



Royal United Services Institute of Nova Scotia Dispatches

27 July 2018

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

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 into *Dispatches*, email the CIO by noon Thursday.)

28 July, Saturday – Naval Museum of Halifax Garden Party. Noon to 2 pm, Naval Museum of Halifax, Stadacona, CFB Halifax.

1 to 3 August, Wednesday-Friday – Shearwater 100th Anniversary, celebrating Shearwater as birthplace of maritime aviation in Canada and the introduction of a century of service by all those who served there. Event details and registration at: <http://www.shearwater100.com/>

29 August, Wednesday – RUSI(NS) Distinguished Speaker Robert Brooks, Canadian Coast Guard Safe Shipping & Economic Intelligence, speaking on "Arctic Priorities: Opportunities For The Canadian And Global Arctic." 1130 hours. Royal Artillery Park Officers' Mess

Publications:

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.

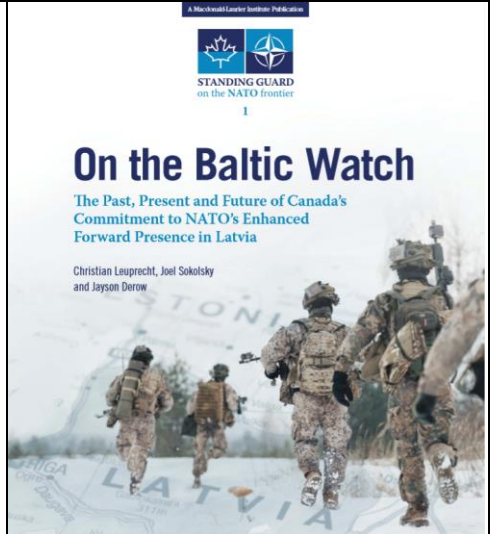
Tactical Armoured Patrol Vehicles appropriate for Operation IMPACT #OpIMPACT mission in Iraq
<https://ottawacitizen.com/news/national/defence-watch/tapvs-for-canadas-new-iraq-mission> Better than armoured SUV, protect our troops. As protection requirements in urban ops different than field ops, will #TAPV need uparmouring (cost)?
@CFOperations
(TAPVs for Canada's new Iraq mission?)



CDA Institute @CDAInstitute Jun 29 tweeted: From the CDA and CDA Institute Executive Director, Matthew Overton, regarding Canada's mission in Mali: #Canada should be looking towards the #UnitedNations itself, not Mali
<https://cdainstitute.ca/looking-for-success-from-the-canadian-deployment-to-minusma-canadians-should-be-looking-towards-the-united-nations-itself-not-mali/>
RUSI(NS) retweeted: "...time for CAN🇨🇦 to know that Gov't is getting on with rest of plan for change in UN & how we are measuring progress to know that we are succeeding."
#OpPRESENCE-#Mali



Macdonald-Laurier Institute @MLInstitute Jun 25 tweeted and RUSI(NS) retweeted: Our newest report finds that in the face of rising Russian aggression, there should be little doubt that Ottawa ought to continue to support @NATO's collective efforts on the Alliance's north-eastern frontier:
<https://www.macdonaldlaurier.ca/why-canada-stands-guard-in-latvia-new-mli-report/> #eFP #NATOSummit #cdnpoli



(On the Baltic Watch - The Past, Present and Future of Canada's Commitment to NATO's Enhanced Forward Presence in Latvia)

RAND Corporation @RANDCorporation 21 Jul tweeted and RUSI(NS) retweeted: Trolls. Bots. Fake hashtags. #Russia has made social media a critical part of its propaganda efforts in Eastern Europe. What can the West do to counter this threat? (Russian Social Media Influence - Understanding Russian Propaganda in Eastern Europe
https://www.rand.org/pubs/research_reports/RR2237.html)



Ammonopoly: General Dynamics' sweet deal to supply Canada's ammunition"
<https://www.theglobeandmail.com/business/rob-magazine/article-ammonopoly-general-dynamics-sweet-deal-to-supply-our-ammunition/> Manufacture in CAN🇨🇦 of ammo important for our sovereignty & for readiness of @CanadianForces



DRDC-RDDC @DRDC_RDDC Jul 18 tweeted:
.@NationalDefence wants to use 3D printing tech in the design & manufacture of armour to protect our troops. Welcoming all proposals now!

<http://www.ic.gc.ca/eic/site/101.nsf/eng/00025.html>

#InnovatewithGoC @ISED_CA pic.twitter.com/iei35i24oV
(Additive Manufacturing for High Performance Systems)

RUSI(NS) retweeted: Personalized body armour - kinda like crafting a suit of armour for a knight in medieval period.

Appropriate use of #additiveManufacturing #3Dprinting. AM particularly useful to military for printing out-of-stock parts & for repairs. @RCN_MRC has capability

Some RUSI(NS) members may recall our visit to FMF's LAM.



