



## Royal United Services Institute of Nova Scotia

### Dispatches

### 2 April 2021

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

*Dispatches* is a weekly collection of links and news of current interest, included those tweeted and posted by the Institute on social media. Links to articles are checked at the time they are put into *Dispatches* but may be unavailable at a later date or in some states other than Canada.

If you are not a routine recipient of *Dispatches* but wish to be so, email the Institute's Chief Information Officer (CIO) at [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com). If you do not want to receive *Dispatches*, or wish to receive it at some different frequency, please inform the CIO. If you wish to receive *Dispatches* at a different address (i.e., not your work address), please inform the CIO. Past editions of *Dispatches* may be requested by contacting the CIO.

Everyone is encouraged to email to the CIO links and other content to be included in *Dispatches*.

Submissions and feedback are welcome anytime. Comments to articles can be from members or non-members of RUSI(NS). Any comment in *Dispatches* is the sole opinion of the author and does not necessarily represent the views of the Canadian Department of National Defence, the Canadian Armed Forces, the Royal Canadian Mounted Police or the Royal United Services Institute of Nova Scotia

RUSI(NS) also publishes:

A weekly Dimensions Newsletter, (formally called *Defence & Security Newsletter*) aimed at opinion leaders and industry. If you are interested in receiving this newsletter, email [admin@duncom.ca](mailto:admin@duncom.ca); and

#### Events:

To list an event in *Dispatches*, email the CIO by noon Thursday. If you have an idea for a topic or speaker, please email [RUSINovaScotia@gmail.com](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.

**Note:** Retirements and other factors have led to the unavailability of the Distinguished Speaker (and alternatives) for April 2021. Options are under consideration, and plans will be announced later.

**8 April**, Thursday - Royal Alberta United Services Institute and Valour Canada presentation "The Battle of Vimy Ridge." 6 pm MST (8 pm EST). Free video-conference. To register, e-mail [contact@valourcanada.ca](mailto:contact@valourcanada.ca).

**New: 21 April**, Wednesday - Navy League of Canada Virtual Speaker Rear-Admiral Brian Santarpia, Commander Maritime Forces Atlantic, will provide an update on current initiatives, operations and the future fleet. 1230 EST. Via MS Teams. Spaces are limited. To register, email [rsvp@navyleague.ca](mailto:rsvp@navyleague.ca).

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

## Recent Publications:

**New:** RUSI(NS) Paper “Why Pilot Training Production for the RCAF is Failing and Why are Pilot Losses Mounting” by Murray Lee, 31 March 2021

<https://rusi-ns.ca/pilottraining/>”

RUSI(NS) Presentation “Marine Security Operations Centre - East” by Cora Pictou, 17 March 2021

<https://rusi-ns.ca/marine-security-operations-centre-east/>

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

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

Naval Association of Canada Toronto Branch presentation "Canadian Naval Heraldry" by LCdr (ret'd) Donald Williamson, 2 March 2021

<https://www.youtube.com/watch?v=uLLES3VOK-Y>

**Emended:** Institute for Security Policy at Kiel University "The Americas Series" (Zoom recording) presentations

“Canada and USA,” 18 February 2021

“Seapower from a South American Perspective & Colombian Naval Strategy,” 8 March 2021

“Brazilian Naval Strategy & China and IUU Problems in South America,” 11 March 2021

<https://kielseapowerseries.com/en/the-americas-series.html>

The Military Institute of Windsor Communiqué Volume XXXIX, Number 3, March 2021 is available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

The United Services Institute of Nanaimo and North Island Newsletter Vol 29, No 03, March 2021 is available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

US Northern Command's The Watch, Issue 3, Great Power Competition

<https://thewatch-magazine.com/v3-eng/>.

The Newsletter of the Royal United Services Institute of Vancouver Island, Volume 54, 2nd Quarter 2021 is available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

Canadian Marine Industries and Shipbuilding Association "On Watch" 24 March edition

[https://send.successbyemail.com/prvw\\_message2.aspx?chno=2b8dad74-f615-4d50-b71b-b17a64d5380d](https://send.successbyemail.com/prvw_message2.aspx?chno=2b8dad74-f615-4d50-b71b-b17a64d5380d).



