



Royal United Services Institute of Nova Scotia

Dispatches

19 June 2020

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. 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 *Defence & Security Newsletter*, aimed at opinion leaders and industry. If you are interested in receiving the newsletter, or want past editions, email admin@duncom.ca.

COVID-19

The Canadian Armed Forces and COVID-19 -- June 12 update

Colleagues and partners in defence,

Since the beginning of the COVID-19 outbreak in Canada, the Canadian Armed Forces have been heavily involved in the whole-of-nation response. Three months later, Op LASER continues to be a tremendous effort *across* the Defence Team — from the Canadian Rangers, to Regular and Reserve Forces members, to civilian staff. Yet, as rates of infection decrease across the country, the Canadian Armed Forces, are beginning to resume regular business in a controlled environment. Though many of our Op LASER activities will continue, some will soon conclude.

Two weeks ago, we received a request from the Province of Quebec to extend our work in long-term care facilities (LTCF). It was necessary to take our time and thoroughly consider how a long-term deployment could impact the CAF ability to resume regular operations and activities. As I noted last week, a long-term deployment of our medical personnel poses significant challenges to CAF readiness. Without our medical teams in their normal roles, much of our regular business — recruiting, training, operations, contingency planning, and transition of members looking to release from the military — cannot occur.

It is with this in mind, that the CAF will remain in Quebec and Ontario facilities until June 26th. Our focus is on ensuring our military personnel are where they need to be to make the biggest impact. Working in close collaboration with the provinces we have already begun to transition out of facilities that have stabilized, and our personnel have moved to support other facilities that are in the greatest need of assistance. We will continue to monitor the situation closely and ensure that our eventual transition out of facilities is closely coordinated with provincial authorities, and conducted in a safe and responsible manner. Furthermore, the CAF will stay in individual facilities beyond June 26th if it is needed for them to stabilize in accordance with transition criteria. The CAF will also hold a limited number of augmented civilian care teams in reserve should acute needs arise.

While the CAF is still operating in these facilities, their health, and the health of those they are serving remains a top priority. All symptomatic personnel are already being tested, and we have developed a new testing strategy to ensure the following:

- All CAF members will be tested prior to their deployment to a LTCF;
- CAF members will be re-tested if a province or facility mandates additional testing;
- All CAF members having ended a mission will self-isolate for 14 days, and then be tested prior to returning to their communities.

We take great pride in the support we have provided to LTCF residents and staff throughout this deployment. Many of the worst-affected LTCFs are stabilizing. The overall number of new cases across facilities is decreasing. And conditions including hygiene, staffing, and access to Personal Protective Equipment are improving for residents and staff. These positive effects are thanks to the tireless work of dedicated health care practitioners with the support of our Canadian Armed Forces.

Over the weekend, the Government announced the replacement of two 30 year old [Challenger Aircraft](#) with a modern Challenger model. The newer model meets international requirements, and will provide flexibility to meet a range of requirements. We also released a Request for Proposal for the transport of future interim jets from Australia to Canada, which will enable the Globemaster fleet, which has been providing these services to date, to address other priorities under its role as premier transporter for military, humanitarian and peacekeeping missions. These interim jets will help distribute flying hours among more airframes as we extend the life of our CF-18 fleet.

From an operational perspective, though many of our international operations and exercises paused at the height of the COVID-19 pandemic, we are beginning to resume activity in that space as well. By mid-June, approximately 90 CAF members will deploy on Op UNIFIER to prepare for the resumption of collective training with the Security Forces of Ukraine. CAF members will isolate for 14 days upon arrival in Ukraine, prior to joining the mission. And HMCS *Fredericton* is participating in BALTOPS 20, an annual international maritime-led joint exercise held by NATO in the Baltic Sea region.

Finally, please continue to consult the [COVID-19 CAF Webpage](#) and our Deputy Minister's Friday Tweets for all the latest on the DND/CAF response to COVID-19.

Thanks, as always for your engagement.

Quinn Watson

Director, Outreach and Speechwriting
Assistant Deputy Minister (Public Affairs)
Department of National Defence | Government of Canada

A Pandemic and an Opportunity: Rethinking Competition during COVID-19 and Beyond
<https://mwi.usma.edu/pandemic-opportunity-rethinking-competition-covid-19-beyond/>
Not just an article about resiliency, this article addresses strategic messaging (information operations).

