



Royal United Services Institute of Nova Scotia Dispatches

15 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. The most recent four editions are posted to: <https://rusi-ns.ca/category/publications/dispatches/>. Note that links at 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.

20 March, Wednesday - Distinguished Speaker Chief Petty Officer First Class Craig MacFadgen, New Capabilities Introduction Detachment Halifax, titled "Introducing New Capabilities into the Navy." 1130-1330. Royal Artillery Park Officers' Mess.

20 March, Wednesday - RUSI(NS) **Annual General Meeting**. Following Distinguished Speaker. Royal Artillery Park Officers' Mess.

21 March, Thursday - St Thomas University Calithumpians present "Centennial Sentinel," a play and discussion about the First World War. 6pm. Ted Daigle Auditorium, Edmund Casey Hall, St Thomas University. See poster an end of *Dispatches*.

26 March, Tuesday - Dalhousie University Centre for the Study of Security and Development panel "The Opening Arctic:

The Security-Development Nexus and Implications for Canada." 1-3pm. University Hall, MacDonald Building, Dalhousie University. Free. For info on panelists, email RUSINovaScotia@gmail.com.

Presentation Synopses:

"The Arctic in International Law - A Canadian Perspective"

"Human Rights and Women's Empowerment in Canada's Arctic Engagement"

"Dispersed Logistics: A Better Answer for Northern Security"

"Non-Arctic States' Engagement in Arctic Governance: An Overview from China's Perspective and its Arctic Policy"

"Wherever There is Water"

See poster at end of Dispatches and https://www.dal.ca/sites/cssd/news-events/events-calendar/2019/03/26/the_opening_arctic_the_security_development_nexus_and_implications_for_canada.html

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. See poster at end of *Dispatches*. To register: <https://www.eventbrite.ca/e/how-canada-can-respond-to-the-threat-of-populism-tickets-58601631056>

5 April, Friday - Distinguished Speaker TBA. 1130-1330. Royal Artillery Park Officers' Mess. **Note** that this is an impromptu event taking advantage of a senior officer'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) Briefing "New Air Surveillance System," by Ed Young, 4 March 2019
<https://rusi-ns.ca/new-air-surveillance-system/>

The Military Institute of Windsor Communiqué Volume XXXVII Number 3 March 2019 is available on request to RUSINovaScotia@gmail.com.

The United Services Institute of Nanaimo and North Island (USINNI) Newsletter Vol 27 No 03 March 2019 is available on request to RUSINovaScotia@gmail.com.

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.

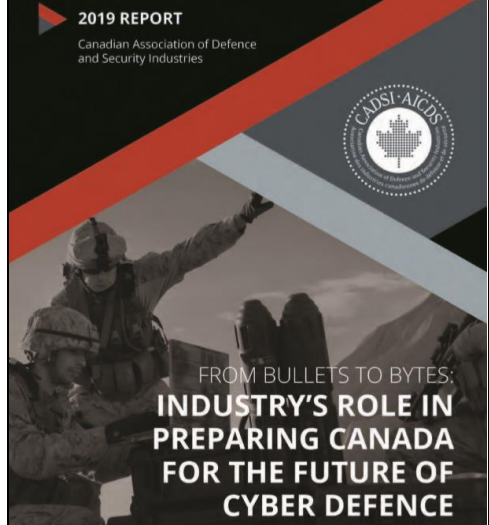
"The Case for Canadian Naval Ballistic Missile Defence"
<http://www.navalreview.ca/wp-content/uploads/public/vol14num3/vol14num3art1.pdf> "Naval BMD provides pragmatic, operational benefit to the #RCNavy in operating in theatres of growing contestation while also offering a portal of entry into the wider global BMD developments"




.@CDAInstitute "Using Social Media to Tackle Recruiting Shortages in the Armed Forces" <https://cdainstitute.ca/using-social-media-to-tackle-the-recruiting-shortages-in-the-armed-forces/> @NationalDefence "has demonstrated that social media can be used as highly effective tools to deliver its messages with a new approach"



From Bullets to Bytes: Industry's Role in Preparing Canada for the Future of Cyber Defence
<https://www.defenceandsecurity.ca/media/article&id=346&t=c>
"mil procurement models & levels of industry-gov't co-op have not kept pace with unprecedented speed of cyber & could compromise nat'l security if left unaddressed"