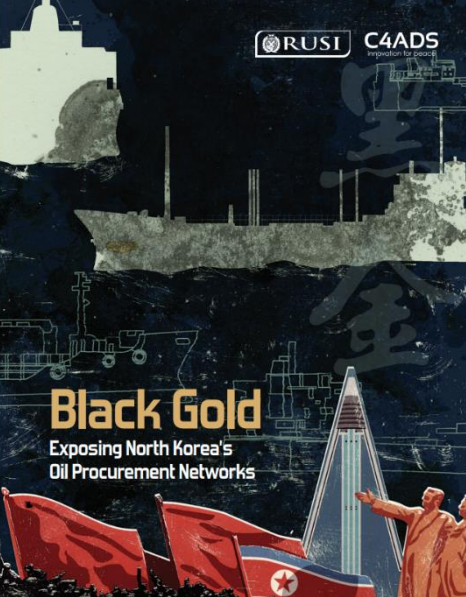

Includes links to articles like "Why Canada needs 15 state-of-the-art frigates" and "U.S. Coast Guard to send icebreaker through Northwest Passage with Canada's consent."

**New:** The Edmonton United Services Institute President's Enews April 2021 is available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

**New:** The Royal United Services Institute Victoria (Australia) Occasional Volume 5 | Issue 2 29 March 2021 is available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

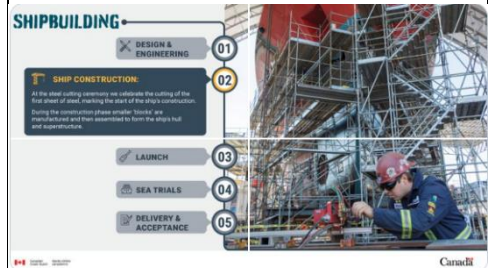
**New:** The Royal United Services Institute of Victoria (Australia) Newsletter Volume 20 Issue 1 – March 2021 is available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

**Tweeted by @RUSI\_NS:** RUSI(NS) tweets may also be viewed by clicking on the icon at <https://RUSI-NS.ca>. To have something tweeted or retweeted, email the CIO at [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).  
Original article title in parentheses.

<p>"Canadianization of the Joint Support Ship"  <a href="https://www.navyrecognition.com/index.php/news/defence-news/2021/march/9886-canadianization-of-the-joint-support-ship.html">https://www.navyrecognition.com/index.php/news/defence-news/2021/march/9886-canadianization-of-the-joint-support-ship.html</a> Replenishment oilers #AOR being built by @MoreThanShips under #JSS project will provide robust long-range, long-endurance support&amp;services to operations by @RoyalCanNavy&amp;allies #BlueWaterNavy</p>	
<p>"Air Force assessing pristine Sable Island as rescue-staging area for helicopters"  <a href="https://www.cbc.ca/news/canada/nova-scotia/air-force-assessing-sable-island-as-rescue-staging-area-for-helicopters-1.5965630">https://www.cbc.ca/news/canada/nova-scotia/air-force-assessing-sable-island-as-rescue-staging-area-for-helicopters-1.5965630</a> "ability to refuel helos on Sable Island...would increase life-saving capabilities by...extending current range of @RCAF_ARC search &amp; rescue services in surrounding Atlantic"</p>	
<p>"Black Gold - Exposing North Korea's Oil Procurement Networks" <a href="https://rusi.org/publication/other-publications/project-sandstone-special-report-black-gold-exposing-north-koreas-oil">https://rusi.org/publication/other-publications/project-sandstone-special-report-black-gold-exposing-north-koreas-oil</a> @CanadianForces #OpNEON - CANADA contribution to multinational effort to support UN Security Council sanctions against North Korea  <a href="https://www.canada.ca/en/department-national-defence/services/operations/military-operations/current-operations/operation-neon.html">https://www.canada.ca/en/department-national-defence/services/operations/military-operations/current-operations/operation-neon.html</a>  <i>If you cannot get behind the RUSI page, the report is available on request to <a href="mailto:RUSINovaScotia@gmail.com">RUSINovaScotia@gmail.com</a>.</i></p>	
<p>Royal Canadian Air Force @RCAF_ARC 29 Mar tweeted and RUSI(NS) retweeted: Flight Safety Investigation Report for Kamloops Snowbirds accident. The Royal Canadian Air Force's Directorate of Flight Safety has concluded its investigation into an accident involving the Snowbirds in Kamloops. <a href="http://rcaf-arc.forces.gc.ca/en/article-template-standard.page?doc=flight-safety-investigation-report-for-kamloops-snowbirds-accident/kmjrsr5t2">http://rcaf-arc.forces.gc.ca/en/article-template-standard.page?doc=flight-safety-investigation-report-for-kamloops-snowbirds-accident/kmjrsr5t2</a></p>	