Canadian Coast Guard @CoastGuardCAN 24 Jul tweeted: Our fleet is growing! Introducing our new Bay class lifeboat CCGS Pennant Bay. This 19 metre-long vessel will be based at the St. Anthony #SearchAndRescue lifeboat station in #NewfoundlandAndLabrador. This vessel will enhance #SAR capabilities in the Atlantic Region.

RUSI(NS) retweeted: CCGS Pennant Bay welcome addition to #CCG fleet that needs/is being recapitalized

Naming and Dedication of Canadian Coast Guard Ships

<https://rusi-ns.ca/naming-dedication-canadian-coast-guard-ships/>



#MVAsterix & #RCNavy #HMCSVancouver conduct replenishment-at-sea during RimOfThePacific ex #RIMPAC2018. Replenishment oilers #AOR provide fuel, food, parts, post, services (med, dental, repair, helo maint) allowing @RCN_MRC & allies to op extended periods&distances #blueWaterNavy



Davie Shipbuilding @chantierdavie Jul 25 tweetd: The Royal Australian Navy's landing helicopter dock ship HMAS Adelaide being replenished by @federalfleet's MV Asterix during the Rim of the Pacific (RIMPAC) exercise, July 19 (U.S. Navy photo by Mass Communication Specialist 2nd Class Kelsey J. Hockenberger) pic.twitter.com/5oQ3mUCuLI

RUSI(NS) retweeted: Part of being a #BlueWaterNavy is being part of major alliances/partnerships.

Interoperability/standards/practice allow ships to operate as one team. CAN in #NATO, @RCN_MRC in #RIMPAC2018

important to safe sea lanes of communication

#defenceDiplomacy



"Child Soldiers"

<http://www.journal.forces.gc.ca/vol18/no3/eng/page67-eng.asp>

Whilst initiatives may be new within CAN government circles concerning need to do more about #ChildSoldiers,

@ChildSoldiers #Halifax are pioneers, long been working hard to eradicate use of children as [soldiers.@CanadianForces](#)

Progress, getting an article about child soldiers into the Canadian Military Journal is an indication the subject is more generally recognized within the CAF.



NATO Association @NATOCanada 20 Jul tweeted: The CAF is deployed around the world, engaging in operations to maintain stability and security globally. In a multi-part series, the NATO Association will be publishing infographics to educate Canadians about current CAF operations. Next up, current operations in Africa! <pic.twitter.com/mVxahh3Wgx>

(<https://twitter.com/NATOCanada/status/1020367945262936064>)

RUSI(NS) retweeted: Good education, necessary in view of @CBCNews article "Canadians ask of their military: Who are you? What do you do?" <http://www.cbc.ca/news/politics/SOMNIA-1.4754083>

@CanadianForces working hard to tell their stories. What can be done to connect with Canadians?

RUSI(NS) re-retweeted. @CFOperations "Current operations list" Africa

<http://www.forces.gc.ca/en/operations/current-list.page#details-panel-1424977816603-4>

CAF Operations: Africa

www.natoassociation.ca



@NATOCanada



@NATOAssociationofCanada

Operations **CROCODILE**: CAF support for the UN mission to the DRC

Operation **FREQUENCY**: CAF airlift support between France and Sahelian Africa

Operation **NABERIUS**: CAF mission to Niger training the Niger Armed Forces

Operation **PRESENCE-Mali**: CAF support for the UN Multidimensional Integrated Stabilization Mission in Mali (MINUSMA)

Operation **PROJECTION**: CAF operates in maritime environments globally to maintain and ensure peace and stability

Operation **SOPRANO**: CAF military role in the UN mission in the Republic of South Sudan (UNMISS)



Posted on Facebook Royal United Services Institute NS with comments:

How China Built an Army of Influence Agents in the U.S.



The Daily Beast article “How China Built an Army of Influence Agents in the U.S.” brings up the use of the United Front, which the article states is a long time Communist Chinese organization used throughout the world to actively promote Communist Chinese Party (CCP) policies and to oppose actions by other governments that are opposite to the wishes of the CCP. This would include Fulun Gong, Tibetan independence, Taiwan, Hong Kong, and opposition to the illegal Chinese creation and occupation of artificial islands in the South China Sea.

China is “attacking” the West non-kinetically (operations other than war) by way of influence activities, creating or usurping Chinese associations and often sidelining long term Chinese associations using money channeled through the Chinese Embassy or a Chinese philanthropist as we have seen in Australia. China has also attempted to use financial warfare and lawfare as part of the “Three Wars Concept” adopted by the CCP in 2003.

Although Canada is not mentioned, it is conceivable that we are being influenced in the same way. Certainly, Chinese influence is growing which in itself is not bad ... until one adds the wishes and expectations of the CCP.