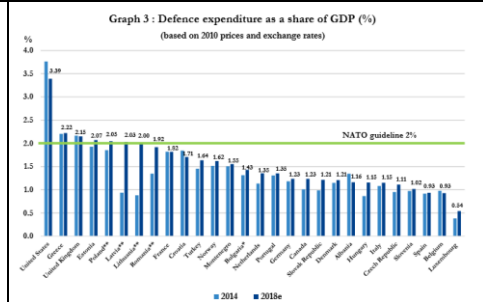
Depoliticizing Canada's  Defence Procurement Process
<http://natoassociation.ca/depoliticizing-canadas-defence-procurement-process/> Call for efficient & less politicized procurement process by small steps (eg bipartisan agreement on tackling structural problems associated with process or establishing guidelines that apply only to replacement of one major equipment)



Retaining & recovering #RCAF pilots
<https://ottawacitizen.com/news/national/defence-watch/canadian-military-wants-retired-pilots-to-come-back-trying-to-make-system-flexible-to-allow-for-that> Yes, flying versus desk job, operational tempo, work-home balance, predictability of geo location. Love of service, love of job - it's not always about money
(Canadian military wants retired pilots to come back - system needs to be flexible to allow that, says general)



"Defence Expenditure of #NATO Countries (2011-2018)"
https://www.nato.int/nato_static_fl2014/assets/pdf/pdf_2019_03/190314-pr2018-34-eng.pdf CAN 1.2 vs 2% target defence expenditure of GDP; 13.1 vs 20% equipment expenditure of defence expenditure



.@DavidPugliese article highlights that in major defence projects, acquisition of major spares is important/significant aspect <https://ottawacitizen.com/news/national/defence-watch/rcf-may-not-need-7-of-the-25-used-australian-f-18s-says-defence-procurement-chief> Number of engines procured different than number of aircraft. Affects readiness, availability for sorties



Posted on Facebook Royal United Services Institute NS with comments:

Australia picks Raytheon for Aegis integration on Hunter-class frigates

<https://navaltoday.com/2019/02/15/australia-picks-raytheon-for-aegis-integration-on-hunter-class-frigates/>



On 25 February 2019, RUSI(NS) @RUSI_NS tweeted: AUS is Australianising their Type 26 frigate procurement (w Aegis combat management system) just like CAN will Canadianize its Cdn Surface Combatants #CSC for #RCNavy Normal in warship shipbuilding projects for particular weapons, sensors to be installed

On 25 February 2019, (((Jamie Carroll))) @jec79 25 Feb 19 replied: I worry that CAF often takes Canadianizing too far. AORs could have been sailing by now but for ridiculous levels of “izing”. On Type 26, given the three allies (at least) are all using same base design, wouldn’t less “izing” be better? Supply chain, interoperability, etc.?

The point about Canadianization of the Type 26 design for the Canadian Surface Combatant (CSC) was brought to the attention of the Department of National Defence. The following was received:

"Canadianization is essential because it’s based on the equipment, sensors and radars we’re using (in particular, we have a bigger and more powerful maritime helicopter than our allies – needs to be accounted for in the flight deck).

UK and Australian operating environments are not identical to ours – littoral missions are very different, maritime missions less so. (Also we’re using a single combatant, where the UK also has Type 45s).

Getting a ship out faster isn't always the smart decision, especially if you have to trade out margins to do so. For both AOPS and CSC, which will be in operations for 30 years, you're buying extra space, power, and weight so you can upgrade and add capabilities not even yet in development. You can't add space or weight to a ship that's already been built."

When Trust Fails: How Long Can the Russian State Withstand Waning Public Support?

<https://www.themoscowtimes.com/2019/03/06/when-trust-fails-how-long-can-the-russian-state-withstand-waning-public-support-a64731>



"When Trust Fails"

"When Trust Fails: How Long Can the Russian State Withstand Waning Public Support?" is an article by Maxim Trudolyubov published in the Moscow Times on 6 March 2019.

President Putin's approval rating continues to deteriorate although they have not reached the lowest he ever had which was in 2011. The economic crisis which he is almost totally responsible for is taking its toll. Russian incomes are down nearly 11% and the average Russian is not seeing benefits of Putin's "economic policies." The Putin regime has put the country into de facto economic decline from the point of view of the common citizen. Emigration is at an all-time high.

The Russian economy sputters along slowly, yet the Putin regime has put away over \$478 B USD in foreign exchange reserves and will have a 30 B USD surplus in the budget at the same time most Russians are doing poorly. Putin has chosen to bank roll his foreign gambles rather than to benefit Russian citizens.