Canadian Coast Guard @CoastGuardCAN🇨🇦 29 Mar tweeted: We have reached a milestone on our #OceanographicOffshoreScienceVessel project with @MoreThanShips! Today, we are celebrating the cutting of the first sheet of steel. #CCGProud to be revitalizing CAN🇨🇦 shipyards & delivering science programs at sea. #NationalShipbuildingStrategy

RUSI(NS) retweeted: "Seaspan Shipyards starts construction of Canada's most modern science research ship"  
<https://www.newswire.ca/news-releases/seaspan-shipyards-starts-construction-of-canada-s-most-modern-science-research-ship-844676795.html> #NationalShipbuildingStrategy #NSS



RUSI(NS) Paper "Why Pilot Training Production for the RCAF is Failing and Why are Pilot Losses Mounting"  
<https://rusi-ns.ca/pilottraining/>



HalifaxShippingNews @HfxShippingNews 31 Mar tweeted: CCGS Edward Cornwallis has been renamed <https://blog.halifaxshippingnews.ca/2021/03/ccgs-edward-cornwallis-renamed.html> (CCGS Edward Cornwallis renamed <https://blog.halifaxshippingnews.ca/2021/03/ccgs-edward-cornwallis-renamed.html>)

RUSI(NS) retweeted: Naming/re-naming government ships due to socio-political reasons is traditional prerogative of governments. @CoastGuardCAN🇨🇦 regulation on naming ships may need review <https://rusi-ns.ca/naming-dedication-canadian-coast-guard-ships/> Welcome CCGS Kopit Hopson 1752

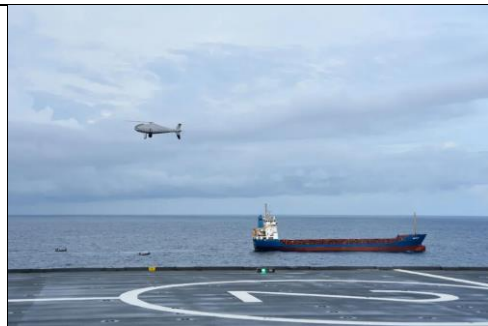


Royal Canadian Navy @RoyalCanNavy 31 Mar tweeted: Beautiful shots of @HMCS\_NCSMSask's deployment on #OpCARIBBE #WeTheNavy #ReadyAyeReady  
 Brian Santarpia @BrianSantarpia 31 Mar retweeted: The RCN provides an incredible opportunity for adventure as part of a team, while contributing to the security of Canadians. Op Caribe allows us to work with allies to stem the flow of narcotics and to help every country in the region to uphold the rule of law.  
 RUSI(NS) retweeted: #OpCARIBBE = CAN🇨🇦 participation in US-led counter-narcotics ops in Caribbean Sea & eastern Pacific Ocean. @CanadianForces ships & aircraft deploy to region on rotational basis to support US mission to suppress trafficking in international waters & airspace  
<https://www.canada.ca/en/departement-national-defence/services/operations/military-operations/current-operations/operation-caribbe.html/>



**Posted on Facebook Royal United Services Institute NS with comments:**

Record Drug Seizure By The French Navy In The Gulf Of Guinea  
<https://www.navalnews.com/naval-news/2021/03/record-drug-seizure-by-the-french-navy-in-the-gulf-of-guinea/>



Interesting in this article is to see a picture of a French Navy aerial drone providing top-cover (at least, oversight) of boarding party boats from the French Ship DIXMUDE standing off the cargo vessel NAJLAN (six tons of cocaine were discovered).

Leads one to think that the various Canadian government departments and agencies involved in anti-drug and similar law enforcement operations would do well to co-ordinate their drone capability development efforts (operating protocols, control frequencies, etc.).

