



# Royal United Services Institute of Nova Scotia

## Dispatches

### 10 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...)

### Seeking Research Study Participants

Researchers from the Centre for Addiction and Mental Health, the Dallaire Institute for Children, Peace, and Security, Western University, Lawson Health Research Institute, and the MacDonald Franklin Operational Stress Injury Research Centre, are seeking veterans of the Canadian Armed Forces for a study to understand the impacts on military personnel of encountering children recruited and used as soldiers. See poster at end of *Dispatches*.

### 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: 15 June, Wednesday** - Dispatches Adventure Ride Speaking Tour Halifax. "An open and honest discussion about living with PTSD, Operational Stress Injury, and challenges transitioning to civilian life." 1900-2100 ADT. CannaConnect Nova Scotia, 463 Sackville Dr, Lower Sackville. To register: <https://www.eventbrite.ca/e/dispatches-adventure-ride-speaking-tour-halifax-ns-tickets-273065856327>

**16 June**, Thursday - Naval Association of Canada conference "Submarines: Canada's Strategic Requirement." 0900-1500 EDT. Via GoToMeeting. "To examine the strategic factors influencing a future Canadian submarine procurement project." To register: <https://nac-o.wildapricot.org/event-4820587>

**New: 16 June**, Thursday - Center for Strategic and International Studies "Assessing Russia's War in Ukraine." 1000-1045 am ET. Webcast. To register: <https://www.csis.org/events/assessing-russias-war-ukraine>

**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.

### **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>

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

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

**New:** 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.

Royal United Services Institute for Defence and Security Studies - Australia *United Service*, Winter 2022, Vol. 73 No. 2  
<https://www.rusi.com.au/Publications.php>

**New:** Royal United Services Institute of Victoria (Australia) *Defence Update*, Volume 12, Issue 6, 6 June 2022

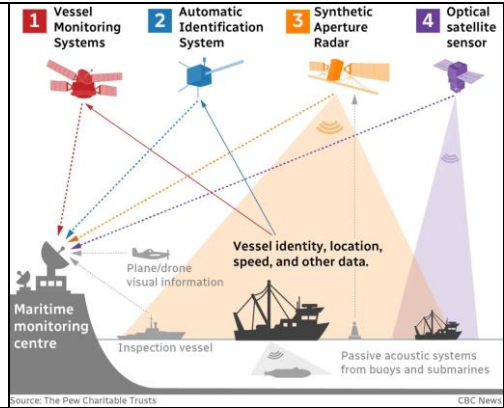
Veterans Affairs Canada *Salute!* May 2022  
<https://www.veterans.gc.ca/eng/about-vac/news-media/salute>

**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).

<p>Canadian Army @CanadianArmy 4 Jun tweeted: Do you know that No.2 Construction Battalion (CEF) was headquartered in Truro, N.S.? Go to <a href="https://no2-cef.ca">https://no2-cef.ca</a> to learn about the planned National Apology to the only all-Black battalion-sized formation in Canadian military history. RUSI(NS) retweeted: Info about battalion &amp; apology by Colonel (ret'd) John Boileau to RUSI(NS) 29May2022 "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> Recognition of CAN🇨🇦 Black Battalion. National apology scheduled July 2022. CEF = Canadian Expeditionary Force</p>	
<p>Navy Recognition @NavyRecognition Jun 2 tweeted: #Boeing partners with #Canadian firms to answer #Canada 's need multi mission #aircraft #RCN (Boeing partners with Canadian firms to answer Canada's need multi-mission aircraft <a href="https://www.navyrecognition.com/index.php/naval-news/naval-news-archive/2022/june/11792-boeing-partners-with-canadian-firms-to-answer-canada-s-need-multi-mission-aircraft.html">https://www.navyrecognition.com/index.php/naval-news/naval-news-archive/2022/june/11792-boeing-partners-with-canadian-firms-to-answer-canada-s-need-multi-mission-aircraft.html</a>) RUSI(NS) retweeted: Canadian Multi-Mission Aircraft project <a href="http://dgpapp.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=975">http://dgpapp.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=975</a> To equip @CanadianForces with long-range manned command, control, comms &amp; computers; intelligence, surveillance &amp; reconnaissance; &amp; anti-submarine aircraft with extended capabilities to replace @RCAF_ARC CP140 Aurora</p>	
<p>United Nations @UN 5 Jun tweeted: Sustainable fishing is needed to #SaveOurOcean &amp; protect the livelihoods of millions of people. On Sunday's Day of Illegal, Unreported &amp; Unregulated Fishing, see how @FAO is helping to end this harmful practice. <a href="https://fao.org/iuu-fishing/fight-iuu-fishing/en/">https://fao.org/iuu-fishing/fight-iuu-fishing/en/</a> (International Day on the fight against IUU fishing   5 June) @RUSI(NS) retweeted: 5 June is #UnitedNations @UN International Day for Fight against Illegal, Unreported&amp;Unregulated Fishing (#IUU). IUU a security issue, engaging navies&amp;coast guards, also matter of international relations, used by bully states. Needs to be subject of staff study&amp;operational action <i>RUSI(NS) is planning a speaker on the Canadian National Fisheries Intelligence Service this fall.</i></p>	

