



Royal United Services Institute of Nova Scotia Dispatches

29 March 2019

Dispatches is a weekly collection of links and news of current interest, included those tweeted and posted by the Institute on social media. Note that links of 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.

Everyone is encouraged to submit links and other content to the Institute's Chief Information Officer (CIO) at RUSINovaScotia@gmail.com to be included in *Dispatches*. Comments to articles can be from members or non-members of RUSI(NS). If you do not want to receive *Dispatches*, or wish to receive it at some different frequency, please inform the CIO. Feedback is welcome anytime.

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, email admin@duncom.ca.

Events:

To list an event in *Dispatches*, email the CIO by noon Thursday. RUSI(NS) events are by invitation only. 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.

2 April, Tuesday - Canadian International Council, Halifax Branch public talk "How Canada can Respond to the Threat of Populism." 5pm reception, 5:30pm presentation and discussion. Halifax Club, 1682 Hollis Street, Halifax. To register: <https://www.eventbrite.ca/e/how-canada-can-respond-to-the-threat-of-populism-tickets-58601631056>

5 April, Friday - Distinguished Speaker TBA. Colonel Marc LaFortune, Commander Canadian Combat Support Brigade, speaking on the brigade. 130-1330. Royal Artillery Park Officers' Mess. **Note that this is an impromptu/short notice event taking advantage of the colonel's visit from NDHQ.**

17 April, Wednesday - Distinguished Speaker Corporal David Lane, RCMP, on human trafficking. 1130-1300. RCMP 'H' Division Headquarters. **This will be a registration-required event.** Note that this is a lunch event rather than our usual evening event with the RCMP. Email RUSINovaScotia@gmail.com if you wish to attend.

8 May, Wednesday - Distinguished Speaker TBA. 1130-1330. Royal Artillery Park Officers' Mess. **Note that this is the second Wednesday of the month, not our normal third Wednesday.**

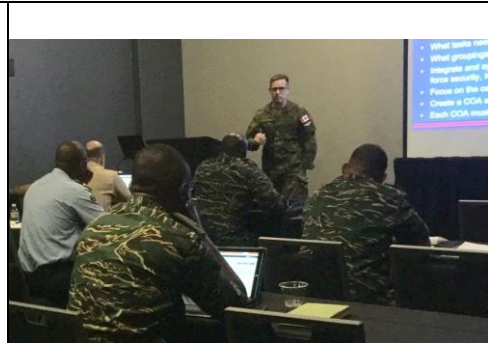
Publications:

RUSI(NS) Paper "F-35 Strengths and Vulnerabilities," by Ken Hansen, 26 March 2019
<https://rusi-ns.ca/f-35-strengths-and-vulnerabilities/>

RUSI(NS) Briefing "New Air Surveillance System," by Ed Young, 4 March 2019
<https://rusi-ns.ca/new-air-surveillance-system/>

Tweeted by @RUSI_NS: Original article title in parentheses. RUSI(NS) tweets may be viewed by clicking on the icon at <https://RUSI-NS.ca>. To have something tweeted or retweeted, email the CIO by noon Thursday.

Canadian Armed Forces Operations @CFOperations 22 Mar tweeted: Getting ready for Exercise #TRADEWINDS 2019 in June! We're working closely with our Caribbean partners this week, sharing knowledge on operational planning. The US-led multinational exercise will take place in June to bolster safety and security in the region. pic.twitter.com/NUR4V1JppS
RUSI(NS) retweeted: Exercise #TRADEWINDS - train to: stop organized crime & other threats that affect people across borders, humanitarian assistance & disaster relief #HADR, respond quickly to all events, strengthen partnerships including civil-military <https://www.canada.ca/en/department-national-defence/services/operations/exercises/tradewinds.html>



David Pugliese @davidpugliese 22 Mar tweeted: My latest update on the Canadian Surface Combatant project...No need to lengthen Type 26 warship to meet Canada's needs, says DND <https://ottawacitizen.com/news/national/defence-watch/no-need-to-lengthen-type-26-warship-to-meet-canadas-needs-says-dnd/>



(No need to lengthen Type 26 warship to meet Canada's needs, says DND)
RUSI(NS) retweeted: Hopefully berthing in Type 26-based CAN🇨🇦 Surface Combatant #CSC design will be of standard #RCNavy sailors deserve & expect. Accommodation varies between navies/cultures. There will be need to Canadianize design at least for sensors/weapons
https://www.facebook.com/permalink.php?story_fbid=2121816831240189&id=618819224873298

Canadian Forces @CanadianForces 22 Mar tweeted: #DYK we offer Indigenous Summer Programs across the country? These six-week long programs can give you a taste of military training with the option to continue with a career in the #CAF afterwards. Find out more about summer opportunities: <https://www.canada.ca/en/department-national-defence/services/caf-jobs/indigenous-programs/training.html>
pic.twitter.com/4vslz4v8NV



(Indigenous Summer Programs)
RUSI(NS) retweeted: RUSI(NS) 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/>

#UN requests #OpPRESENCE-Mali extension
<https://nationalpost.com/pmn/news-pmn/canada-news-pmn/un-formally-asks-canada-to-extend-mali-mission-to-prevent-medevac-gap> Putting aside why CAN prioritized this particular conflict, that there is now/still a gap between state contributions says something about UN strategic planning & international commitments to #MLI
 (UN formally asks Canada to extend Mali mission to prevent medevac gap)



CAN🇨🇦 2019 budget & #Arctic commitments
<http://www.rcinet.ca/en/2019/03/22/canadas-2019-budget-slim-on-hard-power-arctic-commitments-experts-say/> Yes, major challenge is making logistics work. Great potential in developing North via building dual-use infrastructure. Engage locals. How will Arctic strategy address civil-military co-operation?
 (Canada's 2019 budget slim on hard power Arctic commitments, experts say)