Almost Overnight, New Ships Make U.S. Coast Guard A Big Geopolitical Player  
<https://www.forbes.com/sites/craighooper/2021/03/26/almost-overnight-new-ships-make-us-coast-guard-a-big-geopolitical-player/>



Reading this article and noting the extracts below, this Canadian, whilst acknowledging that the Canadian Coast Guard (CCG) is different in many significant ways from the US Coast Guard, wonders what the increasing capabilities of the CCG could mean to the Government of Canada when

considering options in international relations. Does there need to be a public discussion? What is the government policy that directs the development of the CCG? What is the CCG development strategy?

"... the American government is suddenly realizing that the new capabilities in America's recapitalizing cutter fleet are perfectly suited to address many of today's pressing maritime law enforcement challenges.

"This abrupt alignment of materiel to mission will fundamentally change the Coast Guard, making America's dowdy old life-saving and drug-interdicting service a far more dynamic participant in Washington's big geopolitical debates than many of the usual players expect."

"... the Coast Guard is now firmly in the business of dispatching multi-mission, quasi-diplomatic law enforcement vessels across the globe."

"As the Coast Guard operates further and further forward, a number of other U.S. geopolitical stakeholders will want the U.S. Coast Guard's unique international standing and operational assets available for their own particular purposes."

The U.S. Is Playing Catch-Up on Hypersonics. Here's How.

<https://www.airforcemag.com/the-u-s-is-playing-catch-up-on-hypersonics-heres-how/>



More and more articles are coming out about hypersonics. This is a fast moving field. Will impending Canadian defence projects (Future Fighter Capability, Canadian Surface Combatant) include the possibility of integrating hypersonic weapons into the platforms over their (likely several decades) lifetimes?

Classified US military war game set to take place as concerns about threats posed by China and Russia increase

<https://www.cnn.com/2021/03/27/politics/us-war-game-russia-china/index.html>

The "Arctic exercises" part of the CNN article appears to describe Exercise AMALGAM DART. See: "NORAD Conducts Arctic Air Defense Exercise AMALGAM DART" (<https://www.norad.mil/Newsroom/Article/2538728/norad-conducts-arctic-air-defense-exercise-amalgam-dart/>).



"US military experts say this underlines why war games like the upcoming summer exercise are so important to ensure the military can practice and plan ahead before a crisis hits." Whilst it can be argued there is overlap between the definition of wargames and exercises (and the reporter makes a good point), anyone who has participated in either knows the difference. It is regrettable that reporters

continue to use the term wargaming in an apparently emotionally inflaming manner. Hopefully such use is just because reporters don't know the subtleties. Hmm, maybe reporters should be invited to more wargames (they do get invited to exercises).

*AMALGAM DART will be subject of an upcoming RUSI(NS)-NORAD Distinguished Speaker event. It is planned to make wargaming subject of a RUSI(NS) event this summer.*

New Experimentation Unit to Supercharge Army Transformation

<https://www.army.mod.uk/news-and-events/news/2021/03/experimentation-battlegroup/>



Cool. "The British Army is launching a trail-blazing Experimentation Battlegroup which will pit soldiers, new equipment, technology and tactics against the hybrid and conventional threats posed by terrorist, proxy and state adversaries." Is there anything similar in the Canadian Army?

Big Toys: British, Ground-Launched, Long-Range Precision Strike

<https://wavellroom.com/2019/09/19/big-toys-the-requirement-for-a-british-ground-launched-long-range-precision-strike-capability/>



Dated a bit, but relevant articles and points considering recent advancements of weapons (e.g., roll-out of hypersonics).

So far, there has not been much public comment on long-range Canadian missiles, e.g., for coast defence. The Canadian Surface Combatant project frigates will carry land-attack Tomahawk. What might be the resulting command and control?

France summons Chinese ambassador over 'unacceptable' tweets

<https://www.france24.com/en/asia-pacific/20210323-france-summons-chinese-ambassador-over-unacceptable-tweets>



The article should be of interest to all Canadians. The reason? Lu Shaye was just appointed China's Ambassador to France from his last posting ... to Ottawa as China's Ambassador to Canada.