COVID-19's economic damage is a problem for British security
Comparison (lessons from similarities): <https://ukdefencejournal.org.uk/covid-19s-economic-damage-is-a-problem-for-british-security/>

Royal Canadian Military Institute SITREP - Special Pandemic Edition
<https://files.constantcontact.com/e154b138001/c2c777e3-fd79-473d-9903-4e44bd0b9426.pdf>

contents:

Myths and echoes: the 1918 pandemic and today

Rome, Plagues and People: Can we learn anything from 2,000 years ago?

Propaganda—Remake for the 21st Century

NATO and Russia

Tackling COVID-19 disinformation - Getting the facts right

European Commission report: https://ec.europa.eu/info/sites/info/files/communication-tackling-covid-19-disinformation-getting-facts-right_en.pdf

Nova Scotia Companies Produce PPE

Think of this as industrial mobilization, the likes of which is normally only seen in shooting wars:

<https://novascotiabusiness.com/covid-19-information/nova-scotia-companies-ppe>

Events:

To list an event in *Dispatches*, email the CIO by noon Thursday. RUSI(NS) events are by invitation only unless otherwise indicated. If you are interested in attending and have not been invited, email RUSINovaScotia@gmail.com. RUSI(NS) events may be cancelled at short notice – email RUSI(NS) if there is a question of an event occurring.

If you have an idea for a topic or speaker, please email RUSINovaScotia@gmail.com.

24 June, Wednesday – RUSI(NS) Distinguished Speaker Brigadier-General Roch Pelletier, Commander 5th Canadian Division., titled "Commander 5th Canadian Division – Army Reserve Update." 1300-1500 **Halifax time**. By Zoom. To register, email RUSINovaScotia@gmail.com.

15 July, Wednesday – tentative date for RUSI(NS) Distinguished Speaker. Likely 1300-1500, by Zoom.

Recent Publications:

RUSI(NS) Paper "Investigating military aircraft crashes" by Tim Dunne, 2 June 2020

<https://rusi-ns.ca/military-aircraft-crashes/>

Naval Association of Canada Ottawa Branch presentation "The RCN's Capital Equipment Priorities & Projects" by Commodore Chris Robinson, Director-General Naval Force Development, 1 June 2020

<https://nac-o.wildapricot.org/resources/OTTAWA%20BRANCH/Documents/Meetings/2020%2006%2001%20NAC%20Ottawa%20Speakers%20Series.pdf>

RUSI(NS) Comments "Canadian Ocean Science and the Role of AOPS" by Dean McFadden, 28 May 2020, <https://rusi-ns.ca/ocean-science/>




RUSI(NS) Information Note "Domestic Response Companies," 23 May 2020, <https://rusi-ns.ca/drc/>

The Military Institute of Windsor Communiqué, Volume XXXVIII Number 6 June 2020 is available on request to RUSINovaScotia@gmail.com.

The United Services Institute of Nanaimo and North Island (USINNI) Newsletter Vol 28 No 6 June 2020 is available on request to RUSINovaScotia@gmail.com.

New: The 2018-2019 RCMP Annual Employment Equity Report is available on request to 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. Original article title in parentheses.

<p>Canadian Global Affairs Institute @CAGlobalAffairs 12 Jun tweeted: Check out the latest @DavePerryCGAI's #DefenceDeconstructed, sponsored by @CadsCanada, for Douglas Dempster, William Richardson, and Elinor Sloan talking about their recent paper on agile defence #procurement, published in collaboration with @CdsnRcds: https://soundcloud.com/user-609485369/defence-deconstructed-on-toward-agile-procurement-for-national-defence</p> <p>RUSI(NS) retweeted: "Toward Agile Procurement for National Defence: Matching the Pace of Technological Change" https://www.cgai.ca/toward_agile_procurement_for_national_defence_matching_the_pace_of_technological_change</p>	
<p>Whether or not part of CANCA'grand strategy,' what with @CanadianForces deployments to Mali & #RCNavy off west Africa, not a surprise that gov't increase engagement & now join International Coalition for the Sahel https://www.canada.ca/en/global-affairs/news/2020/06/canada-joins-international-coalition-for-the-sahel.html</p> <p>@CFOperations #OpNABERIUS #OpFREQUENCE (Canada joins International Coalition for the Sahel)</p>	
<p>Canadian Global Affairs Institute @CAGlobalAffairs 13 Jun tweeted and RUSI(NS) retweeted: Check out our new policy perspective by Ross Fetterly, which looks at the new strategic requirements in a post-#pandemic world, and how to better emergency preparedness (Planning for After the COVID-19 Pandemic https://www.cgai.ca/planning_for_after_the_covid_19_pandemic)</p>	