China cannot be ignored. Their trade is welcome within limits - their active influence on our politics, policies and society as part of the CCP United Front operations are not, especially when they support the CCP’s illegal actions and occupation of foreign countries. As Sir Winston Churchill once said “It is better to jaw jaw than war war.” And we should do our best to understand that China is not benign, it is doing some very corrupt and illegal activities in order to influence us. We should be wary and expect this. In other words, keep our eyes open and expect these actions and act accordingly.

U.K. invites Australia to participate in joint navy exercises in Pacific

<https://www.taiwannews.com.tw/en/news/3488550>



A Commonwealth Approach?

The Taiwan news article "UK Invites Australia to Participate in Joint Navy Exercises in Pacific" implies the UK may send the aircraft carrier HMS *Queen Elizabeth* through the South China Sea on a freedom

of navigation operation. My question is this: why is Canada not participating as well in support against Chinese illegal occupation and arming in international waters in the South China Sea? Is the government of Canada turning their backs on friends and allies in favour of Chinese imperialist moves? Surely, we can supply a couple of frigates and a support vessel and show the flag for international law? Perhaps we can persuade New Zealand as well.

The US, India and Japan would likely join if asked, create a significant international fleet and call the Chinese out on this issue.

Australia could set a pattern by blocking Huawei from its 5G project

<https://www.taiwannews.com.tw/en/news/3490151>



Australia Could Set a Pattern by Blocking Huawei from its 5G Project

This is admittedly a Taiwanese article, using Japanese and Australian sources. The real message is the commentary on the "Chinese National Intelligence Law" which has caused concern about the ability of major Chinese companies being able to resist the Chinese Communist Party's pressure in regard to conducting acts of espionage.

This concern about Chinese telecoms has been under scrutiny for some time in Australia, the US and the UK with all these countries taking action of some sort in regard to communication security and Chinese influence overall. Canada does not share that concern as yet, although the latest AECON construction company decision shows that concern is quietly growing here as well. Interestingly, at least two Canadian telecoms/wireless providers are using Huawei or ZTE products even though those particular products have given rise of concern by our allies. It is something to think about when looking at future business proposals.

Russia's Borei-class lead missile-carrying nuclear sub to undergo repairs

<http://tass.com/defense/1014766>



Russia's Borei-class lead missile-carrying nuclear sub to undergo repairs

The Yuri Dolgoruky is returning to its manufacturer for repairs. It is the lead ship of the Borei class of ballistic missile submarines consisting of three submarines. The Borei A class is the next version based on some of the initial shortcomings of the Borei class. Originally there was to be a third version called the Borei B, but this was shelved in favour of increasing the number of Borei As to be built from five to

nine hulls. This will eventually give Russia 12 hulls.

All these classes use the Bulava missile which has not thus far resolved all its shortcomings, however this is true of any new complex system. Most recently, a salvo of four missiles was fired successfully from this same submarine, so at least some of the issues appear to be resolved.

The repair facility for fourth generation submarine does not appear to be operational as yet at Severodvinsk. The report states that the submarine will undergo "medium repairs" and there is no set schedule for their completion.

It will be interesting to see how long it will actually take to deliver this repaired submarine. Will it also require the long in the tooth Delta IV class to soldier on for even longer? What does it say about the Russian nuclear capability?

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

Russia threatens 'negative consequences' over Marine exercise with Ukraine in the Black Sea

https://www.marinecorpstimes.com/news/your-marine-corps/2018/07/19/russia-threatens-negative-consequences-over-marine-exercise-with-ukraine-in-the-black-sea/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2020.07.18&utm_term=Editorial%20-%20Early%20Bird%20Brief



NATO's air defense problem: Maintaining the peace vs. securing the eastern flank

https://www.defensenews.com/smr/nato-priorities/2018/07/19/natos-air-defense-problem-maintaining-the-peace-vs-securing-the-eastern-flank/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2020.07.18&utm_term=Editorial%20-%20Early%20Bird%20Brief



Leonardo and the Italian Air Force launch "International Flight Training School" initiative: expertise and advanced technology serving military pilot trainees

<http://www.leonardocompany.com/en/-/pr-leonardo-aeronautica-militare-ifts>



What's going on with America's next fighter designs?

https://www.defensenews.com/digital-show-dailies/farnborough/2018/07/16/whats-going-on-with-americas-next-fighter-designs/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%20/17/18&utm_term=Editorial%20-%20Military%20-%20Early%20Bird%20Brief



Bids to be submitted today for Canadian Surface Combatant – the countdown begins

<https://ottawacitizen.com/news/national/defence-watch/bids-to-be-submitted-today-for-canadian-surface-combatant-the-countdown-begins>



Military is off the radar of most Canadians: DND poll

<https://www.cbc.ca/news/politics/dnd-canadians-military-poll-1.4754083>



Britain reveals combat air strategy alongside new Tempest fighter jet design

https://www.defensenews.com/digital-show-dailies/farnborough/2018/07/16/introducing-tempest-the-uks-next-gen-fighter/?utm_source=twitter.com&utm_campaign=Socialflow&utm_medium=social