Canadian Army @CanadianArmy Mar 22 tweeted:
 #ExSIBERIANHUSKY provides 'a dynamic and challenging training environment' for @5CdnDiv Reservists in 37 CBG's Arctic Response Company Group: <https://bit.ly/2HE8Dyy>
 #StrongProudReady pic.twitter.com/0vNZuKtMHT
 RUSI(NS) retweeted: RUSI(NS) paper "#Arctic Response Company Group" #ARCG <https://rusi-ns.ca/arctic-response-company-group/>
 Exercise #SIBERIANHUSKY www.army-armee.forces.gc.ca/en/news-publications/national-news-details-no-menu.page?doc=exercice-siberian-husky-at-gagetown-base-a-success-for-all/jtedhpc5



Piracy in Nigerian waters
<https://www.thisdaylive.com/index.php/2019/03/23/piracy-in-nigerian-waters-the-truth/> This is region where @CFOperations & @RCN_MRC has been deploying #RCNavy ships & training teams to assist regional partner states to enhance maritime security #OpPROJECTION Exercise #OBANGAMEEXPRESS2019
 (Piracy in Nigerian Waters: The Truth)



For CAN🇨🇦 to provide "military training expertise" to European Union forces as part of #UN peacekeeping effort in Mali doesn't mean @CanadianForces would actually need to be deployed into #MLI or other conflict area
<https://nationalpost.com/news/eu-military-wants-to-partner-with-canada-in-mali-as-it-races-for-exit> Though good actually to be in Africa
 (EU wants to partner with Canada to stamp out extremism in Mali, but Canada is racing to leave)



.@HfxShippingNews report of new names for 2 icebreakers (multi-purpose vessels?) being converted by @ChantierDavie for @CoastGuardCAN does not seem to have been officially confirmed. Is suitable occasion being awaited?
 @FishOceansCAN #CCGSVincentMassey
 #CCGSJeanGoodwill

SHIPPING NEWS



PETER ZIOBROWSKI
 peter@halifaxshippingnews.ca
 @hfxshippingnews

Peter Ziobrowski has been reporting on the comings and goings in Halifax Harbour online since 2008.

■ The two remaining interim icebreaker conversions to be completed by Davie for the coast guard now have names. The former Tor Viking will now be known as the Vincent Massey and the former Balder Viking has been renamed the Jean Goodwill. Massey was Canada's 18th Governor General, the first to be born in Canada, and Goodwill was a Cree woman who was the first Aboriginal nurse in Saskatchewan.

The Halifax Herald Limited - 03/20/2019

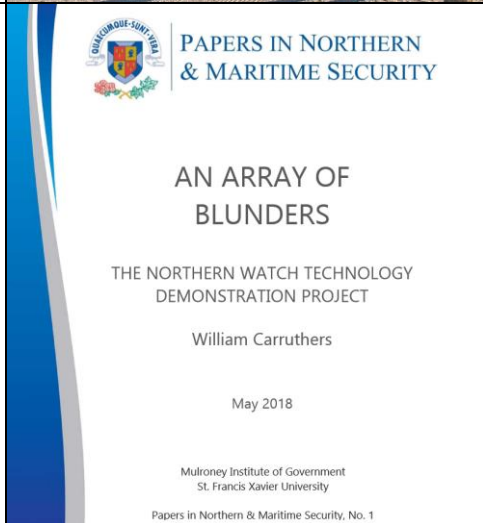
Dave Perry @DavePerryCGAI 27 Mar tweeted and RUSI(NS) retweeted: If you've already got the \$ (which DND does), a budget blind eye is a good thing
<https://nationalpost.com/opinion/once-again-the-federal-budget-turns-a-blind-eye-to-canadas-military-needs>
 (Once again, the federal budget turns a blind eye to Canada's military needs)



"Redesigned Operation Nanook gets underway in CAN🇨🇦 #Arctic" <https://nunatsiaq.com/stories/article/redesigned-operation-nanook-gets-underway-in-the-canadian-arctic/>
 "#OpNANOOK no longer a summer-only emergency response exercise" <https://www.canada.ca/en/departement-national-defence/services/operations/military-operations/current-operations/operation-nanook.html> Good whole-of-government & Inuit approach to op/exercise/training @JTFN_FOIN



CDA Institute @CDAInstitute 28 Mar tweeted and RUSI(NS) retweeted: This CDA Institute paper by William Carruthers uses de-classified materials to unveil the hidden story of Canada's attempts to deploy an automated surveillance system in the Arctic: Northern Watch Technology Demonstration Project. <https://cdainstitute.ca/wp-content/uploads/2018/06/An-Array-of-Blunders.pdf>



RUSI(NS) paper "F-35 Strengths and Vulnerabilities" <https://rusi-ns.ca/f-35-strengths-and-vulnerabilities/> #RCAF #FutureFighter @RCAF_ARC



CAN🇨🇦 & #UN disagree on #RCAF CC130 Hercules a/c employment in #Uganda
<https://www.theglobeandmail.com/canada/article-canada-un-disagree-over-restrictions-on-pledged-military-transport/> Use limits/Rules of Engagement are normal for missions but kinda wonder what Govt of CAN was hoping to achieve (strategic intent) with promise of airlift support
(Canada, UN disagree over restrictions on pledged military transport plane)



Posted on Facebook Royal United Services Institute NS with comments:

Nokia phones caught mysteriously sending data to Chinese servers

<https://bgr.com/2019/03/21/nokia-data-breach-nokia-7-plus-sent-data-to-chinese-servers/>



Nokia phones caught mysteriously sending data to Chinese servers

by Chris Smith, BGR, 21 March 2019

As the focus remains on Huawei for its cyber threat, Nokia also has its problems. It would appear its made-in-China phones were surreptitiously sending data to Chinese servers without the consent of their owners. This is not the first occasion of this sort of problem as the following media reports indicate. The common thread is one of data mysteriously being hoovered up into Chinese servers from systems that were not supposed to do so. As Canada considers restrictions on 5G providers this history is relevant and emphasizes the need to monitor the supply chain of those providers.

