



# Royal United Services Institute of Nova Scotia

## Dispatches

### 1 October 2021

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

*Dispatches* is a weekly collection of 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).

#### **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.

**12 October**, Tuesday - Georgetown University Wargaming Society presentation by Robert Engen, Assistant Professor, Canadian Forces College, titled "Going to the Ground: Virtual Games at the Canadian Forces College." 7-9 pm ADT. To register: <https://www.eventbrite.com/e/going-to-the-ground-virtual-games-at-the-canadian-forces-college-tickets-168279688077>

**New: 13 October**, Wednesday - Royal United Services Institute of Vancouver Island webinar with Dr James Kempling, "Canadians in the Spanish Civil War." 1 pm to 2:30 pm PST (join 5 minutes early). Bu Zoom. To register: [https://us02web.zoom.us/webinar/register/WN\\_P2FeDmgkRAq2sCWp20\\_fxQ](https://us02web.zoom.us/webinar/register/WN_P2FeDmgkRAq2sCWp20_fxQ). See poster at end of *Dispatches*.

**20 October**, Wednesday – RUSI(NS) Distinguished Speaker Dr Sarah Lockyer, on the “The Casualty Identification Program: Identifying the remains of Canadian soldiers from the First and Second World Wars and the Korean Conflict.” 1300-1500. Via Zoom. Attendance will be limited. To register, email RUSI(NS) with RUSI(NS) Distinguished Speaker 20 October 2021 Registration as subject line.

**23 October**, Saturday - Edmonton United Services Institute, 700 (City of Edmonton) Wing RCAF Association and Royal Alberta United Services Institute Symposium "Unmanned Vehicles in War and Peace." 0830-1600 Edmonton time. See: <https://rausi.ca/info-events/upcoming-events/rausi-event/eusi-2021-security-and-defence-symposium>

**27 October**, Wednesday – RUSI(NS) Distinguished Speaker RAdm Brian Santarpia, Commander Maritime Forces Atlantic, on Canadian maritime and naval strategy. 1300-1500. Via Zoom. Attendance will be limited. To register, email RUSI(NS) with RUSI(NS) Distinguished Speaker 27 October 2021 Registration as subject line.

**Recent Publications:**

Except where otherwise indicated, publications are available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

RUSI(NS) Comments "The Rohingya – An Open Letter to Canadian Policymakers" by Jay Heisler, 5 August 2021,  
<https://rusi-ns.ca/rohingya-refugee/>

RUSI(NS) Position Paper "The RCAF and Canada Need a Bomber Squadron – A Large Water Bomber Squadron", 30 July 2021,  
<https://rusi-ns.ca/water-bomber-squadron/>

RUSI(NS) Post "Policing and the Pandemic", 26 July 2021,  
<https://rusi-ns.ca/policing-and-the-pandemic/>

RUSI(NS) Presentation "Arctic Special Operations" by Brigadier-General SR Satterfield, 21 July 2021,  
[https://rusi-ns.ca/arctic\\_special\\_operations/](https://rusi-ns.ca/arctic_special_operations/)

**New:** Canadian Marine Industries and Shipbuilding Association *On Watch*, 22 September edition  
[https://send.successbyemail.com/prvw\\_message2.aspx?chno=4f4d5819-4e8c-42b8-9e57-cadc70e4ae07](https://send.successbyemail.com/prvw_message2.aspx?chno=4f4d5819-4e8c-42b8-9e57-cadc70e4ae07)

Edmonton United Services Institute President's *ENews*, September 2021.

Macdonald-Laurier Institute Policy Brief "The need for transatlantic solidarity in the face of today's security challenges" 31 August 2021  
[https://macdonaldlaurier.ca/files/pdf/20210811 NATO solidarity Thiele Sannikov Waschuk COMMENTSARY FWeb.pdf](https://macdonaldlaurier.ca/files/pdf/20210811_NATO_solidarity_Thiele_Sannikov_Waschuk_COMMENTSARY_FWeb.pdf)

**New:** Military Institute of Windsor *Communiqué*, Volume XXXIX Number 9 October 2021.

Nautical Professional Education Society of Canada Newsletter *Seatimes*, August 2021.