🇨🇦@FishOceansCAN & CAN tech companies provide satellite tracking, remote sensing & ability to synthesize large amounts of data to Ecuador's navy  
<https://www.cbc.ca/news/world/galapagos-illegal-fishing-satellite-technology-1.6469424> Illegal, Unreported & Unregulated fishing (#IUU) a security issue, best respond with intelligence assistance



RUSI @RUSI\_org 7 Jun tweeted and RUSI(NS) retweeted: 'Mobilisation at the scale needed to successfully rehearse the invasion of #Ukraine only appears to have started in earnest in 2021' write Giangiuseppe Pili and Fabrizio Minniti in the latest #RUSICommentary.  
 (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>)



Canadian Coast Guard @CoastGuardCAN 6 Jun tweeted: News from #NovaScotia: Today, we dedicate the CCGS Hare Bay to our fleet! This new ship will be used for #SearchAndRescue operations to protect Canadians along the Nova Scotia Coast. #CCGProud #NationalShipbuildingStrategy  
 (The Canadian Coast Guard dedicates the CCGS Hare Bay into service  
<https://www.canada.ca/en/canadian-coast-guard/news/2022/06/the-canadian-coast-guard-dedicates-the-ccgs-hare-bay-into-service.html>)  
 RUSI(NS) retweeted: RUSI(NS) Info Note "Naming and Dedication of Canadian Coast Guard Ships" <https://rusi-ns.ca/naming-dedication-canadian-coast-guard-ships/> In lieu of champagne for traditional breaking of wine on ship's bow, @CoastGuardCAN used Carl Jung White Sparkling. Lots of good CAN sparklings for future #CCG dedications



Davie Shipbuilding @chantierdavie 8 Jun tweeted and RUSI(NS) retweeted: Davie is ready! We're delighted & proud Canada has officially confirmed we are progressing as a #NationalShipbuildingStrategy partner.  
<https://www.newswire.ca/news-releases/canada-confirms-davie-s-progress-to-become-the-third-national-shipbuilding-strategy-partner-812481915.html>  
 (Canada Confirms Davie's Progress to Become the Third National Shipbuilding Strategy Partner)  
 (and Government of Canada moves to next stage of third shipyard selection process with Chantier Davie)



<https://www.canada.ca/en/public-services-procurement/news/2022/06/government-of-canada-moves-to-next-stage-of-third-shipyard-selection-process-with-chantier-davie.html>)

Trident News @Trident\_News tweeted: Organized by the CSC project planning personnel, the workshop ran from May 16 to 19 at the Canadian Forces Maritime Warfare Centre (CFMWC) at CFB Halifax. @RCN\_MARLANT @MARPAC\_FMARP @RoyalCanNavy  
Brian Santarpia @BrianSantarpia 7 Jun retweeted and RUSI(NS) retweeted: Very excited about the opportunity that the Canadian Surface Combatant offers to reimagine how the RCN can deliver effects from the maritime domain to all domains (including the maritime) to ensure this vital element of national power serves Cdn interests in peace and conflict. (Workshop focuses on design for future Canadian Surface Combatants (CSC))

<https://tridentnewspaper.com/workshop-focuses-on-design-for-future-canadian-surface-combatants-csc/>)



Canadian Armed Forces @CanadianForces 8 Jun tweeted: The remains of 10 soldiers from the First World War will be laid to rest in two public burial ceremonies at the end of June. Two of the soldiers are Canadian, including 17-year-old Pte Lambert, identified through the CAF Casualty Identification Program. <https://canada.ca/en/department-national-defence/news/2022/06/unknown-soldiers-and-private-john-lambert-to-be-laid-to-rest-in-europe.html>  
RUSI(NS) retweeted: Dr Sarah Lockyer @S\_Lockyer, @NationalDefence Directorate History & Heritage spoke to RUSI(NS) 20Oct21 on Casualty Identification Program [https://rusi-ns.ca/casualty\\_identificaton\\_program/](https://rusi-ns.ca/casualty_identificaton_program/) & <https://www.canada.ca/en/department-national-defence/services/military-history/history-heritage/casualty-identification-military/casualty-identification-program.html>



### **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.

On the 100-day mark since the Russian invasion of #Ukraine, a review of **key strategic lessons** so far, not a full list but seven key observations. "... there are some new lessons – such as the importance of counter-autonomy operations and better integration of battlefield and global influence activities."  
<https://threadreaderapp.com/thread/1532881927710994432.html>

*Don't know what 'counter-autonomy operations' means.*



Business Ukraine mag @Biz\_Ukraine\_Mag 5 Jun tweeted ([https://twitter.com/Biz\\_Ukraine\\_Mag/status/1533382115336790016](https://twitter.com/Biz_Ukraine_Mag/status/1533382115336790016)): Russia has destroyed a major Ukrainian grain export terminal in Mykolaiv that plays a crucial role in international food security. This targeted attack is further evidence that Putin is weaponising global famine in a bid to blackmail the international community

Dueling narrative - Sentletse @Sentletse 5 Jun tweeted: NATO weapons depot at the port of Nikolaev went up on smoke.