#RCNavy Kingston-class patrol vessels much enhanced capability (reconnaissance range, oversight, even person overboard emergencies) when aerial #drone embarked <http://www.lookoutnewspape.com/radar-tech-unmanned-aircraft-pilot/> @RoyalCanNavy developing for modern ops with unmanned aircraft systems #UAS detachments (From radar tech to unmanned aircraft pilot)



Staff of @NationalDefence, designer @RobertAllanLtd & shipbuilder Ocean Industries visit RAmports 2400 tug in Turkey 2019, design basis for 4 'Naval Large Tugs' to be built for delivery 2021-2023 to Queen's Harbour Masters #Halifax & #Esquimalt to support #RCNavy @RoyalCanNavy



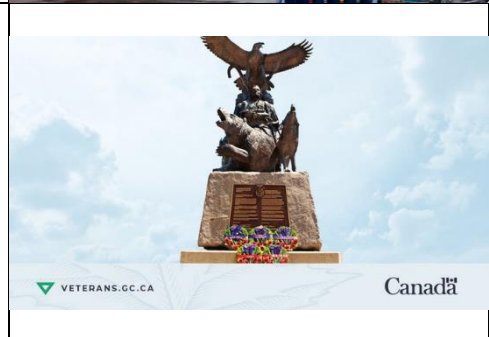
Contract awarded to Seaspan @MoreThanships for full construction of 2 Protecteur-class Replenishment Oilers for @RoyalCanNavy under Joint Support Ship #JSS project <https://canada.ca/en/public-services-procurement/news/2020/06/government-of-canada-awards-contract-for-construction-of-joint-support-ships-for-royal-canadian-navy.html> #AOR incr range & endurance of operations at sea by ships of #RCNavy & allies #BlueWaterNavy (Government of Canada awards contract for construction of joint support ships for Royal Canadian Navy)



Seaspan Shipyards @MoreThanShips 15 Jun tweeted and RUSI(NS) retweeted: And...snap! The 12th Grand Block – known in the yard as #435 – moves into position. Exciting to see the future Joint Support Ship for @RoyalCanNavy quickly taking shape. #NationalShipbuildingStrategy #cdnpoli Follow our progress <https://nss.seaspan.com/ship-galleries/>



Veterans Affairs CA @VeteransENG_CA 15 Jun tweeted: #MemorialMonday-The National Aboriginal Veterans Monument honours the thousands of Indigenous Canadians who have served in uniform over the years. <http://veterans.gc.ca/eng/remembrance/memorials/national-aboriginal-veterans-memorial> RUSI(NS) retweeted: Presentation: "Growing Together" – The Cultural Contribution of Indigenous People in the Canadian Military Since the First World War" <https://rusi-ns.ca/indigenous-in-the-canadian-military/>



Levon Sevunts @LevonSevunts 16 Jun tweeted and RUSI(NS) retweeted: The @CanadianForces are responding to a request for strategic, tactical and MEDEVAC airlift capability made by @UNOCHA to help the @WFP and @WHO deliver urgently needed medical and humanitarian supplies to #Covid_19 hot spots, officials say. #cdnpoli



David Pugliese @davidpugliese 17 Jun tweeted: My latest article.....Canada to buy more than \$1 billion of missiles, related equipment from U.S. for CF-18 fighters (Canada to buy more than \$1 billion of missiles, related equipment from U.S. for CF-18 fighters <https://ottawacitizen.com/news/national/defence-watch/canada-to-buy-more-than-1-billion-of-missiles-related-equipment-from-u-s-for-cf-18-fighters/>) Only 36 of @RCAF_ARC fleet of 80 #CF188 Hornet fighters to be upgraded. Keeps 2 #RCAF squadrons modern/capable as bridge until @NationalDefence Future Fighter Capability Program delivers <https://www.defensenews.com/global/the-americas/2020/06/16/canadian-cf-18-upgrade-package-okd-by-us/> Graceful degradation...