In Canada, Lu Shaye was never brought to heel by the Government of Canada, even after calling Canada racist and worse over our shutting borders down to Chinese as a precaution to help slow the spread of Covid 19. He made a lot of other comments that likely would have had him thrown out of France entirely but not Canada where nary a peep was heard from Ottawa. His successor has continued

to make comments that really should have had him packing for home as persona non grata but again, our government has failed to bring him to account.

The main duty of any government is the protection and security of the country and its people. The lack of effort or common sense in our relations with China is certainly a major concern requiring an all-party understanding of the very real threat China poses to our economy, our citizens and our sovereignty. This is not to say that the country should not deal with China, but rather have a very clear understanding that China under the Communist Chinese Party (CCP) is not and never will be a trusted partner. Every deal should be limited in scope and always scrutinized for possible challenges from the CCP.

Canadian group echoes China's party line on Uyghurs after getting \$160,000 in public funds

<https://nationalpost.com/news/canada/canadian-group-echoes-chinas-party-line-on-uyghurs-thanks-to-160000-in-public-funding>



A National Post article written by Tom Blackwell, 17 March 2021. The article is truly breathtaking in the sheer 'brass' of the alleged community group. Apparently they were founded by a Liberal MP, Geng Tan, in 2019.

The Chinese language press in Canada has been heavily funded by the Chinese Communist Party's (CCP) United Front, the CCP's propaganda arm. Now we find that our own country is being undermined by an organization that perpetuates Beijing's 'truth,' which of course is not. It is not as if we do not have survivors and families of Uyghurs living in Canada who are missing loved ones who have disappeared into the Chinese concentration camp system. The Canadian who has been in custody since 2006 was kidnapped while visiting Uzbekistan and is still held by the CCP.

RUSI(NS) has commented before about the funding of the Chinese language press and the Confucius Institutes, as they are part and parcel of the CCP's infiltration methods. Canada needs to follow Australia's lead in eliminating the interference and influence of a hostile power.

China slams Canada forming 'clique' to interfere in judicial process as Beijing tries Canadian Michael Kovrig over espionage charge

<https://www.globaltimes.cn/page/202103/1219092.shtml>



Written by Cao Siqi on 22 March 2021. This gives a Communist Chinese Party (CCP) view of the current trials, which is interesting to say the least. Poor CCP being bullied by mean old Canada for forming a clique against them just because China is carrying out a sham trial based on the whims of the CCP. Still it is good to note their views and their apparent discomfort that they are seen as the villains in the eyes of the Liberal democracies.



The CCP controls the courts. There is little or no separation of powers and the political arm of the CCP is the view that will define the verdict and subsequent sentence for Michael Spavor and Michael Kovrig. The trial is merely to go through the pantomime of rule of law.

What is interesting to see is that many Western companies, including Canadian companies, are still investing in China. One has to wonder at the naivety of these companies in thinking that they will be fairly treated or that they will not be robbed blindly, as one Canadian mining company found out the hard way recently, losing their mine to Chinese 'legal' processes. One only has to remember that Ford built factories in Germany just prior to the Second World War. One has to wonder whether Western technology will also be used against us. The answer is already 'yes' as Western countries are steadily attacked using cyber technology largely developed by the West.

How bees and drones team up to find landmines

<https://www.bbc.com/news/business-56344609>



Hmm, maybe our Canadian Army military engineering regiments should include a mine-clearing apiarist troop...

I bet it will be pretty tricky to get the bees to wear little helmets.

Fatigue management in rail, marine and air transportation

<https://www.tsb.gc.ca/eng/surveillance-watchlist/multi-modal/2018/multimodal-03.html>



How many battles/actions have been lost due to fatigue...

Fortunately there is now more attention to this amongst military, security and safety agencies.





New Small Aircraft Carrier Unlikely, Admiral Says As US Navy Begins New Assessment

<https://www.defenseone.com/business/2021/03/new-small-aircraft-carrier-unlikely-admiral-says-us-navy-begins-new-assessment/173024/>



So if the US Navy has no reason to develop small/light aircraft carriers (CVL) because of their current fleet of large carriers and aircraft-capable amphibious ships (L-type), maybe the US would do well to assist their allies in developing CVL, thereby ensuring the availability of such ships when situations so require such level of capability.