Either way, take this as SODCIT (strategic operations for the destruction of critically important targets). Easier to take out a port than strangle maritime trade to and from the port (remember that when considering major oceanic warfare). SODCIT part of Russian doctrine (e.g., see: "Reconsidering Russian Maritime Warfare" <https://cimsec.org/reconsidering-russian-maritime-warfare/>).



How would we make our Canadian ports resilient so that our Canadian Armed Forces and defence-critical matériel can actually ship overseas to where they are needed?

### **Navy, General Dynamics lay the keel for newly renamed USS District of Columbia**

<https://breakingdefense.com/2022/06/navy-general-dynamics-lay-the-keel-for-newly-renamed-uss-district-of-columbia/>

"The keel laying ceremony comes one day after Del Toro announced the first ship in the Columbia-class program will be renamed USS District of Columbia rather than USS Columbia, the original name selected in 2016."



Another example that the intended name for a ship can be changed between government announcement (which is just that, a political message) and the ship's naming ceremony. Hence the utility of the use of 'future *Shipname*' and, until the ship has been accepted, 'future HMCS *Shipname*.' Canada has had recent experience of ship names being changed (the two Joint Support Ship project replenishment oilers).

The Royal Canadian Navy and US Navy do differ in aspects of keel laying and other significant events/ceremonies in a ship's life. Generally, though, the article is a good read about the tradition.

Also: Chris Cavas @CavasShips 4 Jun tweeted (<https://twitter.com/CavasShips/status/1533142967740932097>): Farewell Columbia, Hello DC. GDEB apparently didn't get enough notice of the new name to change the graphic, just the wording. The new name, SECNAV said, avoids confusion with the current USS COLUMBIA SSN771, although 771 is expected to be out of service by the time 826 comes in and webpage (with more about keel palyings): SSBN 826 District of Columbia Keel Laying Ceremony June 4, 2022 (<http://gdeb.com/keellaying/>)

## **Arctic Aerial Surveillance leads to significant penalties of \$35,000 for Captain of a Nunavut Fishing Vessel**

<https://www.canada.ca/en/fisheries-oceans/news/2022/05/arctic-aerial-surveillance-leads-to-significant-penalties-of-35000-for-captain-of-a-nunavut-fishing-vessel.html>

Transport Canada operates the National Aerial Surveillance Program (NASP). At a recent speaker event, RUSI(NS) was briefed on the program's capability (see: "Surveillance of Sea Surface Activities in Atlantic Canada" [https://rusi-ns.ca/national\\_aerial\\_surveillance\\_program/](https://rusi-ns.ca/national_aerial_surveillance_program/)). The surveillance flight referenced in the news release was performed by one of the NASP flights in collaboration with Fisheries and Oceans Canada. NASP aircraft fly in the Arctic region and monitor ships crossing into Canada's Exclusive Economic Zone. The NASP Surveillance Officers observe, analyze, record, and report marine pollution on behalf of Transport Canada. They also provide timely, accurate, and useful information from aerial surveillance operations to other key government departments and agencies that need it to enforce domestic and international laws and/or to fulfill their marine mandates.

*Editor: What with the increasing amount of illegal, unreported and unregulated (IUU) fishing, China's and Russia's militarization of their fishing fleets, and their use of those fleets for grand strategic purposes, the NASP could become more of a national security matter.*



### **Other Sources:**

#### **#Afghanistan**

Wars can be won by Evacuations

<https://wavellroom.com/2022/06/01/wars-can-be-won-by-evacuations-afghanistan/>

#### **#Arctic**

Arctic Maritime Security – The US Navy should buy Ice Breakers

<https://www.strifeblog.org/2022/05/30/strife-series-arctic-maritime-security-the-us-navy-should-buy-ice-breakers/>

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

Vice CDS announces new Promotions, Senior Appointments, and Retirements

<https://www.cmfmag.ca/vice-cds-announces-new-promotions-senior-appointments-and-retirements/>

#### **#drones**

Drone Strikes and Evidence-Based Counterterrorism

<https://www.lawfareblog.com/drone-strikes-and-evidence-based-counterterrorism>

#### **#grand strategy #China #Russia**

Countering Chinese and Russian Alliance Wedge Strategies

<https://www.cna.org/reports/2022/05/countering-chinese-and-russian-alliance-wedge-strategies>