Posted on Facebook Royal United Services Institute NS with comments:

Can Law Enforcement Officers Refuse to Identify Themselves?
<https://www.lawfareblog.com/can-law-enforcement-officers-refuse-identify-themselves>



US, but makes for an interesting comparison.
I'm trying to recall what the military does when assisting law enforcement agencies. I believe name tags remain on uniforms.

U.S. Seeks Armed Nuclear Icebreakers For Arctic Show Of Force
<https://www.forbes.com/sites/davidhambling/2020/06/12/us-seeks-armed-nuclear-icebreakers-for-arctic-show-of-force/#21a00b1175ff>



Before anyone starts about arming Canadian Coast Guard icebreakers, current or to-be-built, let's remember that the CCG is not an armed service like the US Coast Guard, and that the CCG mission is

to "...support government priorities and economic prosperity and contribute to the safety, accessibility and security of Canadian water." CCG responsibilities include:

- aids to navigation,
- channel maintenance,
- marine search and rescue,
- marine pollution response,
- icebreaking and ice-management services,
- marine communications and traffic management services; and
- support of other government departments, boards and agencies by providing ships, aircraft and other services.

The Royal Canadian Navy's Arctic and Offshore Patrol Vessels are armed with a capable 25 mm gun, all that a patrol vessel needs, especially when backed by submarines, attack aircraft and missile-carrying frigates. And they can and will deploy 'unmanned aviation, surface, and undersea systems,' 'intelligence-collection systems,' 'secure communications and data transfer,' and 'sensors and other systems to achieve and maintain maritime domain awareness.'

Would the U.S. Military Repress Protesters? Lessons from the Arab Spring

<https://warontherocks.com/2020/06/would-the-u-s-military-repress-protesters-lessons-from-the-arab-spring/>



These lessons on (tactical) civil-military relations and the professionalism, et., of a state's military are applicable well beyond the states addressed in the paper. Countries like Canada, and forces other than the military (am thinking police) should consider such lessons ["applied (recent) history!"] when looking at themselves.

When Police View Citizens as Enemies

<https://www.theatlantic.com/politics/archive/2020/05/george-floyd-protests-minnesota-urban-warfare/612421/>



The article "When Police View Citizens as Enemies" was listed in a news feed as "The Danger of Calling Protests 'Urban Warfare'." Reading it calls to mind recent articles about the use of 'war' language in government and public reporting about the pandemic. A thought there: does use of military language to report civil matters send inappropriate messages?

Thinking about this subject. The language we use to describe everyday events often invokes war terminology. We battle against diseases, fight a war on drugs, and explain a football game as if it was played on a battlefield. So the use of war terms in police language is consistent with that, which of course does not make it less troublesome. Part of this comes from the glamourization of war, which is useful when getting recruits and even for retention. An interesting subject.

Army Ponders What To Cut If Budget Drops: Gen. Murray

<https://breakingdefense.com/2020/06/army-ponders-what-to-cut-if-budget-drops-gen-murray/>

US Army Priority Initiatives (By Category)

Breaking Defense summary of Army documents

1 Long Range Precision Fires (LRPF)

Strategic Long Range Cannon (SLRC)
Precision Strike Missile (PrSM)
Extended Range Cannon Artillery (ERCA)

2 Next-Generation Combat Vehicle (NGCV)

Optionally Manned Fighting Vehicle (OMFV)
Robotic Combat Vehicle (RCV)
Armored Multi-Purpose Vehicle (AMPV)
Mobile Protective Firepower (MPF)

3 Future Vertical Lift

Future Attack Reconnaissance Aircraft (FARA)
Future Unmanned Aircraft System (FUAS)
Future Long Range Assault Aircraft (FLRAA)
Modular Open Systems Architecture (MOSA)

4 Network

Unified Network
Common Operating Environment
Interoperability
Command Post Mobility/Survivability

4B Assured Position, Navigation, & Timing (APNT)

