let him and the "Navigators" committee know of the state of any and all Memorials & Monuments in NS, especially those featuring RCAF aircraft on a plinth (or "stick"). This will be of great assistance.

Your contribution will be duly noted and recognized as we approach 01 April 2024 and the celebrations marking the 100th anniversary of the creation of the Royal Canadian Air Force.

[This Veterans Affairs Canada website, consists of a database of all such Memorials & Monuments in Canada.](#)