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

Allow Taiwan to buy weapons it needs

<https://www.taiwannews.com.tw/en/news/4557158>

## **#intelligence**

Open Source Intelligence May Be Changing Old-School War

<https://www.wired.com/story/open-source-intelligence-war-russia-ukraine/>

## **#National Shipbuilding Strategy**

Halifax shipyard warns warship schedule contingent on more federal funding

<https://globalnews.ca/news/8885972/halifax-shipyard-warns-warship-schedule-contingent-on-more-federal-funding/>

## **#professional military education**

More Military Education Should Be Like the ‘Strategic Thinkers Program’

<https://www.defenseone.com/ideas/2022/06/more-military-education-should-be-strategic-thinkers-program/367599/>

## **#Royal Canadian Navy**

Your Navy Today - Volume 5 Issue 5

<https://www.canada.ca/en/navy/corporate/navy-news/your-navy-today/volume-5-issue-5.html>

## **#Russia**

Not Built For Purpose: The Russian Military’s Ill-Fated Force Design

<https://warontherocks.com/2022/06/not-built-for-purpose-the-russian-militarys-ill-fated-force-design/>

## **#shipbuilding**

Military shipbuilding in Scotland – A quick look

<https://ukdefencejournal.org.uk/military-shipbuilding-in-scotland-a-quick-look/>

*Interesting article for its analysis of the UK National Shipbuilding Strategy. Interesting, too, would be to read a parallel analysis of the Canadian National Shipbuilding Strategy, substituting Canadian regions for Scotland.*

*UK Defence Journal has had a long-running 'tweet war' with (Scottish nationalists? Russian trolls?) about the value of shipbuilding in Scotland.*

UK Defence Journal @UKDefJournal 4 Jun tweeted

(<https://twitter.com/UKDefJournal/status/1533071451057692672>)

Military shipbuilding in Scotland is thriving - here's a brief look at what's happening

George Allison on Twitter 5 Jun: "Here's the naval shipbuilding plan for Scottish shipyards for the period covering 2015 out to 2035, including the status of each programme. It is expected that 24 warships will be launched from Scottish shipyards during this period, including one export order for Ukraine. <https://t.co/buo9mG1gOO>" / Twitter

<https://twitter.com/geoallison/status/1533339565825589248>

*See list next page.*



## Scottish Naval Shipbuilding Activity 2015-2035

Class	Ship Name	Launch Period	Location	Status
River Class	HMS Forth	2016	Glasgow	Launched
River Class	HMS Medway	2017	Glasgow	Launched
River Class	HMS Trent	2018	Glasgow	Launched
River Class	HMS Tamar	2018	Glasgow	Launched
River Class	HMS Spey	2019	Glasgow	Launched
Type 26	HMS Glasgow	2020's	Glasgow	Being Built or Procured
Type 26	HMS Cardiff	2020's	Glasgow	Being Built or Procured
Type 26	HMS Belfast	2020's	Glasgow	Being Built or Procured
Type 26	HMS Birmingham	2020's	Glasgow	Long-Lead Items Ordered
Type 26	HMS Sheffield	2020's	Glasgow	Long-Lead Items Ordered
Type 26	HMS Newcastle	2030's	Glasgow	Long-Lead Items Ordered
Type 26	HMS Edinburgh	2030's	Glasgow	Long-Lead Items Ordered
Type 26	HMS London	2030's	Glasgow	Long-Lead Items Ordered
PSO-U	UKRAINIAN NAVY YET TO NAME	2020's	Rosyth	UNCERTAIN
Type 31	HMS Venturer	2020's	Rosyth	Being Built or Procured
Type 31	HMS Bulldog	2020's	Rosyth	Being Built or Procured
Type 31	HMS Campbelltown	2020's	Rosyth	Being Built or Procured
Type 31	HMS Formidable	2020's	Rosyth	Being Built or Procured
Type 31	HMS Active	2020's	Rosyth	Being Built or Procured
Type 32	Ship 1	2020's	Rosyth	Planning Stage
Type 32	Ship 2	2020's	Rosyth	Planning Stage
Type 32	Ship 3	2030's	Rosyth	Planning Stage
Type 32	Ship 4	2030's	Rosyth	Planning Stage
Type 32	Ship 5	2030's	Rosyth	Planning Stage

CHANGE IN SHADE OF BLUE REFLECTS DIFFERENT BATCH, YELLOW IS EXPORT ORDER

## #Ukraine-Russia War

Deadly secret: Electronic warfare shapes Russia-Ukraine war

<https://www.cp24.com/world/deadly-secret-electronic-warfare-shapes-russia-ukraine-war-1.5931069>