User Equipment (APNT)
Enterprise Enablers (SPACE)
Situational Awareness (NAVWAR)

5 Air and Missile Defense (AMD)

Maneuver Short Range Air Defense (M-SHORAD)
Indirect Fire Protection Capability (IFPC)
Lower-Tier Air and Missile Defense Sensor (LTAMDS)
Army Integrated Air and Missile Defense (AIAMD)

6 Soldier Lethality (SL)

Next Generation Squad Weapons Automatic Rifle (NGSW-AR)
Next Generation Squad Weapons Rifle (NGSW-R)
Integrated Visual Augmentation System (IVAS [HUD 3.0])
Enhanced Night Vision Goggles- Binocular (ENVG-B)

6B Synthetic Training Environment (STE)

One World Terrain
Virtual Collective (Air/Ground) Trainers
Squad Immersive Trainer
Training Management Tools
Training Simulation Software (TSS)

revised 14 March 2019

"The (US) Army Futures commander is making a list of which of the service's 34 top-priority programs to sacrifice first – and which programs outside the top 34 he has to save."

One wonders what the Canadian Army's (and other services') top-priority list looks like. And what might be cut or slowed due to financial cuts to Defence to make up for the government's large expenditures during the pandemic response (despite the Defence Deputy Minister's assessment "Military spending needed more now than ever, top defence official says")

<https://www.cp24.com/news/military-spending-needed-more-now-than-ever-top-defence-official-says-1.4979408>

Divided We Fall: The United States Needs International Partners Now More Than Ever

<https://warontherocks.com/2020/06/divided-we-fall-the-united-states-needs-international-partners-now-more-than-ever/>



War on the Rocks @WarOnTheRocks 12 June 2020 tweeted the article with the comment: "Facing an increasingly dangerous collection of challengers without the support of an international team is a sure recipe for defeat and bankruptcy."

Canada's 'grand strategy' has long been and very much now needs to be one that is alliance-focused. At the same time, Canada needs to be itself strong and capable, and resilient.

Audio Engineers Built a Shield to Deflect Police Sound Cannons

https://www.vice.com/en_us/article/dyzpna/audio-engineers-built-a-shield-to-deflect-police-sound-cannons



Gotta give credit to crowd-sourcing as a means for rapid technology development.

To call Long-Range Acoustic Devices (LRAD) "militaristic sonic weapons" is a headline writer's hyperbole. Such devices are only recent developments (if you don't count bagpipes used on battlefields centuries ago) and probably see more use at sea (until recently not very effectively) to warn off approaching small high-speed boats.

Modernization program for Snowbirds aircraft jumps in price

<https://ottawacitizen.com/news/national/defence-watch/modernization-program-for-snowbirds-aircraft-jumps-in-price>



Has the RCAF considered buying the older model Hawk used at Moose Jaw and Cold Lake? Might be cheaper and more up to date.

Toward a War With Fewer Radio Calls

<https://www.defenseone.com/technology/2020/01/toward-war-fewer-phone-calls/162562/>



Hmm, couldn't we just get back to "open the envelope for your orders once you've sailed across the horizon?"

Auditors target Defence Department for poor oversight of military-spending plan

<https://www.ctvnews.ca/politics/auditors-target-defence-department-for-poor-oversight-of-military-spending-plan-1.4983688>



Monitoring progress of the government with its defence policy "Strong, Secure, Engaged" (SSE - which, it must be remembered, is a policy and not a real plan) is the responsibility of much more than just a three person office with the Department of National Defence (DND). Many with the DND and Canadian Armed Forces, especially public affairs staff and project management offices, have

responsibility to provide progress information. Parliament has a responsibility, as do the media, the academic community, corporations and really the Canadian public. Really, a defence policy is too complex to check off 'done' boxes.

The Security Affairs Committee of the Royal United Services Institute of Nova Scotia has been doing its bit, attempting to correlate government public announcements and responses to queries with the 111 initiatives of the SSE (okay, <grin>, we can fairly be accused of checking boxes). Our modest efforts are made public at: <https://rusi-ns.ca/category/publications/defence-policy/>

Of note, there is the government's "Status report on transformational and major Crown projects" at <https://www.canada.ca/en/department-national-defence/corporate/reports-publications/departmental-plans/departmental-plan-2020-21-index/supplementary-information-index/report-crown-projects.html>. Which, yes, with a November 2019 publication date is beginning to age out.