Internet traffic was routed via Chinese servers - U.S. military sites included

<https://www.washingtontimes.com/news/2010/nov/15/internet-traffic-was-routed-via-chinese-servers/>

by Shaun Waterman, The Washington Times, 15 November 2010

In 2010, some 15% of the Internet's traffic, including from US government sites, was mysteriously routed to servers in China.

A modern Trojan horse

https://www.trinidadexpress.com/opinion/columnists/a-modern-trojan-horse/article_596a1b06-4914-11e9-b27f-937c5c5b52f6.html

by Peter Espeut, Trinidad Express, by 17 March 2019

A Jamaican journalist asked if Jamaican citizens should be concerned that China is currently building Jamaica's Ministry of Foreign Affairs Headquarters and, potentially, its parliament buildings. The article notes that China provided the African Union's headquarters in Addis Abba as a "donation" and that in 2017 French investigators found microphones "hidden in desks and elsewhere" and "that the China-supplied computer systems in the AU headquarters were also connecting nightly to servers in Shanghai,

and uploading the files on the AU computers into the possession of the Chinese espionage services.” Other reports have noted Huawei was the main Chinese equipment supplier to the AU headquarters, and many questioned how it could not have known about the daily data harvesting that went on every night 1,825 days in a row. There is more fully covered here: "Huawei The Story of a Controversial Company" <https://www.bbc.co.uk/news/resources/idt-sh/Huawei>, Karishma Vaswan, BBC, 8 March 2019.

China risks ‘the legitimacy of the Communist Party’s regime’ without changes, says law professor

<https://www.scmp.com/economy/china-economy/article/3002866/china-risks-legitimacy-communist-partys-regime-without>



China Risks ‘The Legitimacy of the Communist Party’s Regime’ without Changes says Law Professor,”

by Cissy Zhou, South China Morning Post, 22 March 2019

No matter what one thinks of China’s actions within the Canadian business community (especially telecoms), there are major structural changes required before one can honestly and safely enter the Chinese market or allow Chinese involvement in key infrastructure projects. Law professor Mr He Weifeng is from the University of Beijing and comments on China’s de facto lack of effort in enabling the rules of the World Trade Organization to which they agreed in 2001. The professor also identifies major efforts by the Communist Chinese Party, especially under the ‘leadership’ of Xi Jinping, to circumvent those rules and actually interfere with the successful application of legal and commercial rules and regulations that impact the viability of the Chinese economy and as a result the world economy.

Why not let President Xi tell the story in his own words, keeping in mind what he is saying is completely at odds with what China agreed by its ascension to the World Trade Organization? In February, Qiushi, the Communist Party’s main theoretical journal, published a speech made by President Xi Jinping in August in which he said that China “must never follow the path of Western constitutionalism, separation of powers, or judicial independence.”

Given Canada’s recent experience with China in regard to the canola crop, isn’t it time we really examined not only the words but also the actions of the Communist Chinese Party before we enter into any negotiations?

Govt goes for another military supersession, names Karambir Singh as new Navy chief

<https://timesofindia.indiatimes.com/india/govt-goes-for-another-military-supersession-names-karambir-singh-as-new-navy-chief/articleshow/68538375.cms>



This is a Times of India article, dated 23 March 2019, by Rajat Pandit on the appointment of soon to be Admiral Karambir Singh, appointed over the head of another senior naval officer by the Government. Indian military appointments have normally been by seniority vice what we understand as merit. There is an explanation in the article for this change. What is more interesting is some of the historical precedence for such a move. Admiral Singh has been a helicopter pilot most of his career, so his appointment marks a first as the first helicopter pilot to reach Navy Chief. He had extensive seagoing experience as a commanding officer of corvettes and destroyers as well as senior staff appointments.

The Indian Navy is large and is oriented towards conflict with China. India has been using aircraft carriers since the 1960s, using a Majestic-class carrier similar to our own old Bonaventure. India also has made extensive use of its own island system in the Andamans and Nicobar areas which have been greatly strengthened. India has its own carrier building program and launched the first carrier of 40000 tons due to be in commission in 2020. A second carrier is under construction. The Indians have a rebuilt Russian carrier called the VIKRAMANDITYA, the former ADMIRAL GORSHKOV, a Kiev-class carrier. The Indians have a long and distinguished history with aircraft carriers and its pilots are highly experienced. Although China can build carriers faster, India has the experience.

India is a country to watch as its moves towards equipment self-sufficiency. India as the world's largest democracy is a country that bears watching in the positive sense as a fellow member of the Commonwealth and as a liberal democracy. India is supposed to pass China's population early in the next decade. Its continued success is in the interests of all democracies.

Coast Guard's newest ship dented in crash at Ogden Point breakwater

<https://www.timescolonist.com/news/local/coast-guard-s-newest-ship-dented-in-crash-at-ogden-point-breakwater-1.23768648>



Some thoughts:

1. Issues arise during pre-acceptance trials, some due to design and building faults, some due to human error and other factors. What caused this allision has not been reported.
2. The incident could easily delay acceptance of the vessel by the Coast Guard. That is not unusual during ship trials.
3. The vessel still is the responsibility of Seaspan. That includes explaining the incident.

This incident is an example of what can happen during trials of the Navy's Arctic and Offshore Patrol Vessels and later warships.

Inspection of Canadian canola shows Chinese focus on food safety

<http://www.globaltimes.cn/content/1143355.shtml>



This article is published in the Global Times 25 March 2019 and gives the 'official' Chinese point of

view in regard to China's suspension of imports of Canadian canola. China is noted for its food safety lapses so the article is suspect at best. The fact that it specifically mentions Huawei itself and the arrest of Meng Wanzhou gives lie to denials that it is not politically motivated.