Royal Alberta United Services Institute Research Brief "Iranian–Israeli Drone Warfare, Diplomacy and the Alberta Connection" by LJ Howard, August 2021,  
[https://rausi.ca/images/edocman/research/Research\\_Brief\\_Vol\\_2\\_Iss\\_4\\_Iranian\\_Israeli\\_Drone\\_Warfare.pdf](https://rausi.ca/images/edocman/research/Research_Brief_Vol_2_Iss_4_Iranian_Israeli_Drone_Warfare.pdf)

Royal Alberta United Services Institute *Dispatches* September 2021  
<https://rausi.ca/component/acym/archive/79-rausi-dispatches-september-2021?userid=306-QqXJ7Y1xfzfd0M&tmpl=raw>

**New:** Royal Alberta United Service Institute *News* October-December 2021  
<https://www.rausi.ca/news/publications?idU=4>

Royal Canadian Naval Association Admiral Hose Branch *Scuttlebutt*, September 2021 Edition.

Royal United Services Institute of Vancouver Island *Newsletter*, Volume 53, 4th Quarter - August/September 2021.

Royal United Services Institute Victoria (Australia) *Newsletter*, Volume 20, Issue 2, June/July 2021.

**New:** Royal United Services Institute Victoria (Australia) *Occasional*, Volume 8, Issue 4, 27 September 2021.

United Services Institute of Nanaimo and North Island *Newsletter*, Vol 29 No 09, September 2021.

University Naval Training Divisions Association of Canada *Gunroom Shots*, Volume 2, Issue 3, July 2021.

### Shubenacadie Search Update

video: <https://www.youtube.com/watch?v=FWs6zBm4g-w>

"A video outlining the preliminary results of the search at the site of the former residential school site at Shubenacadie."

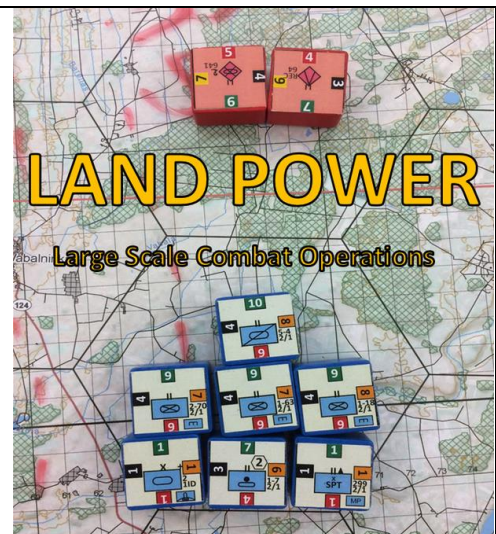
Dr Fowler, lead of the search, will be our Distinguished Speaker when conditions allow, probably later 2022. He will speak about structures, including a Cornwallis fort, underlying Royal Artillery Park.

### Wargaming Opportunity

Sebastian Bae @SebastianBae 4 Sep tweeted: Mike Dunn, a great colleague and wargamer @USACGSC, will be virtually conducting LANDPOWER -- a US Army designed educational wargame -- for @GUWargaming on Nov 30, 6-8PM EST. Register here:

<https://forms.gle/NYmJqdcBqsKiHgWi7>

*A fun (and educational) opportunity for the land types amongst us?*







### **Tweeted by @RUSI NS:**

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

CDA Institute @CDAInstitute 17 Sep 21 tweeted and RUSI(NS) retweeted: Our Latest Expert Series ft. @RANDCorporation's Sean Barnett: "I don't think AI will ever replace human judgment. Human judgment will always be required in certain things that we can't anticipate well enough or don't understand enough to program into AI." (On the Advantages of Incorporating AI Systems into Wargames