How Ukraine's new weapons reflect a very different battlefield

<https://www.vox.com/2022/6/4/23150697/how-ukraines-new-weapons-different-battlefield-russia-himars-nato>

Russian oil tankers 'go dark' in Putin's latest sanctions-busting ruse

<https://www.telegraph.co.uk/business/2022/06/02/russian-oil-tankers-go-dark-putins-latest-sanctions-busting/>

*This is very much an intelligence-driven war. And not just in Ukraine itself.*

Wounded-to-killed ratios in Ukraine in 2022

<http://www.dupuyinstitute.org/blog/2022/06/06/wounded-to-killed-ratios-in-ukraine-in-2022/>

The New Russian Offensive Is Intended to Project Power It Cannot Sustain

<https://time.com/6184437/ukraine-russian-offensive/>

Why the war in eastern Ukraine is an attritional slugfest and not a battle of sweeping maneuver

<https://threadreaderapp.com/thread/1534169289627947009.html>

The Rules-Based Order is at Stake in Ukraine

<https://cdainstitute.ca/ambassador-andriy-shevchenko-the-rules-based-order-is-at-stake-in-ukraine/>

## Shock of War Threatens Lasting Impact on Global Economy

<https://time.com/6185394/global-economy-war/>

### #drones

Ukraine Wants MQ-1C Gray Eagle Drones with Hellfire Missiles: Here's What it Can Do

<https://www.19fortyfive.com/2022/06/ukraine-wants-mq-1c-gray-eagle-drones-with-hellfire-missiles-heres-what-it-can-do/>

### #electronic warfare

'Assume you can be jammed' — What US troops are learning about electronic warfare in Ukraine

<https://taskandpurpose.com/analysis/russia-ukraine-electronic-warfare-us-troops/>

Note: Electromagnetic Spectrum Superiority Strategy

[https://media.defense.gov/2020/Oct/29/2002525927/-1/-1/0/electromagnetic\\_spectrum\\_superiority\\_strategy.PDF](https://media.defense.gov/2020/Oct/29/2002525927/-1/-1/0/electromagnetic_spectrum_superiority_strategy.PDF)

See picture below.



### Other:

#### Security Affairs Committee Synopsis

##### O Canada

A Canadian Armed Forces Aurora aircraft was engaged in observing and reporting anti-sanctions smuggling operations by North Korea and others as part of Op NEON. Chinese fighters conducted an

interception that was deemed reckless, and forced the Canadian aircraft to alter course to avoid an unsafe situation. Canada protested to Beijing but the Communist Chinese Party (CCP) spokesperson blamed Canada for conducting surveillance against China rather than apologizing, accusing the Canadian crew of unprofessional conduct instead.. The Australians had a similar situation with similar results. China is suspected of conducting operations that break economic sanctions against their client state of North Korea. China today stated that Canada and Australia are using disinformation - an international form of gaslighting. Canada and Australia are relatively easy targets. The CCP gets to put pressure on the US by engaging US allied aircraft rather than a direct confrontation with the US. One can expect this behavior to continue as China and the US continue to confront one another economically. It should be noted that the Canadian Aurora is based on the US P3 Orion aircraft. Ours were purchased in 1981 and they have received several upgrades and rebuilds to allow these 'ancient' aircraft to continue to operate. It is to their credit that Nova Scotia's IMP Aerospace and the Canadian Armed Forces ground crews keep these aircraft flying. There is little doubt they wouldn't last a second in a near-peer war. The crews are well trained but they need new tools in the very near future. (*Editor: note the Canadian Multi-Mission Aircraft project to replace the Aurora*  
<http://dgpapp.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=975>).

The 85 CH146 Griffon fleet, based on a civilian helicopter produced by Bell Canada, will be upgraded to allow it to fly into the mid-2030s. The contract was awarded to Bell Textron Canada of Mirabel Quebec on 30 May 2022. Keep in mind that the civilian pattern of the CH146 has been flying since 1992. It is way past its best before date but that is in keeping with the governments' propensity and very real de facto policy to fly museum pieces in the best possible shape. The Griffon made a name for itself in Afghanistan as the reason the Chinooks had to slow down so the Griffons could keep up. It is another sign that the Air Force does not maintain what should be Army and Navy fleets requirements. The Australians have Chinook, Blackhawks and Kiowas and have just purchased a new fleet of Apache attack helicopters. In the recent Mali operation with the UN, Canada was forced to use El Salvadoran attack helicopters as escorts. Continued use of the Griffon is a travesty - Canadian air crews deserve better than that. In regard to the Navy, not another country in the world flies the 'military' version of the CH148 Cyclone. Those 27 aircraft are all there is and the maintenance bills will be horrendous over time. It is interesting that the Sea King is still considered a better aircraft despite its age. The Cyclone is still not fully operational for a variety of reasons.