Canada to buy more than \$1 billion of missiles, related equipment from U.S. for CF-18 fighters

<https://ottawacitizen.com/news/national/defence-watch/canada-to-buy-more-than-1-billion-of-missiles-related-equipment-from-u-s-for-cf-18-fighters/wcm/6191b051-8dcd-4dab-9cab-149a0c10cb36/>



Let's hope they are compatible with the new fighter type.....

India-China clash: Diplomats 'strongly protest' over border clashes

<https://www.bbc.com/news/world-asia-53073338#> =



"...China tried to erect a structure inside Indian territory..."

Hmm, is China playing 'Settlers of Catan' at the tactical level? Not happy just building 'islands' in someone else's waters, eh?

Perhaps... Be very welcome for the rest of the rules-based international order world if India became a bigger concern for the belligerent Communist Chinese. One military of mass vs. another military of mass invites conflict resolution by attrition... quantity has a quality all its own.

An All-Hazards Educational Approach to Emergency Management

<https://www.domesticpreparedness.com/resilience/an-all-hazards-educational-approach-to-emergency-management/>



"An all-hazards definition of emergency management encompasses some essential homeland security concerns."

Two Ways to Stop Secrecy from Undermining US National Security

<https://www.defenseone.com/ideas/2020/06/too-much-secrecy-hurting-us-national-security/166194/>



"Keeping America safe in the 21st century means sharing more information with allies and partners."

"The U.S. system of classification protects the sources of intelligence and the methods by which it is collected, but it also prevents American allies and partners from seeing all but a trickle of the data and analysis produced by the U.S. intelligence community."

Alliances are the strength of democracies.

Artificial Intelligence, Warfighters Form Enhanced Partnership on Battlefield

<https://www.defense.gov/Explore/News/Article/Article/2222999/artificial-intelligence-warfighters-form-enhanced-partnership-on-battlefield/>



"The most important element in the battlefield of the future won't be rockets, bullets or robots, but data and the ability to collect it from any point and send it where it needs to be..."

"Mosaic warfare" - another term to keep an eye on.

The Senate's Defense Authorization Bill Ignores Our New Reality

<https://www.defenseone.com/ideas/2020/06/senates-defense-authorization-bill-ignores-our-new-reality/166208/>



"...a disconcerting disconnect between the U.S. government's approach to national security and the impact of COVID-19 on America's economy and society."

"The report displays an insistence on seeing great power competition through a military lens."

"Spending more on new weapons will not ward off viral threats to Americans' health and economic wellbeing, nor heal the deep social divisions that must be addressed to have a coherent foreign policy."

Lessons here for Canada. It is time for a review (not necessarily a re-write) of our Strong, Secure, Engaged defence policy. The pandemic is much cause to reflect whether we have it right. Really, there should be a more encompassing, integrated defence and security policy, matched with a proper foreign policy.

New Approach to Drone Fleet Management

<https://i-hls.com/archives/102170>



"...MAVLink, a protocol for communicating with small unmanned vehicles."

Is MAVLink a NATO and/or international military standard? Something in use by the Canadian Armed Forces?

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.



<https://mailchi.mp/rusi.org/5-june-this-week-168774?e=a539211a30>



'Zero indication' military spending will be cut amid COVID-19, defence official says

<https://globalnews.ca/news/7053393/canada-military-spending-coronavirus/>



Parliamentary watchdog asked to investigate naval supply ship costs after ongoing delays and budget problems

<https://ottawacitizen.com/news/national/defence-watch/parliamentary-watchdog-asked-to-investigate-naval-supply-ship-costs-after-ongoing-delays-and-budget-problems/wcm/2aea72a6-735a-4c23-b3f5-1d51b5acc360/>



The Covert Art of China's Military Activity in the East China Sea

<https://nationalinterest.org/feature/covert-art-china%E2%80%99s-military-activity-east-china-sea-161776>