The United States of Arms

<https://vimeo.com/279923192?quality=1080p>



Judge limits Canada's international spying reach

<https://www.theglobeandmail.com/canada/article-judge-limits-canadas-international-spying-reach/>



Enter the Tempest

https://rusi.org/publication/rusi-defence-systems/enter-tempest?utm_source=RUSI+Newsletter&utm_campaign=0d8779f882-EMAIL_CAMPAIGN_2018_07_20_04_14&utm_medium=email&utm_term=0_0c9bbb5ef0-0d8779f882-47709521



A United Europe in Space?

https://rusi.org/commentary/united-europe-space?utm_source=RUSI+Newsletter&utm_campaign=0d8779f882-EMAIL_CAMPAIGN_2018_07_20_04_14&utm_medium=email&utm_term=0_0c9bbb5ef0-0d8779f882-47709521



New Deputy Commander appointed to NORAD

<https://www.canada.ca/en/department-national-defence/news/2018/07/new-deputy-commander-appointed-to-norad.html>



HMCS St. John's returns Monday, Sea King on board was last operational deployment of that RCAF helicopter fleet

<https://ottawacitizen.com/news/national/defence-watch/hmcs-st-johns-returns-monday-sea-king-on-board-was-last-operational-deployment-of-that-rcaf-helicopter-fleet>



The Crisis Facing America

https://www.theatlantic.com/international/archive/2018/07/trump-putin/565310/?utm_source=pocket&utm_medium=email&utm_campaign=pockethits



Trump's 'America First' Policy Could Leave U.S. Defense Industry Behind

https://foreignpolicy.com/2018/07/18/trumps-america-first-policy-could-leave-u-s-defense-industry-behind/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2020.07.18&utm_term=Editorial%20-%20Military%20-%20Early%20Bird%20Brief



Russia May Put Androids in Orbit Next Year, State Media Says

https://www.defenseone.com/technology/2018/07/russia-may-put-androids-orbit-next-year-state-media-says/149927/?oref=defenseone_today_nl



Trump and Iran's Rouhani trade angry threats

https://www.bbc.com/news/world-us-canada-44919772?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2023.07.18&utm_term=Editorial%20-%20Early%20Bird%20Brief



Russia fears leak of hypersonic missile secrets to West

https://www.bbc.com/news/world-europe-44897577?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2023.07.18&utm_term=Editorial%20-%20Early%20Bird%20Brief



G-20 ends highlighting US protectionism and China currency decline

https://asia.nikkei.com/Economy/G-20-ends-highlighting-US-protectionism-and-China-currency-decline?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2023.07.18&utm_term=Editorial%20-%20Early%20Bird%20Brief



L3 MAS Teams with IAI for RCAF Remotely Piloted Aircraft System

<http://www.canadiandefencereview.com/news?news/2500>



Change of management at Seaspan Shipyards

<https://ottawacitizen.com/news/national/defence-watch/change-of-management-at-seaspan-shipyards>



Rare Second World War-era bomber debuts Canadian tour in Montreal

<https://globalnews.ca/news/4346272/rare-second-world-war-era-bomber-debuts-canadian-tour-in-montreal/>



Freeland, Trudeau used 'formal interventions' to kickstart rescue of White Helmets from Syria

<http://www.cbc.ca/news/politics/SOMNIA-1.4757353>



Trump, Iran, and the Dangers of Presidential Bluffing

https://www.defenseone.com/ideas/2018/07/trump-iran-and-dangers-presidential-bluffing/149967/?oref=defenseone_today_nl



This Stealthy Drone May Be The Future of Russian Fighter Jets

https://www.defenseone.com/technology/2018/07/stealthy-drone-may-be-future-russian-fighter-jets/149976/?oref=defenseone_today_nl



F-35 Transfers to Turkey Held Back Under U.S. Defense Measure

https://www.bloomberg.com/news/articles/2018-07-23/f-35-transfers-to-turkey-held-back-under-u-s-defense-measure?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2024.07.18&utm_term=Editorial%20-%20Early%20Bird%20Brief



North Korea sends positive signal by dismantling satellite launch site

http://www.atimes.com/article/north-korea-sends-positive-signal-by-dismantling-satellite-launch-site/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2024.07.18&utm_term=Editorial%20-%20Early%20Bird%20Brief&cn-reloaded=1



Man charged following security incident on Parliament Hill

<http://www.cbc.ca/news/politics/SOMNIA-1.4758410>



Industry concerns about Cormorant modernization pushed aside – project to proceed

<https://ottawacitizen.com/news/national/defence-watch/industry-concerns-about-cormorant-modernization-pushed-aside-project-to-proceed>