<p><a href="https://cdainstitute.ca/d-sean-barnett-on-the-advantages-of-incorporating-ai-systems-into-wargames">https://cdainstitute.ca/d-sean-barnett-on-the-advantages-of-incorporating-ai-systems-into-wargames</a>)</p> <p>The Royal Alberta United Services Institute @TheRAUSI 18 Sep tweeted and RUSI(NS) retweeted: Exploring Gaps in Arctic Governance: Identifying Potential Sources of Conflict and Mitigating Measures. Read and debate through RAUSI website - <a href="https://rausi.ca/research/research/449-exploring-gaps-in-arctic-governance-identifying-potential-sources-of-conflict-and-mitigating-measures">https://rausi.ca/research/research/449-exploring-gaps-in-arctic-governance-identifying-potential-sources-of-conflict-and-mitigating-measures</a> Photo: Frank Ramspott/Getty Images (The Rand Corporation)</p>	
<p>Cool engineering: port facility built with barges, includes berthing &amp; warehousing  <a href="https://www.thinkdefence.co.uk/2021/09/a-new-port-at-port-stanley/">https://www.thinkdefence.co.uk/2021/09/a-new-port-at-port-stanley/</a> Good for austere locations (thinking CAN🇨🇦 #Arctic) &amp; disaster response operations when access (&amp; access control) challenging. Capability for CAN to consider? ("porta-port"?)  (A New Port at Port Stanley)</p>	
<p>Patrick Muncaster @PatrikMuncaster 22 Sep tweeted and RUSI(NS) retweeted: Canada's absence of a geopolitical strategy in an increasingly uncertain and dangerous world has left it adrift in a sea of ambiguity and at therefore at risk.  <a href="https://cbc.ca/news/politics/national-security-committee-1.6183998">https://cbc.ca/news/politics/national-security-committee-1.6183998</a> #cdnpoli #cdndefence #cdnfp #emergencypreparedness #AsiaPacific #cdnmil #complacency  (Experts call for an overhaul of Canada's national security policy to cope with an 'angry' world  <a href="https://www.cbc.ca/news/politics/national-security-committee-1.6183998">https://www.cbc.ca/news/politics/national-security-committee-1.6183998</a>)</p>	
<p>Macdonald-Laurier Institute @MLInstitute 23 Sep tweeted and RUSI(NS) retweeted: NEW: If Canada wants to respond to the threat posed by a rising China's naval power &amp; contribute to the defence of itself &amp; its allies, the @RoyalCanNavy needs new #submarines. @jeffreycollins examines requirements &amp; options for a new sub fleet.  #cdnpoli  (Deadline 2036 – Assessing the requirements and options for Canada's future submarine force  <a href="https://www.macdonaldlaurier.ca/replacing-canadas-submarine-capabilities-jeffrey-f-collins/">https://www.macdonaldlaurier.ca/replacing-canadas-submarine-capabilities-jeffrey-f-collins/</a>)</p>	

Maple Leaf Navy @mapleleafnavy 23 Sep 21 tweeted: The world's only Joint Support Ship (JSS), HNLMS Karel Doorman. Canada and Norway cancelled plans to build these types of ships, opting instead for a traditional AOR. For inexplicable reasons, Canada insists on calling their Berlin Class AORs JSS.

RUSI(NS) retweeted: .@NationalDefence project title is Joint Support Ship (sic singular) often applied colloquially/by media to ship type. @RoyalCanNavy has not announced ship type designation. Likely AOR (auxiliary oiler replenishment). AOR inherently have (can be limited) joint support capability

RUSI(NS) retweeted: RUSI(NS) Info Notes "Auxiliary Oiler Replenishment" <https://rusi-ns.ca/auxiliary-oiler-replenishment/> & "Warships, Combatants, Types and Classes" <https://rusi-ns.ca/warships-combatants-types-classes/>



David Pugliese @davidpugliese 27 Sep tweeted" My latest article....Military leaders saw pandemic as unique opportunity to test propaganda techniques on Canadians, Forces report says

(<https://ottawacitizen.com/news/national/defence-watch/military-leaders-saw-pandemic-as-unique-opportunity-to-test-propaganda-techniques-on-canadians-forces-report-says>)

RUSI(NS) retweeted: Propaganda = information, especially of a biased or misleading nature, used to promote a political cause or point of view (Gov't CANCaterminology bank <https://www.btb.termiumplus.gc.ca/tpv2alpha/alpha-eng.html?lang=eng&i=1&index=ent&srchtxt=PROPAGANDA>) Info Ops ≠ propaganda. Latter routine practice of many political&other groups



The Hub @TheHubCanada 30 Sep tweeted and RUSI(NS) retweeted: @josephbvarner: Canada needs to overhaul and modernize its military justice system (Canada needs to overhaul and modernize its military justice system