6 June 2022 has just passed. It was 78 years ago this week that Allied forces landed in Normandy in the greatest seaborne invasion in history, putting 160k men on the ground in a single day including 14k Canadians of the 3<sup>rd</sup> Division along with tanks of the 2<sup>nd</sup> Armoured Brigade. The Navy was there in large numbers with 110 ships involved in roles including escort, mine clearing, landing craft, surface action groups, anti-submarine and rescue. The RCAF had 39 squadrons involved supporting overall operations. It should be noted that seldom if ever did our three services acted as one in support of each other, but they did support the actions of other nations.

## **China**

China's third aircraft carrier will soon be launched, probably later this fall. It is a conventionally powered aircraft carrier with electromagnetic catapults and arrestor wires. It will be the first carrier with this capability, but its size and capability will be more in line with pre-nuclear American carriers with some exceptions in regard to the catapults, air defence radars, the use of drones and new aircraft designs. The carrier will end up being over 300m in length and is approximately 40m wide. Displacement is estimated to be somewhere around 80 to 85k tons. The name found in the Indian Press is *Jiangsu* although none of this is officially confirmed and may vary once the ship is fully completed. There is some thought she could be floated out of her current dock this week for fitting out. Her estimated commissioning date will be sometime in 2024 which will be very quick for a first in class

ship. The arrival of this ship will make China the largest carrier operator after the US, however, the three carriers are all very different with vastly different capabilities. Building is one issue, getting it to an operational state capable of operations is quite another.

Carrier aircraft are improving but lag behind US models especially in engine design and production. There also have been questions about the reliability of the aircraft when subject to high speed take offs using the catapult. There is a reason US aircraft are robust in comparison to their air force counter-part aircraft. China currently has fighter aircraft and helicopters capable of operating from the carrier. There is also the XJ 600 Xi, an air early warning aircraft that is still in development but already flying. The fighter aircraft being used first is likely the J15 but it is expected that the actual fighter for operations will be the 5<sup>th</sup> generation FC31. Still, China has shown remarkable speed in carrier and aircraft development. This carrier will likely be used to further carrier development and to test carrier-based aircraft and drones, in other words, another training carrier capable of other uses as needed. The next model is likely to be nuclear powered and similar in size to larger US carriers. The PLA Navy is using the *Liaoning* and the *Shandong* to test concepts, aircraft, drones and carrier battle group tactics including some concepts for the potential invasion of Taiwan.

China's economy is like a slow motion movie of a train wreck as Xi's persistence in keeping the Zero Covid policy has injured the country economically and also its credibility as a reliable partner to foreign manufacturers. There are literally thousands of ships anchored off the Chinese coast, caught in the predicament of being unable to land or pick up contracted goods. If one were deliberately trying to destroy the world's supply chain, China has succeeded, but one has to believe at this point by accident. Shanghai has once again closed down due to new Covid cases just after it started to get back to a new normal. Currently over 80 Chinese cities are locked down or having extensive enforcement of the Zero Covid policy without an official lockdown. This policy have led to a large number of permanent plant closure and some firms including Chinese firms have chosen to re-locate to countries with less stringent Covid policies. Unemployment is increasing at a relatively high level for China

### **Belarus**

Belarus is still playing both sides of the table. Belarussian forces have not actually participated in the Ukraine Russia War. Belarus allowed its soil to be used by Russian forces to attack key areas around Kyiv at the start of the war including the disastrous attacks near Hostomel Airfield near Kyiv which led to large personnel losses to Russian airborne and special forces. Belarus has announced that it will be increasing the size of the armed forces to 80k personnel and outfitting new units with older equipment. These new troops would become part of the newly created Southern Command which also includes Belarussian special forces elements. Some Russian units are still in Belarus but these are mainly artillery and rocket forces. This appears to be a way of providing assistance to Russia without actually doing anything that would leave the Lukashenko regime in danger. It does however cause Ukraine to keep forces around Kyiv that might be better utilized defending forward in the Donbass or towards the south near Kherson.

Some Belarus soldiers are fighting at regimental strength, however, these several thousand troops belong to the 'Kastus Kolinovsky Regiment,' the Belarussian volunteer force fighting for Ukraine. These young folks will be returning home at some point, and it may not go well for the regime that was two-faced. Many people in Belarus would be more than happy to rid the country of the man reputed to be the 'last dictator in Europe.' Time will tell.