One has to keep in mind that the Kremlin controls over 80% of the media so actual approval rating/disapproval ratings may be quite a bit higher. Putin has equipped the National Guard with new equipment much the same as has Nicholas Maduro and the People's Militias in Venezuela. It is suspected that the regime will retain power through the power of the gun and brute force rather than popular vote. The real question is whether resentment will build up to such an extent that even the brute force won't stop a popular movement against an increasingly corrupt and unpopular regime.

Putin Turns Swathes of Russia Into Flyover Country

<https://www.themoscowtimes.com/2019/03/07/putin-turns-swathes-of-russia-into-flyover-country-a64737>



Russian Development Plans

"Putin Turns Swathes of Russia into Flyover Country" by Leonid Bershidsky in the Moscow Times on 7 March 2019 is an interesting look at some of the future development of Russia.

As much as it would be great to berate the Putin regime on this issue, one can't as similar situations occur in the West including Canada. In the case of Russia, it still suffers from the vast number of Soviet-era projects that were poorly done and were often way over the top as to the actual needs of the country. Much of this infrastructure cannot be maintained. The Kremlin has taken a hard look at the country and its current development and has made hard decisions that actually focuses federal money on specific growth areas and has left the remainder in the hands of local government. Only four unusual areas were added according to the article: Crimea, the Arctic, the Far East and the North Caucasus regions. The rest will be focused on the forty largest cities with Moscow (unsurprisingly) being the biggest winner and St Petersburg being close behind. The small towns and lesser cities will be left out and left to the local regional governments to develop with whatever resources they can get.

As the article points out, large areas of Russia will become uninhabited with many ghost towns and villages. As we have seen in the West, trying to retain every town and village becomes increasingly difficult, so the Kremlin has made crucial decisions to support success and key areas of strategic interest. How Russia's population feels about this may be quite different.

Toilet-equipped tank: Russian engineers install latrines on state-of-the-art Armatas

<http://tass.com/defense/1047862>



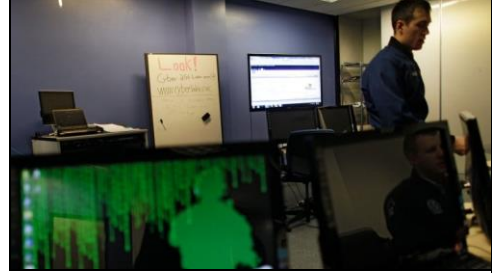
Toilet Equipped Tank : Russian Engineers Install Latrines on State of the Art Armatas published in Tass on 7 March 2019)

Now normally I would not comment on something like this, but it is too good to pass up. Having spent many years in armoured vehicles, I know they are truly smelly at the best of times, so the idea of having an “indoor” toilet may appeal to some... But not if one has truly been in an armoured vehicle for anything more than coffee break. There is a real benefit for getting out of the vehicle and stretching one's legs and allowing one's fellow “passengers” not to be overwhelmed by certain odours. There is a limit on what one is willing to put up with for “God, Queen and Country.”

Still, the Armatas is a two-man crew with much computerised in it, and whilst the problem is more limited than say a four-man crew of a Leopard 2 tank, space is always an issue. One has to wonder what would happen in a crash move as one is still doing one's business...safety belt? What prevents splash? Is this the true culmination of Russian technical skill to win the toilet race with the West? The safeguards have to be there to make this work. I cannot write anymore more as I am laughing too hard. I pity the next generation of Russian tankers. Good luck, Comrade, you will need it when the toilet clogs.

A cyber war has started and Canada isn't ready to fight it, says report

<https://www.cbc.ca/news/politics/cyber-war-procurement-cadsi-1.5045950>



Defence Cyber Security "Solution"

A cyber war has started and Canada isn't ready to fight it, says report

"A new report questions how well prepared the Canadian military and the federal government are to fight a cyber war that, for all intents and purposes, has started already."

I am a bit wary of an industry report that warns of an impending military "vulnerability" and then says the best solution is to delegate it fully to industry (with funding).

From page 21 of the CADSA report: "CADSI's research suggests the most advanced cyber defence strategies employed by western nations have a component that is INDUSTRY-LED, ACADEMIC-SUPPORTED AND GOVERNMENT-FUNDED (capitalization added) to permit the incubation of next-generation ideas at the speed of cyber without the limitations of bureaucracy. A similar approach for Canada would empower and mobilize a strong line of defence against rapidly evolving cyber threats."