Canadian canola farmers have become used to the large Chinese purchase of 40% of their crop. It is this leverage that the Chinese Communist Party will use to cause further pressure on the Canadian Government. Tremendous effort was made by successive governments, both Liberal and Conservative, to increase trade and relations with China under previous Chinese regimes. Xi's regime is very different. It has rolled back many freedoms, arrested political opponents, created concentration camps and overall has taken a very belligerent attitude to virtually all its neighbours.

This is not Canada's fault, but our naivety in regard to China is our fault. Our current government seems to display an almost comatose manner in regard to China when a more forceful approach is warranted. Canada has just joined the Comprehensive and Progressive Trans-Pacific Partnership (CPTPP) and the Canadian-Europe Comprehensive Economic and Trade Agreement (CETA); we now have tools to ensure that Canada never allows China to dominate any industry such as happened to our canola farmers and industry. Canada should take every action including to compensate farmers and ensuring new and better, safer markets for Canadian canola. China is not a friendly country. Just a read of the Chinese 'Three Wars Concept' shows that Canada is now in conflict in a way we have seldom seen before. Canada is in conflict - it better learn how to fight this battle or be forever under threat.

China on Campaign to Sway Overseas Media, Reporters' Group Says

<https://www.bloomberg.com/news/articles/2019-03-25/china-on-campaign-to-sway-overseas-media-reporters-group-says>



The article speaks for itself. It specifies areas where Chinese information campaigns are being waged. The most important point is that China now ranks at 176 out of 180 countries for press freedom. China puts money to overcome truth. This commentator believes this last point says it all.

Russian Troops, Advisers Arrive in Venezuela – Reports

<https://www.themoscowtimes.com/2019/03/25/russian-troops-advisers-arrive-in-venezuela-reports-a64937>



The article "Russian Troops and Advisers Arrive in Venezuela, Reports", dated 25 March 2019, is troubling at best. Russia is also reported to have upwards of 400 private contractors in Venezuela as well.

Russia has persisted in creating situations that cause major issues for the US. The US President has been to say at least weak in regard to answering these provocations and has given a free ride to Russia in the past as seen in the Middle East. Venezuela is on the back doorstep of the US - it will be interesting to see how this goes. The situation is mired in bigger issues including the decline of US influence in the Western hemisphere.

Why would Russia do this? Several reasons come to mind. First is to cause the US trouble. Second, to prop up a friendly leader and major buyer of Russian military equipment. Third and probably the most important, to safeguard billions of dollars worth of loans Russia has made to Venezuela.

This seems to be working. The military has remained loyal to President Maduro although thousands deserted and now he is propped up by both Cuban and Russian troops and contractors. The opposition does not have the necessary power to change the government as seen by the gradually smaller demonstrations around the country. More than 3.5 million Venezuelans have fled the country, causing major economic problems for Venezuela's neighbours, most of whom have condemned the Maduro regime thus giving Putin further benefits by potentially causing greater levels of instability.

Canada backed the opposition. What are they going to do now?

Royal Commission of Inquiry announced following the Christchurch terror attacks

<https://www.stuff.co.nz/national/christchurch-shooting/111532549/royal-commission-of-inquiry-after-the-christchurch-terror-attacks>



Prime Minister Jacinda Ardern has announced a Royal Commission of Inquiry into the country's security agencies after the Christchurch terror attacks

by Colette Devlin, Stuff New Zealand, 25 March 2019

Normally, one does not comment on activities of a fellow Western country, particularly in a time of tragedy as in the killings at the two Christchurch mosques. Prime Minister Jacinda Arden has started a Royal Commission into the tragedy. This is a good thing overall. It is not starting on the right foot, however, in looking at the intelligence and security agencies of New Zealand alone. They are no doubt part of the issue, but the real problem almost in every case is that intelligence failures or perceived intelligence failures are often not the cause, rather the direction and resources they receive to do the tasks they may get or may guess at when direction are lacking.

In the intelligence cycle, the first step is always direction from higher. This is not done by the intelligence services, it is done by government which directs the policy and broad-brush targets for the agencies to prepare, plan and come up with suitable collection programs and subsequent analysis and dissemination to designated agencies and persons. In this case, NZ has few resources to cover all the current threats to the state.

The first step is for the government to own their failure for failing to provide the necessary policies, resources, etc., for the intelligence services to be successful and for a lack of Security Policy, Defence Policy, and Foreign Policy that are sufficient to develop more detailed direction to the intelligence services. Second is to review whether the intelligence and security services have the necessary tools and resources to meet increasing requirements. Third, what does the government view as existential threats to NZ? Unfortunately, a lone gunman's actions are horrific and reprehensible but not existential so careful thought should be given before re-allocation of resources. Fourth, ensure the public knows the broad-brush issues and why the government has made these decisions. Fifth, politicians need to take responsibility for their actions when things go sideways. Too often intelligence and security services have taken the fall for government inaction and lack of concern.

Intelligence failures are not usually intelligence failures but rather ones of lack of direction by those responsible. Political inaction and indifference until there is a problem are usually a major factor.

US Army War College Library Alert

http://usawc.libguides.com/Library_Alerts



US Army War College Library Alert (from Howard Coombs, CDA Institute). Resources about Russia, Cyber Deterrence, Autonomous Systems, Defending Air Bases, Human Rights, Innovation, Spaceports, and European Union-China Relations may be found in the latest Alert.

Russia in Review: March 15 - 26, 2019

<http://iswresearch.blogspot.com/2019/03/russia-in-review-march-15-26-2019.html>



This is the Institute for the Study of War Blog for March 15 - 26, 2019. The focus is on Russian territorial enlargement in the Arctic region.