No space force for Trump in big Pentagon policy bill

https://www.defensenews.com/news/pentagon-congress/2018/07/24/no-space-force-for-trump-in-big-pentagon-policy-bill/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%207.25.18&utm_term=Editorial%20-%20Early%20Bird%20Brief



Use Maritime-Law Trends to Offset Beijing's Gains in the South China Sea

https://www.defenseone.com/ideas/2018/07/legal-strategy-offset-chinas-gains-south-china-sea/149989/?oref=defenseone_today_nl



Turkey vows to keep buying Iranian oil: 'We will not obey'

https://www.washingtonexaminer.com/policy/defense-national-security/turkey-vows-to-keep-buying-iranian-oil-we-will-not-obey?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%207.25.18&utm_term=Editorial%20-%20Early%20Bird%20Brief



F-35 production and price milestone ahead of first Aussie delivery

<https://www.defenceconnect.com.au/strike-air-combat/2608-f-35-production-milestone-and-price-reduction-ahead-of-first-aussie-delivery>



Jim Mattis warns Congress not to block Turkey from F-35 program

<https://www.defensenews.com/congress/2018/07/23/jim-mattis-warns-congress-not-to-block-turkey-from-f-35-program/>



Bulgaria issues request for proposals for fighter jets

<https://www.reuters.com/article/us-bulgaria-defence-jets/bulgaria-issues-request-for-proposals-for-fighter-jets-idUSKBN1KF10W>



Harjit S. Sajjan: This government is showing NATO that Canada can be counted on

<https://nationalpost.com/opinion/harjit-s-sajjan-this-government-is-shown-nato-that-canada-can-be-counted-on>



Trump says - once again - that the F-35 is invisible





<https://ottawacitizen.com/news/national/defence-watch/trump-says-once-again-that-the-f-35-is-invisible>



'Smuggling sausages in diapers will not work' Canada Border Services Agency warns

<https://globalnews.ca/news/4352019/smuggling-sausages-canada-border/>



<p>How Beijing enlists global companies to pressure Taiwan</p> <p>https://asia.nikkei.com/Spotlight/Cover-Story/How-Beijing-enlists-global-companies-to-pressure-Taiwan?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2026.07.18&utm_term=Editorial%20-%20Early%20Bird%20Brief</p>	
<p>New Details About the F-15X That Boeing is Pitching the US Air Force</p> <p>https://www.defenseone.com/technology/2018/07/heres-look-new-f-15x-boeing-pitching-us-air-force/150039/?oref=defenseone_today_nl</p>	
<p>A new world order will likely arise only from calamity</p> <p>https://www.washingtonpost.com/news/worldpost/wp/2018/07/24/new-world-order/?noredirect=on&utm_campaign=AEM:631600804&utm_medium=RAND%20Policy%20Currents%20AEM:%20%20Email%20Address%20NOT%20LIKE%20DOTMIL&utm_source=WhatCountsEmail&utm_term=.84571e950e35</p>	
<p>Moscow Holds the Key to Peace Between Jerusalem and Damascus</p> <p>https://foreignpolicy.com/2018/07/25/moscow-is-the-key-to-peace-between-jerusalem-and-damascus/?utm_source=PostUp&utm_medium=email&utm_campaign=Editors%20Picks%20%207/26/2018%20-%20BSA&utm_keyword=Editor#39;s%20Picks%20OC</p>	

Other Sources:

#ballistic missile defence

Overwhelming majority of experts say Canada should participate in missile defence: New MLI report
<https://www.macdonaldlaurier.ca/overwhelming-majority-experts-say-canada-participate-missile-defence-new-mlr-report/>

#child soldiers

Child Soldiers
<http://www.journal.forces.gc.ca/vol18/no3/eng/page67-eng.asp>

Progress, getting an article about child soldiers into the Canadian Military Journal is an indication the subject is more generally recognized within the CAF.

#China

China Built an Army of Influence Agents in the U.S
<https://www.thedailybeast.com/how-china-built-an-army-of-influence-agents-in-the-us>
 No surprises in this article. What about Canada? We have 3000 students in NS and pro-Chinese leaders

making questionable decisions.

Canada's Role in the South China Sea

video: https://www.youtube.com/watch?v=7_qAcE414hE&

#drones

Naval Offboard anti-Missile Active Decoy (NOMAD) systems (Letter of Interest)

<https://buyandsell.gc.ca/procurement-data/tender-notice/PW-FX-011-26859>

Sign of progress, when matching drones with decoy systems: "...requirement to procure Naval Offboard anti-Missile Active Decoy (NOMAD) systems that are designed to function in a marine environment with an existing Royal Canadian Navy (RCN) Unmanned Surface Vehicle (USV)."

#human trafficking

Human Trafficking – A National Security Issue

<https://www.domesticpreparedness.com/journals/july-2018/>

Canada too?