I accept the slow Defence procurement cycle is problematic but cyber is such a fast-expanding (read "lucrative") issue that everyone is wanting to latch onto.

The full CADSI report is available at:

<https://www.defenceandsecurity.ca/UserFiles/Uploads/publications/reports/files/document-24.pdf>

Special forces looks at recruiting off the street amid shifting demands

<https://www.ctvnews.ca/politics/special-forces-looks-at-recruiting-off-the-street-amid-shifting-demands-1.4325173>



Canadian Special Operations Forces Command Seeks "Non-Traditional" Recruits

Special forces looks at recruiting off the street amid shifting demands

Notwithstanding independence of Special Operations Forces (SOF) from parliamentary oversight that can facilitate assignment to missions that might extend beyond the publicly acknowledged "commando", hostage rescue, and extreme hazard tasks (e.g., chemical-biological-radiological-nuclear response), Canada's SOF is entering a period of decreased military priority as traditional (heavy force) warfare returns to the fore. Now SOF wants to recruit outside military lines ("accelerated recruiting") to meet still-expanding operational requirements, a cry similar to that heard from the Canadian Armed Forces' (CAF) cyberspace operations community.

Except for extreme exceptions (e.g., highly focused skill sets), I anticipate such recruitment would

ultimately be found highly disruptive to CAF culture and organization, especially in terms of career advancement, appointment opportunities, and operational integration. Justifying entire occupation classifications to be exempt from common military standards and qualification requirements (e.g., physical fitness, official language proficiency, common training) for the purpose of acquiring cultural diversity would likely be poorly received within the larger force that struggles to identify and maintain “universality of service” conditions for employment.

Perhaps “accelerated recruiting” would be sustainable if the SOF “black ops” section was severed from the military and operated as a Department of National Defence or Public Safety Canada civilian organization (akin to a Canadianized version of the CIA’s National Clandestine Service). Such an agency might enable a mixture of unorthodox human intelligence collection and tailored trans-national offensive action (e.g., cyber), neither of for which the CAF organization and culture is well suited.

US Navy’s latest frigate plans: beyond LCS, but how far?

<https://www.iiss.org/blogs/military-balance/2017/08/us-navy-latest-frigate>



Though this article is dated, there are lessons herein for those watching and assessing the Canadian Surface Combatant project: the possibility of and contending with criticisms of survivability, weapons capabilities, costs and embarked mission packages (think containers, drones, boats).

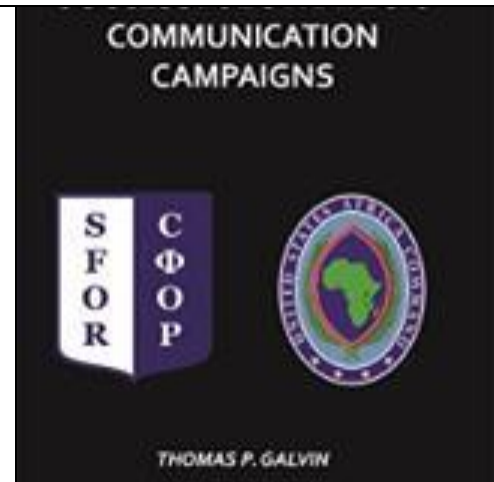
There is an interesting reflection in the article about growth of the US frigate/"small surface combatant." What any navy should be structured like depends on the state's geo-political-strategic situation. Certainly the US is in a certain situation as the superpower (now being challenged) whilst Canada is in its own situation, a middle power tucked in a corner of the globe. What's wrong with having a preponderance of high-end ships or low-end ships, depending on the state's situation? Is there lack of public understanding (partly supported by lack of official explanation) of what a balanced navy should look like?

The Royal Canadian Navy will have a spectrum of surface ships, from (relatively) high capability frigates to capable (at least, as patrol ships) Arctic and Offshore Patrol Vessels to regional, smaller Kingston-class patrol vessels. Somewhat unbalanced at this time for lack of support ships (replenishment oilers, etc.). Harbour craft and shore support structure appear to be okay. Reasonable air power available, with certainly capable shipborne helicopters and capable long-range patrol aircraft. Submarines (there could/should be more).

Aside from modernization of the North American Aerospace Defense Command, a decision by Canada on procurement of new submarines is probably the most strategically significant one that remains pending following Canada's current defence policy "Strong, Secure, Engaged." Submarines are a great capability, but history and costs work against it.