<https://thehub.ca/2021-09-30/joe-varner-canada-needs-to-overhaul-and-modernize-its-military-justice-system/>)



### **Educational Wargaming at the German Command & Staff College**

Georgetown University Wargaming Society (GUWS) @GUWargaming 18 tweeted: ICYMI: @kodalle discussed how he leveraged different approaches to combine educational #wargaming and an agile education philosophy -- including his use of Hegemony, Scythe, and other games. Link: [https://www.youtube.com/watch?v=5R50d\\_1a1d4](https://www.youtube.com/watch?v=5R50d_1a1d4)

### **Educational Wargaming at the German Command & Staff College**

**LTC (GS) Thorsten Kodalle**



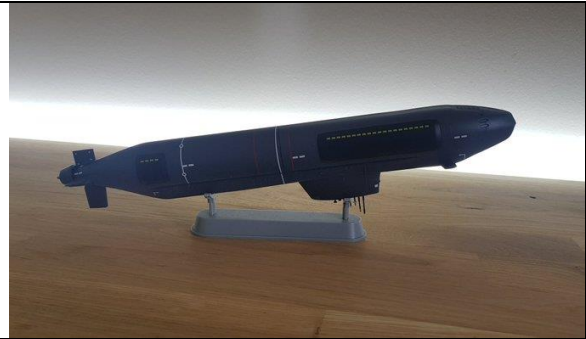
Excellent presentation by LCOL Kodalle, German Army. Considering the increasing attention wargaming is (and should be) getting recently in civil and military institutions, including Canadian, this recording is well worth a view. (There was a "technical nightmare" - speaker's term for an audio drop - from 31:04-c44:00 which requires skipping.)

RUSI(NS) members may recall that we hosted Maj Roach CJWC 23 Jun 21 with his talk "Canadian Joint Warfare Centre – Wargaming" (<https://rusi-ns.ca/wargaming/>).

For other Georgetown University Wargaming Society presentations, see: <https://www.youtube.com/channel/UCwOnVuQu5KoHv0kFiC9yX4Q>

### Humour Check

George Allison @geoallison 21 Sep 21 tweeted: The design for the new Australian nuclear submarine has been revealed.



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

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

### The US government's comic approach to information warfare

<https://thebulletin.org/2021/09/the-us-governments-comic-approach-to-information-warfare>

If it works in getting through to people the dangers of the 'war' that is going on in the public information domain, go for it.

I recall a science-fiction novel set in the future in which public consumption of information had been reduced to comics...



### GA-ASI Flies UAS in the Canadian Arctic

<https://www.ga-asi.com/ga-asi-flies-uas-in-the-canadian-arctic>

"A traditional limitation of long-endurance UAS has been their inability to operate at extreme northern (and southern) latitudes, as many legacy SATCOM datalinks can become less reliable above the Arctic (or below the Antarctic) Circle – approximately 66 degrees north."

There are many challenges to flying drones in the Arctic but certainly communications connectivity is one of them. Autonomous operation helps.



### **In Submarine Deal With Australia, U.S. Counters China but Enrages France**

<https://www.nytimes.com/2021/09/16/world/europe/france-australia-uk-us-submarines.html>

This article provides an analysis of the impacts of the recent AUSUKUS alliance announcement – and also provides background on shifting national interests in various global power blocks.



A good primer in pondering our own Canadian “three ocean” problem.

### **Canadian Coast Guard 2021 Arctic Operations past Mid-Season**

<https://www.canada.ca/en/canadian-coast-guard/news/2021/09/canadian-coast-guard-2021-arctic-operations-past-mid-season.html>

A good summary of Canadian Coast Guard activity.



### **Debut of multifaceted Army unit modernizes fighting force in Europe**

<https://www.stripes.com/branches/army/2021-09-16/Army-Germany-Europe-new-2908149.html>

"...includes a headquarters element along with an intelligence, cyberspace, electronic warfare and space detachment. There also is a brigade support company."



Interesting organization. Something to keep an eye on as a model for future military organizations. Whether Canada establishes (is able to establish) such a unit could be quite the discussion.