Key Takeaway: Russia is **expanding** its economic and military hold over the Arctic in order to preposition for its long-term bid to secure resources, expand its defense posture, and gain strategic advantage over the U.S. and China. The Kremlin is establishing its control in the Northern Sea Route, following its success in claiming sovereignty over the Kerch Strait in the Black Sea in November 2018.

Russian President Vladimir Putin launched the development of the major Kharasaveyskoye Gas Field on the Yamal Peninsula in Northern Russia on March 20.

from Howard Coombs, CDA Institute

Navy: Next Force Structure Assessment Likely to Require More Small Combatants, Supply Ships

<https://news.usni.org/2019/03/27/navy-next-force-structure-assessment-likely-require-small-combatants-supply-ships>

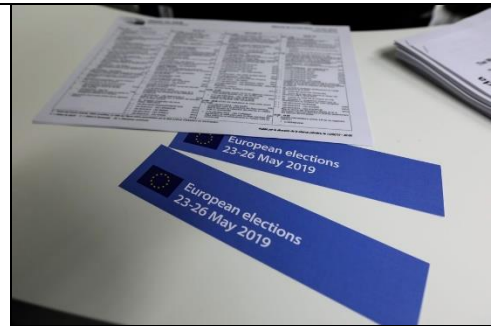


Reflecting on Canada's naval force structure after reading the US Navy's considerations. Canada already has the "small combatants" (current and future frigates and patrol vessels). Until recently we had three support ships, counting just the three large replenishment oilers and not the handful of smaller, mostly coastal and harbour, support vessels - we're down to one, leased, oiler. We have for some years been

practicing a form of distributed ops, albeit more for non-combat/non-combat-practice roles such as naval diplomacy, naval constabulary and humanitarian relief/disaster response. Often we're now seeing individual frigates or a couple of Kingston-class 'regional' patrol vessels deploying far afield. The leased replenishment oiler has been busy supporting individual frigate deployments, possibly to a great extent (the stats for her first year's employment aren't in yet) than supporting task group (multi-ship) activities. So, maybe Canada too should be looking at changing its force structure paradigm, currently looking a lot like the Second World and Cold Wars one oiler/four-five combatants model, to a higher ratio of support ships to combatants. For the 15 frigates and six large patrol ships of the future Royal Canadian Navy, maybe there should be four-five support ships. They don't all need to be of the task group-supporting level of the Protecteur-class and *Asterix*. But more support ships provides more deployability and flexibility for the Navy, and therefore more options for the Canadian Government.

Europe Needs a Plan to Fight Putin's Trolls

<https://www.bloomberg.com/opinion/articles/2019-03-25/the-european-union-needs-a-plan-to-fight-russian-trolling>



It is reported that the Russian aim during the upcoming May EU elections will be to "expand the Euroskeptic bloc in the next European Parliament in order to weaken EU cohesion and accommodate Russian interests." The EU has spent millions in a counter-disinformation effort, but the report outlines that the Russian Internet Agency, the alleged principal troll factory, has twice the EU budget.

The report recommends:

- better funding for EU institutes that detect and warn of fake news including fact checking sites,
- a pan-Europe warning system to do the same thing rapidly,
- an effort to "maintain pressure on social media companies to take down bot accounts and disclose the funding sources behind political ads on their platforms,"
- improving digital literacy in schools as Sweden has done, and
- warning Russia that election attacks will have consequences and could include the EU copying the sanctions and indictments the US has imposed on Russia for election meddling.

Despite our hard foreign policy stance against Russia over Crimea and the Ukraine, Canada has not yet begun planning for this kind of robust pre-election protection from foreign interference.

UK Stands Fast, Won't Ban Huawei 5G Gear Despite US Warnings

https://www.defenseone.com/technology/2019/03/uk-stands-fast-wont-ban-huawei-5g-gear-despite-us-warnings/155823/?oref=defenseone_today_nl



Authoritative sources within the UK are indicating that a complete ban on Huawei is unlikely hinting that the government will examine its participation in a component by component process. Other sources indicate that the EU as a whole is likely follow the same route despite warnings from the US that this could result in a cutoff of US intelligence data.

AT&T CEO Says China's Huawei Hinders Carriers from Shifting Suppliers for 5G

https://www.theepochtimes.com/att-ceo-says-chinas-huawei-hinders-carriers-from-shifting-suppliers-for-5g_2847362.html

Epoch Times, 24 March 2019

The reluctance of the UK, the EU, and Canada to fully ban Huawei from its 5G networks may be partially explained in this article. Therein AT&T's Chief Executive stated "If you have deployed Huawei as your 4G network, Huawei is not allowing interoperability to 5G — meaning if you are 4G, you are stuck with Huawei for 5G," said Stephenson at a speech in Washington. "When the Europeans say we got a problem — that's their problem. They really don't have an option to go to somebody else." This view is disputed in Canada by Bell although the cost of banning Huawei may reach one billion dollars for it and its partner Telus. <https://mobilesyrup.com/2019/02/07/bell-5g-huawei/>

Pentagon, Ericsson Discuss 5G Communications Plans – DoD Undersecretary

<https://sputniknews.com/military/201903261073539390-usa-pentagon-ericsson-5g-communication-plans/>

26 March 2019, Sputnik News

The US Department of Defence has opened discussions with Ericsson on developing the US government 5G network because of concerns over Huawei. The US DOD official also acknowledged the USA had to do a better job of explaining its security concerns with Huawei to its allies.