Two Case Studies of Successful Strategic Communication Campaigns

<https://ssi.armywarcollege.edu/pubs/display.cfm?pubID=1403>



(edited synopsis): "This book details two case studies of successful US military strategic communication campaigns which began in environments unfavorable to the commanders and their organizations but, in both cases, the campaign helped turn perceptions of the command into a more favorable light."

Comments from a professional communications staff: An overarching observation and then three slightly connected thoughts that have been bouncing around in my head on this.

The overarching observation is that the definitions of strategic communications discussed in the piece (including the Joint Staff 2010 definition) treat strategic as a modifier and communications as the subject. In essence, the emphasis is on the communications and the onus is on communicators to be more strategic. I don't quite agree. The emphasis needs to be on strategy – as a senior Canadian Armed Forces public affairs officer has noted, the lesson to be drawn from the Gerasimov doctrine is that Russia has realized they can achieve more solid political gains at less cost using nonkinetic or hybrid means. Until the strategy shifts on our side (which is the responsibility of commanders, not communicators), we'll be spinning our wheels.

The slightly connected thoughts are as follows:

1. Institutional credibility is linked to your legitimacy as a force, and thus institutional credibility can be considered part of your centre of gravity in hybrid campaigns.
2. The constantly-on nature of the information domain means that stratcomms efforts in an operation must, by necessity, transcend your area of responsibility. A corollary is that the division of public affairs responsibilities between headquarters and forward may need to shift or be less strict.
3. Efforts to preserve institutional credibility must, by necessity, transcend both the information domain and the efforts of communicators. Every action by everyone in uniform will be judged by our own people, allies, partners, adversaries and civilians, in every moment, and no amount of good communications will polish a bad situation.

Short version: strategic communications cannot be the exclusive domain of communicators. Commanders need to step up.

Russia's blue-water frigate Admiral Gorshkov enters Mediterranean

<http://tass.com/defense/1048261>



Interesting to see the term 'blue-water' in the article's headline. Not a term normally applicable to an individual ship (though modern frigates are global rather than regional ships - a darker blue?) but certainly applicable to the Russian naval group, what with the group being composed of a "multifunctional logistics support ship," "salvage tug" and "medium-sized sea tanker." There is a lesson there for navies that want to be 'blue water.' It's all about the support/logistics capability.

Some terms do get somewhat mixed in translation. Would be interesting to know what the original Russian wording was.

If Stalin Had a Smartphone

<https://www.nytimes.com/2019/03/11/opinion/internet-technology-stalin-dictators.html>



This is a New York Times opinion piece, with a humorous bent, Columnist David Brooks answers the question "What would Stalin do if he had smartphone technology?" In doing so he lays out the potential of such technology for misuse.

My thanks to Colonel Pat Kelly, currently serving in Ottawa, for sharing this article with us.

Howard Coombs
CDAI

American B-52 bombers to fly into UK this week amid mounting Russia tensions

<https://www.mirror.co.uk/news/politics/american-b-52-bombers-fly-14130838>



This the *Mirror* article "American B-52 bombers to fly into UK this week amid mounting Russia tensions." I would like to thank journalist Bruce Jones for sharing this article.

On a related note the Institute for the Study of War posted the report "How We Got Here With Russia:

The Kremlin's Worldview” As part of the background to this piece the ISW posted: “The top U.S. military commander in Europe testified before Congress today that Russia remains the primary threat to a stable Euro-Atlantic security environment. Resurgent Russian aggression, including the illegal occupation of Ukraine's Crimean Peninsula beginning in 2014, caught many in the West by surprise despite a long trail of warning signs. The Kremlin's ongoing campaigns are mere extensions of a consistent worldview held by Russian President Vladimir Putin, who rose to power 20 years ago.” The report is attached and available at <http://www.understandingwar.org/report/how-we-got-here-russia-kremlins-worldview>

Howard Coombs

CDAI

Republican Donor Cindy Yang Linked to Chinese Influence Machine

<https://foreignpolicy.com/2019/03/12/962067-china-unitedfront-corruption-scandal/>