### **Does Canada Need a New National Security Policy?**

[https://www.cgai.ca/does\\_canada\\_need\\_a\\_new\\_national\\_security\\_policy](https://www.cgai.ca/does_canada_need_a_new_national_security_policy)

Yes, Canada's one and only policy, "Securing an Open Society: Canada's National Security Policy," released in April 2004, needs a review and overhaul..

See: Securing an Open Society: Canada's National Security Policy  
<https://publications.gc.ca/collections/Collection/CP22-77-2004E.pdf>



**Foreign policy didn't dominate the campaign, but the next government won't be able to ignore it**

<https://globalnews.ca/news/8200236/commentary-foreign-policy-canada-election-campaign/>

If our leadership doesn't make foreign policy a priority, circumstances will.



Canada needs an integrated foreign, defence and security review.

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*From a RUSI(NS) member:* The world and its political-economic life move on and Canada has to decide whether it is a player or not. Whether the issue is Canadian captives in China or China's trade relationship with Canada or the new AUKUS relationship, Canada must finally admit that it is a Pacific nation as much as it is an Anglo-European nation and, foremost, a nation of the Americas.

In the latter case, we must pull our weight in North American defence as well as participating in the security of the Americas. Whether this requires a fleet of nuclear powered submarines is a sub-component of the discussion that deserves consideration. The nuclear powered submarine would be useful in the Arctic Ocean theatre.

The current election has largely ignored foreign policy and defence issues. The absence of such discussion and debate does not serve our country or its interests well.

**Canada's exclusion from 'Three Eyes' only confirms what was already the case**

<https://www.theglobeandmail.com/opinion/article-canadas-exclusion-from-three-eyes-only-confirms-what-was-already-the/>

"... there are clear takeaways from the establishment of the AUKUS partnership that the next government should take note of. Canadian officials need to engage their counterparts on a more sustained basis. And when they meet, they should have something to say that more clearly reflects Canada's interests; allies and partners will find engagement with Canadians more beneficial if we bring a unique, Canadianized perspective – which presupposes, of course, much more effort into defining those interests."



**The Canadian Military Justice System is in Trouble Again**

<https://globalmjreform.blogspot.com/2021/09/the-canadian-military-justice-system-is.html>

"... it may be time to quickly relegate the Canadian Forces National Investigation Service, Military Police's investigatory arm, and the Canadian military justice system to the dustbin of history and take a different approach to military justice."

At least Canadians need an open discussion about the strengths and weaknesses of our military justice system. Does





it suffice or is there need for reform? Canadian society has been evolving and we need to ensure our military justice system reflects that.

### **The US Air Force's special operators are hustling to turn their biggest planes into flying boats**

<https://www.businessinsider.com/air-force-special-operations-command-turning-mc130j-into-flying-boats-2021-9>

The capability to land and take off from water could be particularly useful for operations in austere and devastated conditions such as the Arctic (ice permitting), disaster response and during conflict when main airbases are not available. Flying boats and floatplanes have a long history, including in Canada, and are still in good use by military and civil operators. Have Canadian military staff looked at taking flying boats and floatplanes from civil use (the air equivalent of 'ships taken up from trade' - STUFT) when the aircraft could be of value for military activities?



See also: US Air Force Developing Combat Tanker-Airlifter that Can Land on Water

<https://www.defenseone.com/technology/2021/09/us-air-force-developing-combat-tanker-airlifter-can-land-water/185455/>

### **A Radical Idea: CANZUK in Canadian Foreign and Defence Policy**

[https://www.cgai.ca/a\\_radical\\_idea\\_canzuk\\_in\\_canadian\\_foreign\\_and\\_defence\\_policy](https://www.cgai.ca/a_radical_idea_canzuk_in_canadian_foreign_and_defence_policy)

Now that we know the results of the election, it is time to reflect on the fact that this election was a hidden referendum on one of the most radical policy proposals in Canadian foreign policy history.



*The author is a RUSI(NS) member.*

### **Namejs versus Zapad: Military Exercises on Both Sides of the Frontline**

<https://www.fpri.org/article/2021/09/namejs-versus-zapad-military-exercises-on-both-sides-of-the-frontline/>

"However, it is remarkable how fundamentally similar the threat perceptions underpinning the exercises actually are. Both anticipate an initial hybrid attack; both then transition to conventional operations to engage and defeat the enemy."