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

 <p><b>RUSI</b> www.rusi.org</p> <p>This Week</p> <p><a href="https://mailchi.mp/usi.org/weekly26march2021-171461?e=a539211a30">https://mailchi.mp/usi.org/weekly26march2021-171461?e=a539211a30</a></p>	
<p>Why Pilot Training Production for the RCAF is Failing and Why are Pilot Losses Mounting</p> <p><a href="https://rusi-ns.ca/pilottraining/">https://rusi-ns.ca/pilottraining/</a></p>	
<p>China's defence minister on Europe mission as US tries to rally Nato</p> <p><a href="https://www.scmp.com/news/china/military/article/3127035/chinas-defence-minister-europe-mission-us-tries-rally-nato">https://www.scmp.com/news/china/military/article/3127035/chinas-defence-minister-europe-mission-us-tries-rally-nato</a></p>	

North Korea's weapons of mass destruction in 2021 and beyond

[https://macdonaldlaurier.ca/files/pdf/20210317\\_North\\_Korea\\_weapons\\_Panda\\_COMMENTARY\\_FWeb.pdf?mc\\_cid=9f48cb0d50&mc\\_eid=a8426c0175](https://macdonaldlaurier.ca/files/pdf/20210317_North_Korea_weapons_Panda_COMMENTARY_FWeb.pdf?mc_cid=9f48cb0d50&mc_eid=a8426c0175)



Taiwan releases new defense review aimed at countering Chinese tactics

<https://www.defensenews.com/global/asia-pacific/2021/03/26/taiwan-releases-new-defense-review-aimed-at-countering-chinese-tactics/>



China announces further military exercises in disputed South China Sea

<https://www.scmp.com/news/china/military/article/3127271/china-announces-further-military-exercises-disputed-south-china>



Taiwan reports largest ever incursion by Chinese air force

<https://www.scmp.com/news/world/united-states-canada/article/3127218/taiwan-reports-largest-ever-incursion-chinese-air>



Singapore's new transport helicopters have arrived

<https://www.defensenews.com/global/asia-pacific/2021/03/29/singapores-new-transport-helicopters-have-arrived/>



Japan, Indonesia sign arms transfer pact amid China concerns

<https://www.defensenews.com/global/asia-pacific/2021/03/30/japan-indonesia-sign-arms-transfer-pact-amid-china-concerns/>



China issues strong warning to Japan over ‘negative moves’ in East China Sea dispute

<https://www.scmp.com/news/china/diplomacy/article/3127813/china-issues-strong-warning-japan-over-negative-moves-east>



Philippines Demands China Remove Vessels at 6 Islands, Reefs

<https://thediplomat.com/2021/04/philippines-demands-china-remove-vessels-at-6-islands-reefs/>



US, Philippines discuss Chinese ‘swarming’ in South China Sea

<https://www.aljazeera.com/news/2021/4/1/us-philippines-discuss-chinese-swarming-in-south-china-sea>



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

### **#cyber operations**

Authorities and Legal Considerations for US Cyber and Information Operations in a Contested Environment

<https://mwi.usma.edu/authorities-and-legal-considerations-for-us-cyber-and-information-operations-in-a-contested-environment/>

## **#defence policy**

The UK's Integrated Review: How Does It Stack Up?  
<https://rusi.org/commentary/integrated-review-how-does-it-stack>

Size does not matter: the UK's continuing great power status  
<https://wavellroom.com/2021/03/26/size-does-not-matter-the-uks-continuing-great-power-status/>

## **#drones**

Status Report: (US) Navy Unmanned Aerial, Subsurface Platforms  
<https://news.usni.org/2021/03/26/status-report-navy-unmanned-aerial-subsurface-platforms>

The U.S. Army Goes to School on Nagorno-Karabakh Conflict  
<https://foreignpolicy.com/2021/03/30/army-pentagon-nagorno-karabakh-drones/>

Report on Navy Large Unmanned Surface and Undersea Vehicles  
<https://news.usni.org/2021/03/30/report-on-navy-large-unmanned-surface-and-undersea-vehicles-3>

## **#education**

Intellectual Discipline: The missing Core Value  
<https://wavellroom.com/2020/11/05/intellectual-discipline-the-missing-core-value/>  
*"Learning Organisations Defeat Insurgencies, Hierarchical Bureaucracies Do Not"*