This is a detailed report from the respected journal *Foreign Policy* on the extensive efforts of the Chinese United Front Organization to penetrate the US, Canadian and Australian political processes. The article argues the United Front Organization “has a long history, both in the United States and elsewhere, of working with China’s traditional intelligence apparatus to cultivate relationships with wealthy political elites, recruit assets, and gather intelligence.” The United Front works through such local associations as the China Council for the Promotion of Peaceful National Reunification Society to encourage the Chinese diasporas to support Beijing's policies. The article also argues a United Front-linked civil society group in Vancouver, likely the Canada Wenzhou Friendship Society, was ensnared in vote buying in support of chosen Chinese candidates in the 2018 local elections (see additional link below). Similar efforts in Australia attempted to encourage Chinese-Australian communities to bloc-vote for Beijing-friendly politicians. Western business leaders are also targeted by offering lucrative trading opportunities in return for support for Beijing's policies concerning Hong Kong or Taiwan. The US response has been Foreign Agents Registration Act which requires agents conducting any kind of political lobbying to register with the Department of Justice and the creation of the FBI Foreign Influence Task Force.

Vancouver Society At Centre Of Vote-Buying Allegations Has Ties To Chinese Government
<https://www.Thestar.Com/Vancouver/2018/10/16/Vancouver-Society-At-Centre-Of-Vote-Buying-Allegations-Has-Ties-To-Chinese-Government.Html>

16 Oct 2018, Jenny Peng and Joanna Chiu, Star Vancouver

Russian Internet Trolls Are Apparently Switching Strategies for 2020 U.S. Elections

<http://time.com/5548544/russian-internet-trolls-strategies-2020-elections/>



This detailed report points out the FBI believes that social media would be the main venue used by foreign groups to influence the 2020 US election. There is, however, evidence that this interference will move away from posting fake news on social media (their tactic in the US 2016 elections). This shift has resulted from Facebook and others now cracking down on that fake foreign content. As a result, groups such as the Russian Internet Agency (an alleged ‘troll factory’) will instead post legitimate but politically divisive material. There's also a belief that effort will be supported by "massive" numbers of false followers for those posts generated by assisting hackers. Given Canada's hard-line against Russia in the Crimea and the Ukraine, I suspect we would also be targets.

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.

Air Force chief defends F-35A against critics, boasting kills at Red Flag

<https://www.airforcetimes.com/news/your-air-force/2019/02/20/air-force-chief-defends-f-35a-against-complaints-boasting-kills-at-red-flag/>



European dispute over arms exports tests Germany’s stance of ‘Nein!’

<https://www.defensenews.com/global/europe/2019/02/25/european-dispute-over-arms-exports-tests-germanys-stance-of-nein/>



US ‘Gets Its Ass Handed To It’ In Wargames: Here’s A \$24 Billion Fix

https://breakingdefense.com/2019/03/us-gets-its-ass-handed-to-it-in-wargames-heres-a-24-billion-fix/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2008.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Philip Davidson, the top US officer in Asia, warns Beijing's military activity in South China Sea is 'not reducing in any sense of the word'

https://www.scmp.com/news/asia/southeast-asia/article/2189088/philip-davidson-top-us-officer-asia-warns-beijings-military?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2008.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Using Social Media to Tackle Recruiting Shortages in the Armed Forces

<https://cdainstitute.ca/using-social-media-to-tackle-the-recruiting-shortages-in-the-armed-forces/>



Northern border along Arctic, not southern, is what worries NORAD leaders

https://www.militarytimes.com/news/your-military/2019/02/27/northern-border-with-canada-not-southern-is-what-worries-norad-leaders/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2028.02.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



NATO's Efforts in Projecting Stability: The Role of Allied Joint Force Command Naples

https://rusi.org/event/nato-efforts-projecting-stability-role-allied-joint-force-command-naples?utm_source=RUSI+Newsletter&utm_campaign=38fb14d39d-EMAIL_CAMPAIGN_2018_11_23_04_44_COPY_02&utm_medium=email&utm_term=0_0c9bbb5ef0-38fb14d39d-47709521



Drones in the Canadian Arctic

<https://www.tc.gc.ca/en/programs-policies/programs/national-aerial-surveillance-program/drones-canadian-arctic.html>



Canadian military wants retired pilots to come back - system needs to be flexible to allow that, says general

<https://ottawacitizen.com/news/national/defence-watch/canadian-military-wants-retired-pilots-to-come-back-trying-to-make-system-flexible-to-allow-for-that>



Under proposed legislation, military police don't have to inform victims of their rights: ombudsman

<https://globalnews.ca/news/5041447/canada-military-police-victims-rights-declaration/>