#information operations

Ever heard of 'deep fake' technology? The phony audio and video tech could be used to blackmail US troops

<https://www.militarytimes.com/news/your-air-force/2018/07/19/ever-heard-of-deep-fake-technology-the-phony-audio-and-video-tech-could-be-used-to-blackmail-us-troops/>

A draft code of practice on online disinformation

<https://ec.europa.eu/digital-single-market/en/news/draft-code-practice-online-disinformation>

#intelligence

Oh, What Tangled Webs the CSIS Act Weaves: The Federal Court's Latest Decision on CSIS's Foreign Intelligence Mandate

<http://craigforcese.squarespace.com/national-security-law-blog/2018/7/19/oh-what-tangled-webs-the-csis-act-weaves-the-federal-courts.html>

#lasers

High Energy Lasers (Request for Proposal)

<https://buyandsell.gc.ca/procurement-data/tender-notice/PW-18-00828708>

"The Canadian Armed Forces (CAF) require enhanced capabilities to engage and defeat non-cooperative objects using non-kinetic means. The evolution of laser technologies makes them increasingly applicable to dazzle, jam or damage optical sensors, including imaging systems, thermal sights, and seekers. In addition, they can also be used for the detection of hostile systems.

Current laser technologies suffer however from a combination of insufficient efficiencies, low peak and average powers, and excessive SWaP (size, weight and power). These drawbacks limit their employment for the aforementioned applications, their engagement ranges, and the possibilities of integrating them onto mobile platforms where space and power supply are severely constrained.

The areas of employment include ground, maritime as well as aerial applications."

#operations

Evaluation of Canadian Armed Forces Operations

<http://www.forces.gc.ca/en/about-reports-pubs-audit-eval/286p1258-3-007.page#exec>

A bit dated (late 2017), interesting.

From a RUSI(NS) member: We appear to be doing as many foreign missions as the US and UK and more than AUS and NZ.

#NATO

Snapshot of Spring 2018 Session of the NATO Parliamentary Assembly

<https://cdainstitute.ca/wp-content/uploads/2018/06/NATO-PA-2018-Spring-Session-Highlights-Draft-2.pdf>

Saving NATO

<https://www.lawfareblog.com/saving-nato>

US article. When this *Dispatches* editor worked in a NATO/US command, it was always teeth grinding but understandable to hear US officers speak of "US and NATO." They didn't feel a close link.

Donald Trump is wrong about NATO

<https://www.macleans.ca/opinion/donald-trump-is-wrong-about-nato/>

By Ken Hansen, member of RUSI(NS) SAC.

#naval operations

Mattis' New Unpredictable Carrier Strike Group Deployment Strategy Has Begun

<http://amp.timeinc.net/thedrive/the-war-zone/22352/mattis-new-unpredictable-carrier-strike-group-deployment-strategy-has-begun>

Shorter deployments = happy sailors and families, and higher readiness. Hmm, just as Canada settles into a routine of six month deployments.

#public relations

Views of the Canadian Armed Forces 2018 Tracking Study - Executive Summary

http://epe.lac-bac.gc.ca/100/200/301/pwgsc-tpsgc/por-ef/national_defence/2018/076-17-e/summary.pdf

older: DND Your-Say Survey

<http://cradpdf.drdc-rddc.gc.ca/PDFS/unc91/p532387.pdf>

#refugees

Does Canada have a refugee crisis? Yes

<https://www.macdonaldlaurier.ca/canada-refugee-crisis-yes-brian-lee-crowley-toronto-star/>

Shipping in Mediterranean under siege

<http://maritimebulletin.net/2018/07/22/shipping-in-mediterranean-under-siege/>

One wonders to what extent if any RCN ships operating in the Mediterranean might find themselves subject to legal action.

#sealift

Japan Ground Self-Defense Forces to Purchase Transport Ships

<http://www.navyrecognition.com/index.php/news/defence-news/2018/july-2018-navy-naval-defense-news/6359-japan-ground-self-defense-forces-to-purchase-transport-ships.html>

Another army buys ships. (This editor recalls a comment that the US Army actually operates more ships than the US Navy.) For Canada, we have the Canadian Forces Joint Operational Support Group

(CFJOSG) (<http://www.forces.gc.ca/en/operations-support/cfjosg.page>). Some of us recall the Full Time Charter ships that CFSOG's predecessor ran.

#shipbuilding

The Ship is an "Electronic" Being

www.informationdissemination.net/2017/04/the-ship-is-electronic-being.html

leading to:

RAND study "Why Has the Cost of Navy Ships Risen?"

https://www.rand.org/content/dam/rand/pubs/monographs/2006/RAND_MG484.pdf

and

RAND study "Assessment of Surface Ship Maintenance Requirements"

https://www.rand.org/content/dam/rand/pubs/research_reports/RR1100/RR1155/RAND_RR1155.pdf

#strategic planning

New security reality demands new Australian policy

<https://www.aspistrategist.org.au/new-security-reality-demands-new-australian-policy/>

How much of this thinking could find parallel application to the Canadian situation?