Interesting, and appreciated, to read an analysis about the nature and significance of some major exercises rather than just reporting of who participated and what happened. There needs to be more such writing.

### Offshore Sector 'Good Fit' for Alt Fuels

<https://shipandbunker.com/news/emea/145535-offshore-sector-good-fit-for-alt-fuels>

An "offshore floating electrical powerpoint" (powerplant?) to which electrical-drive ships can plug in. Interesting idea.

It does raise the thought that 'refueling' future naval ships could get complicated, if naval groups have a mix of ships with distillate, diesel and alternate fuels. It was challenging enough some decades ago organizing naval operations when some ships were distillate and others bunker C. And matching the various combatants with the appropriate oilers led to some interesting combinations (logistics actually drove what many observers thought were international teamings).

The replenishment 'oiler' of the future could be very different.



### Why Australia's new \$100b submarine could be a waste of money

<https://www.news.com.au/technology/innovation/military/aust-ralias-new-100b-submarine-could-be-a-waste-of-money/news-story/db8c482fe12bc6797df26d36478b1ec6>

Interesting questioning of the future efficacy of submarines.

Considering how long in the future it'll be before Canada replaces its Victoria-class, what is the thinking now in naval circles about the boats and what mix of crewed and drone undersea vehicles the Royal Canadian Navy should have?

*A comment about the article from one of our colleagues:* Transparent oceans have been forecast for some time. They may very well come about eventually...but like most tech it always takes longer than the boffins think. Nuclear-powered aircraft were forecast in the 60s, for example.



### China's gigantic twin-engine, long-endurance armed UAV emerge

<https://www.inceptivemind.com/china-ch-6-gigantic-twin-engine-long-endurance-armed-uav-emerges/21344/>

High-altitude, long-endurance (HALE) drones, long range patrol aircraft operated by adversaries, real and potential, are now going to have to be routinely factored into the thinking and planning of operations of our and allied navies.

Albeit the CH-6 UAV "operating radius (apparent) of 300 km (186 miles)" doesn't put it into the semi- or trans-Pacific threat category yet.



## **Other Sources:**

### **#artificial intelligence**

The British way in AI warfare

<https://wavelroom.com/2021/09/21/the-british-way-in-ai-warfare/>

### **#camouflage**

Uniforms are an obsolete concept

<https://defense-and-freedom.blogspot.com/2021/09/uniforms-are-obsolete-concept.html>

### **#command**

Losing Small Wars: Why US Military Culture Leads to Defeat

<https://smallwarsjournal.com/jrnl/art/losing-small-wars-why-us-military-culture-leads-defeat>

### **#drones**

European navies need extra large unmanned submarines

<https://continental-defence.com/european-navies-need-extra-large-unmanned-submarines>

### **#geostrategy**

Key Decision Point Coming for the Panama Canal

<https://www.csis.org/analysis/key-decision-point-coming-panama-canal>

*Further analyses like these of 'chokepoints' and other significant locations would make good and useful reading.*

### **#information operations**

Information Operations for the Information Age: IO in Irregular Warfare

<https://mwi.usma.edu/information-operations-for-the-information-age-io-in-irregular-warfare/>

China Is Borrowing a Page From Russia's Disinformation Playbook

<https://www.worldpoliticsreview.com/articles/29995/for-china-social-media-is-now-a-tool-for-disinformation>

*A timely read, what with our recent Distinguished Speaker, Mr John Spykerman, Director, Russia Team, Global Engagement Center (GEC), US Department of State and "Information Resilience: Countering Russian Propaganda and Disinformation." More to follow on that presentation.*

### **#intelligence**

The Pacific Fusion Centre: the challenge of sharing information and intelligence in the Pacific

<https://www.aspi.org.au/report/pacific-fusion-centre-challenge-sharing-information-and-intelligence-pacific>

*Consider and compare with our maritime intelligence, operations and security centres.*

### **#NATO**

Book Review: What's Wrong with NATO and How to Fix It

<https://journals.sagepub.com/doi/10.1177/00207020211043938>

### **#Royal Canadian Navy**

Your Navy Today - August 2021

<http://www.navy-marine.forces.gc.ca/en/news-ynt/2021/08-your-navy-today.page>

## **#security**

Why Pandemics are National Security Threat

<https://www.cna.org/news/InDepth/2021/05/why-pandemics-are-national-security-threats>