Trump Is Right About Huawei - Unfortunately, no one will take him seriously

<https://slate.com/news-and-politics/2019/03/trump-huawei-security-threat.html>

Fred Kaplan, the Slate, 20 March 2019

This article provides an excellent tour of the issues surrounding Huawei. On the issue of backdoors and the security checks for them Chris Wysopal, co-founder and chief technology officer of the cybersecurity firm Veracode provides good advice saying "Any device is one firmware update away from containing a backdoor. Technology is continuously updated, so point-in-time checks are not sufficient." The key, he says, is whether you "trust the organization and its policies and processes to maintain security for its customers." Kaplan blames Trump for the US failure to convince allies stating "the Trump touch — the diplomatic equivalent of an inept gardener's black thumb, turning even healthy plants to weed — has blighted the policy's prospects." Another commentator provided "you can't put together a coalition on this issue when you've been badmouthing NATO and destroying coalition efforts like the Iran nuclear deal."

Huawei ramps up foreign university investment

<https://www.ft.com/content/5468e724-4c7d-11e9-bbc9-6917dce3dc62>

Financial Times, 24 March 2019

Meanwhile Huawei has contributed some \$300 million to university research partnerships around the world. Elsewhere it was disclosed that \$30 million of this made its way to Canadian universities. Only Stanford and Oxford University have chosen to cut their ties to Huawei.

Weaponizing Market Access

<https://theconversation.com/the-major-trade-implications-of-the-canada-saudi-arabia-spat-101306>



There is nothing new about using international trade for diplomatic leverage. Describing China's embargo of Canadian canola exports in retaliation for actions against Huawei for violating US sanctions placed on Iran as "weaponizing market access" (<https://www.linkedin.com/pulse/chinas-other-great-wall-dr-sylvain-charlebois/>), however, is particularly apt in describing the game being played here. Professor Sylvain Charlebois (Dalhousie University) compares Canada's actions to protect 9,000 jobs at SNC Lavalin to the 45,000+ jobs associated with the nation's canola production and export. Canada's exports to the USA still dwarfs its trade with China, but Canadian support to American-led international initiatives will likely be increasingly cautious where paths to China are crossed.

Cash-rich China is investing deeply around the world, from the Arctic to South America, Africa, and southern Asia. Notwithstanding its predatory "debt trap" practices against vulnerable states (<https://qz.com/1223768/china-debt-trap-these-eight-countries-are-in-danger-of-debt-overloads-from-chinas-belt-and-road-plans/>), China's heavy-handed retaliation against Canada surprised most analysts. Until now, China has been reluctant to showcase dependencies and trade imbalances in the western world and, more critically, their growing susceptibility to Chinese political influence.

In hindsight, this move against canola may signal China's long anticipated emergence from regional to world power, willing to directly challenge American influence within its closest allies. Professor Charlebois describes China's messaging as "brilliantly measured and maliciously effective" but its strategic message is blunt, enabled by market vulnerabilities created by deliberate design. Europe is awaking to the danger (<https://carnegieeurope.eu/strategieurope/78708>) but, with Chinese wedge diplomacy already in place, the EU lacks consensus on the severity of the threat, let alone a common response.

The Huawei incident is not really about Canada, it's about reshaping empire by classic "divide and conquer" power relationships. When Saudi Arabia cancelled Canadian contracts, its strategic message to the world was "don't mess with our domestic laws", utilizing accepted bi-lateral trade practices. The Huawei/canola issue is different - China's strategic message to the world is "don't mess with our international outreach." This is "weaponizing" market access.

China is isolating, containing and diminishing its greatest global competitor and potential adversary. Canada is a sideshow - a peripheral flare within a much larger theatre of operation.

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.

Work on HMCS Corner Brook could stretch out to 2021, DND confirms

<https://ottawacitizen.com/news/national/defence-watch/work-on-hmcs-corner-brook-could-stretch-out-to-2021-dnd-confirms>



'The insult': Ottawa's move to honour Métis war vets comes after years of stonewalling

<https://www.cbc.ca/news/SOMNIA-1.5066577>



NATO's top military official talks Russia, Turkey and the INF Treaty

https://www.defensenews.com/global/europe/2019/03/22/natos-top-military-official-talks-russia-turkey-and-the-inf-treaty/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2022.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



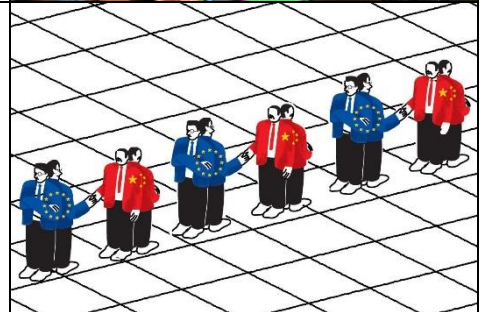
China vs Taiwan: ideological war goes global

<https://www.asiatimes.com/2019/03/article/china-vs-taiwan-ideological-war-goes-global/>



Europe wakes: why Beijing is on a mission to quell Brussels' fears about China

https://www.scmp.com/news/china/diplomacy/article/3002725/europe-wakes-why-beijing-mission-quell-brussels-fears-about?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2022.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Understanding Right Wing Extremism in the Aftermath of the Christchurch Attack

https://rusi.org/content/understanding-right-wing-extremism-aftermath-christchurch-attack?utm_source=RUSI+Newsletter&utm_campaign=c590f30b04-EMAIL_CAMPAIGN_2018_11_23_04_44_COPY_01&utm_medium=email&utm_term=0_0c9bbb5ef0-c590f30b04-47709521



A Confident Pakistan Army Recalibrates the Country's Regional Policies

https://rusi.org/commentary/confident-pakistan-army-recalibrates-country%E2%80%99s-regional-policies?utm_source=RUSI+Newsletter&utm_campaign=c590f30b04-EMAIL_CAMPAIGN_2018_11_23_04_44_COPY_01&utm_medium=email&utm_term=0_0c9bbb5ef0-c590f30b04-47709521



No need to lengthen Type 26 warship to meet Canada's needs, says DND

<https://ottawacitizen.com/news/national/defence-watch/no-need-to-lengthen-type-26-warship-to-meet-canadas-needs-says-dnd>