#warfighting

War in the Fourth Industrial Revolution

<https://warontherocks.com/2018/06/war-in-the-fourth-industrial-revolution/>

Accelerating Multi-Domain Operations: Evolution of an Idea

<https://mwi.usma.edu/accelerating-multi-domain-operations-evolution-idea/>

Other:

#Juno Beach Centre commemorations

Too Young to Die

<https://www.junobeach.org/podcast/too-young-to-die-with-dan-black/>

“Juno Beach and Beyond “ podcast with Dan Black, co-author with RUSI(NS) member John Boileau of “Old Enough to Fight: Canada’s Boy Soldiers in the First World War” and “Too Young to Die: Canada’s Boy Soldiers, Sailors and Airmen in the Second World War,” one of four episodes highlighting various aspects of Canada's role in the Second World War.

#Shearwater centenary

Retired RCAF Colonel explores 100 years

<https://tridentnewspaper.com/wp-content/uploads/2018/07/2018-07-23-15.pdf>

Trident’s article on our June 2018 Distinguished Speaker, Col John Off (ret’d).

CBC Radio Maritime Noon Jul 24 on **military spending**

starts at 13.05: <https://www.cbc.ca/listen/shows/maritime-noon/episode/15560356>

US Army War College Quarterly Parameters

http://ssi.armywarcollege.edu/pubs/parameters/issues/Spring_2018/Vol48No1.pdf

contents:

Right vs. Right: Personal Beliefs vs. Professional Obligations

LTG MacFarland: Insights on Illusions of Victory and Iraq

Avoiding Nation-Building: From Nixon to Trump Dominic

Countering Russian Meddling in US Political Processes
Countering Russian Disinformation
Victory without Casualties: Russia's Information Operations
Brexit and the Anglo-American Security and Defense Partnership
Brexit and Transatlantic Security
US Landpower and an Indo-American Alliance
Emory Upton and the US Army

Canadian Defence Review interview with **LGen Bowes**, Commander, Canadian Joint Operations Command

http://www.canadiandefencereview.com/Featured_content?blog/121

US Army War College Library Alert

http://usawc.libguides.com/graduates_others/alerts

contents:

The 2018 Aspen Security Forum Video Library (homeland and national security leaders discussion)
Stabilization: A New Approach to Whole of Government Operational Planning and Execution
Stability in Multi-Domain Battle
The Moral Compass
Whiteboard Response: How Well Does The Army Develop Strategic Leaders?
Whiteboard: Should The US Military Secure The Border?
Strategic Outpost's Third Annual Summer Vacation Reading List
2018 Global Slavery Index
North Korean Serials: Article-Level Indexing for the North Korean Serials

CDA Institute Aerogram: Interfax Military News Agency – Moscow responses to Sweden, Finland convergence with NATO

I would like to thank Janes' correspondent Bruce Jones for sharing this Russian Interfax posting concerning reaction to recent NATO activities (particularly cyber) and partnerships. Interfax is described on their website as "Russia's only news agency that covers professional and systematic coverage of issues related to national security and defense." VR Howard

Interfax:

<http://www.militarynews.ru/story.asp?rid=1&nid=486697>

Russia will take measures in response to drawing Sweden and Finland into NATO – Shoigu
7/24/2018 16:23:34

Moscow. 24 July. Interfax-AVN-RF will take measures in response to active cooperation between Sweden and Finland with NATO, Russian Defence Minister Sergei Shoigu said.

"The involvement of NATO in Finland and Sweden is worrying, and in May a treaty was signed that provides for their full participation in the exercises of the alliance and the possibility of using its command and control systems for troops and weapons." In exchange, NATO received unhindered access to the airspace and territorial waters of these countries, "said Minister at the collegium of the department on Tuesday.

"Such steps by Western colleagues lead to the destruction of the existing security system in the world, generate even greater mistrust, forcing us to take retaliatory measures," S. Shoigu stressed.

He said that the NATO contingents in Eastern Europe are continuing to grow: since 2014 their number has increased from 2 to 15 thousand servicemen.