### **Ukraine Russia War**

One of the biggest issues about this entire war is the question 'Why?' In mid-February, many 'experts' wrote that Putin was just posturing - the expectation of actual conflict was considered unlikely because

of the potential negative outcomes not only for Russia but also for the world. Some ‘experts’ said the war would be over within four days, that Ukraine would crumble and the new Russian border would be mainly on the borders of former Warsaw Pact countries. The world was surprised when the President of Ukraine, someone who had been steadily losing popularity prior to the war, showed more spine by famously answering an offer of asylum in the West with the very defiant response that “he didn’t need a ride, he needed ammunition.” Here we are today, more than 100 days since the start of the war, and the Russians have been pushed back from Kyiv and Kharkiv and now are concentrated on the Donbass at the expense of other fronts. The war has turned into a bloody stalemate to a large extent and shows no sign of stopping. It is a war of attrition, something that some of us was told was something to be avoided in staff college. May be we should revisit that thought and consider what Canada has to do if we are forced to engage in such a war.

As with most wars of attrition, battles have moved back and forth regularly with Severodonetsk being lost to the Russians one day only to find the Ukrainians counter-attacking effectively and retaking most of the city despite increasing odds against the Ukrainian armed forces in the area. Russian losses have been heavy in virtually all areas. This has led to increased air, rocket, missile and artillery attacks essentially to destroy anything remotely Ukrainian whether military or not. It is also steadily bleeding Ukraine of manpower and equipment at a very high rate. One Ukrainian estimate put daily fatalities as 100 soldiers per day not counting captured, wounded or missing. Russian explosives have also taken a severe toll on Ukrainian infrastructure throughout the country including areas and buildings that are covered by international conventions. This war is not easy and it will not be over quickly. Ukraine will counterattack with NATO-supplied equipment but even though they get systems there is always a tangle of excuses not to provide materials that would make Russia take notice. Whether one likes the idea or not, Ukraine will have to be allowed to hit Russian targets inside Russia that are specifically used to support Russian efforts, such as transportation infrastructure as found in Belgorod, Kursk and other locations supporting the war. Destruction of Russian logistics will be essential if Ukraine is to succeed in removing the current threat.

The other issue is, even if Ukraine is successful in removing Russian forces from Ukraine proper, the current regime will not rest and will continue to cause problems and challenges for Ukraine. As some have pointed out early in the war, the Putin regime does not want to have a successful democratic state based on Western philosophy sitting on its doorstep. It is an existential threat from President Putin’s point of view. There is a Russian scholar who discusses what she believes is Putin’s idea of a win. It is fascinating to read. The scholar, Tatiana Stanovaya, has recently written an article in Foreign Policy called “What the West (Still) Gets Wrong About Putin” which is fascinating. She is the CEO and founder of the political analysis firm called R.Politik. She is also a non-resident scholar of the Carnegie Endowment Fund. The article in Foreign Policy requires a subscription unfortunately but a quick Google search on her name will bring up several discussions on her views. These are quite enlightening and seem to make sense. Apparently, Putin’s view of winning is not one we might recognize. Here are some links:

<https://ca.news.yahoo.com/putin-awakened-dark-nationalism-more-091320894.html> by Matthew Loh on 3 June 2022

<https://www.newsweek.com/putin-thinks-winning-ukraine-war-russian-political-analyst-1712325> by Darragh Roche on 2 June 2022

Here is an example of the comments: “However, Stanovaya said that Russia's main goal in Ukraine isn't about seizing territory but is aimed at preventing Ukraine from co-operating with the NATO military alliance and making the country accept Russian influence in the form of ‘Russification.’”

"To follow through on these goals, Russia needs to sustain its military presence on Ukrainian territory and keep attacking Ukrainian infrastructure. There is no need for major territorial gains nor taking Kyiv," Stanovaya wrote. It is her view that Putin thinks he is 'winning' based on this set of goals.

Russia is continuing to blame Ukraine for the inability of food to sail from Odesa, blaming Ukrainian mines as opposed to their de facto although undeclared blockade of that and other ports. Russia has also stolen vast quantities of Ukrainian grains which has been shipped to locations in the Middle East. Russia's ambassador to the United Nations found himself called out for these action by Charles Michel, President of the European Council, during a meeting of the Security Council. Mr Michel stated the blame for this situation was strictly the fault of Russia. The ambassador chose to leave the Security Council meeting rather than listen to the comments, calling them lies.

### **Child Soldiers**

This is an indication of how children can be 'recruited' into a conflict even by a relatively benign leadership. Desperation can cause even good folks to do things that would have been unthinkable several weeks ago. This is a link to a story of a fifteen year old boy flying drones. It is worth the read. Is this the child soldier of the future?

<https://www.msn.com/en-ca/news/world/exclusive-how-a-15-year-old-ukrainian-drone-pilot-helped-destroy-a-russian-army-column/ar-AAY8jjw>



### **Veterans Affairs Canada Consultation Results on Accessibility**

The VAC accessibility consultation results are in, and they are clear: accessibility matters to you.

Your feedback on barriers to accessibility will help us plan current and future work, including VAC's and VRAB's first Accessibility Action Plans.

You can read the consultation recap plus stay informed by joining our community on Let's Talk Veterans.