Canada can do much more with its Five Eyes Allies to respond to China and Russia's Global Threats

<https://www.macdonaldlaurier.ca/canada-evolve-five-eyes-report/>

## **#space**

UK National Space Strategy

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/1020617/national-space-strategy.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1020617/national-space-strategy.pdf)

## **#terminology**

Joint Doctrine Ontology: A Benchmark for Military Information Systems Interoperability

<https://philpapers.org/rec/MORJDO>

## **#veterans**

Over-valorizing vets does more harm than good

<https://taskandpurpose.com/news/sebastian-junger-we-need-to-stop-over-valorizing-veterans/>

## **#war**

War Isn't Precise or Predictable — It's Barbaric, Chaotic, and Ugly

<https://thestrategybridge.org/the-bridge/2017/8/24/war-isnt-precise-of-predictable-its-barbaric-chaotic-and-ugly>

Did Making the Rules of War Better Make the World Worse?

<https://www.newyorker.com/magazine/2021/09/13/did-making-the-rules-of-war-better-make-the-world-worse>

## **#warfare**

Back to the Future: Rediscovering Operational Art in an Era of Great Power Competition

<https://mwi.usma.edu/back-to-the-future-rediscovering-operational-art-in-an-era-of-great-power-competition/>

CGS underlines changing nature of warfare

<https://www.shephardmedia.com/news/defence-notes/dsei-2021-cgs-underlines-changing-nature-warfare/>

Tactical and Strategic Interdependence

<https://thestrategybridge.org/the-bridge/2016/12/18/tactical-and-strategic-interdependence>

China's Successful Foray Into Asymmetric Warfare

<https://www.lawfareblog.com/chinas-successful-foray-asymmetric-lawfare>

## #wargaming

On the Advantages of Incorporating AI Systems into Wargames

<https://cdainstitute.ca/d-sean-barnett-on-the-advantages-of-incorporating-ai-systems-into-wargames/>

Joint Warfare Centre Wargame Design Capability

video: <https://qrco.de/bcKdC2>

## #weapons

U.S. Navy Building 'Portable' Laser Weapon

<https://www.forbes.com/sites/davidhambling/2021/09/27/us-navy-building-portable-laser-weapon/?sh=294775f8247e>

## Other:

### **Security Affairs Committee Synopsis**

#### **O Canada**

The election was fought on response to the pandemic and climate change, however, it is increasingly clear that foreign affairs will now take a major place in the consideration of the Canadian Parliament. The two Michaels are now free, mainly due to the very clear intervention by the US President in direct calls to President Xi. CBC and other media outlets are already talking about a reset with China and Minister Garneau has stated that "Canada's eyes are wide open." We still have not made a decision on Huawei after three years and much abuse from Chinese Communist Party (CCP). It has also been reported that the Chinese language press was used to attack any election candidate who took a hard line with Beijing's point of view. As much as 80% of Canada's Chinese language press is now funded directly and indirectly by the CCP United Front. The United Front is the CCP's propaganda arm. This is apparently a case of foreign interference which should be investigated. This will ensure our overall understanding and make the case to eliminate this type of action not only from China but from any foreign entity during our elections.

I truly wish that there was an independent investigation on this issue. As a Canadian citizen, the thought that an authoritarian state could interfere and change as many as 20 seats, as reported, leaves me cold. New Zealand and Australia have put in place legislation to prevent this from happening but Canada has not. Legislation on this has to be considered based on an independent investigation to Parliament. Our relationship with China has changed in a negative way and this is unlikely to change given the CCP's ongoing belligerence around Asia and the seas around China. Canada remains highly vulnerable to China's hostage diplomacy as more than 300k Canadian citizens live in and around Hong Kong. We need a clear-headed, unbiased review.

#### **China**

The CCP is an increasingly totalitarian regime. It is conducting operations that constitute cultural genocide by the definition of the UN in the case of Tibetans, Uyghers and other smaller minorities. It is at loggerheads with every one of its neighbours and has continued to take illegal actions in the South China Sea. It has used Chinese companies both private and state-owned to undercut competition and has used its economic clout to batter smaller economies into submission. It has been unable to bring its masses out of poverty and nearly half remain to join in the growing prosperity of the other half of the country's population. At the same time, it has entered into a massive military buildup not in manpower

but in modernization of its military services. Its military budget is opaque; officially it is 1.3%, however, military research is not covered nor are major para-military forces. The military budget's actual size is like the overall financial figures; generally a work of fiction.