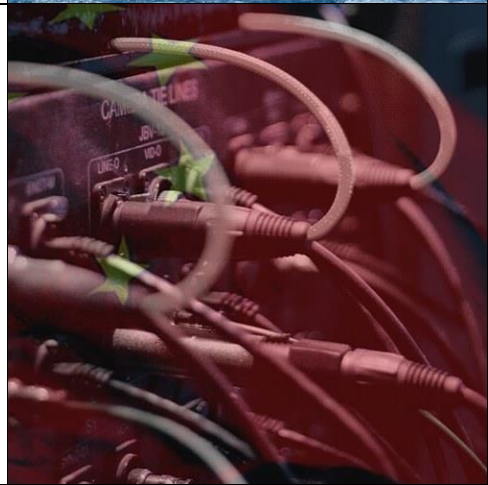
HHI Delivers Royal New Zealand Navy's Largest Ever Vessel – HMNZS Aotearoa

<https://www.navalnews.com/naval-news/2020/06/hhi-delivers-royal-new-zealand-navys-largest-ever-vessel-hmnzs-aotearoa>



Huawei and 5G: is the door finally closing? Brian Lee Crowley on The John Gormley Show

https://www.macdonaldlaurier.ca/huawei-and-the-federal-government/?mc_cid=a223c3e2b5&mc_eid=a8426c0175



Canada spy agency warned of 'shock waves' from arrest of Huawei founder's daughter

<https://www.msn.com/en-ca/news/canada/canada-spy-agency-warned-of-shock-waves-from-arrest-of-huawei-founders-daughter/ar-BB15pGFR>



South Korea urges North to uphold deals amid rising animosities

<https://www.militarytimes.com/news/your-military/2020/06/14/south-korea-urges-north-to-uphold-deals-amid-rising-animosities/>



Nuclear modernization speeding up as arms control on the brink: report

<https://www.defensenews.com/smr/nuclear-arsenal/2020/06/14/nuclear-modernization-speeding-up-as-arms-control-on-the-brink-report/>



Canadian military knew in 2016 Snowbirds ejection seats needed upgrading but project still only in early stages

<https://ottawacitizen.com/news/national/defence-watch/canadian-military-knew-in-2016-snowbirds-ejection-seats-needed-upgrading-but-project-still-only-in-early-stages>



90 Canadian troops to leave for Ukraine as military looks to resume mission

<https://www.cbc.ca/news/SOMNIA-1.5611941>



Watch Russian military recruits march while singing 'Barbie Girl'

<https://www.militarytimes.com/off-duty/military-culture/2020/06/15/watch-russian-military-recruits-march-while-singing-barbie-girl/>



North Korea's military threatens to reenter areas demilitarized under inter-Korean agreements

<https://www.militarytimes.com/news/your-military/2020/06/15/north-koreas-military-threatens-to-reenter-areas-demilitarized-under-inter-korean-agreements/>



Israelis To Boost F-35 Fleet's Electronic Warfare

<https://breakingdefense.com/2020/06/israelis-to-boost-f-35-fleets-electronic-warfare/>



Air force to return Cyclone choppers to service 'within the coming days'

<https://www.cbc.ca/news/SOMNIA-1.5613239>



Ottawa awards \$2.4B contract to finish building navy's supply ships

<https://www.cbc.ca/news/SOMNIA-1.5612770>



Why Are India and China Fighting?

<https://foreignpolicy.com/2020/06/16/why-are-india-china-fighting-ladakh-skirmish/>



NATO chief plays down concern over US troop withdrawal plans in Germany

<https://www.militarytimes.com/news/your-military/2020/06/16/nato-chief-plays-down-concern-over-us-troop-withdrawl-plans-in-germany/>



North Korea's military to reenter inter-Korea cooperation sites

<https://www.militarytimes.com/news/2020/06/16/north-koreas-military-to-reenter-inter-korea-cooperation-sites/>



French submarine burns in 'unbelievably fierce fire' for 14 hours

<https://www.defensenews.com/naval/2020/06/16/french-submarine-burns-in-unbelievably-fierce-fire-for-14-hours/>



Taiwan jets 'drive away' intruding Chinese fighter plane, third intrusion in days

<https://www.reuters.com/article/us-taiwan-china-defence/taiwan-jets-drive-away-intruding-chinese-fighter-plane-third-intrusion-in-days-idUSKBN23N15D?>



REUTERS

RCAF Cyclone helicopters could be back flying by the end of the week

<https://ottawacitizen.com/news/national/defence-watch/rcaf-cyclone-helicopters-could-be-back-in-the-air-by-the-end-of-the-week>



Canadian CF-18 upgrade package OK'd by US

<https://www.defensenews.com/global/the-americas/2020/06/16/canadian-cf-18-upgrade-package-okd-by-us/>



Why is Turkey the key to unlocking a NATO-EU naval operation?