Russians Rally For Internet Freedom

https://www.rferl.org/a/russians-rally-against-moves-to-tighten-the-screws-on-internet-freedom/29813172.html?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2011.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



A more assertive EU in a volatile world

https://defence.frontline.online/blogs/57644-EU-Secretary%20General/11274-A%20more%20assertive%20EU%20in%20a%20volatile%20world?utm_source=FrontLine+e-Newsletter&utm_campaign=bae256ba0b-EMAIL_CAMPAIGN_2019_03_11_11_37&utm_medium=email&utm_term=0_c695d3fd22-bae256ba0b-89113457



Will taxpayers be reimbursed for the \$41 million spent on fire-damaged Louis St. Laurent building?

<https://ottawacitizen.com/news/national/defence-watch/will-taxpayers-be-reimbursed-for-the-41-million-spent-on-fire-damaged-louis-st-laurent-building>



The strange case of a 'European aircraft carrier'

https://www.defensenews.com/global/europe/2019/03/11/the-strange-case-of-a-european-aircraft-carrier/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2012.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



U.S. to start making parts for ground-launched cruise missile systems

https://www.reuters.com/article/us-usa-russia-inf/u-s-to-start-fabricating-parts-for-ground-launched-cruise-missile-systems-idUSKBN1QS1W8?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2012.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



US 'warns Germany a Huawei deal could hurt intelligence sharing'

https://www.bbc.com/news/business-47533516?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2012.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



After 20 years in NATO, Poland still eager to please

https://www.dw.com/en/after-20-years-in-nato-poland-still-eager-to-please/a-47862839?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2012.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Why North Korea resumed missile site activity

<https://www.asiatimes.com/2019/03/article/why-north-korea-resumed-missile-site-activity/>



RCAF may not need seven of the 25 used Australian F-18s, says defence procurement chief

<https://ottawacitizen.com/news/national/defence-watch/rcaf-may-not-need-7-of-the-25-used-australian-f-18s-says-defence-procurement-chief>



Italy Air Force chief attacks F-35 'uncertainty' in Rome

https://www.defensenews.com/global/europe/2019/03/13/italy-air-force-chief-attacks-f-35-uncertainty-in-rome/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb-3-13&utm_term=Editorial%20-%20Early%20Bird%20Brief



Beijing: Two pilots killed in fighter jet crash

https://www.navytimes.com/news/your-navy/2019/03/12/beijing-two-pilots-killed-in-fighter-jet-crash/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb-3-13&utm_term=Editorial%20-%20Early%20Bird%20Brief



Kongsberg to supply Joint Strike Missiles for Japanese F-35s

<https://www.upi.com/Defense-News/2019/03/12/Kongsberg-to-supply-Joint-Strike-Missiles-for-Japanese-F-35s/5731552395046/>



Pentagon officially stands up Space Development Agency, names first director

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Estonian intelligence flags Russian civilian vessels as would-be spy ships

https://www.defensenews.com/global/europe/2019/03/13/estonian-intelligence-flags-russian-civilian-vessels-as-would-be-spy-ships/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2014.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Maneuvering to isolate Taipei, China fires rhetorical broadsides at Taiwan

https://www.navytimes.com/news/your-navy/2019/03/13/maneuvering-to-isolate-taipei-china-fires-rhetorical-broadsides-at-taiwan/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2014.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Where Do U.S.-North Korea Relations Go in the Aftermath of the Hanoi Summit?

https://www.rand.org/blog/2019/03/where-do-us-north-korea-relations-go-in-the-aftermath.html?utm_source=WhatCountsEmail&utm_medium=RAND%20Policy%20Currents+AEM:%20%20Email%20Address%20NOT%20LIKE%20OTMIL&utm_campaign=AEM:631600804



Trump boasted that NATO allies would increase spending because he said so, but Canada's share keeps dropping

<https://nationalpost.com/news/world/trump-boasted-that-nato-allies-would-increase-spending-because-he-said-so-but-canadas-share-keeps-dropping>



CFB Gagetown takes possession of new logistics trucks

<https://www.canada.ca/en/department-national-defence/news/2019/03/cfb-gagetown-takes-possession-of-new-logistics-trucks.html>



Other Sources:

#artillery

Europe's largest annual US-led artillery war games underway in Germany

<https://inmilitary.com/europes-largest-annual-us-led-artillery-war-games-underway-in-germany/>

“NATO alliance has lacked a cohesive counter battery fire doctrine in its game plan until now.”