The CCP is continuing its apparent restructure of their overall economy. The ongoing arrests of company CEOs is continuing although the people now being arrested seem to be from middle level companies. The "new" concept of "shared prosperity" is sending a chill in all investors whether Chinese or foreign. It is expected that this will continue for the foreseeable future with possible dire results.

Several property management companies are now experiencing financial difficulties. The issue with most of these companies is that many of the investors are low- and middle-income Chinese citizens. It has been said that under the Deng policies which switched the country from a strict Communist approach to the economy to a more open market driven economy. It also meant the CCP was now responsible for the general welfare of the economy and raising the number of jobs and the quality of those jobs. The ideal was that the economy would raise everyone's welfare. Xi has changed this equation and the blame for the possible pending financial disaster will likely be placed directly at the feet of the CCP and its leadership and obviously its "core leader," Xi Jinping. His leadership is supposed to be at least reviewed next year. Until recent times, the Chinese President served two terms or ten years before a handover to their successor. Xi changed this and is theoretically able to stay indefinitely. It is a critical time for China and the world. Financial instability of the second largest economy is not a good thing; a collapse would have dire consequences.

There also has been a wholesale change of theatre commanders in the PLA according to Indian media. They also suggest that these new commanders are all part of a group known as the Southeastern Corps who are allegedly supporters of Xi Jinping. If true, it means that Xi is continuing to "reform" the country in his own image not to mention protecting his backside. Mind you, this is open source from a country who is not necessarily the most objective about the China and the CCP in general.

### **Quick Notes**

There are many things happening at the moment such as the fallout from the Russian elections and the regime's inability to stop the opposition from getting its messages out and the general failure of the regime Covid efforts.

Belarus continues to try to send refugees over the border of the Baltic countries and Poland. Most countries have fences up and the refugees are trapped in between the two borders and several have died as a result. Belarus is not being taken to task for its sickening efforts using refugees to punish its European Union neighbours. Russia continues to provide top cover. Negotiations between Russia and Belarus on political union are continuing. A 28 point draft agreement is apparently available. It does not cover defence and security issues.

The Azerbaijan-Armenia conflict continues to percolate with minor skirmishes on both sides. Turkey apparently has re-equipped Azerbaijan, but Russia has not assisted Armenia. Azerbaijan says it is now willing to enter into peace negotiations. This is likely to get much uglier yet.



# RUSI-VI

*To promote national defence and security issues through discussion and engagement*

**Dr. James Kempling**

## ***Canadians in the Spanish Civil War***

The first Canadian volunteers arrived in Spain in early 1937 to fight Fascism, and by the time the Spanish Civil war ended, 1600+ Canadians had served. They would be assigned initially to the American, Abraham Lincoln Battalion. But by the end of July 1937, the Mackenzie-Papineau Battalion, a largely Canadian unit, was formed and named after the leaders of Canada's 1837 Rebellions. The International Brigades were ordered withdrawn finally in late 1938, with the last Canadian volunteers returning to Canada in early May, 1939. Upon their return to Canada, the Mac-Paps' veterans received no recognition from the Canadian government or veteran's support. However, what they did receive were interrogations by the RCMP about their political motivations for volunteering to fight in Spain. Since then, five private memorials have been raised to the Mac-Paps across Canada, including one in Victoria, BC.

Dr. Jim Kempling is a retired Colonel having served in the PPCLI for over 25 years, commanding 2<sup>nd</sup> Airborne Commando in Petawawa and later the 1st Battalion PPCLI. After retirement, he served in a variety of positions including Assistant Deputy Minister, Superintendent of Motor Vehicles in BC, General Manager of the PNE and VP of the Saskatchewan Workers' Compensation Board. Later he ran a successful management consulting business providing project management and strategic planning for public and private agencies in Canada, the US and abroad. He has taught courses at UVic and his research centres on the Great War 1914-1918 in Canada. He received his PhD from UVic.