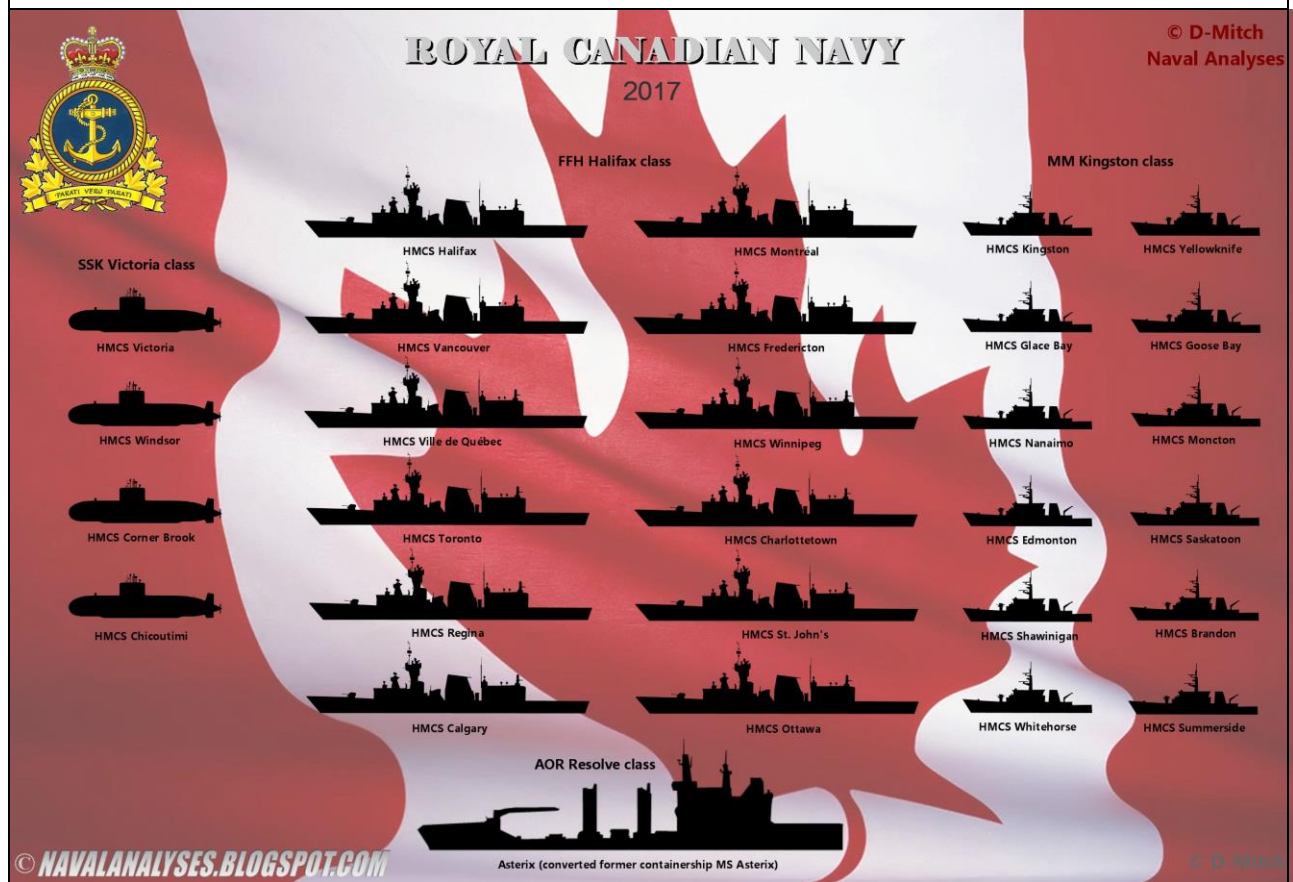
In his opinion, the intensity of the preparations for the alliance is constantly increasing.

"Over 100 exercises have been conducted since the beginning of the year, in which up to 80,000 servicemen participated, while the number of personnel annually attracted to the series of exercises increased 10-fold over five years, and the number of combat aviation increased from 11 units to 101," said the Minister.

He noted that "with the help of the United States in Europe deployed five centres of cyber operations - in Finland, Estonia, Poland, Germany and France."

RCN Infographic

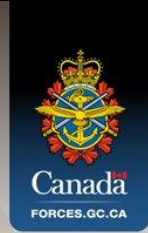
Naval Analyses infographics: <http://www.navalanalyses.com/2015/01/fleets-9-royal-australian-navy-belgian.html>



Canadian Forces @CanadianForces 25 Jul 2018 tweeted and RUSI(NS) retweeted: The #CAF is supporting @UN_MINUSMA as part of the Government of Canada's overall efforts to help set conditions for durable peace, development, and prosperity in Mali <http://ow.ly/QBR03016Vi1> #OpPRESENCE (Operation PRESENCE - Mali <https://www.canada.ca/en/services/defence/caf/operations/military-operations/current-operations/op-presence.html>)

Operation PRESENCE — Mali

The Canadian Armed Forces is supporting the United Nations Multidimensional Integrated Stabilization Mission in Mali (MINUSMA).



Approximately **250** CAF members



Will conduct medical evacuations and tactical helicopter operations

3 CH-147F Chinooks



24
hours
a day

7 days
a week

for
one
year.

5 CH-146 Griffons



Based out of Gao, the CAF joins over 55 MINUSMA partner countries in their efforts to bring stability to Mali.