## **#ethics**

Ethics: Starting at the Beginning  
<https://wavellroom.com/2018/08/23/ethics-starting-beginn>

## **#intelligence**

The Coastwatchers: Intelligence Lessons Learned for the Future Single Naval Battle  
<https://cimsec.org/the-coastwatchers-intelligence-lessons-learned-for-the-future-single-naval-battle/>

Trustable AI: A Critical Challenge for Naval Intelligence  
<https://cimsec.org/trustable-ai-a-critical-challenge-for-naval-intelligence/>

The Unique Intelligence Challenges of Countering Naval Asymmetric Warfare  
<https://cimsec.org/the-unique-intelligence-challenges-of-countering-naval-asymmetric-warfare>

## **#media operations**

A Year of Mapping Media Impacts of the Pandemic in Canada: COVID-19 Media Impact Map for Canada Update, March 11, 2021  
<https://j-source.ca/article/a-year-of-mapping-media-impacts-of-the-pandemic-in-canada-covid-19-media-impact-map-for-canada-update-march-11-2021/>

## **#reading**

From Balloons to Drones Recent Articles and Books (March 2021)  
<https://balloonstodrones.com/2021/03/31/researchresources-recent-articles-and-books-march-2021/>

## **#Royal Canadian Navy**

Canada's Role in the Fourth Battle of the Atlantic  
podcast: <https://cimsec.org/sea-control-235-canadas-role-in-the-fourth-battle-of-the-atlantic/>

"Commander Peter Sproule and Rear Admiral Brian Santarpia join the podcast to discuss Peter's award-winning article in the Canadian Naval Review, "Canada and the Fourth Battle of the Atlantic" ([https://www.navalreview.ca/wp-content/uploads/public/vol16num3/cnr\\_vol16\\_3\\_article\\_sproule.pdf](https://www.navalreview.ca/wp-content/uploads/public/vol16num3/cnr_vol16_3_article_sproule.pdf)). The group discusses the evolution of the Royal Canadian Navy, command-and-control challenges protecting the supply line to Europe, what Canada can contribute, and some suggestions for the future."

### #strategy #China

The Shape of Things To Come: Why the Pentagon Must Embrace Soft Power to Compete with China  
<https://mwi.usma.edu/the-shape-of-things-to-come-why-the-pentagon-must-embrace-soft-power-to-compete-with-china>

### #strategy

U.S. Navy's 1980s Maritime Strategy

<https://cimsec.org/1980s-maritime-strategy-series-kicks-off-on-cimsec/>

*The headline says 'kicks off' but the article lists all the strategy articles of the series.*

### #warfare

Dated a bit, but relevant articles and points considering recent advancements of weapons (e.g., roll-out of hypersonics).

So far, there has not been much public comment on long-range Canadian missiles, e.g., for coast defence. The Canadian Surface Combatant project frigates will carry land-attack Tomahawk. What might be the resulting command and control?

Gray is Here to Stay: Principles from the Interim National Security Strategic Guidance on Competing in the Gray Zone

<https://mwi.usma.edu/gray-is-here-to-stay-principles-from-the-interim-national-security-strategic-guidance-on-competing-in-the-gray-zone/>

The infinite game: How the US Army plans to operate in great power competition

<https://www.defensenews.com/land/2021/03/29/the-infinite-game-how-the-us-army-plans-to-operate-in-great-power-competition/>

Note: "The Army in Military Competition" (1 Mar 21)

<https://api.army.mil/e2/c/downloads/2021/03/29/bf6c30e6/csa-paper-2-the-army-in-military-competition.pdf>

### Other:

Government of Canada **Science & Technology Challenges** – 2021

Call for proposals: [http://science.gc.ca/eic/site/063.nsf/eng/h\\_98225.html](http://science.gc.ca/eic/site/063.nsf/eng/h_98225.html)

The program is looking for ideas to mitigate the effects of future high-impact, low-frequency events such as pandemics, natural disasters, or other disruptive forces caused by natural events or human activity. The challenges are aimed at reducing societal and economic disruptions, bolster the security of critical supply chains, and develop confidence in automation and virtual operations to enhance domestic resiliency.

Glad to see that the overall theme is "Resilience in a Post-Pandemic world."