Accessibility Consultation | Let's Talk Veterans- Canada.ca (letstalkveterans.ca)  
(<https://letstalkveterans.ca/accessibility-consultation>)

Sincerely,  
Stakeholder Engagement and Outreach Team  
Veterans Affairs Canada



## CONFERENCE OF DEFENCE ASSOCIATIONS INSTITUTE

### Conference of Defence Associations Institute Article Solicitation

Dear members of the CDA Community,

With the summer months comes the opportunity to reflect and put pen to paper. We are interested in publishing your articles anywhere between 1000 and 4000 words along the following themes:

- 1) Force Development (i.e. recruitment, retention, culture in the CAF; submarines; C4ISR; NORAD modernization, etc.)
- 2) Reflections on Canada's Defence Policy Review and Indo-Pacific Policy
- 3) Or... for something more ambitious, propose a chapter for a book project co-edited by myself and Dr Rebecca Jensen on the topic of civilian/military relations - we are seeking abstracts towards a workshop as a first phase in its deployment - this project is funded by MINDS / DND. (See details [HERE](#) or copy paste this URL <https://cdainstitute.ca/civil-military-relationship/> for the project summary and submission guidelines)

General submissions and inquiries can be sent to [submissions@cdainstitute.ca](mailto:submissions@cdainstitute.ca)

Thank you for your interest, and I look forward to reading you.

Et comme vous le savez, nous acceptons avec grand plaisir les propositions de textes en français. N'hésitez surtout pas à nous contacter dans la langue de Molière.

Au plaisir de vous lire,

Youri Cormier  
Executive Director  
CDA Institute

## SOLDIER READINESS POLICY – RESERVE [SRP-R]

# WHAT ARE THE REQUIREMENTS?

Get to know the new readiness requirements outlined in the SRP-R before its full implementation in the Fall of 2022.

### Attendance requirements:



Reservists need to attend unit training for a minimum of **10** full days per year



Reservists must attend a minimum of one training activity every **60** days

Holiday Season period excluded

### Performance requirements

To maintain readiness, Reservists must complete all the following requirements activities:

#### Mandated training and briefings (published by CADTC)

- Safety Indoctrination
- Harassment and Violence Prevention for Employees (W101)
  - » To be conducted every 3 years
- Portable Fire Extinguisher Training
  - » To be conducted every 4 years
- CA Ethics
- Critical Incident Training

#### Individual Battle Task Standards (IBTS)

The IBTS for CBG HQ and external has to be done periodically according to the following table:

IBTS activities	Applicability	Completion Frequency
Information Security	IS 2	Every 2 years
Media Awareness	IS 1	Every 3 years
Firing Personal Weapon	IS 1	Every year
Perform CBRN Defense	IS 1	Every 3 years
First Aid	IS 1	Every 3 years
Force Test	All	Every year

#### Items from Orderly Room, Transport and Security

##### TO BE UPDATED ANNUALLY BY ALL:

- Medical
- Security clearance
- Will (Form CF 30-1-E) OR Will Certificate (Form CF 30-3-E)
- Terms of service
- Designation of Memorial Cross Recipients (Form DND 2105)
- Next of Kin Identification (Form DND 2587)
- Emergency Contacts Notification (Form CF 742)
- Identification disk and card
- Pers Tempo

##### TO BE UPDATED ANNUALLY ONLY IF APPLICABLE:

- Family care plan
- Military Family Resource Centre (MFRC) registration
- Driver Permit (Form DND 404)
- Civilian driver's license



## Seeking Research Study Participants

Researchers from the Centre for Addiction and Mental Health, the Dallaire Institute for Children, Peace, and Security, Western University, Lawson Health Research Institute, and the MacDonald Franklin Operational Stress Injury Research Centre, are conducting a study to understand the impacts of encountering children recruited and used as soldiers on military personnel, and the training and supports that are needed.

### We are seeking individuals who:

- Are veterans of the Canadian Armed Forces
- Ages 18 and older and living in Canada
- Have witnessed or engaged with children recruited and used as soldiers, to participate in the study.

Participants will be asked to participate in a 1 hour private interview about their experiences relating to child soldiers and the impacts on their well-being, as well as experiences with coping or seeking help.

- Interviews will be conducted virtually using WebEx (details and assistance will be provided).
- Participants will be compensated for their time.

If you are interested in participating, or would like more information, please phone or e-mail Sharon Bernards, Project Coordinator, at (519) 281-6182 or [Sharon.Bernards@camh.ca](mailto:Sharon.Bernards@camh.ca)

*The security of information sent by e-mail cannot be guaranteed. Please do not communicate personal sensitive information by e-mail.*

Principal Investigator: Samantha Wells, PhD  
CAMH REB# 045/2021, Sep 22, 2021

For information about programs and services at CAMH, please visit [www.camh.ca](http://www.camh.ca) or call 416-535-8501 (or 1-800-463-4273)