EU wants to partner with Canada to stamp out extremism in Mali, but Canada is racing to leave

<https://nationalpost.com/news/eu-military-wants-to-partner-with-canada-in-mali-as-it-races-for-exit>



F-35: What The Pilots Say

<https://www.airspacemag.com/military-aviation/f-35-faces-most-critical-test-180971734/>



Vladimir Putin Is Paying Now for Crimea: Weekend Edition

https://www.bloomberg.com/opinion/articles/2019-03-23/vladimir-putin-pays-high-price-for-crimea-opinion-jtlfz6j9?srnd=opinion&utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2025.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Russia is Censoring More Than Just the Internet

<https://www.themoscowtimes.com/2019/03/21/russia-is-censoring-more-than-just-the-internet-a64905>



Pentagon To Explore Potential of 5G — and Its Made-in-China Hazards

https://www.defenseone.com/technology/2019/03/pentagon-explore-5gs-potential-and-its-made-china-hazards/155812/?oref=defenseone_today_nl



Homeland missile defense system takes out ICBM threat in historic salvo test

https://www.defensenews.com/land/2019/03/25/homeland-missile-defense-system-takes-out-icbm-threat-in-historic-salvo-test/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2026.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Why did a Coast Guard cutter take a jab at China?

https://www.navytimes.com/news/your-navy/2019/03/25/why-did-a-coast-guard-cutter-take-a-jab-at-china/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2026.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Pakistan sends subtle messages to India, US with military parade

https://www.defensenews.com/global/asia-pacific/2019/03/25/pakistan-sends-subtle-messages-to-india-us-in-military-parade/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2026.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Indian snipers will be using these two new rifles to guard their border with Pakistan

https://www.militarytimes.com/off-duty/gearscout/irons/2019/03/19/indian-snipers-will-be-using-these-two-new-rifles-to-guard-their-border-with-pakistan/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2026.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Trump Formally Recognizes Israeli Sovereignty Over Golan Heights

https://www.npr.org/2019/03/25/706588932/trump-formally-recognizes-israeli-sovereignty-over-golan-heights?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2026.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Canadian peacekeepers evacuated injured French counter-terror troops in Mali

<https://www.ctvnews.ca/world/canadian-peacekeepers-evacuated-injured-french-counter-terror-troops-in-mali-1.4351905>



Supreme Court tests the limits of military justice in rare appeal case

<https://www.cbc.ca/news/SOMNIA-1.5071218>



Japanese jets intercept Chinese anti-submarine aircraft, says Tokyo

https://www.defensenews.com/global/asia-pacific/2019/03/26/japanese-jets-intercept-chinese-anti-submarine-aircraft-says-tokyo/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%203-27&utm_term=Editorial%20-%20Early%20Bird%20Brief



Indian Prime Minister Announces Successful Anti-Satellite Weapon Test in National Address

https://thediplomat.com/2019/03/indian-prime-minister-announces-successful-anti-satellite-weapon-test-in-national-address/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%203-27&utm_term=Editorial%20-%20Early%20Bird%20Brief



China's Scare Tactics Prompt U.S. Fears of a Clash Over Taiwan

https://foreignpolicy.com/2019/03/25/chinas-scare-tactics-prompt-u-s-fears-of-a-clash-over-taiwan/?utm_source=PostUp&utm_medium=email&utm_campaign=11933&utm_term=Flashpoints%20OC



When China Convinced the US That Uighurs Were Waging Jihad

https://www.defenseone.com/politics/2019/03/when-china-convinced-us-uighurs-were-waging-jihad/155885/?oref=defenseone_today_nl



China defends Tibet policy ahead of Dalai Lama exile anniversary

https://www.dw.com/en/china-defends-tibet-policy-ahead-of-dalai-lama-exile-anniversary/a-48073059?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2028.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



It's time for China to become a normal country

https://thehill.com/opinion/international/435654-its-time-for-china-to-become-a-normal-country?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2028.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



What to Do When the Russian Government Wants to Blackmail You

https://www.theatlantic.com/international/archive/2019/03/russia-government-blackmail-kompromat/585850/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2028.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Scandinavia Won't Be Russia's Next Target

https://foreignpolicy.com/2019/03/27/scandinavia-wont-be-russias-next-target-putin-nato-finland-sweden-defense-saakashvili-georgia/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2028.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Canada, UN disagree over restrictions on pledged military transport plane

<https://www.theglobeandmail.com/canada/article-canada-un-disagree-over-restrictions-on-pledged-military-transport/>



Other Sources:

#air power

This is the air power theorist the Air Force needs (and already has)

<https://nationalinterest.org/blog/buzz/airpower-theorist-air-force-needs-and-already-has-44697>

book: "Airpower for Strategic Effect"

https://www.airuniversity.af.edu/Portals/10/AUPress/Books/B_0122_GRAY_AIRPOWER_STRATEGIC_EFFECT.PDF

Why air power needs land power

<https://mwi.usma.edu/airpower-needs-landpower/>

No End in Sight to the Army's Dependence on Airpower

<https://warontherocks.com/2016/12/no-end-in-sight-to-the-armys-dependence-on-airpower/>

#child soldiers

Dalhousie-based initiative seeks to eradicate recruitment of child soldiers

<https://www.universityaffairs.ca/news/news-article/dalhousie-based-initiative-seeks-to-eradicate-the-use-of-child-soldiers/>

Some of you are aware that RUSI(NS) has been supportive of the Roméo Dallaire Child Soldiers Initiative since Shelly Whitman was our Distinguished Speaker a few years ago. And that some of our members are now closely engaged with the Initiative.