## **Security Affairs Committee Synopsis**

### **The Russian Scene**

Alexei Navalny is in poor shape and his health is deteriorating. Pleas, including from his wife, for medical assistance have fallen on deaf ears in the prison system. Demonstrations are continuing despite the crackdown on his supporters and there is growing concern that this will not stop, either in Belarus or in Russia itself. Putin is no longer seen as the saviour of Russia but as a major problem, increasingly so for oligarchs who previously gained through their relations with him. If one follows Russians on various platforms it is clear the regime has not been able to silence a growing chorus of anti-Putin material.

Lukashenko in Belarus is also seen as ‘a dead man walking’ as he has virtually zero support except from security forces. Both he and Putin are now seen as yesterday’s men, perhaps both countries will be looking for younger more dynamic leaders.

### **The Far East: China**

China has been taken off guard to a certain degree by the multi-lateral reaction to the trials of the two Canadians when up to 24 countries sent representatives to try to enter the court rooms. Pictures were sent around the world of Chinese police stopping the diplomats from entering a trial, largely considered a kangaroo court (except that would give kangaroo courts a bad name) with a conviction rate of around 99% made possible by lengthy pre-trial incarceration coupled with torture and abuse. It was not the publicity China wants. Sanctions have followed from multiple countries on the ongoing genocidal actions within East Turkestan, also known as Xinxiang Province, which has been occupied by the Communists in 1950. The Communist Chinese Party (CCP) have stated that this is an internal affair but the bottom line is they attacked and invaded the country and have, by some accounts, occupied it illegally since. It is therefore not an internal matter but one of an illegal occupation.

China is also using its Maritime Militia to occupy a Philippine shoal within the Philippines’ Economic Zone, with more than 220 Maritime Militia vessels being present. Use of their fishing fleet and ‘non-military’ agencies is a method of the Chinese ‘Three Wars Concept’ of using force up to and sometimes entering into coercive tactics and low-level kinetic action to achieve their political aims. It can be assumed that this type of action will continue unless more forceful counter action can be taken. The resulting mess, however, may be difficult to control, to say the least. One has to wonder how far Xi will go to achieve a victory over his neighbours. The actions of the CCP appear to be bordering on active conflict.

### **Taiwan**

Pressure on Taiwan continues with the largest ever formation of Chinese combat aircraft entering Taiwan’s Aircraft Detection and Identification Zone (ADIZ) this week with more than 20 aircraft involved. US and Taiwanese negotiations on cooperation are continuing.

### **North Korea**

North Korea launched ballistic missiles this week in violation of multiple UN resolutions on this matter. It is thought the North Koreans are using these ‘tests’ to draw the attention of the Biden administration. The rhetoric was truly a fine example of North Korean “diplomatic language” that is almost childishly laughable if it were not for their nuclear weapons and the fate of millions due to an increasingly erratic North Korean government.

### Canada's Weak Foreign Policy

Lastly, listening to our Foreign Minister, the Honourable Marc Garneau, in relation to Canada's actions with allies on China and more specifically against the CCP, his comments of China being a bully were also naïve to a large extent. It shows how Canada's efforts in the world have been based on shallow definitions and over simplistic views of the world. Successive governments of all stripes have failed to specify what Canada's vital ground is, what are our key issues that we maintain, how we organize to ensure these areas are protected and what methods are we willing to use. It falls to the point that we lack a modern foreign policy. Canadian citizens realize the need for clarity so that they clearly understand why Canada must do certain actions. This has never been clearly articulated and it shows in Canada's 'schoolyard rhetoric' on national radio. As a retired soldier with family in the military who may be forced to see one's family sent off on half-baked, inconsequential missions without an over-riding national foreign policy that is mature, is difficult to say the least. An all-party understanding of Canada's interests and the subsequent support is vital for the long-term health of the country.

(US) **Joint Force Quarterly** 101 (2nd Quarter, April 2021)

<https://ndupress.ndu.edu/Media/News/Article/2557712/joint-force-quarterly-101-2nd-quarter-april-2021/>

including in contents:

#NORAD - Deter in Competition, Deescalate in Crisis, and Defeat in Conflict

(A copy can also be obtained by emailing [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).)

#NATO - U.S. Joint Doctrine Development and Influence on NATO