#communications

Two Case Studies of Successful Strategic Communication Campaigns

<https://ssi.armywarcollege.edu/pubs/display.cfm?pubID=1403>

#conceptual thinking

Thinking About Thinking in the Royal Air Force

<https://warontherocks.com/2019/03/thinking-about-thinking-in-the-royal-air-force/>

#drones

Lethal Autonomous Weapons Systems: Recent Developments

<https://www.lawfareblog.com/lethal-autonomous-weapons-systems-recent-developments>

#information operations

Friendship Enemies and Influencing People - Identifying and Examining Issues in the Use of Social Media for CF Influence Activities

http://cradpdf.drdc-rddc.gc.ca/PDFS/unc246/p535050_A1b.pdf

Somewhat dated but...

The West Isn't Ready for the Coming Wave of Chinese Misinformation: Report

<https://www.defenseone.com/technology/2019/03/researcher-west-isnt-ready-coming-wave-chinese-misinformation/155400/>

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

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

Exploring the Utility of Memes for U.S. Government Influence Campaigns

https://www.cna.org/CNA_files/PDF/DRM-2018-U-017433-Final.pdf

Meme = a culturally resonant item easily shared or spread online. Lessons/thoughts for well beyond US government.

Is It Time to Abandon the Term Information Operations?

<https://thestrategybridge.org/the-bridge/2019/3/11/is-it-time-to-abandon-the-term-information-operations>

with line to:

Joint Concept for Operating in the Information Environment

https://www.jcs.mil/Portals/36/Documents/Doctrine/concepts/joint_concepts_jcoie.pdf

#leadership

Thinking Critically About Critical Thinking: A Fundamental Guide for Strategic Leaders

http://www.au.af.mil/au/awc/awcgate/army-usawc/crit_thkg_gerras.pdf

Ignore “Army” in the text and apply to any and all.

#NATO

It Is Long Past Time to Stop Expanding NATO

<https://warontherocks.com/2019/0/it-is-long-past-time-to-stop-expanding-nato/>

NATO Secretary General's Annual Report 2018

https://www.nato.int/cps/en/natohq/opinions_164187.htm

#operational planning

The Good Operation - A handbook for those involved in operational policy and its implementation

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/674545/TheGoodOperation_WEB.PDF

"'The Good Operation' handbook is designed to prompt its readers to ask the right questions as they plan for and execute a military operation..."

#strategy

Fusion Doctrine: One Year On

<https://rusi.org/commentary/fusion-doctrine-one-year>

"The Fusion Doctrine is steadily reshaping the UK's approach to strategy." "...initiative to fuse capabilities, across 'economic, security, social and the rest', to deliver strategy-led design of policy and planning."

#war

Fighting phantoms: guerrilla warfare from Lawrence to the Taliban

<https://www.military-history.org/articles/fighting-phantoms-guerrilla-warfare-from-lawrence-to-the-taliban.htm>

The US Army Is Trying to Bury the Lessons of the Iraq War

<https://www.defenseone.com/ideas/2019/03/us-army-trying-bury-lessons-iraq-war/155403/>

and

Army's long-awaited Iraq war study finds Iran was the only winner in a conflict that holds many lessons for future wars

<https://www.armytimes.com/news/your-army/2019/01/18/armys-long-awaited-iraq-war-study-finds-iran-was-the-only-winner-in-a-conflict-that-holds-many-lessons-for-future-wars/>

Lessons study in two volumes at:

The U.S. Army in the Iraq War – Volume 1: Invasion – Insurgency – Civil War, 2003-2006

<https://publications.armywarcollege.edu/publication-detail.cfm?publicationID=3667>

and

The U.S. Army in the Iraq War — Volume 2: Surge and Withdrawal, 2007-2011

<https://publications.armywarcollege.edu/publication-detail.cfm?publicationID=3668>

Other:



The Opening Arctic: The Security-Development Nexus and Implications for Canada

A Panel Discussion Featuring:

- Dr. Adam Lajeunesse
St. Francis Xavier University
- Mr. John Newton
Rear-Admiral, RCN (ret'd)
- Dr. Bai Jiayu
Ocean University of China
- Mr. Wendell Sanford
Canadian diplomat (ret'd)
- Dr. Sara Seck
MELAW, Dalhousie

Tuesday, March 26th
1:00-3:00pm
University Hall
3rd floor, MacDonald
Building
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