#communications

Congratulations to Army Media and Communications for winning Campaign of the Month

FYI: <https://gcs.civilservice.gov.uk/news/congratulations-to-army-media-and-communications-for-winning-campaign-of-the-month/>

UK article, but interesting, both from the perspective of reading like an after-action/lessons-learned report, and from its at times not-so-evident lessons about communications (and recruiting). Indeed, it

leads to questions: what level was this communications effort? Strategic, operational (if that term can be applied administratively) or tactical? Hmm, an item for a conversation on what constitutes strategic, etc., communications? Keep these in mind for our 8 May speaker!

#drones

The Perfect Can Wait: Good Solutions to the ‘Drone Swarm’ Problem

<https://warontherocks.com/2018/08/the-perfect-can-wait-good-solutions-to-the-drone-swarm-problem/>

Develop C-UAS Kit for the MK 38 MOD3 Gun Weapon System

<https://www.fbo.gov/index?id=c75021cd459712472d878ad0769bc9d4>

The Mk 38 is 25mm. Hmm, could something like this be developed as a counter-drone capability for the Harry DeWolf-class?

The case for an unmanned Australian warship

<http://www.australiandefence.com.au/news/the-case-for-an-unmanned-australian-warship>

What would a case for an unmanned Canadian warship read like?

#extremism

Understanding Right Wing Extremism in the Aftermath of the Christchurch Attack

<https://rusi.org/content/understanding-right-wing-extremism-aftermath-christchurch-attack>

#financial crime

Expanding the Capability of Financial Information-Sharing Partnerships

<https://rusi.org/publication/occasional-papers/expanding-capability-financial-information-sharing-partnerships>

Akin to "fin war."

#information operations

The Future of Information Combat Power: Winning the Information War

<http://cimsec.org/the-future-of-information-combat-power-winning-the-information-war/39934>

Information-age warfare and defence of the cognitive domain

<https://www.aspistrategist.org.au/information-age-warfare-and-defence-of-the-cognitive-domain/>

Beyond Hybrid War: How China Exploits Social Media to Sway American Opinion

<https://www.recordedfuture.com/china-social-media-operations/>

#naval warfare

Don't Forget Our Allies! Interoperable Maritime Operations in a Combined Environment

<http://cimsec.org/dont-forget-our-allies-interoperable-maritime-operations-in-a-combined-environment/39859>

#soldiering

Do Soldiers Need Sleep?

<https://fromthegreennotebook.com/2019/03/27/do-soldiers-need-sleep/>

#space

RCAF leads Canadian Armed Forces space initiatives

<http://www.rcf-arc.forces.gc.ca/en/article-template-standard.page?doc=rcaf-leads-canadian-armed-forces-space-initiatives/jtk96x80>

#war

The Gestalt of Warfare in the Flow of Time

<https://thestrategybridge.org/the-bridge/2015/3/27/the-gestalt-of-warfare-in-the-flow-of-time>

#weapons

Laser Weapons: A Blueprint for Adding Them to the Force

<https://www.defenseone.com/ideas/2019/03/laser-weapons-blueprint-adding-them-force/155700/>

Other:

Canadian Armed Forces Virtual Library

<https://www.cfc.forces.gc.ca/188/223-eng.html>

NATO Multimedia Library Thematic Bibliography no. 3/19 "Post-Cold War NATO Enlargement"

http://www.natolibguides.info/ld.php?content_id=32223440

Previous bibliographies: http://www.natolibguides.info/library/find/library_pubs#THEMBIB

Psychological Operations

Recently a RUSI(NS) member queried about readings in psychological operations. That query led to the following list being compiled:

U.S. Army Psychological Operations Officer Training Manual

<https://publicintelligence.net/usarmy-psyops-officer/>

U.S. Army Psychological Operations Specialist Training Guide

<https://publicintelligence.net/usarmy-psyops-specialist/>

NATO Military Policy on Psychological Operations

<https://publicintelligence.net/nato-psyops-policy/>

NATO Allied Joint Doctrine for Psychological Operations

<https://publicintelligence.net/nato-psyops/>

How to Conduct Psychological Operations

<https://publicintelligence.net/how-to-conduct-psyops/>

U.S. Army Psychological Operations Process Tactics, Techniques, and Procedures Manual

<https://publicintelligence.net/restricted-u-s-army-psyops-manual/>

History of Psychological Operations and Military Information Support Operations (PSYOP and MISO)

<https://www.youtube.com/watch?v=2plFxlcf9-g>

Psychological Operations Tactical Operator (TACOP)

<https://peacesupport.ca/courses/psyops-tactical-operator>

Psychological Operations Tactics, Techniques, and Procedures

<https://fas.org/irp/doddir/army/fm3-05-301.pdf>

Warship Names

From *Dispatches* 22 Mar 19: Warship names are important matters of loyalty for #RCNavy sailors <https://www.cbc.ca/news/politics/navy-supply-ships-war-1812-1.5057292> Hopefully CAN🇨🇦 Surface Combatant #CSC names will be selected from long/proud @RCN_MRC history. RUSI(NS) Info Note: <https://rusi-ns.ca/naming-renaming-canadian-warships/>

Remarks from a RUSI(NS) member and others:

Re Murray Brewster's 16 Mar 196 CBC article "Navy deep sided Conservative's plan to name vessels after War of 1812 battles" in the 22 Mar edition of *Dispatches* and Marc Milner's quote in the article "The navy was very upset that they would start naming warships after army battles":
It's already been done before. The navy's memory is short in not remembering the twelve Battle-class trawlers built during the First World War for service in 1917-18: HMC Ships *Arleux*, *Armentieres*, *Arras*, *Festubert*, *Givenchy*, *Loos*, *Messines*, *St. Eloi*, *St. Julien*, *Thiepval*, *Vimy* and *Ypres* were all named after prominent Canadian Army battles of the war. After the war, these ships saw service as lightships, fisheries patrol vessels, gate vessels and other uses. Some of them were even recalled for service as naval vessels during the Second World War.

Yes, but in those days we had more ships than "naval history!"

Too true! If only it were the same today