<https://www.defensenews.com/naval/2020/06/17/why-is-turkey-the-key-to-unlocking-a-nato-eu-naval-operation/>



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

#Arctic

With Russia keeping watch, US Navy subs ventured back to the high north to train where there's 'no safe haven'

<https://www.businessinsider.com/navy-submarine-connecticut-drills-during-icex-2020-in-the-arctic-2020-6>

#artificial intelligence

US Army to Study How Humans Team With AI

<https://www.defenseone.com/technology/2020/04/us-army-study-how-humans-team-ai/164773/>

#command

Put the Commander back in Commander’s Intent

<http://cimsec.org/put-the-commander-back-in-commanders-intent/43587>

#information operations

Performing Information Manoeuvre Through Persistent Engagement

<https://rusi.org/publication/occasional-papers/performing-information-manoevre-through-persistent-engagement>

How Platforms Can Prevent Misinformation Like #dcblackout

<https://www.lawfareblog.com/how-platforms-can-prevent-misinformation-dcblackout>

#land warfare

Army general sees need for new future warfare 'Combined Arms Maneuver'

<https://www.foxnews.com/tech/army-general-need-new-future-warfare-combined-arms-maneuver>

#NATO

NATO Secretary General press conference 17 Jun 20

Note assessment on Russia: https://www.nato.int/cps/fr/natohq/opinions_176520.htm

#space

US Defense Space Strategy

News Release: <https://www.defense.gov/Newsroom/Releases/Release/Article/2223539/department-of-defense-releases-defense-space-strategy/source/GovDelivery/>

Defense Space Strategy Summary: https://media.defense.gov/2020/Jun/17/2002317391/-1/-1/1/2020_DEFENSE_SPACE_STRATEGY_SUMMARY.PDF

Defense Space Strategy Fact Sheet: https://media.defense.gov/2020/Jun/17/2002317392/-1/-1/1/2020_DEFENSE_SPACE_STRATEGY_FACTSHEET.PDF

#strategy

On Strategy: A Primer

<https://www.armyupress.army.mil/Books/CSI-Press-Publications/Command/#on-strategy-a-primer>

Other:

Fleet Trackers

USNI News Fleet and Marine Tracker: June 8, 2020

<https://news.usni.org/2020/06/08/usni-news-fleet-and-marine-tracker-june-8-2020>

German Navy Fleet Tracker (reports on other nationalities in common exercises, e.g., BALTOPS 2020)

<https://www.kielseapowerseries.com/en/navy-information.html>

Chokepoints and Littorals Topic Week

(Warfare, more than just naval): <https://cimsec.org/chokepoints-and-littorals-topic-week>

articles:

Sea Control 180 – Narrow Seas: The Black Sea

Let Me Get this Strait: The Turkish Straits Question Revisited

The Assumption of Access in the Western Pacific

Mine the Littorals and Chokepoints: Mine Warfare in Support of Sea Control C

There are no Strategic Chokepoints

An Emerging Strategic Geometry – Thawing Chokepoints and Littorals in the Arctic

The Strategic Littoral Geography of Southeast Asia

Chiseled in Space: Temporary, Non-Geographic Chokepoints in the Battle of the Atlantic

Thinking Like a Pirate: Contesting Southeast Asia's Chokepoints

Sea Control 181 – The 'Amphibious' 8th in the Pacific War

Sink 'Em All: Envisioning Marine Corps Maritime Interdiction

Seeing the World Through Points

Guarding the Gates: Is International Naval Control of the Bab Al Mandeb Feasible?

Developing Security in a White Water World: Preparing for the Arctic

Does Tomorrow Ever Truly Die?

Expeditionary Advanced Base Operations and Mine Warfare in Littoral Control

The (US) Army University Press **Command** Readings

<https://www.armyupress.army.mil/Books/CSI-Press-Publications/Command/>